FORMER FUMEX SANITATION SITE

Garden City Park, Nassau County, New York

NYSDEC Site #130041

Periodic Review Report

May 13, 2013

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Periodic Review Report Certification

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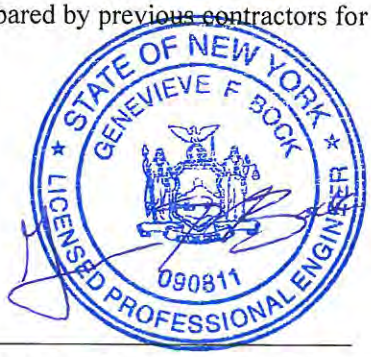
NYSDEC Site: #130041
Project Name: Former Fumex Sanitation Site
Site Address: 131 Herricks Road, Garden City Park
Nassau County, New York 11040

I, Genevieve F. Bock, P.E., hereby certify on behalf of Groundwater & Environmental Services, Inc. (GES), this *Period Review Report* and all the information presented under this cover is accurate and prepared under the direction of, and reviewed by, me, including all data and material prepared by previous contractors for the current certifying period.



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PERIODIC REVIEW REPORT

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EXECUTIVE SUMMARY

The Site is located at 131 Herricks Road, Garden City Park, Nassau County, New York (herein referenced as the "Site"). The Site operated as a commercial termite extermination business from 1952 to 1992. Investigations confirmed that chlordane and other pesticides contaminated soil and groundwater beneath the Site and surrounding properties as a result of Site operations.

As a consequence of the detected pesticide contamination, the Site was listed as an inactive hazardous waste facility and is being managed by the New York State Department of Environmental Conservation (NYSDEC) as Site #130041. Under the State Superfund Program (SSP), the NYSDEC directed remedial activities to remove source areas of contamination to the extent practical at the Site. Additionally, the NSYDEC implemented several engineering controls and institutional controls (ECs/ICs) at the Site to reduce or eliminate the potential exposure to residual contamination (primarily pesticide compounds).

A *Site Management Plan* (herein referenced as the *"SMP"*), dated June 6, 2012, was prepared for the Site following completion of the remedial activities and implementation of ECs/ICs. The *SMP* establishes Site management activities to be conducted to protect public health and the environment from residual contamination at the Site.

This is the first *Periodic Review Report* (*PRR*) being submitted for the Site and summarizes all Site management activities conducted during the monitoring period of March 2012 through April 2013. A summary of Site management activities completed during the monitoring period is detailed below.

- Site visits were conducted to evaluate the condition of existing ECs. The ECs were observed to be generally in good condition with the exception of a Site security issue (broken retaining wall on the northwestern portion of the Site) and irregularities noted with the epoxy resin (minor cracks and bubbles at select locations) that affected its integrity.

- To address Site security deficiency, a permanent fence was installed on the northwestern corner of the Site. To address integrity deficiencies with the epoxy, an additional coat of epoxy was applied as needed.

- To determine the effectiveness of the ECs in eliminating, to the extent practicable, the off-Site migration of contaminants that are above groundwater quality standards (GWQSs), a groundwater monitoring program was implemented for the Site. In February 2013, groundwater monitoring was conducted in accordance with the *SMP* and the results were compared to the baseline sampling event conducted in July 2011. Based on the February 2013 results, the following conclusions were made:

    - Select dissolved-phase pesticides were detected at concentrations which are orders of magnitude greater than the GWQS in on-Site, upgradient, and downgradient monitoring wells. Increasing concentration trends of select dissolved-phase pesticides were also observed in on-Site, upgradient, and downgradient monitoring wells. These results suggest that soil excavation and installation of an asphalt cover may not have effectively addressed pesticide impacts on-Site or mitigated the plume migration. However, additional groundwater sampling is warranted to establish meaningful trends prior to determining if corrective measures are required to meet the objectives of the *SMP*.

    - An increase in select dissolved-phase semi-volatile organic compound (SVOC) concentrations were detected in on-Site monitoring well MW-5. However, it is generally observed that SVOCs are decreasing throughout the monitoring well network. Most notably, on-Site monitoring wells MW-4 and MW-6 which exceeded GWQS during the

baseline sampling event exhibited non-detect SVOC concentrations during the February 2013 sampling event.

- Dissolved-phase volatile organic compound (VOC) concentrations were below the GWQS in all on-Site wells. Tetrachloroethene (PCE) was the only VOC compound detected above the GWQS off-Site (in upgradient and downgradient monitoring wells MW-9D and MW-7S, respectively). Because the highest concentration of PCE was observed in upgradient monitoring well MW-9D and the concentration trend at this well is increasing, dissolved-phase VOC impacts are not likely related to historical Site operations.
- Sodium and iron were the only metals detected above the GWQS in the monitoring well network. Although sodium was detected above the GWQS and increasing concentration trends were observed at select wells, these concentrations are likely comparable to background levels. Therefore, existing dissolved-phase metals concentrations are not likely related to historical Site operations.

Based on the information provided in this *PRR*, GES recommends the following actions:

- Completion of semi-annual Site inspections in accordance with the *SMP;*
- Completion of groundwater monitoring activities for pesticides, SVOCs, VOCs, and metals in accordance with the *SMP*. The next round of sampling is recommended to be completed in July or August of 2013. These results will be compared to the baseline and the February 2013 sampling events to determine concentration trends at the existing monitoring well network. Groundwater concentration trend results will then be utilized to evaluate the need for implementation of corrective measures at the Site;
- Investigation of potential off-Site and upgradient sources of VOCs. Based on the results of this investigation, GES may recommend to discontinue future groundwater sampling for VOCs; and,
- Review of all available records from regulatory agencies to determine if dissolved-phase pesticides are present in shallow observation wells N-12005, N-11738, and N-11739 that are located downgradient (southwest) of the Site. This data may be used to supplement future evaluations of the stability of the dissolved-phase pesticide plume and facilitate an evaluation of the need for corrective measures at the Site.

Following completion of the activities proposed above, GES will submit an addendum to this *PRR* in accordance with the *SMP*. The addendum will summarize groundwater concentration trends and provide recommendations related to the need for corrective actions at the Site. Pending NYSDEC approval of this *PRR*, GES will continue to perform semi-annual inspections and, if warranted, conduct maintenance activities for the ECs to ensure compliance with the *SMP*.

1.0 INTRODUCTION

Groundwater & Environmental Services, Inc. (GES), on behalf of the New York State Department of Environmental Conservation (NYSDEC), has prepared this *Periodic Review Report* (*PRR*) for the former Fumex Sanitation located at 131 Herricks Road, Garden City Park (a hamlet in the Town of North Hempstead), Nassau County, New York (hereinafter reference to as the "Site").

The Site operated as a commercial termite extermination business from 1952 to 1992. Site investigations confirmed that chlordane and other pesticides impacted soil and groundwater beneath the Site and surrounding properties. As a result of the contamination, the Site was listed as an inactive hazardous waste facility in March of 1990 and is being managed by the NYSDEC (referenced as Site #130041). Under the State Superfund Program (SSP), the NYSDEC directed remedial activities (including excavation) to address source areas of contamination to the extent practical. Additionally, the NSYDEC implemented several engineering controls and institutional controls (ECs/ICs) to reduce or eliminate potential exposure to residual contamination (primarily pesticide compounds) at the Site.

A *Site Management Plan* (herein referenced as the *"SMP"*), dated June 6, 2012, was prepared for the Site following completion of the remedial activities and implementation of ECs/ICs. The *SMP* establishes Site management activities to be conducted in order to protect public health and the environment from residual contamination at the Site. This is the first *PRR* for the Site and summarizes all Site management activities conducted during the monitoring period from March 2012 to April 2013.

The objectives of this report are as follows:

- To provide a Site overview and background on the source of contamination at the Site, a summary of remedial actions completed, and a summary of the nature and extent of residual contamination;
- To provide a compliance report for the ECs/ICs implemented at the Site which describes each EC/IC, its objective, how it is evaluated, the current status, and future management activities;
- To provide a compliance report for the groundwater monitoring activities completed in accordance with the *SMP* which details the sampling program requirements, summarizes the field work completed, and provides analytical results for comparison to baseline sampling data;
- To provide an evaluation of remedy performance, effectiveness, and protectiveness to determine if remedial actions at the Site are achieving the established goals of the *SMP*; and,
- To provide conclusions and recommendations for future Site management activities based on the evaluation of Site information collected during the reporting period.

2.0 SITE OVERVIEW

2.1 SITE LOCATION

The Site is located at 131 Herricks Road, Garden City Park, Nassau County, New York. A Site Location Map is provided as **Figure 1**. The Site is bounded by Bedford Avenue to the north, a commercial property to the south, Herricks Road to the east, and a residential property to the west. A one (1) story, vacant brick building is present on-Site with a paved parking area to the west. Pertinent Site features and surrounding properties are depicted on **Figure 2**.

2.2 SITE BACKGROUND

The Site operated as a commercial termite extermination business from 1952 to 1992. Site investigations between 1986 and 1999 confirmed that pesticides have contaminated soil and groundwater beneath the Site and surrounding properties. As a result of the contamination, the Site was listed by the NYSDEC under the Registry of Inactive Hazardous Waste Disposal Sites (referenced as NYSDEC Site #130041).

In January of 2000, a Feasibility Study (FS) was completed which identified Remedial Action Objectives (RAOs) for the Site. In March 2001, a Record of Decision (ROD) detailing RAOs was executed for the Site which required the following remedial activities:

- Excavation and proper disposal of the top 18 inches of soil from the entire parking lot in the rear of the Site;
- Excavation and proper disposal of the contaminated surface soils at the adjacent residential property;
- Installation and long term maintenance of an impermeable cap over the parking lot at the rear of the Site;
- Removal of an on-Site drywell and replacement with a catch basin connected to the local storm sewer;
- Implementation of a deed restriction (i.e., Environmental Notice) to maintain the impermeable cap and restrict any soil excavation beneath the impermeable cap;
- Power washing (with detergent) of the concrete floor in the former garage area with collection and proper disposal of all wash water; and,
- Implementation of a groundwater monitoring program to assess the performance of the remedies.

Following remedial design investigations conducted between 2006 and 2007, an *Explanation of Significant Differences* (*ESD*) letter was issued by the NYSDEC in April 2007. The *ESD* substituted an asphalt cover for the impermeable cap based on results from the remedial design investigations that showed pesticides were not migrating off-Site.

Remedial activities and implementation of ECs/ICs at the Site were initiated in August 2010 and completed in late 2011. A summary of the major remedial actions performed at the Site is provided below:

- Excavation and off-Site disposal of approximately 730 tons of contaminated soils from the parking lot. The excavation work also included the removal of an on-Site drywell and underground storage tank (UST) that were located in the parking lot;

- Installation of a stormwater management system that connects to the Nassau County stormwater system;

- Installation of an asphalt cap over the parking lot;

- Replacement of monitoring wells MW-10 and MW-11 with MW-10R and MW-11R and completion of a round of groundwater sampling for the entire monitoring well network;

- Abatement of asbestos containing material (ACM) floor tile and encapsulation of ACM wall mastic inside the on-Site building;

- Power washing (with detergent) of the building concrete floor and the encapsulation of the floor surface with an epoxy resin coating;

- Excavation and off-Site disposal of approximately 33 tons of contaminated soils from the residential property to the west of the Site to meet the soil cleanup objectives (SCOs) for residential use; and,

- Installation of a fence on the southern and western portion of the Site property boundary to ensure Site security.

Following the completion of the remedial activities and implementation of ECs/ICs, a *Final Engineering Report* (*FER*), dated June 6, 2012, was prepared by Camp, Dresser and McKee (CDM) detailing all remedial activities conducted at the Site. Along with the *FER*, the *SMP* was submitted to the NYSDEC which detailed all future Site management activities to be conducted to ensure that public health and the environment are not adversely affected by the residual contamination present at the Site.

2.3 NATURE AND EXTENT OF RESIDUAL CONTAMINATION

The extent of soil and groundwater impacts detected at the Site prior to remediation is detailed in previous Site investigation reports submitted to the NSYDEC. A brief summary of the post-remedial contamination present on-Site is detailed below:

- <u>Soil Impacts</u>:

    - As per the ROD, the most significant contaminants at the Site were pesticides (chlordane, heptachlor, dieldrin, and heptachlor epoxide). Following soil excavation, alpha-chlordane and dieldrin were detected above the commercial SCOs at select sampling locations. The maximum concentration of remaining pesticides was alpha-chlordane at 520,000 micrograms per kilogram (µg/kg) detected at soil endpoint SW-2 located in the northeastern corner of the parking lot. The commercial use SCO for alpha-chlordane is 24,000 µg/kg.

    - Soil impacts beneath the concrete building slab were never investigated and remain unknown.
    - The residential property to the west of the Site, located at 280 Bedford Avenue, Garden City Park, New York, was determined to be successfully remediated and suitable for unrestricted use following soil excavation activities.

- Building Concrete Surface: Following power washing of the surface floor, concrete chips were collected and submitted for analysis. The results revealed levels of chlordane contamination ranging from 8.9 parts per million (ppm) to 17 ppm which exceeded applicable standards.

- Interior Building Wall: Sections of the building wall on the northern and eastern sides has an ACM coating.

- Groundwater Contamination: Pesticides are the primary contaminants of concern (COCs) for the Site.

    - July 2011 Sampling Event: Following remedial activities, groundwater sampling was conducted in July 2011 (referenced as the baseline sampling event) at the entire monitoring well network (14 wells total). Results of the baseline sampling event indicated select pesticides, semi-volatile organic compounds (SVOCs), volatile organic compounds (VOCs), and metals concentrations above the June 1998 *Technical and Operational Guidance Series (TOGS) [1.1.1] Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations* (hereinafter referenced as GWQS) in the Site well network. Pesticides were the predominant contaminants detected above the GWQS in all on-Site monitoring wells (MW-1 through MW-6), upgradient monitoring wells MW-9S and MW-9D, and downgradient monitoring wells MW-7D, MW-10R, and MW-11R. Per the *SMP*, these baseline sampling results are utilized for comparison to future sampling events (see **Section 3.0**).

2.4 SITE CLOSURE CRITERIA

Per the *SMP*, remedial processes are considered to be complete when effectiveness monitoring indicates that the remedy has achieved the RAOs which are defined in the ROD. The framework for determining when Site closure for groundwater monitoring is provided in Section 6.4 of NYSDEC *DER-10 Technical Guidance for Site Investigation and Remediation*, dated May 2010.

The *SMP* requires that the following ECs shall be maintained in perpetuity: soil and asphalt cover system, epoxy resin coating, and Site security fencing.

3.0 GROUNDWATER MONITORING PLAN COMPLIANCE REPORT

A Groundwater Monitoring Plan (GMP) is a component of the *SMP* document for the Site. The GMP specifically outlines the procedures to be implemented following the completion of remedial construction activities. As stipulated in the *SMP*, the purpose of this program is to monitor the effectiveness of the remedial actions and to demonstrate that groundwater at the Site has not been negatively impacted as a result of remedial construction activities.

The purpose of this section is to provide a compliance report for the groundwater monitoring activities completed in accordance with the *SMP* which details the sampling program requirements, summarizes the field work completed, and provides analytical results for comparison to the baseline sampling event completed in July 2011.

3.1 GROUNDWATER MONITORING PLAN

The monitoring program requires sampling the existing well network (14 monitoring wells) on a semi-annual basis for a period of 10 years or as determined by NYSDEC. Below is summary of the sampling plan per the GMP.

Well ID	**Physical Location**	**Screen Zone*** (depth in feet below TOC or fbgs)	**Highlights of the GMP Sampling Requirements**	**Laboratory Analysis****
MW-1	On-Site, in the parking lot	Shallow (51.71 ft. below TOC)	• Low-flow sampling methods to limit drawdown and disturbance to potential sediments at the bottom of the wells; • Collection of field parameters (temperature, pH, dissolved oxygen [DO], turbidity, specific conductivity, and oxidation reduction potential [ORP]). • Prior to sample collection, field parameters must stabilize so that three consecutive readings are +/-10%. If turbidity is under 10 nephelometric turbidity units (NTUs), stabilization readings may be amended to +/-20%.	-Cyanide via NYSDEC Analytical Service Protocol (ASP) Method 335.2 Target Analyte List (TAL) Metals via NYSDEC ASP Method USEPA SOW ILMO4.0
MW-2		Shallow (49.91 ft. below TOC)		
MW-3		Shallow (53.46 ft. below TOC)		
MW-4		Shallow (50.33 ft. below TOC)		
MW-5		Shallow (52.60 ft. below TOC)		
MW-6		*Deep (110-120 fbgs)		

MW-7S	Off-Site, Downgradient, on Broadway	*Shallow (40-50 fbgs)	• If turbidity is in excess of 50 NTUs, sampling for metals should occur 24 hours later. However, the NYSDEC approved field filtering to reduce costs; • VOCs, pesticides and SVOCs were to be sampled first. If field filtering is necessary, these parameters are to be collected before the filtering. • Decontamination is required and detailed in section 3.7 of the GMP. • Trip blanks, matrix spike/matrix spike duplicates and method blanks were required for quality assurance.	-Target Compound List (TCL) Organochlorine Pesticides via NYSDEC ASP Method USEPA SOW ILMO4.2
MW-7D		*Deep (110-120 fbgs)		
MW-8S	The furthest off-Site, downgradient wells, on Thorens Ave	*Shallow (50-60 fbgs)		
MW-8D		*Deep (115-125 fbgs)		
MW-9S	The furthest off-Site, upgradient wells, on Madison Ave	*Shallow (40-50 fbgs)		
MW-9D		*Deep (105-115 fbgs)		
MW-10R	Off-Site, immediately downgradient, on Park Ave	*Shallow (39.5 to 49.5 fbgs)		
MW-11R		*Shallow (39.5 to 49.5 fbgs)		

Note: ***If a range is provided, this is based upon available boring logs.** All other values indicate depth to bottom of the well from the most recent sampling event conducted in February of 2013. fbgs = feet below grade surface. TOC = top of casing. **Samples are analyzed by a NYSDEC contracted laboratory and in accordance with the contracted analytical methods and quality control requirements (see **Section 3.4** of this report for an explanation).

3.2 GROUNDWATER MONITORING RESULTS

On February 25, 2013, GES conducted sampling activities in general accordance with the GMP at the Site monitoring well network. The locations of these monitoring wells are depicted on the Site Vicinity Map provided as **Figure 3**. All pertinent supporting field work documentation including equipment calibration logs, low-flow sampling tracking logs, and synoptic water level measurements logs are provided as **Appendix A**. A summary of the results of the sampling activities is provided below.

- Visual inspections indicated that all monitoring wells were in good condition and secure with the exception of monitoring wells MW-7D (missing a well lock and manway bolts) and MW-1 (TOC was broken). Monitoring well MW-9 was also observed to not be flush with the ground surface.
- The average depth to water (DTW) was 36.37 feet below TOC (58.44 feet above mean sea level [AMSL]). A summary of the groundwater gauging data is provided in **Table 1**. Based on the data, groundwater flow is to the southwest of the Site which is consistent with historical groundwater flow directionality. A groundwater monitoring map is provided as **Figure 4**.
- During low-flow sampling activities, stabilization readings were achieved for all of the parameters at all monitoring wells with the exception of the following: turbidity at MW-3; turbidity at MW-7S; turbidity and dissolved oxygen at MW-8D; turbidity at MW-9S; and, temperature, turbidity, pH, specific conductivity and oxidation-reduction potential at MW-9D. Turbidity values were below 50 NTUs at all wells; therefore, field filtering was not required for metals analyses. A summary of the final stabilization readings are provided in **Table 2**.
- The required low pumping rate of 0.5 to 1.5 liters per minute (or less) was achieved at all wells. During pumping, groundwater drawn-down did not exceed +/- 0.05 feet at any of the wells.

Decontamination procedures were completed as detailed in the GMP, excluding the use of nitric acid as approved by the NYSDEC. Approximately 55 gallons of decontamination and purge water was generated during the sampling activities. This investigation-derived waste (IDW) was containerized and properly disposed of off-Site at an approved facility. The waste manifest is provided as **Appendix B**.

- Chain-of-custody procedures were followed from the point of sample collection to receipt by TestAmerica Laboratories of Edison, New Jersey (TALED). Based upon the laboratory report, all samples were properly preserved and met the holding time criteria. A copy of the groundwater analytical data is provided as **Appendix C**.

- Based on the results of the February 2013 groundwater sampling event, one or more pesticides, SVOCs, VOCs, and metals compounds were detected above the GWQS in the monitoring well network at the Site. A summary of the detected contaminants is provided in **Table 1**. The table below summarizes the February 2013 sampling results:

Contaminant Category	Impacts Above the GWQS by Location in February 2013	Compound(s) Detected Above the GWQS & Maximum Concentration Observed:
Pesticides	Dissolved-phase pesticide impacts were detected above the GWQS in 11 of 14 monitoring wells. A summary of the monitoring wells with concentrations above the GWQS is detailed below. On-Site Wells: All on-Site monitoring wells (MW-1 through MW-6). Downgradient Wells: MW-7D, MW-10R and MW-11R. Upgradient Wells: MW-9S.	Compounds Above GWQS: Dieldrin, chlordane, and heptachlor epoxide. Maximum Concentration: Chlordane at 13 micrograms per liter (µg/L) detected in on-Site monitoring well MW-5, which is 260 times greater than the GWQS (0.05 µg/L).
SVOCs:	Dissolved-phase SVOCs were detected above the GWQS in two (2) of 14 monitoring wells. A summary of the monitoring wells with concentrations above the GWQS is detailed below. On-Site Wells: MW-5. Downgradient Wells: MW-10R. Upgradient Wells: SVOCs were not detected above the laboratory detection limits.	Compounds Above GWQS: Benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene. Maximum Concentration: Benzo(b)fluoranthene at 1.3 µg/L detected in on-Site monitoring well MW-5, which is 650 times greater than the GWQS (0.002 µg/L).

VOCs:	Dissolved-phase VOCs were detected above the GWQS in two (2) of 14 monitoring wells. A summary of the monitoring wells with concentrations above the GWQS is detailed below. On-Site Wells: VOCs were not detected above the GWQS at on-Site monitoring wells. Downgradient Wells: MW-7S. Upgradient Wells: MW-9D.	Compounds Above GWQS: Tetrachloroethene (PCE) was the only VOC that was detected above the GWQS for the entire well network in February 2013. Maximum Concentration: The maximum PCE concentration was detected in upgradient monitoring well MW-9D at 46 µg/L, which is more than 9 times greater than the GWQS (5 µg/L).
Metals:	One or more metals were detected above the GWQS in the all Site monitoring wells.	Compounds Above GWQS: Sodium and iron. Maximum Concentration: Sodium was detected in downgradient monitoring well MW-7S at 115,000 µg/L, which is over 5 times greater than the GWQS (20,000 µg/L).

- Per the *SMP*, the results of the February 2013 groundwater sampling event should be compared to the baseline sampling event conducted in July 2011. A summary of dissolved-phase groundwater trends for pesticides, SVOCs, VOCs, and metals are provided in **Table 3** through **Table 6**, respectively. A groundwater monitoring map detailing increasing trends in pesticides, SVOCs, and VOCs is provided as **Figure 4**. A summary of groundwater trends by contaminant category is provided below:

Contaminant Category	**INCREASING TRENDS ABOVE GWQS BY LOCATION:**	**INCREASING COMPOUNDS:** (Compounds listed if above GWQS and also observed as increasing from baseline sampling)
Pesticides	On-Site Wells: MW-3, MW-5 and MW-6. Downgradient Wells: MW-7D, MW-10R and MW-11R. Upgradient Wells: MW-9S and MW-9D. Note: Trends for chlordane could not be evaluated as this compound was not analyzed in July 2011.	-Dieldrin and heptachlor epoxide.
SVOCs:	On-Site Wells: MW-5 Downgradient Wells: None Upgradient Wells: None	-Benzo(a)anthracene, benzo(b)fluoranthene, and benzo(k)fluoranthene.

VOCs:	On-Site Wells: None. Downgradient Wells: MW-7S. Upgradient Wells: MW-9D.	-Tetrachloroethene (PCE).
Metals:	On-Site Wells: MW-4 and MW-6 Downgradient Wells: MW-7S, MW-8S, and MW-8D. Upgradient Wells: MW-9D	-Sodium.

3.3 COMPARISON OF GROUNDWATER RESULTS TO REMEDIAL OBJECTIVES

As discussed in the *SMP*, prior to completion of remedial activities on-Site, investigations and fate and transport modeling determined that pesticides were not migrating off-Site. Soil excavation was conducted in the parking lot to remove the source of impacts to the extent practical. The excavation was then backfilled with clean fill and the surface of the parking lot was paved with asphalt to mitigate soil flushing (i.e., groundwater infiltration). One of the goals of this remedial activity was to mitigate migration of the dissolved-phase plume to the extent practical. To evaluate the effectiveness of the remedial activities, the *SMP* requires groundwater monitoring activities to be conducted over a 10 year period to compare these results to the baseline sampling event conducted in July 2011.

Based on the groundwater analytical results from February 2013 groundwater sampling event (see **Section 3.2**), pesticides remain above the GWQS in on-Site, upgradient, and downgradient monitoring wells. Increasing dissolved-phase pesticide concentration trends were also observed in on-Site, upgradient, and downgradient monitoring wells. Therefore, the results suggest that soil excavation and installation of an asphalt cover system may not have effectively addressed the residual adsorbed- and dissolved-phase pesticide impacts on-Site or effectively controlled dissolved-phase pesticides from migrating off-Site.

3.4 GROUNDWATER MONITORING DEFICIENCIES

Below is brief summary of sampling activities which did not fully comply with the GMP in February 2013:

- Select field parameters were not stable prior to sampling as required at select wells. Sampling was conducted prior to stabilization due to time constraints;
- The use of nitric acid as part of the decontamination procedures described in section 3.7 of the GMP was not conducted as approved by the NYSDEC; and,
- The analytical methods specified in the GMP were not utilized as these listed methods did not match the NYSDEC laboratory contract requirements. However, the analytical methods and data quality requirements that were used in July 2011 were also used during the most recent sampling event conducted in February 2013 as approved by the NYSDEC.

3.5 GROUNDWATER MONITORING CONCLUSIONS

At the request of the NYSDEC, GES conducted groundwater sampling activities on February 25, 2013 in general accordance with the GMP and the *SMP*. Pesticides, SVOCs, VOCs, and metals were detected above the GWQS at the existing well network. A summary of the February 2013 groundwater sampling results is included below.

- Pesticides were the most predominant contaminants detected above the GWQS. The on-Site monitoring wells located in the vicinity of the former excavation have the highest number of pesticide compounds above the GWQS. Pesticide concentrations were detected above the GWQS and were observed to be increasing from the baseline sampling event in on-Site, downgradient, and upgradient monitoring wells.

- SVOCs were detected above the GWQS only in on-Site monitoring well MW-5 and downgradient monitoring well MW-10R. SVOCs were observed to be decreasing overall at the Site. Concentration trends for dissolved-phase SVOCs could not be evaluated at MW-10R since the baseline laboratory detection value (ND<0.30 µg/L) was greater than the detected value (0.27 µg/L; GWQS is 0.002 µg/L).

- The only VOC detected above the GWQS was PCE. PCE was detected above the GWQS (5 µg/L) in upgradient monitoring well MW-9D (46 µg/L) and downgradient monitoring well MW-7S (8.9 µg/L). Since the highest concentration of PCE was observed in upgradient well MW-9D and the PCE concentration had increased from the baseline sampling event (6.6 µg/L detected in July 2011), the source of these VOCs are not likely related to historical Site operations. Increasing PCE and TCE concentrations were also detected in on-Site monitoring well MW-6 but were below the GWQS.

Given that pesticides are the primary COCs for the Site, the results suggest that soil excavation and installation of an asphalt cover may not have effectively addressed pesticide impacts on-Site or controlled dissolved-phase pesticides from migrating off-Site. However, additional groundwater sampling is warranted to establish meaningful trends prior to determining if corrective measures are necessary.

4.0 ECs/ICs PLAN COMPLIANCE REPORT

The *SMP* was prepared for the Site following the completion of remedial activities and implementation of ECs/ICs at the Site. The *SMP* establishes Site management activities to be conducted in order to protect public health and the environment from residual contamination at the Site including monitoring of the ECs/ICs. The purpose of this section is to document the management of each EC/IC for the monitoring period between March 2012 and April 2013.

4.1 EC COMPLIANCE REPORT

The purpose of this section is to: (a) describe each EC, its objective and how performance of the control is evaluated; (b) summarize the status of each EC; (c) describe the corrective measures taken to address any deficiencies, if applicable; and, (d) provide recommendations for future management activities per the *SMP*.

A Site-Wide Inspection Form that was completed by a qualified environmental professional (QEP) is provided as **Appendix D** to support the discussion on the status of each EC.

Engineering Control (EC)	SUMMARY OF EC
Asphalt cover system.	**Objective:** An asphalt cover is in place on the western portion of the Site (parking lot) to eliminate exposure (via direct contact pathways) to remaining contamination beneath the Site. The asphalt cover also serves to limit soil flushing via groundwater infiltration in the source area to mitigate the migration of the dissolved-phase plume. **Monitoring Requirements:** This control is required to be visually inspected and maintained on a semi-annual basis. Inspections will note any cracks, depressions, and other irregularities that affect the asphalt surface. Maintenance will be performed to keep the asphalt surface intact. **Performance Evaluation Criteria:** The performance of the asphalt cover is evaluated based on changes in dissolved-phase pesticide concentrations. Decreasing or stable concentration trends indicate effectiveness. **Status:** The asphalt cover remains intact and in good condition. No corrective measures were required during the reporting period. Note: Based upon the February 2013 inspection, the Site was not secured as the retaining wall on the northwestern property boundary was broken. Therefore, a fence was installed to secure the Site. This work required penetrating the edge of the asphalt cover in three (3) locations near the retaining wall. Refer to **Appendix E** for further details on the fence installation. The EC may not be meeting its objective as dissolved-phase pesticides were observed to be increasing throughout the monitoring well network (see **Section 3.0**). **Future Management Activities:** Semi-annual inspections of the EC should continue as required by the *SMP*.

Stormwater trench drain to the north of the parking lot.	**Objective:** To drain stormwater away from the Site where residual contamination beneath the parking lot exists. Similar to the asphalt cover, the purpose of the storm water trench drain is to eliminate infiltration of water beneath the Site to control groundwater contamination. **Monitoring Requirements:** This control is required to be visually inspected and maintained on a semi-annual basis. **Performance Evaluation Criteria:** If the drain is in good physical condition and water in the drain flows away from the parking lot without pooling, then the EC is meeting its objective. **Status:** During the Site inspections, the stormwater trench drain was clear of obstructions and rainwater flowed from the parking lot to the drain without pooling. No corrective measures were necessary during the reporting period. **Future Management Activities:** Semi-annual inspections and maintenance of the EC should continue as required by the *SMP*.
Epoxy resin coating on the surface of the building floor.	**Objective:** To eliminate exposure via direct contact to remaining contamination on the concrete floor of the building. **Monitoring Requirements:** Semi-annual inspections should be conducted and note any irregularities that affect the integrity of the coating. Maintenance should be performed to keep the coating intact. **Performance Evaluation Criteria:** Contact with the surface floor is eliminated by an epoxy resin coating. If no significant irregularities are observed during inspections, the objective of the EC is being met. **Status:** In February 2013, GES observed two (2) irregularities with the epoxy resin coating that were determined to affect its integrity: #1-Small cracks along the major joints of the concrete slab were detected at select locations. #2-Water bubbles formed beneath the epoxy coating at select locations. **Corrective Measures:** The observed irregularities were corrected on April 30, 2013. Refer to **Appendix E** for further details on corrective measures taken. Although irregularities were observed, the EC remains effective as the property remained vacant during the monitoring period and the irregularities were addressed. **Future Management Activities:** Semi-annual inspections and maintenance of the EC should continue as required by the *SMP*.

Bridging encapsulant and overlying sheetrock wall on the northern and northeastern walls of the building interior.	**Objective:** To eliminate exposure to remaining ACM on the interior walls of the on-Site building. The sheetrock wall was constructed over the ACM mastic to prevent direct contact with the ACM. **Monitoring Requirements:** The encapsulant on the ACM is a permanent control and the quality and integrity of this system should be inspected semi-annually for the lifetime of the wall. **Performance Evaluation Criteria:** Contact with the ACM is eliminated by an encapsulant. If disturbances are not observed during inspections, the objective of the EC is being met. **Status:** The sheetrock wall overlying the encapsulant remains intact. No corrective measures were necessary. **Future Management Activities:** Semi-annual inspections of the EC should continue as required by the *SMP*.
Fencing around the perimeter of the Site.	**Objective:** Site security and access control is provided by fencing that encloses the parking lot. The objective of the fence is to prevent the public from entering the property and disturbing the ECs. **Monitoring Requirements:** The integrity of the fence and gate should be inspected semi-annually. Inspections will note any deficiencies, and maintenance should be performed to correct them. **Performance Evaluation Criteria:** If the fence remains intact and prevents the public from entering the property, then the objective of this EC is being met. **Status:** During the February 2013 Site inspection, the brick wall on the northwestern side of the Site was found partially destroyed. As a result, the Site was not secured. However, all other ECs were in good conditions. **Corrective Measures:** On March 20, 2013, a fence was installed to meet the requirements of this EC. Refer to **Appendix E** for further details of this work. Following the fence restoration activities, the EC was meeting its objectives. **Future Management Activities:** Semi-annual inspections of the EC should continue as required by the *SMP*.

4.2 EC CONCLUSIONS

During the February 2013 Site-wide inspection, the following ECs were found to be in compliance with all objectives: stormwater drain and sheet rock wall covering the ACM encapsulant. Corrective measures were completed between March and April 2013 pertaining to Site security issues and minor irregularities with the epoxy resin coating; however, these deficiencies were not considered significant because maintenance measures were conducted and the Site remained vacant and undeveloped for the duration of the monitoring period. Therefore, the Site security fencing and the epoxy resin coating ECs are in compliance with the *SMP* objectives.

Although the asphalt cover was observed to be in good condition and no maintenance was required, increasing trends of dissolved-phase contaminants were detected at on-Site, upgradient, and select downgradient monitoring wells during the reporting period. These results may indicate that this EC is not meeting its objectives. However, only one (1) sampling event is available for comparison to the baseline sampling event conducted in July 2011. Therefore, additional groundwater sampling is warranted to establish meaningful trends prior to determining if corrective measures are necessary.

4.3 IC COMPLIANCE REPORT

The purpose of this section is to: (a) describe each IC, its objective and how performance of the IC is evaluated; (b) summarize the status of each IC; (c) describe the corrective measures taken to address any deficiencies; and, (d) provided future management activities per the *SMP*.

A Site-Wide Inspection Form that was completed by a QEP is provided as **Appendix D** to support the discussion on the status of each IC, where applicable.

Institutional Control (IC)	**SUMMARY OF IC**
All ECs on the Controlled Property (i.e., the Site) must be inspected at a frequency and in a manner defined in the *SMP*.	**Objective:** To ensure that the ECs are inspected and, if necessary, maintained to eliminate exposure to residual contamination at the Site. **Monitoring Requirements:** Comprehensive Site-wide inspections should be conducted annually, regardless of the frequency of the PRR. Semi-annual inspections are required for ECs. **Performance Evaluation Criteria:** If comprehensive Site-wide inspections are conducted annually and ECs are inspected semi-annually, then the objective of this IC is being met. **Status:** A comprehensive Site-wide inspection was completed by a QEP between February and April of 2013. Therefore, this IC is in compliance. Refer to **Section 4.1** for further details on the status of each EC. **Future Management Activities:** Semi-annual inspections of the ECs should continue as required by the *SMP*. A comprehensive site-wide inspection should be completed annually per the *SMP*.

Compliance with the Environmental Notice, executed in March of 2012, and the *SMP* by the Grantor (i.e., property owner) and the Grantor's successors and assigns (i.e., any future tenants/owners).	**Objective:** To ensure that the current property owners (or future owners/tenants) are aware of the requirements of the *SMP* and deed restrictions. **Monitoring Requirements:** Annual or semi-annual Site-wide inspections should be conducted to ensure compliance with the environmental notice (or any updated environmental notices). **Performance Evaluation Criteria:** If the environmental notice is being complied with, then the objective of this IC is being met. **Status:** A new Site owner was identified during the February 2013 inspections. The owner's name, contact representative, and contact information were provided to the NYSDEC. The Site owner has not performed any work that is in violation of the requirements set forth in the existing Environmental Notice for this monitoring period. **Corrective Measures**: An updated Deed/Title search was completed in March 2013 so that the NYSDEC can pursue and execute an updated environmental notice. A copy of this report is attached in **Appendix F**. **Future Management Activities:** The NYSDEC is in the process of executing an Environmental Notice with the new property owner. A copy of this updated Environmental Notice will be attached to the *SMP* upon its execution. Annual or semi-annual Site-wide inspections should continue to be performed as required by the *SMP*.
Data and information pertinent to the Site management activities related to the Controlled Property (i.e., the Site) must be reported at the frequency and in manner defined in the *SMP*.	**Objective:** To ensure compliance with the *SMP*. Specifically, the goal of this IC is to identify any issues with the ECs/ICs at the Site within a reasonable timeframe so that corrective actions can be taken. **Performance Evaluation Criteria:** If data and information pertinent to the Site management activities are being reported, then the objective of this IC is being met. **Status:** All deficiencies to the ECs/ICs and changes to Site conditions were communicated to the NYSDEC within the required timeframes as per the *SMP*. **Future Management Activities:** Continue to report all future Site management activities in accordance with the *SMP* or as directed by the NYSDEC.
Excavation Work Plan, if applicable.	**Objective:** To eliminate the potential exposure to remaining contamination at the Site in the event soil excavation is necessary to complete Site redevelopment activities. **Monitoring Requirements:** Any work that will penetrate the soil and asphalt cover system, or encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system will be performed in compliance with the Excavation Work Plan that is attached as an appendix to the *SMP*. **Status:** This IC is not applicable for the monitoring period. No significant disturbances to the soil beneath the Site and asphalt cover were conducted. Minor disturbances were necessary to install a fence at the approval of the NYSDEC. Refer to **Appendix E** detailing the installation of a fence at the Site and asphalt resealing activities. **Future Management Activities:** Ensure the excavation work plan in the *SMP* is followed if Site redevelopment activities are necessary.

Groundwater monitoring must be performed as defined in the *SMP*.	**Objective:** The objective of the monitoring program is to evaluate the effectiveness of the remedial activities conducted at the Site by comparing the baseline sampling conducted in July 2011 to any future sampling activities. **Monitoring Requirements:** Groundwater sampling is required at the existing well network on a semi-annual basis for up to 10 years or as determined by the NYSDEC. **Performance Evaluation Criteria:** If groundwater monitoring is completed per the *SMP*, then then the objective of this IC is being met. **Status**: Groundwater sampling was completed in February 2013 at the request of the NYSDEC. This IC is in compliance. **Future Management Activities:** Conduct an additional round of groundwater sampling of the Site monitoring well network by August 2013. Groundwater sampling should continue thereafter semi-annually or at the request of the NYSDEC per the *SMP*.
Submission of periodic review reports (PRRs) and Electronic Data Deliverable (EDD) to the NYSDEC Electronic Information Management System (EIMS).	**Objective:** The objective of the submission of PRRs and EDDs is to ensure that the Site management activities are being communicated and reported to the NYSDEC. **Monitoring Requirements:** The *SMP* requires that the first PRR is to be submitted 18 months after the completion of the June 2012 *FER*, and every 3 years thereafter (or at the request of the NYSDEC). There is no timeframe for when EDDs are to be submitted in the *SMP*. **Performance Evaluation Criteria:** If PRRs and EDDs are being submitted in accordance with the *SMP*, then then the objective of this IC is being met. **Status:** This is the first *PRR* being submitted to the NYSDEC and has been prepared in advanced of the December 2013 deadline. An EDD for the groundwater sampling activities was submitted and approved by the NYSDEC data management group on April 1, 2013. **Future Management Activities:** Submit future PRRs at the required interval or at the request of the NYSDEC. EDDs should be submitted at the request of the NYSDEC.

4.4 IC CONCLUSIONS

All ICs are generally in compliance at the Site for the reporting period. The NYSDEC is in the process of executing an environment notice with the new property owner. GES also recommends that a PRR addendum be submitted to the NSYDEC following semi-annual groundwater sampling in the second half of 2013. The PRR addendum will analyze the groundwater concentrations trends to appropriately evaluate the effectiveness of the asphalt cover system.

4.5 ECs/ICs CERTIFICATION

Based on the details provided in **Section 4.1** through **Section 4.4**, ECs/ICs are in compliance with the requirements of the *SMP*. However, due to observed groundwater concentration trend increases, GES recommends that an additional round of groundwater sampling be completed prior to assessing if corrective measures are required at the Site to meet remedial objectives. The ECs/ICs certification form is provided in **Appendix G**.

5.0 REMEDY PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS EVALUATION

As detailed under **Section 4.0**, ECs/ICs were required to be implemented at the Site to protect human health and the environment. During the review period, Site ECs/ICs were generally observed to be in compliance with the *SMP* and maintenance was conducted during the reporting period where needed to ensure the integrity of select ECs.

The primary objectives of the ECs/ICs are to prevent direct contact with residual contamination at the Site and to stabilize and mitigate the off-Site migration of the dissolved-phase pesticide plume. The ECs/ICs are effectively preventing direct contact with pesticide impacts. However, although the asphalt cover system is in good condition, increasing concentrations of dissolved-phase pesticides were observed throughout the monitoring well network (in on-Site, upgradient, and downgradient monitoring wells) during the reporting period. Therefore, the ECs/ICs may not be meeting the objective of stabilizing the migration of the dissolved-phase pesticide plume. Because only one (1) round of groundwater sampling has been completed since the baseline samples were collected, additional groundwater sampling is required to establish meaningful groundwater pesticide concentration trends prior to determining if corrective measures are required to meet the *SMP* objectives.

6.0 CONCLUSIONS AND RECOMMENDATIONS

GES, on behalf of the NYSDEC, conducted Site management activities between March 2012 and April 2013 in accordance with the *SMP*. Site management activities included the completion of Site inspections, maintenance of ECs, and one (1) round of groundwater sampling. A summary of the work completed during the monitoring period is provided below.

- Site visits were conducted to evaluate the condition of existing ECs. The ECs were observed to be generally in good condition with the exception of a Site security issue (broken retaining wall on the northwestern portion of the Site) and irregularities noted with the epoxy resin (minor cracks and bubbles at select locations) that affected its integrity.

- To address Site security deficiency, a permanent fence was installed on the northwestern corner of the Site. To address integrity deficiencies with the epoxy, an additional coat of epoxy was applied as needed.

- To determine the effectiveness of the ECs in eliminating, to the extent practicable, the off-Site migration of contaminants that are above GWQSs, a groundwater monitoring program was implemented for the Site. In February 2013, groundwater monitoring was conducted in accordance with the *SMP* and the results were compared to the baseline sampling event conducted in July 2011. Based on the February 2013 results, the following conclusions were made:

    - Select dissolved-phase pesticides were detected at concentrations which are orders of magnitude greater than the GWQS in on-Site, upgradient, and downgradient monitoring wells. Increasing concentration trends of select dissolved-phase pesticides were also observed in on-Site, upgradient, and downgradient monitoring wells. These results suggest that soil excavation and installation of an asphalt cover may not have effectively addressed pesticide impacts on-Site or mitigated the plume migration. However, additional groundwater sampling is warranted to establish meaningful trends prior to determining if corrective measures are required to meet the objectives of the *SMP*.
    - An increase in select dissolved-phase SVOC concentrations were detected in on-Site monitoring well MW-5. However, it is generally observed that SVOCs are decreasing throughout the monitoring well network. Most notably, on-Site monitoring wells MW-4 and MW-6 which exceeded GWQS during the baseline sampling event exhibited non-detect SVOC concentrations during the February 2013 sampling event.
    - Dissolved-phase VOC concentrations were below the GWQS in all on-Site wells. PCE was the only VOC compound detected above the GWQS off-Site (in upgradient and downgradient monitoring wells MW-9D and MW-7S, respectively). Because the highest concentration of PCE was observed in upgradient monitoring well MW-9D and the concentration trend at this well is increasing, dissolved-phase VOC impacts are not likely related to historical Site operations.
    - Sodium and iron were the only metals detected above the GWQS in the monitoring well network. Although sodium was detected above the GWQS and increasing concentration trends were observed at select wells, these concentrations are likely comparable to background levels. Therefore, existing dissolved-phase metals concentrations are not likely related to historical Site operations.

Based on the information provided in this *PRR*, GES recommends the following actions:

- Completion of semi-annual Site inspections in accordance with the *SMP*;

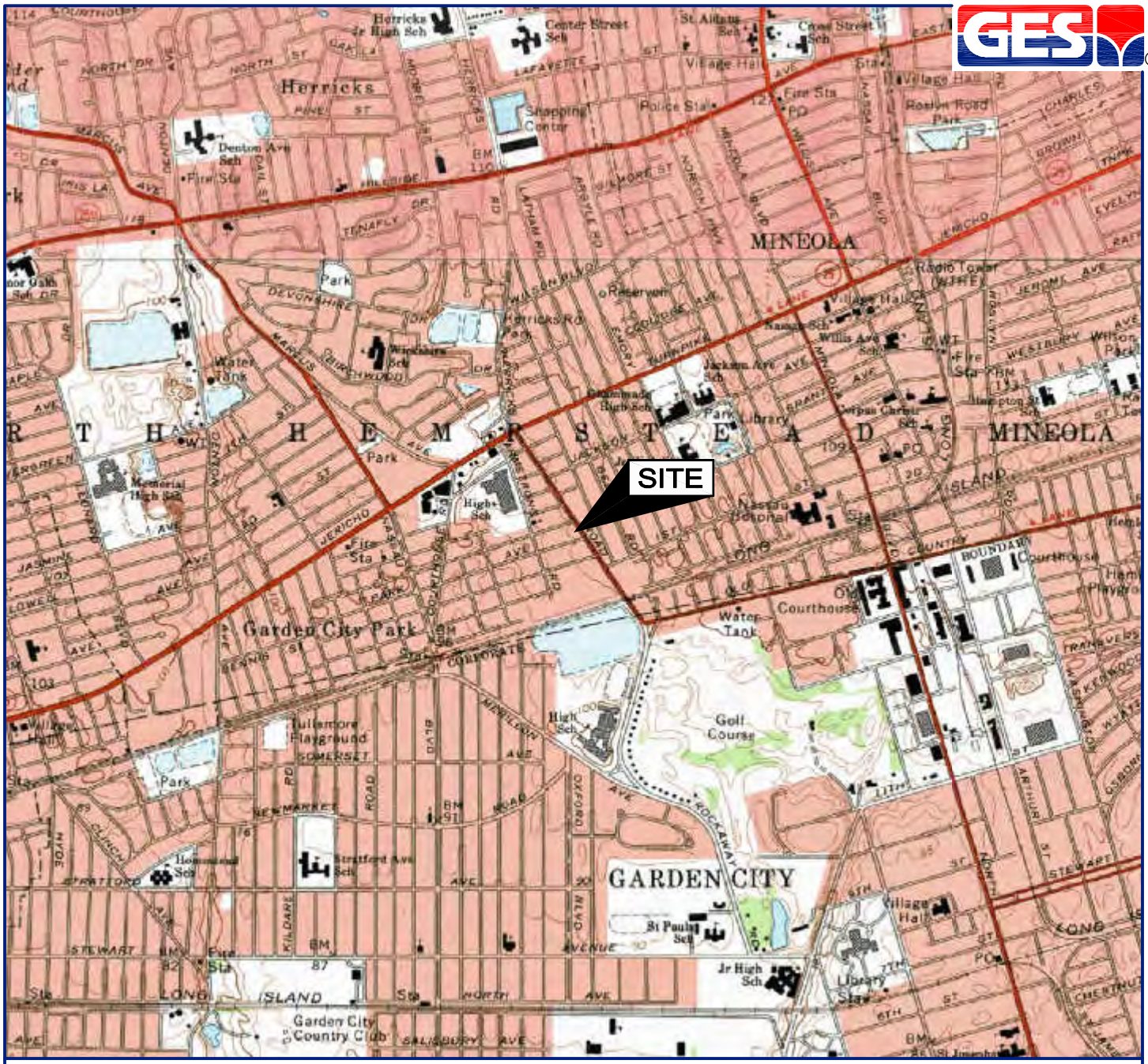
- Completion of groundwater monitoring activities for pesticides, SVOCs, VOCs, and metals in accordance with the *SMP*. The next round of sampling is recommended to be completed in July or August of 2013. These results will be compared to the baseline and the February 2013 sampling events to determine concentration trends at the existing monitoring well network. Groundwater concentration trend results will then be utilized to evaluate the need for implementation of corrective measures at the Site;

- Investigation of potential off-Site and upgradient sources of VOCs. Based on the results of this investigation, GES may recommend to discontinue future groundwater sampling for VOCs; and,

- Review of all available records from regulatory agencies to determine if dissolved-phase pesticides are present in shallow observation wells N-12005, N-11738, and N-11739 that are located downgradient (southwest) of the Site. This data may be used to supplement future evaluations of the stability of the dissolved-phase pesticide plume and facilitate an evaluation of the need for corrective measures at the Site.

Following completion of the activities proposed above, GES will submit an addendum to this *PRR* in accordance with the *SMP*. The addendum will summarize groundwater concentration trends and provide recommendations related to the need for corrective actions at the Site. Pending NYSDEC approval of this *PRR*, GES will continue to perform semi-annual inspections and, if warranted, conduct maintenance activities for the ECs to ensure compliance with the *SMP*.

FIGURES



SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1969
LYNBROOK, NEW YORK
CONTOUR INTERVAL = 5'

QUADRANGLE LOCATION

DRAFTED BY: W.G.S. (N.J.)	SITE LOCATION MAP
CHECKED BY:	FUMEX SANITATION, INC.–NYSDEC SITE #130041 SECTION 33 BLOCK 174 LOT 58 131 HERRICKS ROAD GARDEN CITY PARK, NASSAU COUNTY, NEW YORK
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 95 HOFFMAN LANE, SUITE H, ISLANDIA, NY 11749

SCALE IN FEET	DATE	FIGURE
0 2000	5–2–13	1

M:\Graphics\0500-Long Island\Misc\NYSDEC\Garden City Park\Garden City Park SLM.dwg, Layout1, WShea

REFERENCES

1) BEING KNOWN AND DESIGNATED AS LOTS 44, 45, 46, 47, AND 48, IN BLOCK 12 AS SHOWN ON A MAP ENTITLED, "MAP OF MINEOLA WEST, SITUATED IN THE TOWN OF NORTH HEMPSTEAD, NASSAU CO., N.Y., OWNED BY MINEOLA WEST CORP'N.," DATED MAY 16, 1925, AND FILED IN THE NASSAU COUNTY CLERK'S OFFICE ON JUNE 16, 1925 AS MAP NO. 562, CASE NO. 544.

2) MAP ENTITLED, "DEPARTMENT OF PUBLIC WORKS, NASSAU COUNTY, N.Y., MAP SHOWING REAL PROPERTY TO BE ACQUIRED FOR SANITARY SEWER AND/OR OTHER PUBLIC PURPOSES, BEING WASHINGTON AVE. AND VARIOUS OTHER STREETS IN SEWAGE COLLECTION DISTRICT NO. 2–NHP INCORPORATED VILLAGE OF GARDEN CITY AND VICINITY OF NEW HYDE PARK, TOWNS OF HEMPSTEAD AND NORTH HEMPSTEAD," DATED APRIL 1957, AND FILED IN THE NASSAU COUNTY CLERK'S OFFICE AS MAP NO. 6912.

3) THE FOLLOWING DEED BOOKS/PAGES:

4993/425, 4992/429, 11755/675, 12544/578, 11999/829, 1144/472, 1447/425, 1818/421, 5144/442, 9670/613

4) MAP ENTITLED "SITE REMEDIATION PLAN, SOIL EXCAVATION AND ASPHALT COVER INSTALLATION CONTRACT NO. D007692" PREPARED BY DVIRKA AND BARTILUCCI, DATED OCTOBER 2009.

5) MAP ENTITLED "FUMEX SATIATION SITE, TOWN OF NEW HYDE PARK, NASSAU COUNTY, NEW YORK" DATED AUGUST, 2006 BY YEC, INC., DONALD R. STEDGE, P.L.S.

WELL SUMMARY

WELL NUMBER	GRADE ELEV	OUTER CASING	INNER CASING	NORTHING	EASTING	LATITUDE	LONGITUDE
MW–1	96.2	96.25	95.95	209167.0	1079975.5	N40.74027358°	W73.65456117°
MW–2	96.7	96.68	96.41	209140.9	1079984.2	N40.74020181°	W73.65453011°
MW–3	96.3	96.32	95.97	209173.9	1080008.8	N40.74029233°	W73.65444067°
MW–4	96.2	96.23	96.08	209157.8	1080001.4	N40.74024803°	W73.65446775°
MW–5	96.1	96.14	95.88	209159.9	1079986.5	N40.74025411°	W73.65452144°
MW–6	96.3	96.28	95.79	209155.2	1079990.2	N40.74024108°	W73.65450825°
MW–7D	88.3	88.32	88.06	208604.1	1079597.2	N40.73873272°	W73.65593411°
MW–7S	88.2	88.22	87.92	208603.2	1079594.4	N40.73873036°	W73.65594414°
MW–8D	98.2	98.16	97.93	207959.1	1079208.8	N40.73696656°	W73.65734483°
MW–8S	98.5	98.51	98.24	207960.7	1079206.4	N40.73697097°	W73.65735353°
MW–9D	94.0	94.40	93.67	209446.3	1079886.2	N40.74104117°	W73.65487931°
MW–9S	94.1	94.70	94.01	209447.4	1079889.6	N40.74104414°	W73.65486714°
MW–10R	95.9	95.87	95.51	208969.9	1079917.2	N40.73973328°	W73.65477422°
MW–11R	96.2	96.17	95.93	208989.8	1079977.9	N40.73978725°	W73.65455486°

SIGN LEGEND

S1	STOP
S2	STREET SIGN
S3	SPEED LIMIT 40
S4	NO STOPPING

LEGEND

- B — BOLLARD
- UTILITY POLE
- OHE — OVERHEAD WIRES
- EDGE OF PAVEMENT
- CURB
- DEPRESSED CURB
- FIRE HYDRANT
- –W– WATER MARK–OUT
- WV — WATER VALVE
- –G– GAS MARK–OUT
- GV — GAS VALVE
- –o– SIGN
- x——x CHAIN LINK FENCE
- MW — MONITORING WELL
- RD — ROOF DRAIN
- AREA OF ENVIRONMENTAL EASEMENT

COVENANTS AND RESTRICTIONS AND/OR AGREEMENTS PER ROYAL REGISTERED PROPERTY REPORT TO MAY 2, 2011

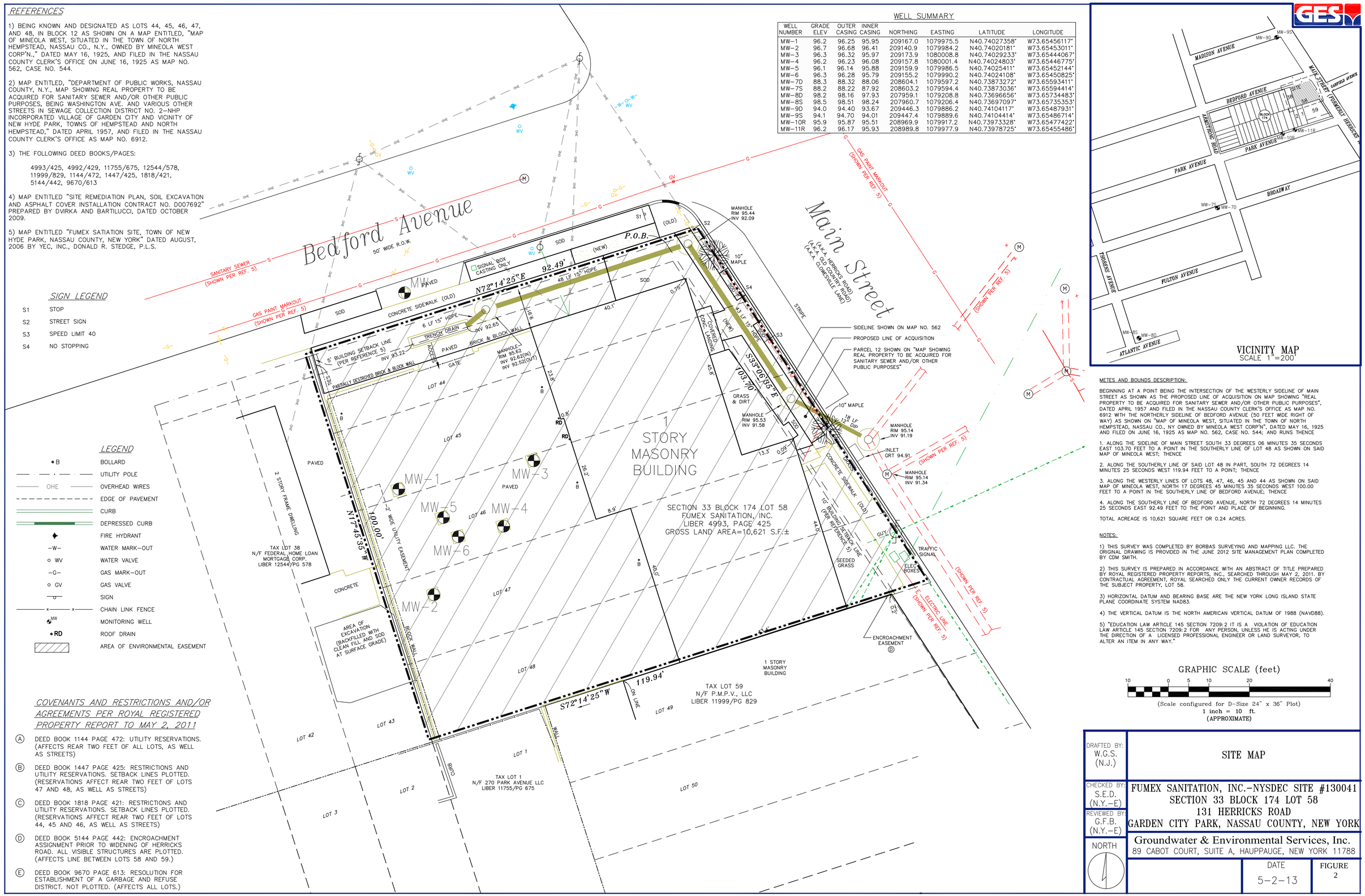
(A) DEED BOOK 1144 PAGE 472: UTILITY RESERVATIONS. (AFFECTS REAR TWO FEET OF ALL LOTS, AS WELL AS STREETS)

(B) DEED BOOK 1447 PAGE 425: RESTRICTIONS AND UTILITY RESERVATIONS. SETBACK LINES PLOTTED. (RESERVATIONS AFFECT REAR TWO FEET OF LOTS 47 AND 48, AS WELL AS STREETS)

(C) DEED BOOK 1818 PAGE 421: RESTRICTIONS AND UTILITY RESERVATIONS. SETBACK LINES PLOTTED. (RESERVATIONS AFFECT REAR TWO FEET OF LOTS 44, 45 AND 46, AS WELL AS STREETS)

(D) DEED BOOK 5144 PAGE 442: ENCROACHMENT ASSIGNMENT PRIOR TO WIDENING OF HERRICKS ROAD. ALL VISIBLE STRUCTURES ARE PLOTTED. (AFFECTS LINE BETWEEN LOTS 58 AND 59.)

(E) DEED BOOK 9670 PAGE 613: RESOLUTION FOR ESTABLISHMENT OF A GARBAGE AND REFUSE DISTRICT. NOT PLOTTED. (AFFECTS ALL LOTS.)



VICINITY MAP
SCALE 1"=200'

METES AND BOUNDS DESCRIPTION:

BEGINNING AT A POINT BEING THE INTERSECTION OF THE WESTERLY SIDELINE OF MAIN STREET AS SHOWN AS THE PROPOSED LINE OF ACQUISITION ON MAP SHOWING "REAL PROPERTY TO BE ACQUIRED FOR SANITARY SEWER AND/OR OTHER PUBLIC PURPOSES", DATED APRIL 1957 AND FILED IN THE NASSAU COUNTY CLERK'S OFFICE AS MAP NO. 6912 WITH THE NORTHERLY SIDELINE OF BEDFORD AVENUE (50 FEET WIDE RIGHT OF WAY) AS SHOWN ON "MAP OF MINEOLA WEST, SITUATED IN THE TOWN OF NORTH HEMPSTEAD, NASSAU CO., NY OWNED BY MINEOLA WEST CORP'N", DATED MAY 16, 1925 AND FILED ON JUNE 16, 1925 AS MAP NO. 562, CASE NO. 544; AND RUNS THENCE

1. ALONG THE SIDELINE OF MAIN STREET SOUTH 33 DEGREES 06 MINUTES 35 SECONDS EAST 103.70 FEET TO A POINT IN THE SOUTHERLY LINE OF LOT 48 AS SHOWN ON SAID MAP OF MINEOLA WEST; THENCE

2. ALONG THE SOUTHERLY LINE OF SAID LOT 48 IN PART, SOUTH 72 DEGREES 14 MINUTES 25 SECONDS WEST 119.94 FEET TO A POINT; THENCE

3. ALONG THE WESTERLY LINES OF LOTS 48, 47, 46, 45 AND 44 AS SHOWN ON SAID MAP OF MINEOLA WEST, NORTH 17 DEGREES 45 MINUTES 35 SECONDS WEST 100.00 FEET TO A POINT IN THE SOUTHERLY LINE OF BEDFORD AVENUE; THENCE

4. ALONG THE SOUTHERLY LINE OF BEDFORD AVENUE, NORTH 72 DEGREES 14 MINUTES 25 SECONDS EAST 92.49 FEET TO THE POINT AND PLACE OF BEGINNING.

TOTAL ACREAGE IS 10,621 SQUARE FEET OR 0.24 ACRES.

NOTES:

1) THIS SURVEY WAS COMPLETED BY BORBAS SURVEYING AND MAPPING LLC. THE ORIGINAL DRAWING IS PROVIDED IN THE JUNE 2012 SITE MANAGEMENT PLAN COMPLETED BY CDM SMITH.

2) THIS SURVEY IS PREPARED IN ACCORDANCE WITH AN ABSTRACT OF TITLE PREPARED BY ROYAL REGISTERED PROPERTY REPORTS, INC., SEARCHED THROUGH MAY 2, 2011. BY CONTRACTUAL AGREEMENT, ROYAL SEARCHED ONLY THE CURRENT OWNER RECORDS OF THE SUBJECT PROPERTY, LOT 58.

3) HORIZONTAL DATUM AND BEARING BASE ARE THE NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM NAD83.

4) THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

5) "EDUCATION LAW ARTICLE 145 SECTION 7209:2 IT IS A VIOLATION OF EDUCATION LAW ARTICLE 145 SECTION 7209:2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY."

GRAPHIC SCALE (feet)

10 0 5 10 20 40

(Scale configured for D–Size 24" x 36" Plot)
1 inch = 10 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)
CHECKED BY: S.E.D. (N.Y.–E)
REVIEWED BY: G.F.B. (N.Y.–E)
NORTH

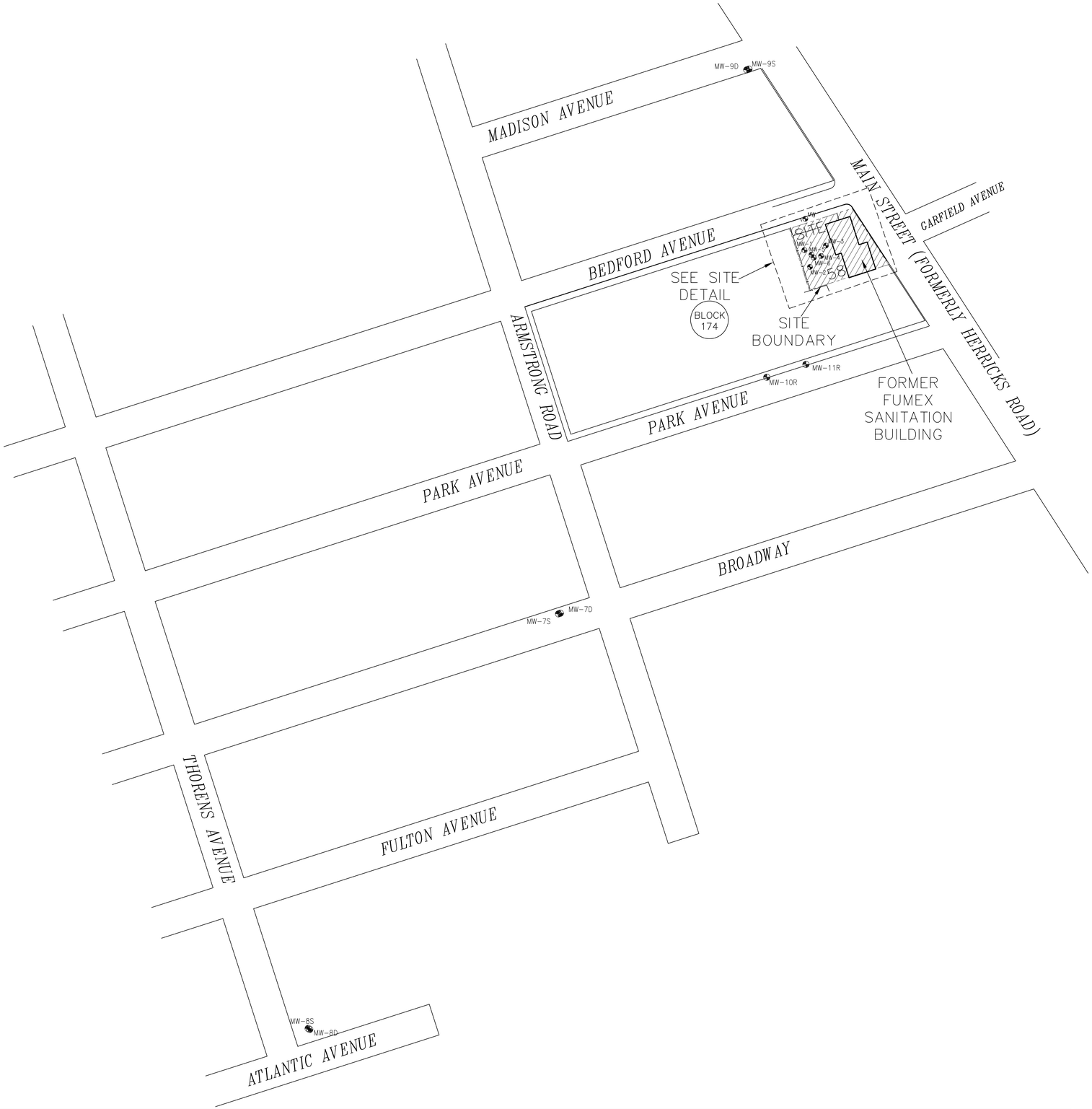
SITE MAP

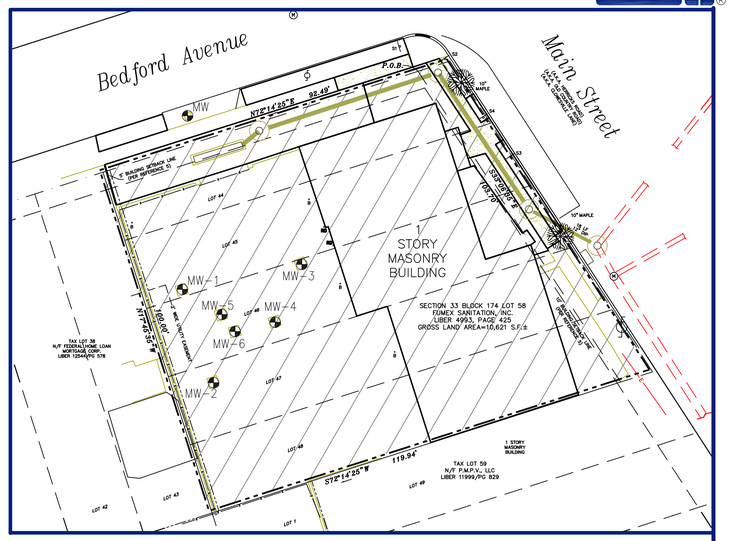
FUMEX SANITATION, INC.–NYSDEC SITE #130041
SECTION 33 BLOCK 174 LOT 58
131 HERRICKS ROAD
GARDEN CITY PARK, NASSAU COUNTY, NEW YORK

Groundwater & Environmental Services, Inc.
89 CABOT COURT, SUITE A, HAUPPAUGE, NEW YORK 11788

DATE 5–2–13

FIGURE 2





SITE DETAIL
SCALE 1"=20'

LEGEND

- PROPERTY BOUNDARY
- FENCE
- MONITORING WELL
- AREA OF ENVIRONMENTAL EASEMENT

NOTES:

1) ALTA SURVEY WAS COMPLETED BY BORBAS SURVEYING AND MAPPING, LLC. REFER TO ORIGINAL DRAWINGS PROVIDED IN THE JUNE 2012 SITE MANAGEMENT PLAN PREPARED BY CDM SMITH.

2) HORIZONTAL DATUM AND BEARING BASE ARE THE NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM NAD83.

3) THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

4) "EDUCATION LAW ARTICLE 145 SECTION 7209:2 IT IS A VIOLATION OF EDUCATION LAW ARTICLE 145 SECTION 7209:2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY."

WELL SUMMARY

WELL NUMBER	GRADE ELEV	OUTER CASING	INNER CASING	NORTHING	EASTING	LATITUDE	LONGITUDE
MW-1	96.2	96.25	95.95	209167.0	1079975.5	N40.74027358°	W73.65456117°
MW-2	96.7	96.68	96.41	209140.9	1079984.2	N40.74020181°	W73.65453011°
MW-3	96.3	96.32	95.97	209173.9	1080008.8	N40.74029233°	W73.65444067°
MW-4	96.2	96.23	96.08	209157.8	1080001.4	N40.74024803°	W73.65446775°
MW-5	96.1	96.14	95.88	209159.9	1079986.5	N40.74025411°	W73.65452144°
MW-6	96.3	96.28	95.79	209155.2	1079990.2	N40.74024108°	W73.65450825°
MW-7D	88.3	88.32	88.06	208604.1	1079597.2	N40.73873272°	W73.65593411°
MW-7S	88.2	88.22	87.92	208603.2	1079594.4	N40.73873036°	W73.65594414°
MW-8D	98.2	98.16	97.93	207959.1	1079208.8	N40.73696656°	W73.65734483°
MW-8S	98.5	98.51	98.24	207960.7	1079206.4	N40.73697097°	W73.65735353°
MW-9D	94.0	94.40	93.67	209446.3	1079886.2	N40.74104117°	W73.65487931°
MW-9S	94.1	94.70	94.01	209447.4	1079889.6	N40.74104414°	W73.65486714°
MW-10R	95.9	95.87	95.51	208969.9	1079917.2	N40.73973328°	W73.65477422°
MW-11R	96.2	96.17	95.93	208989.8	1079977.9	N40.73978725°	W73.65455486°

GRAPHIC SCALE (feet)

80 0 40 80 160 240

(Scale configured for D-Size 24" x 36" Plot)
1 inch = 80 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)	SITE VICINITY MAP
CHECKED BY: S.E.D. (N.Y.-E)	FUMEX SANITATION, INC.-NYSDEC SITE #130041 SECTION 33 BLOCK 174 LOT 58 131 HERRICKS ROAD GARDEN CITY PARK, NASSAU COUNTY, NEW YORK
REVIEWED BY: G.F.B. (N.Y.-E)	Groundwater & Environmental Services, Inc. 89 CABOT COURT, SUITE A, HAUPPAUGE, NEW YORK 11788
NORTH	DATE 5-13-13 / FIGURE 3

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-9S	4,4'-DDD	0.3	ND<0.013	**0.033**
	alpha-Chlordane	NS	0.03	**0.14**
	Chlordane	0.05	-	1.6
	Dieldrin	0.001	0.07	**0.25**
	gamma-Chlordane	NS	0.02	**0.080**
	Heptachlor epoxide	0.03	0.03	**0.0960**

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-9D	4,4'-DDD	0.3	ND<0.014	**0.061**
	MTBE	10	ND<0.17	**0.25**
	Tetrachloroethene (PCE)	5	6.6	**46**

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-5	alpha-Chlordane	NS	0.82	**1.8**
	Benzo[a]anthracene	0.002	0.51	**0.64**
	Benzo[a]pyrene	MDL	0.76	0.09
	Benzo[b]fluoranthene	0.002	1.00	**1.3**
	Benzo[k]fluoranthene	0.002	0.47	**0.66**
	Chlordane	0.05	-	13
	Dieldrin	0.001	0.24	**0.28**
	gamma-Chlordane	NS	0.73	**1.3**
	Heptachlor epoxide	0.03	ND<0.0055	**0.28**
	Indeno[1,2,3-cd]pyrene	0.002	1.30	0.55

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-6	Chlordane	0.05	-	1.6
	Dieldrin	0.001	0.13	0.13
	Heptachlor epoxide	0.03	0.03	**0.048**
	Tetrachloroethene (PCE)	5	ND<0.82	**2.5**
	Trichloroethene (TCE)	5	ND<0.62	**1.5**

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-2	Dieldrin	0.001	2.7	0.036
	Chlordane	0.05	-	1.9

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-11R	alpha-Chlordane	NS	0.01	**0.060**
	Chlordane	0.05	-	0.57
	Dieldrin	0.001	0.05	**0.23**
	gamma-Chlordane	NS	ND<0.0084	**0.03**
	Heptachlor epoxide	0.03	0.02	**0.14**
	Tetrachloroethene (PCE)	5	ND<0.81	**0.8**

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-10R	alpha-Chlordane	NS	0.02	**0.045**
	Benzo[a]anthracene	0.002	ND<0.30	0.27
	Dieldrin	0.001	0.07	**0.13**
	Tetrachloroethene (PCE)	5	ND<0.81	**1.0**

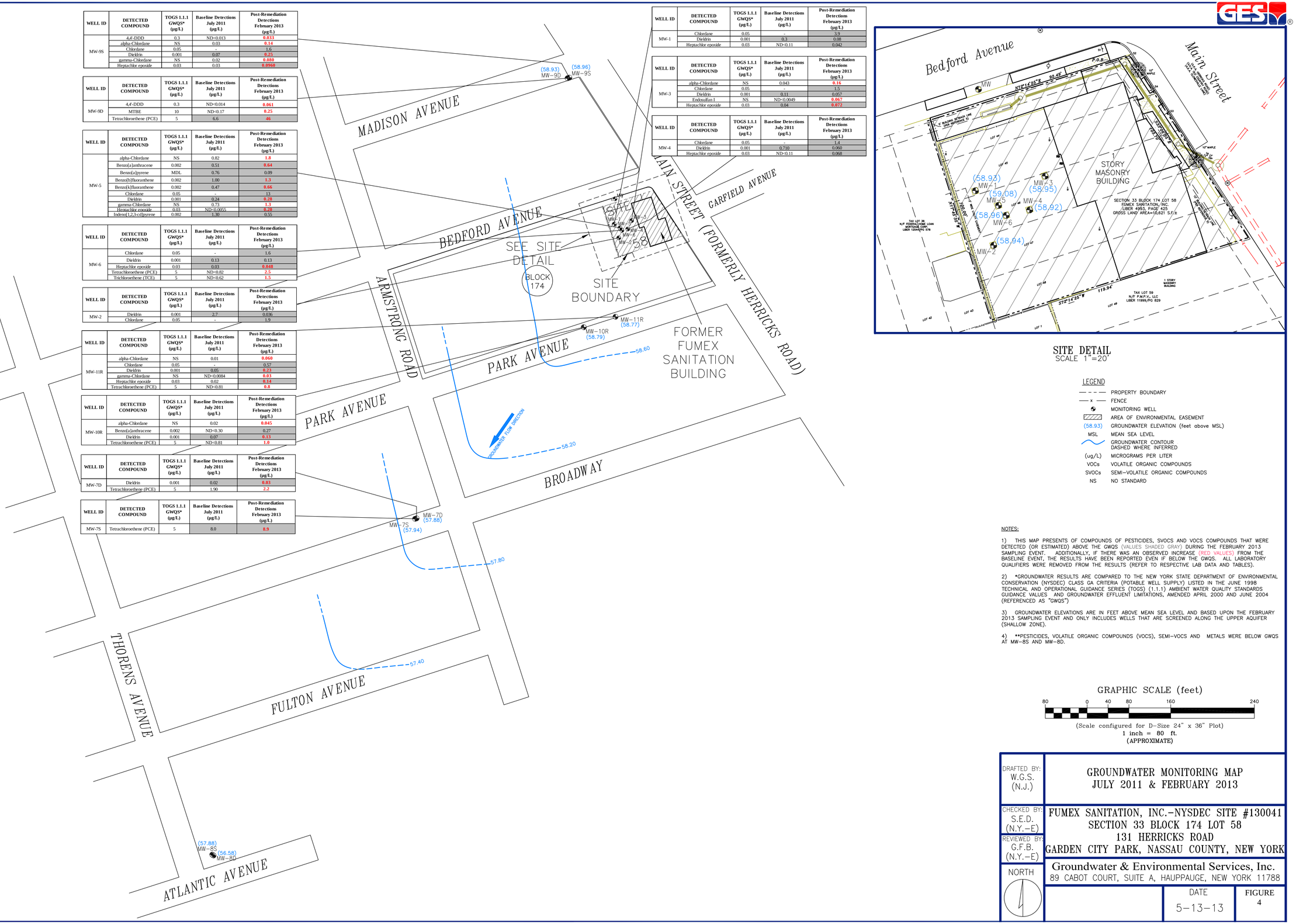
WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-7D	Dieldrin	0.001	0.02	**0.03**
	Tetrachloroethene (PCE)	5	1.90	**2.2**

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-7S	Tetrachloroethene (PCE)	5	8.0	**8.9**

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-1	Chlordane	0.05	-	3.9
	Dieldrin	0.001	0.3	0.08
	Heptachlor epoxide	0.03	ND<0.11	0.042

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-3	alpha-Chlordane	NS	0.043	**0.16**
	Chlordane	0.05	-	1.5
	Dieldrin	0.001	0.11	0.057
	Endosulfan I	NS	ND<0.0049	**0.067**
	Heptachlor epoxide	0.03	0.04	**0.072**

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-4	Chlordane	0.05	-	1.4
	Dieldrin	0.001	0.710	0.060
	Heptachlor epoxide	0.03	ND<0.11	0.068



SITE DETAIL
SCALE 1"=20'

LEGEND

— — —	PROPERTY BOUNDARY
— x —	FENCE
⊕	MONITORING WELL
▨	AREA OF ENVIRONMENTAL EASEMENT
(58.93)	GROUNDWATER ELEVATION (feet above MSL)
MSL	MEAN SEA LEVEL
~	GROUNDWATER CONTOUR DASHED WHERE INFERRED
(ug/L)	MICROGRAMS PER LITER
VOCs	VOLATILE ORGANIC COMPOUNDS
SVOCs	SEMI-VOLATILE ORGANIC COMPOUNDS
NS	NO STANDARD

NOTES:

1) THIS MAP PRESENTS OF COMPOUNDS OF PESTICIDES, SVOCS AND VOCS COMPOUNDS THAT WERE DETECTED (OR ESTIMATED) ABOVE THE GWQS (VALUES SHADED GRAY) DURING THE FEBRUARY 2013 SAMPLING EVENT. ADDITIONALLY, IF THERE WAS AN OBSERVED INCREASE (RED VALUES) FROM THE BASELINE EVENT, THE RESULTS HAVE BEEN REPORTED EVEN IF BELOW THE GWQS. ALL LABORATORY QUALIFIERS WERE REMOVED FROM THE RESULTS (REFER TO RESPECTIVE LAB DATA AND TABLES).

2) *GROUNDWATER RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) CLASS GA CRITERIA (POTABLE WELL SUPPLY) LISTED IN THE JUNE 1998 TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) (1.1.1) AMBIENT WATER QUALITY STANDARDS GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS, AMENDED APRIL 2000 AND JUNE 2004 (REFERENCED AS "GWQS")

3) GROUNDWATER ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL AND BASED UPON THE FEBRUARY 2013 SAMPLING EVENT AND ONLY INCLUDES WELLS THAT ARE SCREENED ALONG THE UPPER AQUIFER (SHALLOW ZONE).

4) **PESTICIDES, VOLATILE ORGANIC COMPOUNDS (VOCS), SEMI-VOCS AND METALS WERE BELOW GWQS AT MW-8S AND MW-8D.

GRAPHIC SCALE (feet)

80 0 40 80 160 240

(Scale configured for D-Size 24" x 36" Plot)
1 inch = 80 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)	GROUNDWATER MONITORING MAP JULY 2011 & FEBRUARY 2013
CHECKED BY: S.E.D. (N.Y.-E)	FUMEX SANITATION, INC.-NYSDEC SITE #130041 SECTION 33 BLOCK 174 LOT 58 131 HERRICKS ROAD GARDEN CITY PARK, NASSAU COUNTY, NEW YORK
REVIEWED BY: G.F.B. (N.Y.-E)	Groundwater & Environmental Services, Inc. 89 CABOT COURT, SUITE A, HAUPPAUGE, NEW YORK 11788
NORTH	DATE 5-13-13 / FIGURE 4

TABLES

Table 1

DETECTED CONTAMINANTS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

Site ID-WELL ID - Sample Depth	Date	Top of Well Casing (ft AMSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft AMSL)	Measured Well Depth to Bottom (ft)	1,1 Dichloroethene (µg/L)	1,1,1 Trichloroethane (µg/L)	4,4-DDD (µg/L)	Alpha Chlordane (µg/L)	Aluminum (µg/L)	Arsenic (µg/L)
Chemical Abstract Service Registry Number (CAS RN):						75-35-4	71-55-6	72-54-8	5103-71-9	7429-90-5	7440-38-2
TOGS 1.1.1 GWQS*						**5**	**5**	**0.3**	**NS**	**2,000**	**25**
130041-MW-1-45FT	02/25/2013	95.95	37.02	58.93	49.91	ND<0.090	ND<0.060	ND<0.010	0.41	ND<43.8	ND<1.8
130041-MW-2-45FT		96.41	37.47	58.94	51.00	ND<0.090	ND<0.060	0.12	0.19	120	ND<1.8
130041-MW-3-45FT		95.97	37.02	58.95	53.46	ND<0.090	ND<0.060	ND<0.011	0.16	ND<43.8	ND<1.8
130041-MW-4-45FT		96.08	37.16	58.92	50.33	ND<0.090	ND<0.060	0.027 J	0.13	ND<43.8	ND<1.8
130041-MW-5-45FT		95.88	36.96	58.92	52.60	ND<0.090	ND<0.060	ND<0.052	1.8	139	3.7
130041-MW-6-55FT		95.79	36.83	58.96	118.86	ND<0.090	0.22 J	ND<0.010	0.27	ND<43.8	ND<1.8
130041-MW-7D-55FT		88.06	30.12	57.94	120.00	ND<0.090	0.37 J	ND<0.010	ND<0.0076	ND<43.8	ND<1.8
130041-MW7S-40FT		87.92	30.04	57.88	49.05	ND<0.090	ND<0.060	ND<0.010	ND<0.0076	356	ND<1.8
130041-MW8D-58FT		97.93	41.35	56.58	125.94	ND<0.090	ND<0.060	ND<0.010	ND<0.0076	82.9	ND<1.8
130041-MW8S-50FT		98.24	41.62	56.62	57.42	ND<0.090	ND<0.060	ND<0.011	ND<0.0080	84.3	3.8
130041-MW9D-80FT		93.67	34.74	58.93	117.24	1.0	0.37 J	0.061	ND<0.0080	ND<43.8	ND<1.8
130041-MW-9S-40FT		94.01	35.05	58.96	49.10	ND<0.090	ND<0.060	0.033	0.14	1,380	ND<1.8
130041-MW10R-45FT		95.51	36.72	58.79	49.03	ND<0.090	ND<0.060	ND<0.011	0.045	204	ND<1.8
130041-MW11R-45FT		95.93	37.16	58.77	49.15	ND<0.090	ND<0.060	ND<0.010	0.060	1,300	ND<1.8

Note:
-Only compounds that were detected by the laboratory in any sample are provided in this table. Only J qualifers were included (refer to respective laboratory for others applied). Light/Dense non-aqueous phase liquids (L/DNAPL) were not historically present at the Site, nor were they detected during the sampling event. Groundwater sampling was conducted via low-flow sampling techniques as described in the Groundwater Monitoring Plan (GMP) section of the June 2012 *Site Management Plan.*

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations* , amended April 2000 and June 2004.
*	Standards are based upon class GA criteria (potable water supply)
AMSL	= Above Mean Sea Level
ft	= Feet
GWQS	= Ground Water Quality Standard
J	= Laboratory Estimated Concentration.
MTBE	= Methyl Tertiary Butyl Ether
ND<#	= Not Detected. Where an Analyte is Not detected, the method detection limit is given.
MDL	=Standard is method detection limit (MDL)
NS	= Not Standard
TOC	= Top of Casing
µg/L	= Micrograms/Liter
	= Detected compound is above the GWQS

Table 1

DETECTED CONTAMINANTS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

Site ID-WELL ID - Sample Depth	Date	Top of Well Casing (ft AMSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft AMSL)	Measured Well Depth to Bottom (ft)	Barium (µg/L)	Benzo(a) anthracene (µg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(k) fluoranthene (µg/L)	Beryllium (µg/L)	Calcium (µg/L)	Chlordane (µg/L)	Chloroform (µg/L)
Chemical Abstract Service Registry Number (CAS RN):						7440-39-3	56-55-3	50-32-8	205-99-2	207-08-9	7440-41-7	7440-43-9	57-74-9	67-66-3
TOGS 1.1.1 GWQS*						**1,000**	**0.002**	**MDL**	**0.002**	**0.002**	**NS**	**NS**	**0.05**	**7**
130041-MW-1-45FT	02/25/2013	95.95	37.02	58.93	49.91	51.1	ND<0.27	ND<0.14	ND<0.26	ND<0.26	ND<0.8	15,100	3.9	0.13 J
130041-MW-2-45FT		96.41	37.47	58.94	51.00	47.3	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	8,210	1.9	ND<0.080
130041-MW-3-45FT		95.97	37.02	58.95	53.46	77.9	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	14,100	1.5	ND<0.080
130041-MW-4-45FT		96.08	37.16	58.92	50.33	71.6	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	12,000	1.4	ND<0.080
130041-MW-5-45FT		95.88	36.96	58.92	52.60	80.3	0.64 J	0.92 J	1.3	0.66 J	ND<0.8	13,900	13	ND<0.080
130041-MW-6-55FT		95.79	36.83	58.96	118.86	76.9	ND<0.27	ND<0.14	ND<0.26	ND<0.26	ND<0.8	22,000	1.6	ND<0.080
130041-MW-7D-55FT		88.06	30.12	57.94	120.00	54.6	ND<0.27	ND<0.14	ND<0.26	ND<0.26	ND<0.8	22,100	ND<0.32	ND<0.080
130041-MW7S-40FT		87.92	30.04	57.88	49.05	135	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	32,900	ND<0.32	ND<0.080
130041-MW8D-58FT		97.93	41.35	56.58	125.94	15.2	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	5,200	ND<0.32	ND<0.080
130041-MW8S-50FT		98.24	41.62	56.62	57.42	23.9	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	10,900	ND<0.33	ND<0.080
130041-MW9D-80FT		93.67	34.74	58.93	117.24	49.9	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	22,900	ND<0.33	0.27 J
130041-MW-9S-40FT		94.01	35.05	58.96	49.10	65.4	ND<0.27	ND<0.14	ND<0.26	ND<0.26	ND<0.8	16,500	1.6	ND<0.080
130041-MW10R-45FT		95.51	36.72	58.79	49.03	61.6	0.27 J	ND<0.13	ND<0.25	ND<0.25	1.3	10,300	ND<0.33	0.52 J
130041-MW11R-45FT		95.93	37.16	58.77	49.15	42.0	ND<0.26	ND<0.13	ND<0.25	ND<0.25	ND<0.8	15,100	0.57	0.69 J

Note:
-Only compounds that were detected by the laboratory in any sample are provided in this table. Only J qualifers were included (refer to respective laboratory for others applied). Light/Dense non-aqueous phase liquids (L/DNAPL) were not historically present at the Site, nor were they detected during the sampling event. Groundwater sampling was conducted via low-flow sampling techniques as described in the Groundwater Monitoring Plan (GMP) section of the June 2012 *Site Management Plan*.

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations*, amended April 2000 and June 2004.
*	Standards are based upon class GA criteria (potable water supply)
AMSL	= Above Mean Sea Level
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J	= Laboratory Estimated Concentration.
MTBE	= Methyl Tertiary Butyl Ether
ND<#	= Not Detected. Where an Analyte is Not detected, the method detection limit is given.
MDL	=Standard is method detection limit (MDL)
NS	= Not Standard
TOC	= Top of Casing
µg/L	= Micrograms/Liter
	= Detected compound is above the GWQS

Table 1

DETECTED CONTAMINANTS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

Site ID-WELL ID - Sample Depth	Date	Top of Well Casing (ft AMSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft AMSL)	Measured Well Depth to Bottom (ft)	Chromium (µg/L)	Copper (µg/L)	Dieldrin (µg/L)	Endosulfan I (µg/L)	Gamma Chlordane (µg/L)	Heptachlor epoxide (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)	Iron (µg/L)	Lead (µg/L)	Magnesium (µg/L)	Manganese (µg/L)
Chemical Abstract Service Registry Number (CAS RN):						7440-47-3	7440-50-8	60-57-1	959-98-8	5103-74-2	1024-57-3	193-39-5	7439-89-6	7439-92-1	7439-95-4	7439-96-5
TOGS 1.1.1 GWQS*						**50**	**200**	**0.001**	**NS**	**NS**	**0.03**	**0.002**	**300**	**25**	**NS**	**300**
130041-MW-1-45FT	02/25/2013	95.95	37.02	58.93	49.91	ND<3.9	ND<3.8	0.080	ND<0.0086	0.53	0.042	ND<0.15	124 J	ND<1.2	3,650	ND<8.1
130041-MW-2-45FT		96.41	37.47	58.94	51.00	ND<3.9	ND<3.8	0.036 J	ND<0.0090	0.26	ND<0.010	ND<0.14	437	ND<1.2	1,580	21.6
130041-MW-3-45FT		95.97	37.02	58.95	53.46	ND<3.9	ND<3.8	0.057	0.067	0.086	0.072	ND<0.14	ND<119	ND<1.2	2,240	8.8 J
130041-MW-4-45FT		96.08	37.16	58.92	50.33	ND<3.9	ND<3.8	0.060	0.061	0.11	0.068	ND<0.14	ND<119	ND<1.2	2,290	ND<8.1
130041-MW-5-45FT		95.88	36.96	58.92	52.60	ND<3.9	ND<3.8	0.28	ND<0.043	1.3	0.20	0.55 J	267	ND<1.2	2,290	8.7 J
130041-MW-6-55FT		95.79	36.83	58.96	118.86	ND<3.9	ND<3.8	0.13	ND<0.0086	0.19	0.048	ND<0.15	ND<119	ND<1.2	3,990	ND<8.1
130041-MW-7D-55FT		88.06	30.12	57.94	120.00	ND<3.9	ND<3.8	0.031 J	ND<0.0086	ND<0.0086	ND<0.0095	ND<0.15	ND<119	ND<1.2	4,950	ND<8.1
130041-MW7S-40FT		87.92	30.04	57.88	49.05	9.8	ND<3.8	ND<0.0048	ND<0.0086	ND<0.0086	ND<0.0095	ND<0.14	1,830	ND<1.2	4,990	22.1
130041-MW8D-58FT		97.93	41.35	56.58	125.94	35.4	ND<3.8	ND<0.0048	ND<0.0086	ND<0.0086	ND<0.0095	ND<0.14	424	ND<1.2	1,110	14.2
130041-MW8S-50FT		98.24	41.62	56.62	57.42	ND<3.9	ND<3.8	ND<0.0050	ND<0.0090	ND<0.0090	ND<0.010	ND<0.14	4,180	ND<1.2	1,550	ND<8.1
130041-MW9D-80FT		93.67	34.74	58.93	117.24	ND<3.9	ND<3.8	ND<0.0050	ND<0.0090	ND<0.0090	ND<0.010	ND<0.14	ND<119	ND<1.2	4,180	ND<8.1
130041-MW-9S-40FT		94.01	35.05	58.96	49.10	6.7	6.4	0.25	ND<0.0086	0.080	0.096	ND<0.15	4,890	1.6	2,880	54.2
130041-MW10R-45FT		95.51	36.72	58.79	49.03	ND<3.9	ND<3.8	0.13	ND<0.0090	ND<0.0090	ND<0.010	ND<0.14	143 J	ND<1.2	1,930	69.7
130041-MW11R-45FT		95.93	37.16	58.77	49.15	ND<3.9	ND<3.8	0.23	ND<0.0086	0.032	0.14	ND<0.14	1,040	1.4 J	2,770	41.3

Note:
-Only compounds that were detected by the laboratory in any sample are provided in this table. Only J qualifers were included (refer to respective laboratory for others applied). Light/Dense non-aqueous phase liquids (L/DNAPL) were not historically present at the Site, nor were they detected during the sampling event. Groundwater sampling was conducted via low-flow sampling techniques as described in the Groundwater Monitoring Plan (GMP) section of the June 2012 *Site Management Plan.*

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations*, amended April 2000 and June 2004.
*	Standards are based upon class GA criteria (potable water supply)
AMSL	= Above Mean Sea Level
ft	= Feet
GWQS	= Ground Water Quality Standard
J	= Laboratory Estimated Concentration.
MTBE	= Methyl Tertiary Butyl Ether
ND<#	= Not Detected. Where an Analyte is Not detected, the method detection limit is given.
MDL	=Standard is method detection limit (MDL)
NS	= Not Standard
TOC	= Top of Casing
µg/L	= Micrograms/Liter
	= Detected compound is above the GWQS

Table 1

DETECTED CONTAMINANTS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

Site ID-WELL ID - Sample Depth	Date	Top of Well Casing (ft AMSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft AMSL)	Measured Well Depth to Bottom (ft)	MTBE (µg/L)	Nickel (µg/L)	Potassium (µg/L)	Reactive Cyanide (µg/L)	Selenium (µg/L)	Sodium (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Chemical Abstract Service Registry Number (CAS RN):						1634-04-4	7440-02-0	7440-09-7	57-12-5	7782-49-2	7440-23-5	127-18-4	79-01-6	7440-62-2	7440-66-6
TOGS 1.1.1 GWQS*						**10**	**100**	**NS**	**200**	**10**	**20,000**	**5**	**5**	**NS**	**NS**
130041-MW-1-45FT	02/25/2013	95.95	37.02	58.93	49.91	ND<0.14	ND<4.1	1,820	ND<40.0	ND<1.5	39,600	ND<0.10	ND<0.090	ND<3.8	ND<19.7
130041-MW-2-45FT		96.41	37.47	58.94	51.00	ND<0.14	ND<4.1	2,260	47.1 J	ND<1.5	64,100	ND<0.10	ND<0.090	ND<3.8	ND<19.7
130041-MW-3-45FT		95.97	37.02	58.95	53.46	ND<0.14	ND<4.1	2,690	ND<40.0	ND<1.5	48,500	ND<0.10	ND<0.090	ND<3.8	ND<19.7
130041-MW-4-45FT		96.08	37.16	58.92	50.33	ND<0.14	ND<4.1	2,620	ND<40.0	ND<1.5	58,800	ND<0.10	ND<0.090	ND<3.8	ND<19.7
130041-MW-5-45FT		95.88	36.96	58.92	52.60	ND<0.14	ND<4.1	2,700	ND<40.0	2.1 J	51,000	ND<0.10	ND<0.090	ND<3.8	ND<19.7
130041-MW-6-55FT		95.79	36.83	58.96	118.86	ND<0.14	ND<4.1	3,790	ND<40.0	ND<1.5	31,000	2.5	1.5	ND<3.8	ND<19.7
130041-MW-7D-55FT		88.06	30.12	57.94	120.00	ND<0.14	ND<4.1	1,670	ND<40.0	ND<1.5	33,400	2.2	0.35 J	ND<3.8	61.1
130041-MW7S-40FT		87.92	30.04	57.88	49.05	ND<0.14	6.6	5,990	57.7 J	ND<1.5	115,000	8.9	1.8	ND<3.8	ND<19.7
130041-MW8D-58FT		97.93	41.35	56.58	125.94	ND<0.14	26.8	1,110	ND<40.0	ND<1.5	32,100	ND<0.10	ND<0.090	ND<3.8	ND<19.7
130041-MW8S-50FT		98.24	41.62	56.62	57.42	ND<0.14	ND<4.1	3,020	ND<40.0	ND<1.5	12,400	ND<0.10	ND<0.090	ND<3.8	ND<19.7
130041-MW9D-80FT		93.67	34.74	58.93	117.24	0.25 J	ND<4.1	2,870	ND<40.0	2.1 J	25,800	46	3.5	ND<3.8	ND<19.7
130041-MW-9S-40FT		94.01	35.05	58.96	49.10	ND<0.14	5.9	2,670	ND<40.0	ND<1.5	30,600	0.16 J	ND<0.090	5.0	ND<19.7
130041-MW10R-45FT		95.51	36.72	58.79	49.03	ND<0.14	5.9	9,730	ND<40.0	ND<1.5	51,600	1.0	0.15 J	ND<3.8	ND<19.7
130041-MW11R-45FT		95.93	37.16	58.77	49.15	ND<0.14	ND<4.1	2,910	65.9 J	ND<1.5	38,500	0.82 J	0.16 J	ND<3.8	ND<19.7

Note:
-Only compounds that were detected by the laboratory in any sample are provided in this table. Only J qualifers were included (refer to respective laboratory for others applied). Light/Dense non-aqueous phase liquids (L/DNAPL) were not historically present at the Site, nor were they detected during the sampling event. Groundwater sampling was conducted via low-flow sampling techniques as described in the Groundwater Monitoring Plan (GMP) section of the June 2012 *Site Management Plan.*

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations*, amended April 2000 and June 2004.
*	Standards are based upon class GA criteria (potable water supply)
AMSL	= Above Mean Sea Level
ft	= Feet
GWQS	= Ground Water Quality Standard
J	= Laboratory Estimated Concentration.
MTBE	= Methyl Tertiary Butyl Ether
ND<#	= Not Detected. Where an Analyte is Not detected, the method detection limit is given.
MDL	=Standard is method detection limit (MDL)
NS	= Not Standard
TOC	= Top of Casing
µg/L	= Micrograms/Liter
	= Detected compound is above the GWQS

Table 2

FIELD PARAMETER STABILIZATION READINGS

NYSDEC Site #130041
131 Herricks Road
Garden City Park, New York

WELL ID	Sample Date	Top of Casing (ft. AMSL)	Depth to Water (feet)	Depth to Bottom* (feet)	Groundwater Elevation (feet)	Stabilization Readings					
						Temperature (^{0}C)	Conductivity (mS/cm^3)	Dissolved Oxygen (mg/L)	pH	Turbidity (NTU)	Oxidation-Reduction Potential (mV)
MW-1	7/13/2011	95.95	37.05	51.71	58.90	20.20	0.892	10.2	5.41	0.30	238
	2/25/2013	95.95	37.02	49.91	58.93	16.63	0.874	6.98	4.83	0.10	237
MW-2	7/13/2011	96.41	37.48	51.02	58.93	18.90	0.718	9.80	5.62	2.9	289
	2/25/2013	96.41	37.47	51.00	58.94	16.38	1.01	6.70	5.11	1.6	226
MW-3	7/13/2011	95.97	37.02	53.56	58.95	18.50	0.460	10.0	5.72	2.5	227
	2/25/2013	95.97	37.02	53.46	58.95	15.30	0.973	6.69	4.24	0.0	277
MW-4	7/13/2011	96.08	37.17	50.35	58.91	19.30	0.451	9.50	5.75	0.0	302
	2/25/2013	96.08	37.16	50.33	58.92	16.35	1.05	6.73	4.89	0.0	224
MW-5	7/13/2011	95.88	37.00	52.63	58.88	19.30	0.547	9.70	5.80	7.4	263
	2/25/2013	95.88	36.96	52.60	59.08	16.17	0.966	7.51	4.67	1.6	257
MW-6	7/13/2011	95.79	36.71	118.93	59.08	19.80	0.224	9.70	6.53	0.0	245
	2/25/2013	95.79	36.83	118.86	58.96	14.79	0.872	3.61	5.06	0.0	228
MW-7S	7/13/2011	87.92	30.15	49.04	57.77	18.40	1.08	9.60	5.80	0.0	212
	2/25/2013	87.92	30.04	49.05	57.88	15.59	1.33	5.83	5.17	10.9	230
MW-7D	7/13/2011	88.06	30.40	120.08	57.66	18.50	0.428	9.60	6.11	0.0	216
	2/25/2013	88.06	30.12	120.00	57.94	14.61	0.893	4.04	4.89	0.0	242
MW-8S	7/13/2011	98.24	41.92	57.88	56.32	19.10	0.247	9.60	5.96	39.9	198
	2/25/2013	98.24	41.62	57.42	56.62	18.44	0.227	4.15	5.67	24.1	211
MW-8D	7/13/2011	97.93	41.62	125.25	56.31	18.60	0.440	6.10	5.63	0.0	208
	2/25/2013	97.93	41.35	125.94	56.58	18.14	0.318	3.93	5.84	2.6	139
MW-9S	7/13/2011	94.01	34.90	49.95	59.11	18.80	0.280	10.50	5.51	0.0	241
	2/25/2013	94.01	35.05	49.10	58.96	14.23	0.479	7.49	5.02	17.9	337
MW-9D	7/13/2011	93.67	34.56	116.36	59.11	18.50	0.383	9.50	5.86	0.0	250
	2/25/2013	93.67	34.74	117.24	58.93	14.71	0.474	6.38	5.27	0.7	215
MW-10R	7/13/2011	95.51	36.87	49.09	58.64	20.00	0.958	9.60	5.47	0.0	196
	2/25/2013	95.51	36.72	49.03	58.79	16.00	0.595	6.82	5.94	1.4	223
MW-11R	7/13/2011	95.93	37.16	49.16	58.77	19.10	0.729	9.50	4.95	0.0	297
	2/25/2013	95.93	37.16	49.15	58.77	17.26	0.517	7.19	4.83	9.3	255

NOTES:

- Groundwater gauging data was collected with a Solnist® Oil/Water Interface Probe. In-situ bioparameters were collected via low-flow sampling methods and use of a Horiba U-50 multi-parameter meter.
- The Site is approximately 94 to 95 feet above mean sea level (AMSL) and the monitoring well survey data is in reference to the mean sea level datum.

* = Depth to bottom was collected after the groundwater sampling activities.
^{0}C = Degrees Celsius
ft. = Feet
mg/L = Milligrams per liter
mS/cm^3 = MilliSiemens per cubic centimeter
mV = Millivolts
NTU = Nephelometric turbidity units
\- = Not measured, sampled or analyzed

Table 3

POST-REMEDIATION DISSOLVED-PHASE PESTICIDE TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-1	4,4'-DDD	0.3	0.91 J	ND<0.010
	Dieldrin	0.001	0.30 J p	0.080
	alpha-Chlordane	NS	2.2 p	0.41 p
	Chlordane	0.05	-	3.9
	gamma-Chlordane	NS	3.5	0.53
	Heptachlor epoxide	0.03	ND<0.11	0.042 Jp
MW-2	4,4'-DDD	0.3	14	0.12
	alpha-Chlordane	NS	24 p	0.19
	Chlordane	0.05	-	1.9 p
	Dieldrin	0.001	2.7 J	0.036 J
	gamma-Chlordane	NS	46	0.26
MW-3	4,4'-DDD	0.3	0.14	ND<0.011
	4,4'-DDT	0.2	0.016 J p	ND<0.010
	alpha-Chlordane	NS	0.43	0.16 p
	Chlordane	0.05	-	1.5
	Dieldrin	0.001	0.11	0.057
	Endosulfan I	NS	ND<0.0049	**0.067**
	Endosulfan II	NS	0.012 J	ND<0.010
	gamma-Chlordane	NS	0.50	0.086
	Heptachlor	0.04	0.056	ND<0.010
	Heptachlor epoxide	0.03	0.044 J p	**0.072**
MW-4	4,4'-DDD	0.30	1.0 J	0.27 J
	alpha-Chlordane	NS	2.4 p	0.13 p
	Chlordane	0.05	-	1.4
	Dieldrin	0.001	0.71 J	0.060
	Endosulfan I	NS	ND<0.098	0.061
	gamma-Chlordane	NS	3.1	0.11
	Heptachlor	0.04	0.23 J	ND<0.010
	Heptachlor epoxide	0.03	ND<0.11	0.068
MW-5	alpha-Chlordane	NS	0.82 p	**1.8 p**
	Chlordane	0.05	-	13
	Dieldrin	0.001	0.24**	**0.28 p**
	Endrin	MDL	0.043 J p	ND<0.048
	gamma-Chlordane	NS	0.73**	**1.3**
	Heptachlor	0.04	0.032 J p	ND<0.048
	Heptachlor epoxide	0.03	ND<0.0055 **	**0.20 Jp**
MW-6	4,4'-DDD	0.3	0.15	ND<0.010
	4,4'-DDE	0.2	0.017 J p	ND<0.0086
	4,4'-DDT	0.2	0.033 J p	ND<0.0095
	alpha-Chlordane	NS	0.56 p	0.27
	Chlordane	0.05	-	1.6
	Dieldrin	0.001	0.13	0.13
	gamma-Chlordane	NS	0.51	0.19
	Heptachlor	0.04	0.027 J p	ND<0.0095
	Heptachlor epoxide	0.03	0.032 J p	**0.048 p**
MW-7D	alpha-Chlordane	NS	0.0069 J p	ND<0.0076
	Dieldrin	0.001	0.023 J	**0.031 J**
	Heptachlor epoxide	0.03	0.0091 J p	ND<0.0095
MW-9S	4,4'-DDD	0.3	ND<0.013	**0.033 Jp**
	alpha-Chlordane	NS	0.032 J p	**0.14**
	Chlordane	0.05	-	1.6
	Dieldrin	0.001	0.065 J	**0.25**
	gamma-Chlordane	NS	0.016 J	**0.080**
	Heptachlor epoxide	0.03	0.027 J	**0.0960**

Table 3

POST-REMEDIATION DISSOLVED-PHASE PESTICIDE TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-9D	4,4'-DDD	0.3	ND<0.014	**0.061**
	Dieldrin	0.001	0.019 J	ND<0.0050
MW-10R	alpha-Chlordane	NS	0.023 J	**0.045 Jp**
	Dieldrin	0.001	0.070 J	**0.13**
	Heptachlor epoxide	0.03	0.036 J	ND<0.010
MW-11R	alpha-Chlordane	NS	0.014 J p	**0.060 p**
	Chlordane	0.05	-	0.57
	Dieldrin	0.001	0.045 J	**0.23**
	gamma-Chlordane	NS	ND<0.0084	**0.032 Jp**
	Heptachlor epoxide	0.03	0.024 J	**0.14**

NOTES:

-Only compounds that were above the GWQS for both sampling events and/or detected increasing from the July 2011 sampling event is provided in this table.

'- Where a Well ID is not shown, all compounds were not detected for both sampling events.

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series* (TOGS) (*1.1.1*) *Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations* , amended April 2000 and June 2004.
*	= Standards are based upon class GA criteria (potable water supply)
**	= Control Limits exceeded
-	= Not analyzed
B	= Analyte was found in an associated blank, as well as in the sample
J	= Indicates an estimated value
MDL	= Standard is method detection limit (MDL)
ND <#	= Not Detected. Where an analyte was not detected, a method detection limit is provided.
NS	= No standard
p	= The relative % difference (RPD) between the primary and confirmation column/detector is >40%. The lower value has been reported.
µg/L	= Micrograms per Liter
RED	Observed increase from baseline results
	Detected compound is above the GWQS

Table 4

POST-REMEDIATION DISSOLVED-PHASE SVOC TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-1	Caprolactam	NS	5.6	ND<2.5
MW-2	Caprolactam	NS	4.7	ND<2.4
MW-3	Benzo[g,h,i]perylene	NS	0.74 J	ND<1.9
	Caprolactam	NS	5.2	ND<2.4
MW-4	Benzo[a]anthracene	0.002	0.58 J	ND<0.26
	Benzo[a]pyrene	MDL	1.3 J	ND<0.13
	Benzo[b]fluoranthene	0.002	1.9 J	ND<0.25
	Benzo[g,h,i]perylene	NS	5.5	ND<1.9
	Benzo[k]fluoranthene	0.002	0.81 J	ND<0.25
	Bis(2-ethylhexyl) phthalate	5.0	1.3 J B	ND<1.9
	Caprolactam	NS	32	ND<2.4
	Chrysene	0.002	1.2 J	ND<3.0
	Fluoranthene	50	1.2 J	ND<3.0
	Indeno[1,2,3-cd]pyrene	0.002	3.3 J	ND<0.14
	Pyrene	50	2.1 J	ND<2.8
MW-5	Benzo[a]anthracene	0.002	0.51 J	**0.64 J**
	Benzo[a]pyrene	MDL	0.76 J	0.092 J
	Benzo[b]fluoranthene	0.002	1.0 J	**1.3**
	Benzo[g,h,i]perylene	NS	2.5 J	ND<2.0
	Benzo[k]fluoranthene	0.002	0.47 J	**0.66 J**
	Bis(2-ethylhexyl) phthalate	5.0	1.3 J B	ND<2.0
	Caprolactam	NS	20	ND<2.5
	Chrysene	0.002	0.84 J	ND<2.1
	Di-n-butyl phthalate	50	0.37 J	ND<2.9
	Fluoranthene	50	1.2 J	ND<3.2
	Indeno[1,2,3-cd]pyrene	0.002	1.3 J	0.55 J
	Phenanthrene	50	0.40 J	ND<3.1
	Pyrene	50	1.9 J	ND<2.9
MW-6	Benzo[a]anthracene	0.002	0.80 J	ND<0.27
	Benzo[a]pyrene	MDL	1.1 J	ND<0.14
	Benzo[b]fluoranthene	0.002	1.3 J	ND<0.26
	Benzo[g,h,i]perylene	NS	2.8 J	ND<2.0
	Benzo[k]fluoranthene	0.002	0.66 J	ND<0.26
	Bis(2-ethylhexyl) phthalate	5.0	0.99 J B	ND<2.0
	Caprolactam	NS	17	ND<2.5
	Chrysene	0.002	1.1 J	ND<3.1
	Fluoranthene	50	1.5 J	ND<3.2
	Indeno[1,2,3-cd]pyrene	0.002	1.8 J	ND<0.15
	Phenanthrene	50	0.53 J	ND<3.1
	Pyrene	50	2.4 J	ND<2.9

Table 4

POST-REMEDIATION DISSOLVED-PHASE SVOC TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-7S	Bis(2-ethylhexyl) phthalate	5.0	0.77 J B	ND<1.9
	Caprolactam	NS	15	ND<2.4
	Di-n-butyl phthalate	50	0.35 J	ND<2.8
MW-7D	Caprolactam	NS	110	ND<2.5
MW-8S	Bis(2-ethylhexyl) phthalate	5.0	0.79 JB	ND<1.9
	Caprolactam	NS	110	ND<2.4
MW-8D	Caprolactam	NS	10	ND<2.4
MW-9S	Caprolactam	NS	2.4 J	ND<2.5
MW-9D	Bis(2-ethylhexyl) phthalate	5.0	1.9 J B	ND<2.5
	Caprolactam	NS	27	ND<2.4
MW-10R	Benzo[a]anthracene	0.002	ND<0.30	0.27
	Bis(2-ethylhexyl) phthalate	5.0	6.6 B	ND<1.9
	Caprolactam	NS	35	ND<2.4
MW-11R	Caprolactam	NS	32	ND<2.4

NOTES:

-Only compounds that were above the GWQS for both sampling events and/or detected increasing from the July 2011 sampling event is provided in this table. Where a Well ID is not shown, all compounds were not detected for both sampling events.

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series* (TOGS) (*1.1.1*) *Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations* , amended April 2000 and June 2004.
*	= Standards are based upon class GA criteria (potable water supply)
**	= Control Limits exceeded
-	= Not analyzed
B	= Analyte was found in an associated blank, as well as in the sample
J	= Indicates an estimated value
MDL	= Standard is method detection limit (MDL)
ND <#	= Not Detected. Where an analyte was not detected, a method detection limit is provided.
NS	= No standard
p	= The relative % difference (RPD) between the primary and confirmation column/detector is >40%. The lower value has been reported.
SVOC	= Semi-volatile organic compound
µg/L	= Micrograms per Liter
RED	Observed increase from baseline results
	Detected compound is above the GWQS

Table 5

POST-REMEDIATION DISSOLVED-PHASE VOC TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-1	Chloroform	7.0	ND<0.67	0.13 J
MW-6	1,1,1-Trichloroethane	5	ND<1.0	0.27 J
	Tetrachloroethene (PCE)	5	ND<0.82	**2.5**
	Trichloroethene (TCE)	5	ND<0.62	**1.5**
MW-7S	Tetrachloroethene (PCE)	5	8.0	**8.9**
	Trichloroethene (TCE)	5	1.9 J	1.80
MW-7D	1,1,1-Trichloroethane	5	ND<0.69	0.37 J
	MTBE	10	7.3	ND<0.14
	Tetrachloroethene (PCE)	5	1.9 J	**2.2**
	Trichloroethene (TCE)	5	ND<0.62	0.35 J
MW-8S	Tetrachloroethene (PCE)	5	2.0 J	ND<0.10
MW-9S	Tetrachloroethene (PCE)	5	1.4 J	0.16
MW-9D	1,1-Dichloroethene	5	1.5 J	1.0
	Chloroform	7.0	ND<0.67	0.27 J
	MTBE	10	ND<0.17	**0.25 J**
	Tetrachloroethene (PCE)	5	6.6	**46**
	Trichloroethene (TCE)	5	6.4	3.5
MW-10R	Chloroform	7.0	1.6 J	0.52 J
	Tetrachloroethene (PCE)	5	ND<0.81	**1.0**
	Trichloroethene (TCE)	5	ND<0.62	0.15 J
MW-11R	Chloroform	7	1.6 J	0.69 J
	Tetrachloroethene (PCE)	5	ND<0.81	**0.82 J**
	Trichloroethene (TCE)	5	ND<0.62	0.16 J

NOTES:

-Only compounds that were above the GWQS for both sampling events and/or detected increasing from the July 2011 sampling event is provided in this table. Where a Well ID is not shown, all compounds were not detected for both sampling events.

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series* (TOGS) (*1.1.1*) *Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations* , amended April 2000 and June 2004.
*	= Standards are based upon class GA criteria (potable water supply)
**	= Control Limits exceeded
-	= Not analyzed
B	= Analyte was found in an associated blank, as well as in the sample
J	= Indicates an estimated value
MDL	= Standard is method detection limit (MDL)
ND <#	= Not Detected. Where an analyte was not detected, a method detection limit is provided.
NS	= No standard
p	= The relative % difference (RPD) between the primary and confirmation column/detector is >40%. The lower value has been reported.
VOC	= Volatile organic compound
µg/L	= Micrograms per Liter
RED	Observed increase from baseline results
	Detected compound is above the GWQS

Table 6

POST-REMEDIATION DISSOLVED-PHASE METALS TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-1	Aluminum	NS	19,700	ND<43.8
	Arsenic	25	17.3	ND<1.8
	Barium	1,000	358	51.1
	Beryllium	NS	2.6	ND<0.8
	Cadmium	5	0.76 J	ND<2.0
	Calcium	NS	41,000	15,100
	Chromium	50	34.9	ND<3.9
	Cobalt	NS	30.8	ND<3.9
	Copper	200	75.6	ND<3.8
	Iron	300	84,600	124 J
	Lead	25	44.5	ND<1.2
	Magnesium	NS	8,660	3,650
	Manganese	300	2,460	ND<8.1
	Nickel	100	59.9	ND<4.1
	Potassium	NS	5,440	1,820
	Selenium	10	7.1	ND<1.5
	Sodium	20,000	97,900	39,600
	Vanadium	NS	61.9	ND<3.8
	Zinc	NS	72.8	ND<19.7
MW-2 Cont'd	Aluminum	NS	30,600	120
	Arsenic	25	23.8	ND<1.8
	Barium	1,000	305	47.3
	Beryllium	NS	3.6	ND<0.8
	Cadmium	5	0.73 J	ND<2.0
	Calcium	NS	13,200	8,210
	Chromium	50	55.2	ND<3.9
	Cobalt	NS	43.4	ND<3.9
	Copper	200	98.6	ND<3.8
	Iron	300	115,000	437
	Lead	25	96.7	ND<1.2
	Magnesium	NS	7,140	1,580
	Manganese	300	3,700	21.6
	Mercury	0.7	0.19 J	ND<0.16
	Nickel	100	89.8	ND<4.1
	Potassium	NS	5,680	2,260
	Reactive Cyanide	200	ND<2.9	47.1 J
	Selenium	10	8.4	ND<1.5
	Silver	50	0.51 J	ND<4.1
	Sodium	20,000	107,000	64,100
	Vanadium	NS	89.1	ND<3.8
	Zinc	NS	101	ND<19.7
MW-3	Aluminum	NS	932	ND<43.8
	Arsenic	25	0.870	ND<1.8
	Barium	1,000	97.50	77.9
	Cadmium	5	7.10	ND<2.0
	Calcium	NS	19,400	14,100
	Chromium	50	4.0 J	ND<3.9
	Cobalt	NS	2.3 J	ND<3.9
	Copper	200	5.20	ND<3.8
	Iron	300	3,170	ND<119
	Magnesium	NS	3,080	2,240
	Manganese	300	211	8.8 J
	Potassium	NS	2,910	2,690
	Sodium	20,000	50,700	48,500

Table 6

POST-REMEDIATION DISSOLVED-PHASE METALS TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-4	Aluminum	NS	6,310	ND<43.8
	Arsenic	25	7.6	ND<1.8
	Barium	1,000	158	71.6
	Beryllium	NS	0.53	ND<0.8
	Cadmium	5	4.1	ND<2.0
	Calcium	NS	52,300	12,000
	Chromium	50	15.4	ND<3.9
	Cobalt	NS	6.5	ND<3.9
	Copper	200	44.6	ND<3.8
	Iron	300	13,700	ND<119
	Lead	25	67.7	ND<1.2
	Magnesium	NS	2,600	2,290
	Manganese	300	7,616	ND<8.1
	Nickel	100	19.2	ND<4.1
	Potassium	NS	2,610	**2,620**
	Selenium	10	2.9 J	ND<1.5
	Silver	50	0.93 J	ND<4.1
	Sodium	20,000	70,100	58,800
	Vanadium	NS	16.2	ND<3.8
	Zinc	NS	121	ND<19.7
MW-5	Aluminum	NS	9,730	139
	Antimony	6	1.6	ND<1.9
	Arsenic	25	69.6	3.7
	Barium	1,000	215	80
	Beryllium	NS	0.85 J	ND<0.8
	Cadmium	5	2.4 J	ND<2.0
	Calcium	NS	20,700	13,900.0
	Chromium	50	19.6	ND<3.9
	Cobalt	NS	9.6	ND<3.9
	Copper	200	34.7	ND<3.8
	Iron	300	23,400	267
	Lead	25	58.4	ND<1.2
	Magnesium	NS	4,660	2,290
	Manganese	300	680	8.7 J
	Mercury	0.7	0.077 J	ND<0.16
	Nickel	100	25.4	ND<4.1
	Potassium	NS	3,840	2,700
	Selenium	10	2.1	2.1 J
	Sodium	20,000	72,000	51,000
	Vanadium	NS	22.2	ND<3.8
	Zinc	NS	102	ND<19.7
MW-6	Aluminum	NS	960	ND<43.8
	Arsenic	25	2.4 J	ND<1.8
	Barium	1,000	75.8	**76.9**
	Cadmium	5	51.9	3.0
	Calcium	NS	37,000	22,000
	Chromium	50	12.7	ND<3.9
	Cobalt	NS	0.70 J	ND<3.9
	Copper	200	20.3	ND<3.8
	Iron	300	5,640	ND<119
	Lead	25	14.5	ND<1.2
	Magnesium	NS	2,920	**3,990**
	Manganese	300	58.3	ND<8.1
	Nickel	100	20.9	ND<4.1
	Potassium	NS	1,880	**3,790**
	Sodium	20,000	14,300	**31,000**
	Vanadium	NS	4.3	ND<3.8
	Zinc	NS	212.0	ND<19.7

Table 6

POST-REMEDIATION DISSOLVED-PHASE METALS TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-7S Cont'd	Aluminum	NS	1,540	356
	Arsenic	25	1.1 J	ND<1.8
	Barium	1,000	177	135
	Cadmium	5	3.9	ND<2.0
	Calcium	NS	59,600	32,900
	Chromium	50	4.1 J	9.8
	Cobalt	NS	1.5 J	ND<3.9
	Copper	200	5.5	ND<3.8
	Iron	300	8,250	1,830
	Lead	25	2.4 J	ND<1.2
	Magnesium	NS	9,400	4,990
	Manganese	300	82.50	22.1
	Nickel	100	6.9	6.6
	Potassium	NS	6,320	5,990
	Reactive Cyanide	200	ND<2.9	57.7 J
	Selenium	10	1.1 J	ND<1.5
	Sodium	20,000	103,000	**115,000**
	Vanadium	NS	3.7	ND<3.8
	Zinc	NS	33.5	ND<19.7
MW-7D	Aluminum	NS	122	ND<43.8
	Barium	1,000	55.9	54.6
	Cadmium	5	5.3	2.7
	Calcium	NS	25,100	22,100
	Chromium	50	2.50	ND<3.9
	Copper	200	6.60	ND<3.8
	Iron	300	740	ND<119
	Lead	25	0.90 J	ND<1.2
	Magnesium	NS	5,390	4,950
	Manganese	300	14.60	ND<8.1
	Nickel	100	3.10	ND<4.1
	Potassium	NS	1,990	1,670
	Sodium	20,000	35,800	33,400
	Vanadium	NS	0.75 J	ND<3.8
	Zinc	NS	79.4	61.1
MW-8S	Aluminum	NS	960.0	84.3
	Arsenic	25	2.4 J	**3.8**
	Barium	1,000	75.8	23.9
	Cadmium	5	51.9	ND<2.0
	Calcium	NS	37,000	10,900
	Chromium	50	12.7	ND<3.9
	Cobalt	NS	0.70 J	ND<3.9
	Copper	200	20.3	ND<3.8
	Iron	300	5,640	4,180
	Lead	25	14.5	ND<1.2
	Magnesium	NS	2,920	1,550
	Manganese	300	58.3	ND<8.1
	Nickel	100	20.9	ND<4.1
	Potassium	NS	1,880	**3,020**
	Sodium	20,000	14,300	12,400
	Vanadium	NS	4.3	ND<3.8
	Zinc	NS	212.0	ND<19.7

Table 6

POST-REMEDIATION DISSOLVED-PHASE METALS TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-8D	Aluminum	NS	539	83
	Arsenic	25	3.90	ND<1.8
	Barium	1,000	20.5	15.2
	Cadmium	5	6.10	ND<2.0
	Calcium	NS	8,970	5,200
	Chromium	50	6.9	**35.4**
	Copper	200	9.4	ND<3.8
	Iron	300	1,210	424
	Lead	25	3.9	ND<1.2
	Magnesium	NS	2,380	1,110
	Manganese	300	29.80	14.2
	Nickel	100	4.5	**27**
	Potassium	NS	2,430	1,110
	Sodium	20,000	45,600	32,100
	Vanadium	NS	2.0	ND<3.8
	Zinc	NS	107	ND<19.7
MW-9S	Aluminum	NS	9,300	1,380
	Arsenic	25	5.7	ND<1.8
	Barium	1,000	105	65
	Beryllium	NS	0.82 J	ND<0.8
	Cadmium	5	6.30	ND<2.0
	Calcium	NS	20,100	16,500
	Chromium	50	31.2	6.7
	Cobalt	NS	8.5	ND<3.9
	Copper	200	33.1	6.4
	Iron	300	35,700	4,890
	Lead	25	14.2	1.6
	Magnesium	NS	5,100	2,880
	Manganese	300	547	54
	Nickel	100	28	5.9
	Potassium	NS	3,590	2,670
	Selenium	10	2.3	ND<1.5
	Sodium	20,000	26,500	30,600
	Vanadium	NS	26.8	5.0
	Zinc	NS	87.7	ND<19.7
MW-9D	Aluminum	NS	91.9 J	ND<43.8
	Barium	1,000	45.2	**49.9**
	Cadmium	5	6.5	ND<2.0
	Calcium	NS	32,400	22,900
	Chromium	50	1.4 J	ND<3.9
	Copper	200	4.6 J	ND<3.8
	Iron	300	493	ND<119
	Magnesium	NS	5,200	4,180
	Manganese	300	7.90	ND<8.1
	Nickel	100	2.4 J	ND<4.1
	Potassium	NS	3,100	2,870
	Sodium	20,000	22,800	**25,800**
	Vanadium	NS	0.53 J	ND<3.8
	Zinc	NS	167	ND<19.7
MW-10R	Aluminum	NS	33,400	204
	Arsenic	25	24.5	ND<1.8
	Barium	1,000	582	62
	Beryllium	NS	8.1	1.3
	Cadmium	5	2.70	ND<2.0
	Calcium	NS	26,300	10,300
	Chromium	50	54.90	ND<3.9
	Cobalt	NS	28.1	ND<3.9
	Copper	200	81.30	ND<3.8
	Iron	300	94,700	143 J
	Lead	25	73.9	ND<1.2
	Magnesium	NS	8,900	1,930
	Manganese	300	2,740	70
	Mercury	0.7	0.099 J	ND<0.16
	Nickel	100	78	5.9
	Potassium	NS	10,900	9,730
	Selenium	10	7.2	ND<1.5
	Sodium	20,000	118,000	51,600
	Vanadium	NS	83.7	ND<3.8
	Zinc	NS	133.0	ND<19.7

Table 6

POST-REMEDIATION DISSOLVED-PHASE METALS TRENDS

NYSDEC Site #130041
131 Herricks Road,
Garden City Park, New York

WELL ID	DETECTED COMPOUND	TOGS 1.1.1 GWQS* (µg/L)	Baseline Detections July 2011 (µg/L)	Post-Remediation Detections February 2013 (µg/L)
MW-11R	Aluminum	NS	53,200	1,300
	Arsenic	25	42.1	ND<1.8
	Barium	1,000	367	42.0
	Beryllium	NS	4.90	ND<0.8
	Cadmium	5	1.7 J	ND<2.0
	Calcium	NS	29,800	15,100
	Chromium	50	87.50	ND<3.9
	Cobalt	NS	52.7	ND<3.9
	Copper	200	177	ND<3.8
	Iron	300	156,000	1,040
	Lead	25	130	1.4 J
	Magnesium	NS	10,500	2,770
	Manganese	300	4,450	41
	Mercury	0.7	0.3	ND<0.16
	Nickel	100	116	ND<4.1
	Potassium	NS	7,170	2,910.0
	Reactive Cyanide	200	ND<2.9	65.9 J
	Selenium	10	10.0	ND<1.5
	Sodium	20,000	123,000	38,500
	Vanadium	NS	124	ND<3.8
	Zinc	NS	194	ND<19.7

NOTES:

-Only compounds that were above the GWQS for both sampling events and/or detected increasing from the July 2011 sampling event is provided in this table.

'- Where a Well ID is not shown, all compounds were not detected for both sampling events.

TOGS 1.1.1 GWQS	= June 1998 *Technical and Operational Guidance Series* (TOGS) (*1.1.1*) *Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations* , amended April 2000 and June 2004.
*	= Standards are based upon class GA criteria (potable water supply)
**	= Control Limits exceeded
-	= Not analyzed
B	= Analyte was found in an associated blank, as well as in the sample
J	= Indicates an estimated value
MDL	= Standard is method detection limit (MDL)
ND <#	= Not Detected. Where an analyte was not detected, a method detection limit is provided.
NS	= No standard
p	= The relative % difference (RPD) between the primary and confirmation column/detector is >40%. The lower value has been reported.
VOC	= Volatile organic compound
µg/L	= Micrograms per Liter
RED	Observed increase from baseline results
	Detected compound is above the GWQS

APPENDIX A

Groundwater & Environmental Services, Inc.

EASTERN NEW YORK OFFICE

EQUIPMENT CALIBRATION LOG

DATE: 2/25/13
TECH: P. Mennitti
SITE ID # 130041 (FUMEX SANITATION SITE) #130041

Photo-Ionization Detector (PID)
Model/Make Qrae 2000
Serial # 110-005224

Span Gas : 100 ppm Isobutelene

Pre-Calibration Ambient Air Reading: Ø ppm
Fresh Air Calibration Performed Yes / No

Pre-Calibration Span Bump Test Reading 67.4 ppm
Bump Test Reading between 95-105 ppm? Yes / No
If yes, no span calibration necessary

If no, perform span calibration
Span gas calibrated reading: 100 ppm
Post Calibration bump test reading 99.5 ppm

Lower Explosive Limit Detector (LEL) Horriba SN# S7NY01 7Ø
Model/Make MiniRae U-5000
Serial # (PineID 21078)

Span Gas : Miltigas Mix - H2S-25ppm CO-50ppm LEL-50% O2-19%

Pre-Calibration Ambient Air Reading: ____ % O2 ____ % LEL
Fresh Air Calibration Performed Yes / No

Fresh Air Calibrated Reading: ____ % O2 ____ % LEL

Span Gas Calibration Reading: (monthly calibration)
H2S ____ ppm
CO ____ ppm
LEL ____ %
O2 ____ %

Calibrate in standard auto cal solution
@ ph = 4.0
cond = 4.49 ms/cm
Ø ntu

Cal Reading = ph 3.97 NEW
cond = 4.47 ms/cm
turbidity = Ø NTU
DO = 10.67.

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 21078
Description Horiba U-52
Calibrated 2/18/2013 12:09:00PM

Manufacturer Horiba
Model Number U-52
Serial Number/ Lot Number VEL4VG6R (Probe)
Location New Jersey
Department

State Certified
Status Pass
Temp °C 23
Humidity % 25

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.01 / 7.01	PH	7.01	PH	7.00	7.00	-0.14%	Pass
4.01 / 4.01	PH	4.01	PH	4.00	4.00	-0.25%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	0.00	0.00	0.00%	Pass
800.00 / 800.00	NTU	800.00	NTU	800.00	800.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.718 / 0.718	ms/cm	0.718	ms/cm	0.718	0.718	0.00%	Pass
5.000 / 5.000	ms/cm	5.000	ms/cm	5.000	5.000	0.00%	Pass
80.000 / 80.000	ms/cm	80.000	ms/cm	80.000	80.000	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	240.00	240.00	0.00%	Pass

Group # 5
Group Name Disolved Oxygen Zero
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.
92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 21078
Description Horiba U-52
Calibrated 2/18/2013 12:09:00PM

Group # 5 — **Range Acc %** 0.0000
Group Name Disolved Oxygen Zero — **Reading Acc %** 3.0000
Stated Accy Pct of Reading — **Plus/Minus** 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	mg/L	0.00	mg/L	0.00	0.00	0.00%	Pass

Group # 6 — **Range Acc %** 0.0000
Group Name Temperature DO Span — **Reading Acc %** 0.0000
Stated Accy Plus / Minus — **Plus/Minus** 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
20.00 / 18.00	degrees C	9.18	mg/L	9.18	9.18	0.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
NJ AUTO CAL: C254820	Auto Cal Solution: 4.01 PH / 0.0 NTU / 4.49 mS/cm	GFS	AUTO CAL. 8483	C254820	2/6/2013	8/31/2013
NJ COND 5K: 2AD098	Conductivity 5000 uS/cm	AquaPhoenix Scientific	5000	2AD098	4/23/2012	4/30/2013
NJ COND 718: 2AG277	Conductivity 718 uS/cm	AquaPhoenix Scientific	718	2AG277	1/10/2013	7/31/2013
NJ COND 80K: 2AL015	Conductivity 80K uS/cm	AquaPhoenix Scientific	80, 000	2AL015	1/10/2013	12/31/2013
NJ DO ZERO: 2011030423	HORIBA SODIUM SULFITE	EMD	SX07853	2011030423	1/25/2013	4/25/2013
NJ ORP 240 MV: 4253	ORP solution 240mv	Hanna	240Mv	4253	8/31/2012	4/30/2017
NJ PH 7: 2AL203	BUFFER, PH7 YELLOW	AquaPhoenix Scientific	PH7	2AL203	2/11/2013	12/31/2014
NJ TURB 800 201046-4	Turbidity 800 NTU	Horiba		201046-4		

Sensor Information

Sensor Type	Manufacturer	Serial Number	Date Installed

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 21078
Description Horiba U-52
Calibrated 2/18/2013 12:09:00PM

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Lawrence Fischer

All instruments are calibrated by Pine Environmental Services, LLC. according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services, LLC. of any defect within 24 hours of receipt of equipment
Please call 866-960-7463 for Technical Assistance

Groundwater & Environmental Services, Inc.

EASTERN NEW YORK OFFICE

EQUIPMENT CALIBRATION LOG

DATE: 2/25/13
TECH: P. Mecinski / Ken L.
SITE ID # ~~10048-SED~~ 130041 (FUMEX SANITATION SITE)

Photo-Ionization Detector (PID)
Model/Make Qrae 2000
Serial # 110-037902

Span Gas : 100 ppm Isobutelene

Pre-Calibration Ambient Air Reading: ~~109~~ 0 ppm
Fresh Air Calibration Performed (Yes) / No

Pre-Calibration Span Bump Test Reading 109 ppm
Bump Test Reading between 95-105 ppm? Yes / (No)
If yes, no span calibration necessary

If no, perform span calibration
Span gas calibrated reading: 100 ppm
Post Calibration bump test reading 99.8 ppm

Lower Explosive Limit Detector (LEL) Horiba U50
Model/Make MiniRae
Serial # SNH 6YM6H40P (Pine ID 21148)

Span Gas : Miltigas Mix - H2S-25ppm CO-50ppm LEL-50% O2-19%

Pre-Calibration Ambient Air Reading: _____ % O2 _____ % LEL
Fresh Air Calibration Performed Yes / No

Fresh Air Calibrated Reading: _____ % O2 _____ % LEL

Span Gas Calibration Reading: (monthly calibration)
H2S _____ ppm
CO _____ ppm
LEL _____ %
O2 _____ %

Calibrated Reading
pH = 4.10
Cond: 4.49 ms/cm
turbidity = 0.0 NTU
Do = 11.10 mg/L

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 21148
Description Horiba U-52
Calibrated 2/18/2013 10:39:51AM

Manufacturer Horiba
Model Number U-52
Serial Number/ Lot Number 7U22NKJA
Location New Jersey
Department

State Certified
Status Pass
Temp °C 22
Humidity % 26

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.01 / 7.01	PH	7.01	PH	7.00	7.00	-0.14%	Pass
4.01 / 4.01	PH	4.01	PH	4.00	4.00	-0.25%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	0.00	0.00	0.00%	Pass
800.00 / 800.00	NTU	800.00	NTU	800.00	800.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.718 / 0.718	ms/cm	0.718	ms/cm	0.718	0.718	0.00%	Pass
5.000 / 5.000	ms/cm	5.000	ms/cm	5.000	5.000	0.00%	Pass
80.000 / 80.000	ms/cm	80.000	ms/cm	80.000	80.000	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	240.00	240.00	0.00%	Pass

Group # 5
Group Name Disolved Oxygen Zero
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.
92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 21148
Description Horiba U-52
Calibrated 2/18/2013 10:39:51AM

Group # 5 — **Range Acc %** 0.0000
Group Name Disolved Oxygen Zero — **Reading Acc %** 3.0000
Stated Accy Pct of Reading — **Plus/Minus** 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	mg/L	0.00	mg/L	0.00	0.00	0.00%	Pass

Group # 6 — **Range Acc %** 0.0000
Group Name Temperature DO Span — **Reading Acc %** 0.0000
Stated Accy Plus / Minus — **Plus/Minus** 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
20.00 / 17.00	degrees C	9.37	mg/L	9.37	9.37	0.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
NJ AUTO CAL: C254820	Auto Cal Solution: 4.01 PH / 0.0 NTU / 4.49 mS/cm	GFS	AUTO CAL. 8483	C254820	2/6/2013	8/31/2013
NJ COND 5K: 2AD098	Conductivity 5000 uS/cm	AquaPhoenix Scientific	5000	2AD098	4/23/2012	4/30/2013
NJ COND 718: 2AG277	Conductivity 718 uS/cm	AquaPhoenix Scientific	718	2AG277	1/10/2013	7/31/2013
NJ COND 80K: 2AL015	Conductivity 80K uS/cm	AquaPhoenix Scientific	80, 000	2AL015	1/10/2013	12/31/2013
NJ DO ZERO: 2011030423	HORIBA SODIUM SULFITE	EMD	SX07853	2011030423	1/25/2013	4/25/2013
NJ ORP 240 MV: 4253	ORP solution 240mv	Hanna	240Mv	4253	8/31/2012	4/30/2017
NJ PH 7: 2AL203	BUFFER, PH7 YELLOW	AquaPhoenix Scientific	PH7	2AL203	2/11/2013	12/31/2014
NJ TURB 800 201046-4	Turbidity 800 NTU	Horiba		201046-4		

Sensor Information

Sensor Type	Manufacturer	Serial Number	Date Installed

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.
92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 21148
Description Horiba U-52
Calibrated 2/18/2013 10:39:51AM

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Lawrence Fischer

All instruments are calibrated by Pine Environmental Services, LLC. according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services, LLC. of any defect within 24 hours of receipt of equipment
Please call 866-960-7463 for Technical Assistance

SAMPLE SCREENING TRACKING LOG

SITE NAME: Fumex Sanitation Site

SAMPLE ID	SAMPLE DATE	SAMPLE TIME	MATRIX	DUPLICATE (Y/N)	OFFSITE (Y/N)	COMMENTS
130041-mw7D -55FT	2-25-13	1023	GW	N	Y	
130041-mw-1 -45FT	2-25-13	1235	GW	N	N	
130041-mw-5 ~~-45 -55~~	2-25-13	1410	GW	N	N	
130041-mw-6 ~~-45 55~~	2-25-13	1505	GW	N	N	
130041-mw-2 -45	2-25-13	1622	GW	N	N	
130041-mw4 -45FT	2-25-13	1739	GW	N	N	
130041-mw3 45FT	2-25-13	1825	GW	N	N	

REV 5/01

SAMPLE SCREENING TRACKING LOG

SITE NAME: Fumex Sanitation Site

SAMPLE ID	SAMPLE DATE	SAMPLE TIME	MATRIX	DUPLICATE (Y/N)	OFFSITE (Y/N)	COMMENTS
130041-MW75-40'	2/25	1036	GW	N	~~Y~~ N	
130041-MW11R-45'	2/25/13	1236	GW	N	~~Y~~ N	
130041-MW-10R-45'	2/25	1342	GW	N	Y	
130041-MW85-50'	2/25	1519	GW	N	Y	
130041-MW8D-58'	2/25	1602	GW	N	Y	
130041-MW9D-80'	2/25	1707	GW	Y	Y	
130041-MW9S-40'	2/25	1823	GW	N	Y	

SAMPLE TRACKING LOG

SITE NAME/SAMPLE EVENT: Fumex Sanitation Site

NYSDEC Site # 130041

LDL VOC LAB: _____ **INORGANIC CLP LAB:** _____

~~CLP CASE NO~~: _____ **ORGANIC CLP LAB:** _____ **SUBCONTRACT LAB:** _____

SAMPLE ID	SAMPLE DATE	SAMPLE TIME	MATRIX	DEPTH (feet)	ORGANIC CLP NO.	INORGANIC CLP NO.	SUBCONTRACT ANALYSIS	QA/QC
130041-MW-7D-55FT	2-25-13	1023	GW	55				
130041-MW-1-45FT	2-25-13	1235	GW	45				
130041-MW-5	2-25-13	1410	GW	45				
130041-MW-6-55 FT	2-25-13	1505	GW	55				
130041-MW-2-45FT	2-25-13	1622	GW	45				
130041-MW-3-45 FT	2-25-13	1825	GW	45				
130041-MW-4 -45 FT	2-25-13	1739	GW	45				
130041-MW-7S-40FT	2-25-13	1036	GW	40				
130041-MW-11R-45FT	2-25-13	1236	GW	45				
130041-MW10R-45FT	2-25-13	1342	GW	45				

ANALYSIS SUMMARY: REFER TO LAB REPORT

REV 5/01

SAMPLE TRACKING LOG

SITE NAME/SAMPLE EVENT: Fumex Sanitation Site

NYSDEC Site #130041

~~CLP CASE NO:~~ _____ **LDL VOC LAB:** _____ **INORGANIC CLP LAB:** _____

ORGANIC CLP LAB: _____ **SUBCONTRACT LAB:** _____

SAMPLE ID	SAMPLE DATE	SAMPLE TIME	MATRIX	DEPTH (feet)	ORGANIC CLP NO.	INORGANIC CLP NO.	SUBCONTRACT ANALYSIS	QA/QC
130041-MW8S-50FT	2/25/13	1519	GW	50				
130041-MW8D-58FT	2/25/13	1602	GW	58				
130041-MW9D-80FT	2/25/13	1707	GW	80				MS/MSD
130041-MW9S-40FT	2/25/13	1823	GW	40				

ANALYSIS SUMMARY: REFER TO LAB REPORT

REV 5/01

SYNOPTIC WATER LEVEL MEASUREMENTS

SITE NAME: Fumex Sanitation Site

DATE: 2/25/13

Pawel Mleinski

Time	Well Number	Depth to Water	Total Depth	Product/ Thickness	HNu Headspace Readings	Notes/Well Condition
1336 ~~MW-7S~~ SD	MW-7S	30.04	49.05	—	ϕ	Good
1210	MW-11R	37.16	49.15	—	ϕ	Good
1300	MW-10R	36.72	49.03	—	ϕ	Good
1352	MW-8S	41.62	57.42	—	ϕ	Good, buried in planter
1533	MW-8D	41.35	125.94	—	ϕ	↓
1642	MW-9D	34.74	117.24	—	ϕ	Stub-up, good
1720	MW-9S	35.05	49.10	—	ϕ	↓, good
				"—"	not measured/detected	
					S. Dessler	

All readings are from Top of Inner Casing (TIC)

REV 5/01

SYNOPTIC WATER LEVEL MEASUREMENTS

SITE NAME: Fumex Sanitation Site

DATE: 2-25-13

Ken Lukas

SAMPLE Time	Well Number	Depth to Water	Total Depth	Product/ Thickness	~~HNu~~ PID Headspace Readings	Notes/Well Condition
1023	MW-7D	30.12	120.00	NA	0.0	NO LOCK, MISSING BOLT (1), COVER NOT CONNECTED TO SLEEVE
1235	MW-1	37.02	49.91	NA	0.0	WELL CASING BROKEN AT CAP DTW TAKEN FROM HIGHEST POINT
1410	MW-5	36.96	52.60	NA	0.0	— Good
1505	MW-6	36.83	118.86	NA	0.0	— Condition
1622	MW-2	37.47	151.00	NA	0.0	— SED
1739	MW-4	37.16	50.33	NA	0.0	— 2/26/13
1825	MW-3	37.02	53.46	NA	0.0	—
				↓		
				NA = not measured/detected		
				S. Ressler		

All readings are from Top of Inner Casing (TIC)

REV 5/01

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2-25-13 **WELL #:** MW-1 DTW@START 37.02

SAMPLE TIME: 1235 **DEPTH OF PUMP:** 45FT

WEATHER CONDITIONS: SUNNY 45° **SAMPLERS:** KEN LUKAS

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1204		37.03	280	-0.01	5.58	0.890	2.3	6.75	14.84	224
1209		37.03	"	-0.01	5.11	0.878	2.7	7.11	16.54	229
1214		37.02	"	0.00	4.91	0.888	1.3	6.43	16.19	231
1219		37.02	"	0.00	4.88	0.871	0.9	6.99	16.71	232
1224		37.02	"	0.00	4.85	0.875	0.4	7.06	16.75	235
1229	~~X~~ SED	37.02	"	0.00	4.83	0.874	0.1	6.98	16.63	237
1235	SAMPLE	37.02								
TOTAL	Purged = ~6.0 gallons									

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

- IF TURBIDITY IS <10 NTUs, Stabilization readings can be amended to 20% (+/-10%)
- Per GMP, stabilization requirement are +/- 5%, unless Turbidity is <10 NTUs

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (CA 130041)

DATE: 2-25-13 **WELL #:** 130041-MW-2-45 DTW-37.47

SAMPLE TIME: 1622 **DEPTH OF PUMP:** 45 FT

WEATHER CONDITIONS: SUNNY 37° **SAMPLERS:** KEN LUKAS

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1557		37.48	275	-0.01	~~5.85~~ 5.71	~~0.003~~ 1.02	12.2	7.14	15.91	226
1602		37.49	275	-0.02	5.35	1.03	10.4	7.01	16.23	225
1607		37.46	275	+0.01	5.13	1.01	4.9	6.91	16.34	225
1612		37.47	275	0.00	5.11	1.01	3.9	6.86	16.38	225
1617		37.47	275	0.00	5.11 ✓	1.01 ✓	1.6 ✓	6.70 ✓	16.38 ✓	226 ✓
1622	SAMPLE									
TOTAL	PURGED	~1.6	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2-25-13 **WELL #:** 130041-MW-3- 45FT DTW-37.02

SAMPLE TIME: 1825 **DEPTH OF PUMP:** 45FT

WEATHER CONDITIONS: SUNNY CLEAR 35° **SAMPLERS:** KEN LUKAS.

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1805		37.01	350	+0.01	4.15	0.905	3.5	6.85	15.97	298
1810		37.00	350	+0.02	4.15	0.947	3.2	7.10	15.93	285
1815		37.02	350	0.00	4.16	0.959	1.4	6.97	15.87	282
1820		37.02	350	0.00	4.24 ✓	0.973 ✓	0.0 ✓	6.69 ✓	15.30 ✓	277 ✓
1825	SAMPLE									
TOTAL	PURGED	~2.0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (# 130041)

DATE: 2/25/13 **WELL #:** 130041 - mw 4- 45FT Initial DTW: 37.16

SAMPLE TIME: 1739 **DEPTH OF PUMP:** 45 ft.

WEATHER CONDITIONS: SUNNY 37° **SAMPLERS:** KEN LuKAS

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1704		37.14	350	-0.03	6.57	1.01	8.5	7.24	16.11	227
1709		37.17	350	-0.01	5.33	1.04	3.8	7.24	16.07	232
1714		37.16	350	0.00	5.14	1.05	2.5	7.13	16.04	231
1719		37.17	350	-0.01	5.00	1.06	0.4	6.18	15.6	232
1724		37.17	350	-0.01	4.94	1.04	0.6	6.80	16.48	231
1729		37.17	350	-0.01	4.89	1.05	0.0	6.40	15.99	230
1734		37.17	350	-0.01	4.89 ✓	1.05 ✓	0.0 ✓	6.73 ✓	16.35 ✓	224 ✓
1739	SAMPLE									
TOTAL	PURGED	~3.25	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2-25-13 **WELL #:** 130041 - MW-5- 45FT DTW 36.96

SAMPLE TIME: 1410 **DEPTH OF PUMP:** 45 FT

WEATHER CONDITIONS: SUNNY W/CLOUDS 45° **SAMPLERS:** KEN LUKAS

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1329		36.97	50.5	-0.01	5.53	0.615	77.1	6.83	13.83	278
1335		36.97	50	-0.01	5.11	0.677	65.8	6.72	14.53	279
1339		36.96	50	0.00	4.77	0.752	32.0	6.75	16.11	276
1344		36.97	50	-0.01	4.62	0.863	15.3	7.11	16.54	270
1349		36.98	50	-0.02	4.59	0.916	10.6	7.29	16.39	263
1354		36.98	50	-0.02	4.65	0.947	5.5	7.32	16.25	256
1359		36.98	50	-0.02	4.66	0.954	5.0	7.35	16.27	258
1404	~~X~~	36.98	50	-0.02	4.67	0.966	1.6	7.51	16.17	257
1410	SAMPLE									
TOTAL	PURGED	~6.0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (# 130041)

DATE: 2-25-13 **WELL #:** ~~##~~130041 -MW-6-55 FT DTW: 36.83

SAMPLE TIME: 1505 **DEPTH OF PUMP:** 55 FT

WEATHER CONDITIONS: SUNNY 40° **SAMPLERS:** KEN LUKAS

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1440		36.83	125	0.0	6.00	0.875	0.0	4.61	12.54	247
1445		36.83	"	0.0	5.60	0.875	0.0	3.95	13.11	244
1450		36.83	"	0.0	5.25	0.867	0.1	3.72	14.44	237
1455		36.83	"	0.0	5.12	0.872	0.0	3.54	14.94	230
1500	~~KL~~	36.83	"	0.0	5.06	0.872	0.0	3.61	14.79	228
1505	SAMPLE									
TOTAL	PURGED	~3.0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2/25/13 **WELL #:** 130041- MW7S-40ft

SAMPLE TIME: 10:33 **DEPTH OF PUMP:** 40 ft

WEATHER CONDITIONS: 46°, sunny **SAMPLERS:** P. Meinski

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0958	|	30,06	340	- 0.02	5,15	1.30	89.5	8.79	15,04	241
1003	|	30,05	-11-	+ 0,01	5,18	1.33	77.0	6.42	13,76	231
1007	|	30,05	340	ϕ	5,17	1,32	52.5	5.39	15,41	~~2~~26
1012	|	30,05	340	ϕ	5,17	1.32	~~3~~9.6	5.53	14.80	227
1017	|	30,05	340	ϕ	5,18	1.32	27.7	5.76	14,55	227
1022	|	30,05	340	ϕ	5,18	1.31 (1.31 to 1.25)	15,8	5,56	~~1~~5,33	225
1027	↓	30,05	340	ϕ	5,18	1,32	13,2	5,75	15,89	226
1032	~~4,0~~ HR	30,05	340	ϕ	5,17 ✓	1,33 ✓	10,9 X	5.83 ✓	15.57 ✓	230 ✓
1033 -		Sample.								
TOTAL	PURGED	~4,0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2-25-13 **WELL #:** MW-7D DTW: 30.12

SAMPLE TIME: 1023 **DEPTH OF PUMP:** 55FT

WEATHER CONDITIONS: 40° SUNNY **SAMPLERS:** KEN LuKas

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1001		30.14	320	-0.02	5.0	0.914	4.3	4.53	15.12	251
1005		30.14	"	-0.02	4.92	0.920	2.4	3.97	14.58	248
1010		30.14	"	-0.02	4.89	0.907	0.0	4.42	14.07	248
1015		30.14	"	-0.02	4.90	0.913	0.0	4.04	14.33	244
1020	14 GAL	30.14	"	-0.02	4.89 ✓	0.893 ✓	0.0 ✓	4.04 ✓	14.61 ✓	242 ✓
1023	SAMPLE									
TOTAL	PURGED	~4.0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE ON MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2/25/13 **WELL #:** 130041 - MW85-50 FT

SAMPLE TIME: 1519 **DEPTH OF PUMP:** 50 FT

WEATHER CONDITIONS: 46° sunny **SAMPLERS:** P. Meinski

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1500	↓	41.64	400	—	5.70	0.219	62.4	4.39	17.74	210
1505	↓	41.65	400	- 0.01	5.67	0.224	24.1	4.30	18.10	210
1510	↓	41.65	400	↓	5.67	0.225	24.6	4.23	18.47	210
1515	~~3~~ 2 gal	41.65	400	↓	5.67 ✓	0.227 ✓	24.1 ✓	4.15 ✓	18.44 ✓	211 ✓
1517 -	Collect	sample								
TOTAL	PURGE	~3.0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE ON MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (CT# 130041)

DATE: 2/25/13 **WELL #:** 130041- MW8D-58FT

SAMPLE TIME: 1602 **DEPTH OF PUMP:** 58'

WEATHER CONDITIONS: 46', sunny **SAMPLERS:** P. Mecinski

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1545		41.35	350	—	5.95	0.323	4.6	4.82	16.21	156
1551		41.34	350	+ 0.01	5.87	0.319	3.6	4.48	18.17	139
1555		41.34	350	ϕ	5.85	0.319	5.9	4.18	18.13	143
1600		41.37	350	- 0.05	5.84 ✓	0.318 ✓	2.6 ✗	3.93 ✗	18.14 ✓	139 ✓
1602	— Sample									
TOTAL	PURGED	~1.6	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2/25/13 **WELL #:** 130041- MW95 - 40FT

SAMPLE TIME: 1823 **DEPTH OF PUMP:** 40 FT

WEATHER CONDITIONS: 38, Clear **SAMPLERS:** P. Mccinsh

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1750	|	35.10	600	-	5.06	0.489	139	7.65	14.02	388
1755	|	35.10	600	ϕ	5.06	0.483	54.8	7.65	13.95	364
1800	|	35.10	600	ϕ	5.06	0.481	38.6	7.57	14.32	353
1805	|	35.10	600	ϕ	5.05	0.483	34.4	7.57	14.39	348
1810	|	35.10	600	ϕ	5.03	0.481	20.1	7.53	13.96	342
1815	V	35.10	600	ϕ	5.02	0.481	19.2	7.50	14.16	340
1820	8 28	35.10	600	ϕ	5.02 ✓	0.479 ✓	17.9 ✓	7.49 ✓	14.23 ✓	337 ✓
1823 -	Collect	Sample								
TOTAL	PURGED	- 8.0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE ON MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041) COLLECTED MS/MSD

DATE: 2/25/13 **WELL #:** 130041 - MW9D - 80 FT

SAMPLE TIME: 1707 **DEPTH OF PUMP:** 40'

WEATHER CONDITIONS: 42, Sunny **SAMPLERS:** P. Meinski

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1655	↓	34.72	620	—	6.20	0.501	0.3	6.52	14.11	194
1700	↓	34.72	620	0	5.67	0.417	0.8	6.19	14.70	199
1705	~~3.0~~ 2.7	34.72	620	0	5.27 x	0.474 x	0.7 x	6.38 ✓	14.71 ✓	215 x
1707 -	Sample									
TOTAL	PURGED	~~3.0~~ 2.7	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE FROM MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2/25/13 **WELL #:** 130041- MW10K-45'FT

SAMPLE TIME: 1342 **DEPTH OF PUMP:** 45 FT

WEATHER CONDITIONS: 46°, Sunny **SAMPLERS:** P. Mecinski

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1325	↓	36.75	320	—	8.34	0.771	19.2	6.32	16.08	139
1330	↓	36.75	320	↓	7.37	0.674	8.8	6.51	16.10	176
1335	↓	36.75	320	↓	6.66	0.614	5.1	6.97	16.15	201
1340	↓	36.75	320	↓	5.94	0.595	1.4	6.82	16.00	223
1342 —	Sample									
TOTAL	PURGED	~4.0	GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE ON MW-1

LOW FLOW SAMPLING SHEETS

SITE NAME: Fumex Sanitation Site (#130041)

DATE: 2/25/13 **WELL #:** 130041-MW11R-45FT

SAMPLE TIME: 1236 **DEPTH OF PUMP:** 45'

WEATHER CONDITIONS: 46° Sunny **SAMPLERS:** P. Mecinska

TIME	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1210	↓	37.16	400	—	5.09	0.551	31.2	7.89	14.91	232 ~~206~~
1215		37.16	400	ϕ	5.04	0.550	26.0	6.84	14.86	230
1220		37.16	400	ϕ	4.71	0.539	16.8	7.10	15.24	238
1225		37.16	400	ϕ	4.89	0.532	13.8	6.78	15.36	244
1230		37.16	400	ϕ	4.87	0.524	9.8	7.50	15.24	251
1235	~~2.5 gal~~ 2.5	37.16	400	ϕ	4.83	0.517	9.3	7.19	17.26	255
1236 —	Sample									
TOTAL	PURGED 2.5		GALLONS							

The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

SEE NOTE ON MW-1

APPENDIX B

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD 044476836	1	(631) 586-2000	No 602275

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC - REGION 2
625 BROADWAY, 12TH FLOOR, ALBANY NY 12233
Generator's Phone: 518 402-9814

Generator's Site Address (if different than mailing address)
FORMER PURPLEX SANITATION
131 HERRICKS RD
GARDEN CITY PARK NY 11040

6. Transporter 1 Company Name: AMERICAN ENVIRONMENTAL ASSESSMENT CORP — U.S. EPA ID Number: NYR000044412

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CLEAN WATER OF NY
3249 RICHMOND TERRACE STATEN ISLAND NY 10303
Facility's Phone: 718 981 4600

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON RCRA, NON DOT REGULATED (PURGE WATER)	X1	DM	500 55	G
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: PAWEL MECINSKI, ON BEHALF OF ~~E&S~~ NYSDEC — Signature — Month 4 Day 18 Year 2013

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thomas Kress IV — Signature — Month 4 Day 18 Year 2013

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month 04 Day 26 Year 13

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

APPENDIX C

A copy of the laboratory analytical data is not provided with this document. Laboratory analytical data for this report has been uploaded to the NYSDEC Electronic Information Management System. Additionally, a hard copy of the laboratory analytical data has been sent to the NYSDEC.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-51333-1

Job Description: Site: 130041 (CDM) DEC Fumex Sanitation

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, NY 12233

Attention: Mr. Dave Chiusano

Approved for release.
Jennifer Capece
Project Mgmt. Assistant
3/11/2013 2:42 PM

Designee for
Melissa Haas
Project Manager I
melissa.haas@testamericainc.com
03/11/2013

cc: Sarken Dressler
GES Hauppauge general email

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.

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TestAmerica Laboratories, Inc.
TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
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NELAP ACCREDITED TNI LABORATORY

Job Number: 460-51333-1

Job Description: Site: 130041 (CDM) DEC Fumex Sanitation

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.

Approved for release.
Jennifer Capece
Project Mgmt. Assistant
3/11/2013 2:42 PM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: New York State D.E.C.

Project: Site: 130041 (CDM) DEC Fumex Sanitation

Report Number: 460-51333-1

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 02/26/2013; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 3.1º C, 3.1º C, 3.1º C, 3.1º C, 3.1º C, 3.1º C, 3.1º C and 3.1º C.

Except:

The Chain-of-Custody (COC) was not properly filled out. The client was contacted and confirmed the sample collection date for all of the samples is 2/25/13

The coolers were received secure, but no custody seal numbers were recorded.

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.

TOTAL METALS
Samples 460-51333-1, 460-51333-3, 460-51333-4, 460-51333-6, 460-51333-7, 460-51333-9, 460-51333-10, 460-51333-12, 460-51333-13, 460-51333-15, 460-51333-16, 460-51333-18, 460-51333-19 and 460-51333-21 were analyzed for total metals in accordance with EPA SW-846 Method 6020. The samples were prepared on 02/27/2013 and analyzed on 02/28/2013 and 03/01/2013.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples 460-51333-1, 460-51333-3, 460-51333-4, 460-51333-6, 460-51333-7, 460-51333-9, 460-51333-10, 460-51333-12, 460-51333-13, 460-51333-15, 460-51333-16, 460-51333-18, 460-51333-19 and 460-51333-21 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 02/27/2013.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES
Samples 460-51333-1, 460-51333-3, 460-51333-4, 460-51333-6, 460-51333-7, 460-51333-9, 460-51333-10, 460-51333-12, 460-51333-13, 460-51333-15, 460-51333-16, 460-51333-18, 460-51333-19 and 460-51333-21 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 02/27/2013 and 02/28/2013 and analyzed on 03/06/2013 and 03/07/2013.

Sample 460-51333-15(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the pesticides analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-51333-1 through 460-51333-22 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/06/2013 and 03/07/2013.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 149880 were outside control limits for Tetrachloroethene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Acetone was detected in method blank MB 460-150001/4 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-51333-1, 460-51333-3, 460-51333-4, 460-51333-6, 460-51333-7, 460-51333-9, 460-51333-10, 460-51333-12, 460-51333-13, 460-51333-15, 460-51333-16, 460-51333-18, 460-51333-19 and 460-51333-21 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 02/27/2013 and 02/28/2013 and analyzed on 02/28/2013 and 03/01/2013.

The laboratory control sample (LCS) for batch 148840 exceeded control limits for the following analytes: 2-Nitroaniline.

The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 149066 exceeded control limits for the following analytes: Benzaldehyde.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 148840 were outside control limits for Benzaldehyde. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples 460-51333-1, 460-51333-3, 460-51333-4, 460-51333-6, 460-51333-7, 460-51333-9, 460-51333-10, 460-51333-12, 460-51333-13, 460-51333-15, 460-51333-16, 460-51333-18, 460-51333-19 and 460-51333-21 were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 02/27/2013.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-51333-1	130041-MW10R-45FT	Water	02/25/2013 1342	02/26/2013 1545
460-51333-2TB	130041-TB1-2-25-13	Water	02/25/2013 0000	02/26/2013 1545
460-51333-3	130041-MW8S-50FT	Water	02/25/2013 1519	02/26/2013 1545
460-51333-4	130041-MW-3-45FT	Water	02/25/2013 1825	02/26/2013 1545
460-51333-5TB	130041-TB2-2-25-13	Water	02/25/2013 0000	02/26/2013 1545
460-51333-6	130041-MW-2-45FT	Water	02/25/2013 1622	02/26/2013 1545
460-51333-7	130041-MW-4-45FT	Water	02/25/2013 1739	02/26/2013 1545
460-51333-8TB	130041-TB3-2-25-13	Water	02/25/2013 0000	02/26/2013 1545
460-51333-9	130041-MW9D-80FT	Water	02/25/2013 1707	02/26/2013 1545
460-51333-9MS	130041-MW9D-80FT	Water	02/25/2013 1707	02/26/2013 1545
460-51333-9MSD	130041-MW9D-80FT	Water	02/25/2013 1707	02/26/2013 1545
460-51333-9DU	130041-MW9D-80FT	Water	02/25/2013 1707	02/26/2013 1545
460-51333-10	130041-MW8D-58FT	Water	02/25/2013 1602	02/26/2013 1545
460-51333-11TB	130041-TB4-2-25-13	Water	02/25/2013 0000	02/26/2013 1545
460-51333-12	130041-MW7S-40FT	Water	02/25/2013 1036	02/26/2013 1545
460-51333-13	130041-MW11R-45FT	Water	02/25/2013 1236	02/26/2013 1545
460-51333-14TB	130041-TB5-2-25-13	Water	02/25/2013 0000	02/26/2013 1545
460-51333-15	130041-MW-5-45FT	Water	02/25/2013 1410	02/26/2013 1545
460-51333-16	130041-MW-6-55FT	Water	02/25/2013 1505	02/26/2013 1545
460-51333-17TB	130041-TB6-2-25-13	Water	02/25/2013 0000	02/26/2013 1545
460-51333-18	130041-MW-1-45FT	Water	02/25/2013 1235	02/26/2013 1545
460-51333-19	130041-MW-9S-40FT	Water	02/25/2013 1823	02/26/2013 1545
460-51333-20TB	130041-TB7-2-25-13	Water	02/25/2013 0000	02/26/2013 1545
460-51333-21	130041-MW-7D-55FT	Water	02/25/2013 1023	02/26/2013 1545
460-51333-22TB	130041-TB8-2-25-13	Water	02/25/2013 0000	02/26/2013 1545

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-51333-1	**130041-MW10R-45FT**					
Chloroform		0.52	J	1.0	ug/L	8260B
Trichloroethene		0.15	J	1.0	ug/L	8260B
Tetrachloroethene		1.0		1.0	ug/L	8260B
Benzo[a]anthracene		0.27	J	0.95	ug/L	8270C
Dieldrin		0.13		0.050	ug/L	8081A
alpha-Chlordane		0.045	J p	0.050	ug/L	8081A
Barium		61.6		5.0	ug/L	6020
Beryllium		1.3		1.0	ug/L	6020
Manganese		69.7		10.0	ug/L	6020
Nickel		5.9		5.0	ug/L	6020
Aluminum		204		50.0	ug/L	6020
Sodium		51600		250	ug/L	6020
Magnesium		1930		250	ug/L	6020
Potassium		9730		250	ug/L	6020
Calcium		10300		250	ug/L	6020
Iron		143	J	150	ug/L	6020
460-51333-3	**130041-MW8S-50FT**					
Arsenic		3.8		2.5	ug/L	6020
Barium		23.9		5.0	ug/L	6020
Aluminum		84.3		50.0	ug/L	6020
Sodium		12400		250	ug/L	6020
Magnesium		1550		250	ug/L	6020
Potassium		3020		250	ug/L	6020
Calcium		10900		250	ug/L	6020
Iron		4180		150	ug/L	6020
460-51333-4	**130041-MW-3-45FT**					
Chlordane		1.5		0.50	ug/L	8081A
Dieldrin		0.057		0.050	ug/L	8081A
Endosulfan I		0.067		0.050	ug/L	8081A
Heptachlor epoxide		0.072		0.050	ug/L	8081A
gamma-Chlordane		0.086		0.050	ug/L	8081A
alpha-Chlordane		0.16	p	0.050	ug/L	8081A
Barium		77.9		5.0	ug/L	6020
Manganese		8.8	J	10.0	ug/L	6020
Sodium		48500		250	ug/L	6020
Magnesium		2240		250	ug/L	6020
Potassium		2690		250	ug/L	6020
Calcium		14100		250	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-51333-6	**130041-MW-2-45FT**					
Chlordane		1.9		0.50	ug/L	8081A
4,4'-DDD		0.12		0.050	ug/L	8081A
Dieldrin		0.036	J	0.050	ug/L	8081A
gamma-Chlordane		0.26		0.050	ug/L	8081A
alpha-Chlordane		0.19	p	0.050	ug/L	8081A
Barium		47.3		5.0	ug/L	6020
Manganese		21.6		10.0	ug/L	6020
Aluminum		120		50.0	ug/L	6020
Sodium		64100		250	ug/L	6020
Magnesium		1580		250	ug/L	6020
Potassium		2260		250	ug/L	6020
Calcium		8210		250	ug/L	6020
Iron		437		150	ug/L	6020
Cyanide, Total		47.1	J	100	ug/L	9012A
460-51333-7	**130041-MW-4-45FT**					
Chlordane		1.4		0.50	ug/L	8081A
4,4'-DDD		0.027	J	0.050	ug/L	8081A
Dieldrin		0.060		0.050	ug/L	8081A
Endosulfan I		0.061		0.050	ug/L	8081A
Heptachlor epoxide		0.068		0.050	ug/L	8081A
gamma-Chlordane		0.11		0.050	ug/L	8081A
alpha-Chlordane		0.13	p	0.050	ug/L	8081A
Barium		71.6		5.0	ug/L	6020
Sodium		58800		250	ug/L	6020
Magnesium		2290		250	ug/L	6020
Potassium		2620		250	ug/L	6020
Calcium		12000		250	ug/L	6020
460-51333-9	**130041-MW9D-80FT**					
1,1-Dichloroethene		1.0		1.0	ug/L	8260B
MTBE		0.25	J	1.0	ug/L	8260B
Chloroform		0.27	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.37	J	1.0	ug/L	8260B
Trichloroethene		3.5		1.0	ug/L	8260B
Tetrachloroethene		46		1.0	ug/L	8260B
4,4'-DDD		0.061		0.050	ug/L	8081A
Barium		49.9		5.0	ug/L	6020
Selenium		2.1	J	2.5	ug/L	6020
Sodium		25800		250	ug/L	6020
Magnesium		4180		250	ug/L	6020
Potassium		2870		250	ug/L	6020
Calcium		22900		250	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-51333-10	**130041-MW8D-58FT**					
Barium		15.2		5.0	ug/L	6020
Chromium		35.4		5.0	ug/L	6020
Manganese		14.2		10.0	ug/L	6020
Nickel		26.8		5.0	ug/L	6020
Aluminum		82.9		50.0	ug/L	6020
Sodium		32100		250	ug/L	6020
Magnesium		1110		250	ug/L	6020
Potassium		1110		250	ug/L	6020
Calcium		5200		250	ug/L	6020
Iron		424		150	ug/L	6020
460-51333-12	**130041-MW7S-40FT**					
Trichloroethene		1.8		1.0	ug/L	8260B
Tetrachloroethene		8.9		1.0	ug/L	8260B
Barium		135		5.0	ug/L	6020
Chromium		9.8		5.0	ug/L	6020
Manganese		22.1		10.0	ug/L	6020
Nickel		6.6		5.0	ug/L	6020
Aluminum		356		50.0	ug/L	6020
Sodium		115000		250	ug/L	6020
Magnesium		4990		250	ug/L	6020
Potassium		5990		250	ug/L	6020
Calcium		32900		250	ug/L	6020
Iron		1830		150	ug/L	6020
Cyanide, Total		57.7	J	100	ug/L	9012A

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-51333-13	**130041-MW11R-45FT**					
Chloroform		0.69	J	1.0	ug/L	8260B
Trichloroethene		0.16	J	1.0	ug/L	8260B
Tetrachloroethene		0.82	J	1.0	ug/L	8260B
Chlordane		0.57		0.48	ug/L	8081A
Dieldrin		0.23		0.048	ug/L	8081A
Heptachlor epoxide		0.14		0.048	ug/L	8081A
gamma-Chlordane		0.032	J p	0.048	ug/L	8081A
alpha-Chlordane		0.060	p	0.048	ug/L	8081A
Barium		42.0		5.0	ug/L	6020
Manganese		41.3		10.0	ug/L	6020
Lead		1.4	J	1.5	ug/L	6020
Aluminum		1300		50.0	ug/L	6020
Sodium		38500		250	ug/L	6020
Magnesium		2770		250	ug/L	6020
Potassium		2910		250	ug/L	6020
Calcium		15100		250	ug/L	6020
Iron		1040		150	ug/L	6020
Cyanide, Total		65.9	J	100	ug/L	9012A
460-51333-15	**130041-MW-5-45FT**					
Benzo[a]anthracene		0.64	J	1.0	ug/L	8270C
Benzo[b]fluoranthene		1.3		1.0	ug/L	8270C
Benzo[k]fluoranthene		0.66	J	1.0	ug/L	8270C
Benzo[a]pyrene		0.92	J	1.0	ug/L	8270C
Indeno[1,2,3-cd]pyrene		0.55	J	1.0	ug/L	8270C
Chlordane		13		2.4	ug/L	8081A
Dieldrin		0.28	p	0.24	ug/L	8081A
Heptachlor epoxide		0.20	J p	0.24	ug/L	8081A
gamma-Chlordane		1.3		0.24	ug/L	8081A
alpha-Chlordane		1.8	p	0.24	ug/L	8081A
Arsenic		3.7		2.5	ug/L	6020
Barium		80.3		5.0	ug/L	6020
Manganese		8.7	J	10.0	ug/L	6020
Selenium		2.1	J	2.5	ug/L	6020
Aluminum		139		50.0	ug/L	6020
Sodium		51000		250	ug/L	6020
Magnesium		2290		250	ug/L	6020
Potassium		2700		250	ug/L	6020
Calcium		13900		250	ug/L	6020
Iron		267		150	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-51333-16	**130041-MW-6-55FT**					
1,1,1-Trichloroethane		0.22	J	1.0	ug/L	8260B
Trichloroethene		1.5		1.0	ug/L	8260B
Tetrachloroethene		2.5		1.0	ug/L	8260B
Chlordane		1.6		0.48	ug/L	8081A
Dieldrin		0.13		0.048	ug/L	8081A
Heptachlor epoxide		0.048	p	0.048	ug/L	8081A
gamma-Chlordane		0.19		0.048	ug/L	8081A
alpha-Chlordane		0.27		0.048	ug/L	8081A
Barium		76.9		5.0	ug/L	6020
Cadmium		3.0		2.5	ug/L	6020
Sodium		31000		250	ug/L	6020
Magnesium		3990		250	ug/L	6020
Potassium		3790		250	ug/L	6020
Calcium		22000		250	ug/L	6020
460-51333-18	**130041-MW-1-45FT**					
Chloroform		0.13	J	1.0	ug/L	8260B
Chlordane		3.9		0.48	ug/L	8081A
Dieldrin		0.080		0.048	ug/L	8081A
Heptachlor epoxide		0.042	J p	0.048	ug/L	8081A
gamma-Chlordane		0.53		0.048	ug/L	8081A
alpha-Chlordane		0.41	p	0.048	ug/L	8081A
Barium		51.1		5.0	ug/L	6020
Sodium		39600		250	ug/L	6020
Magnesium		3650		250	ug/L	6020
Potassium		1820		250	ug/L	6020
Calcium		15100		250	ug/L	6020
Iron		124	J	150	ug/L	6020

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-51333-19	**130041-MW-9S-40FT**					
Tetrachloroethene		0.16	J	1.0	ug/L	8260B
Chlordane		1.6		0.48	ug/L	8081A
4,4'-DDD		0.033	J p	0.048	ug/L	8081A
Dieldrin		0.25		0.048	ug/L	8081A
Heptachlor epoxide		0.096		0.048	ug/L	8081A
gamma-Chlordane		0.080		0.048	ug/L	8081A
alpha-Chlordane		0.14	p	0.048	ug/L	8081A
Barium		65.4		5.0	ug/L	6020
Chromium		6.7		5.0	ug/L	6020
Copper		6.4		5.0	ug/L	6020
Manganese		54.2		10.0	ug/L	6020
Nickel		5.9		5.0	ug/L	6020
Lead		1.6		1.5	ug/L	6020
Vanadium		5.0		5.0	ug/L	6020
Aluminum		1380		50.0	ug/L	6020
Sodium		30600		250	ug/L	6020
Magnesium		2880		250	ug/L	6020
Potassium		2670		250	ug/L	6020
Calcium		16500		250	ug/L	6020
Iron		4890		150	ug/L	6020
460-51333-21	**130041-MW-7D-55FT**					
1,1,1-Trichloroethane		0.37	J	1.0	ug/L	8260B
Trichloroethene		0.35	J	1.0	ug/L	8260B
Tetrachloroethene		2.2		1.0	ug/L	8260B
Dieldrin		0.031	J	0.048	ug/L	8081A
Barium		54.6		5.0	ug/L	6020
Cadmium		2.7		2.5	ug/L	6020
Zinc		61.1		20.0	ug/L	6020
Sodium		33400		250	ug/L	6020
Magnesium		4950		250	ug/L	6020
Potassium		1670		250	ug/L	6020
Calcium		22100		250	ug/L	6020

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 460-51333-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP/MS)	TAL EDI	SW846 6020	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Cyanide, Total and/or Amenable	TAL EDI	SW846 9012A	
Cyanide, Total and/or Amenable, Distillation	TAL EDI		SW846 9012A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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: 460-51333-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Crocco, Michael	MC
SW846 8081A	Manlangit, Ferdie	FM
SW846 6020	Dave, Virendra	VD
SW846 7470A	Staib, Thomas	TS
SW846 9012A	Kamenetskaya, Raisa	RK

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10352.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1543			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1543				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	0.52	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.15	J	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0		0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10352.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1543			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1543				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	99		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB1-2-25-13**

Lab Sample ID: 460-51333-2TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10345.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1257			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1257				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB1-2-25-13**

Lab Sample ID: 460-51333-2TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10345.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1257			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1257				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	98		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10363.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2125			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2125				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10363.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2125			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2125				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	96		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10360.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2014			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10360.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2014			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	95		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB2-2-25-13**

Lab Sample ID: 460-51333-5TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10346.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1321			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1321				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB2-2-25-13**

Lab Sample ID: 460-51333-5TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10346.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1321			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1321				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	97		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10362.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2101			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10362.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2101			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	96		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10361.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2037			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2037				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10361.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2037			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2037				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	96		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB3-2-25-13**

Lab Sample ID: 460-51333-8TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10347.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1345			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1345				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB3-2-25-13**

Lab Sample ID: 460-51333-8TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10347.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1345			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1345				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	101		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10368.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0029			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0		0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	0.25	J	0.14	1.0
Chloroform	0.27	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.37	J	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	3.5		0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	46		0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10368.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0029			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	96		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10349.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1432			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1432				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10349.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1432			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1432				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	101		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB4-2-25-13**

Lab Sample ID: 460-51333-11TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10348.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1408			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1408				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB4-2-25-13**

Lab Sample ID: 460-51333-11TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10348.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1408			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1408				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	97		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10350.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1456			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1456				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.8		0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	8.9		0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10350.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1456			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1456				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	95		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10351.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1520			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	0.69	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.16	J	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.82	J	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10351.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1520			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	100		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB5-2-25-13**

Lab Sample ID: 460-51333-14TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10369.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0053			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0053				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB5-2-25-13**

Lab Sample ID: 460-51333-14TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10369.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0053			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0053				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	95		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10375.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0314			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10375.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0314			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	94		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10382.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0616			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0616				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.22	J	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.5		0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	2.5		0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10382.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0616			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0616				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	96		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB6-2-25-13**

Lab Sample ID: 460-51333-17TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10370.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0117			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB6-2-25-13**

Lab Sample ID: 460-51333-17TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10370.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0117			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	95		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10383.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0639			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0639				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	0.13	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10383.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0639			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0639				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	96		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10384.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0703			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0703				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.16	J	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10384.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0703			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0703				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	96		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB7-2-25-13**

Lab Sample ID: 460-51333-20TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10371.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0140			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0140				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB7-2-25-13**

Lab Sample ID: 460-51333-20TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10371.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0140			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0140				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	94		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10385.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0727			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.37	J	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	0.35	J	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	2.2		0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10385.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0727			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	97		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB8-2-25-13**

Lab Sample ID: 460-51333-22TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10372.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0204			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0204				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-TB8-2-25-13**

Lab Sample ID: 460-51333-22TB Date Sampled: 02/25/2013 0000
Client Matrix: Water Date Received: 02/26/2013 1545

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	k10372.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0204			Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0204				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	97		70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34709.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1554			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34709.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1554			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.27	J	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	39		10 - 65
2-Fluorobiphenyl	82		53 - 108
Phenol-d5	28		10 - 48
Nitrobenzene-d5	94		56 - 112
2,4,6-Tribromophenol	92		46 - 122
Terphenyl-d14	80		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34710.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1618			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34710.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1618			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	53		10 - 65
2-Fluorobiphenyl	93		53 - 108
Phenol-d5	40		10 - 48
Nitrobenzene-d5	102		56 - 112
2,4,6-Tribromophenol	102		46 - 122
Terphenyl-d14	90		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34724.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 2152			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34724.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 2152			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	36		10 - 65
2-Fluorobiphenyl	77		53 - 108
Phenol-d5	24		10 - 48
Nitrobenzene-d5	85		56 - 112
2,4,6-Tribromophenol	91		46 - 122
Terphenyl-d14	77		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34711.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1642			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34711.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1642			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	43		10 - 65
2-Fluorobiphenyl	84		53 - 108
Phenol-d5	26		10 - 48
Nitrobenzene-d5	94		56 - 112
2,4,6-Tribromophenol	95		46 - 122
Terphenyl-d14	84		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34712.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1706			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34712.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1706			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	40		10 - 65
2-Fluorobiphenyl	85		53 - 108
Phenol-d5	26		10 - 48
Nitrobenzene-d5	93		56 - 112
2,4,6-Tribromophenol	97		46 - 122
Terphenyl-d14	81		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34683.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 0424			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34683.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 0424			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	39		10 - 65
2-Fluorobiphenyl	83		53 - 108
Phenol-d5	25		10 - 48
Nitrobenzene-d5	87		56 - 112
2,4,6-Tribromophenol	89		46 - 122
Terphenyl-d14	81		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34713.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1730			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34713.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1730			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	47		10 - 65
2-Fluorobiphenyl	90		53 - 108
Phenol-d5	31		10 - 48
Nitrobenzene-d5	99		56 - 112
2,4,6-Tribromophenol	102		46 - 122
Terphenyl-d14	91		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34714.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1754			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34714.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1754			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	41		10 - 65
2-Fluorobiphenyl	84		53 - 108
Phenol-d5	28		10 - 48
Nitrobenzene-d5	89		56 - 112
2,4,6-Tribromophenol	94		46 - 122
Terphenyl-d14	79		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34715.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1817			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	9.5	U	1.9	9.5
Phenol	9.5	U	0.77	9.5
Bis(2-chloroethyl)ether	0.95	U	0.27	0.95
2-Chlorophenol	9.5	U	2.1	9.5
2-Methylphenol	9.5	U	1.7	9.5
Acetophenone	9.5	U	2.6	9.5
N-Nitrosodi-n-propylamine	0.95	U	0.24	0.95
Hexachloroethane	0.95	U	0.24	0.95
Nitrobenzene	0.95	U	0.29	0.95
Isophorone	9.5	U	2.6	9.5
2-Nitrophenol	9.5	U	2.3	9.5
2,4-Dimethylphenol	9.5	U	3.2	9.5
Bis(2-chloroethoxy)methane	9.5	U	2.5	9.5
2,4-Dichlorophenol	9.5	U	2.5	9.5
Naphthalene	9.5	U	2.6	9.5
4-Chloroaniline	9.5	U	1.9	9.5
Hexachlorobutadiene	1.9	U	0.54	1.9
Caprolactam	9.5	U	2.4	9.5
4-Chloro-3-methylphenol	9.5	U	2.4	9.5
2-Methylnaphthalene	9.5	U	2.9	9.5
Hexachlorocyclopentadiene	9.5	U	1.6	9.5
2,4,6-Trichlorophenol	9.5	U	2.3	9.5
2,4,5-Trichlorophenol	9.5	U	2.5	9.5
2-Chloronaphthalene	9.5	U	2.6	9.5
2-Nitroaniline	19	U *	4.7	19
Dimethyl phthalate	9.5	U	2.7	9.5
Acenaphthylene	9.5	U	2.6	9.5
2,6-Dinitrotoluene	1.9	U	0.58	1.9
3-Nitroaniline	19	U	4.8	19
Acenaphthene	9.5	U	2.6	9.5
2,4-Dinitrophenol	29	U	5.1	29
4-Nitrophenol	29	U	6.4	29
Dibenzofuran	9.5	U	2.7	9.5
2,4-Dinitrotoluene	1.9	U	0.45	1.9
Diethyl phthalate	9.5	U	2.8	9.5
4-Chlorophenyl phenyl ether	9.5	U	2.4	9.5
Fluorene	9.5	U	2.7	9.5
4-Nitroaniline	19	U	5.5	19
4,6-Dinitro-2-methylphenol	29	U	4.5	29
N-Nitrosodiphenylamine	9.5	U	2.8	9.5
4-Bromophenyl phenyl ether	9.5	U	2.4	9.5
Hexachlorobenzene	0.95	U	0.28	0.95
Atrazine	9.5	U	2.9	9.5
Pentachlorophenol	29	U	5.0	29
Phenanthrene	9.5	U	3.0	9.5
Anthracene	9.5	U	2.7	9.5

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149146	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-148840	Lab File ID:	x34715.d
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 1817			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	9.5	U	3.0	9.5
Di-n-butyl phthalate	9.5	U	2.8	9.5
Fluoranthene	9.5	U	3.0	9.5
Pyrene	9.5	U	2.8	9.5
Butyl benzyl phthalate	9.5	U	2.4	9.5
3,3'-Dichlorobenzidine	19	U	4.7	19
Benzo[a]anthracene	0.95	U	0.26	0.95
Chrysene	9.5	U	3.0	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	1.9	9.5
Di-n-octyl phthalate	9.5	U	1.4	9.5
Benzo[b]fluoranthene	0.95	U	0.25	0.95
Benzo[k]fluoranthene	0.95	U	0.25	0.95
Benzo[a]pyrene	0.95	U	0.13	0.95
Indeno[1,2,3-cd]pyrene	0.95	U	0.14	0.95
Dibenz(a,h)anthracene	0.95	U	0.086	0.95
Benzo[g,h,i]perylene	9.5	U	1.9	9.5
Diphenyl	9.5	U	2.7	9.5
4-Methylphenol	9.5	U	1.5	9.5
bis (2-chloroisopropyl) ether	9.5	U	1.9	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	38		10 - 65
2-Fluorobiphenyl	82		53 - 108
Phenol-d5	27		10 - 48
Nitrobenzene-d5	89		56 - 112
2,4,6-Tribromophenol	90		46 - 122
Terphenyl-d14	87		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19200.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0921			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	2.0	10
Phenol	10	U	0.81	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
Acetophenone	10	U	2.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
2,4-Dichlorophenol	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
4-Nitrophenol	30	U	6.7	30
Dibenzofuran	10	U	2.8	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
Diethyl phthalate	10	U	2.9	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
Fluorene	10	U	2.8	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Atrazine	10	U	3.0	10
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19200.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0921			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	3.2	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	0.64	J	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.3		0.26	1.0
Benzo[k]fluoranthene	0.66	J	0.26	1.0
Benzo[a]pyrene	0.92	J	0.14	1.0
Indeno[1,2,3-cd]pyrene	0.55	J	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Diphenyl	10	U	2.8	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	28		10 - 65
2-Fluorobiphenyl	85		53 - 108
Phenol-d5	17		10 - 48
Nitrobenzene-d5	89		56 - 112
2,4,6-Tribromophenol	85		46 - 122
Terphenyl-d14	88		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19201.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0946			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	2.0	10
Phenol	10	U	0.81	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
Acetophenone	10	U	2.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
2,4-Dichlorophenol	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
4-Nitrophenol	30	U	6.7	30
Dibenzofuran	10	U	2.8	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
Diethyl phthalate	10	U	2.9	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
Fluorene	10	U	2.8	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Atrazine	10	U	3.0	10
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19201.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0946			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	3.2	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Diphenyl	10	U	2.8	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	32		10 - 65
2-Fluorobiphenyl	86		53 - 108
Phenol-d5	18		10 - 48
Nitrobenzene-d5	89		56 - 112
2,4,6-Tribromophenol	89		46 - 122
Terphenyl-d14	92		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19202.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1010			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	2.0	10
Phenol	10	U	0.81	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
Acetophenone	10	U	2.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
2,4-Dichlorophenol	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
4-Nitrophenol	30	U	6.7	30
Dibenzofuran	10	U	2.8	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
Diethyl phthalate	10	U	2.9	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
Fluorene	10	U	2.8	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Atrazine	10	U	3.0	10
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19202.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1010			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	3.2	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Diphenyl	10	U	2.8	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	28		10 - 65
2-Fluorobiphenyl	82		53 - 108
Phenol-d5	17		10 - 48
Nitrobenzene-d5	86		56 - 112
2,4,6-Tribromophenol	84		46 - 122
Terphenyl-d14	89		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19209.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1301			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	2.0	10
Phenol	10	U	0.81	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
Acetophenone	10	U	2.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
2,4-Dichlorophenol	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
4-Nitrophenol	30	U	6.7	30
Dibenzofuran	10	U	2.8	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
Diethyl phthalate	10	U	2.9	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
Fluorene	10	U	2.8	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Atrazine	10	U	3.0	10
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19209.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1301			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	3.2	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Diphenyl	10	U	2.8	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	30		10 - 65
2-Fluorobiphenyl	85		53 - 108
Phenol-d5	17		10 - 48
Nitrobenzene-d5	91		56 - 112
2,4,6-Tribromophenol	86		46 - 122
Terphenyl-d14	94		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19210.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1326			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	2.0	10
Phenol	10	U	0.81	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
Acetophenone	10	U	2.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
2,4-Dichlorophenol	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
4-Nitrophenol	30	U	6.7	30
Dibenzofuran	10	U	2.8	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
Diethyl phthalate	10	U	2.9	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
Fluorene	10	U	2.8	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Atrazine	10	U	3.0	10
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023
Client Matrix: Water Date Received: 02/26/2013 1545

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Prep Method:	3510C	Prep Batch:	460-149066	Lab File ID:	z19210.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1326			Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	3.2	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Diphenyl	10	U	2.8	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	32		10 - 65
2-Fluorobiphenyl	88		53 - 108
Phenol-d5	18		10 - 48
Nitrobenzene-d5	93		56 - 112
2,4,6-Tribromophenol	86		46 - 122
Terphenyl-d14	97		50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2125			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	0.50	U	0.33	0.50
4,4'-DDD	0.050	U	0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.13		0.0050	0.050
Endosulfan I	0.050	U	0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.050	U	0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.050	U	0.0090	0.050
alpha-Chlordane	0.045	J p	0.0080	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	119		38 - 150
DCB Decachlorobiphenyl	101		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2125			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	110		38 - 150
DCB Decachlorobiphenyl	96		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2139			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	0.50	U	0.33	0.50
4,4'-DDD	0.050	U	0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.050	U	0.0050	0.050
Endosulfan I	0.050	U	0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.050	U	0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.050	U	0.0090	0.050
alpha-Chlordane	0.050	U	0.0080	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	118		38 - 150
DCB Decachlorobiphenyl	102		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2139			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	106		38 - 150
DCB Decachlorobiphenyl	97		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2153			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	1.5		0.33	0.50
4,4'-DDD	0.050	U	0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.057		0.0050	0.050
Endosulfan I	0.067		0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.072		0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.086		0.0090	0.050
alpha-Chlordane	0.16	p	0.0080	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	109		38 - 150
DCB Decachlorobiphenyl	108		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2153			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		38 - 150
DCB Decachlorobiphenyl	104		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2207			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	1.9		0.33	0.50
4,4'-DDD	0.12		0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.036	J	0.0050	0.050
Endosulfan I	0.050	U	0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.050	U	0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.26		0.0090	0.050
alpha-Chlordane	0.19	p	0.0080	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	104		38 - 150
DCB Decachlorobiphenyl	95		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2207			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	95		38 - 150
DCB Decachlorobiphenyl	92		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2221			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	1.4		0.33	0.50
4,4'-DDD	0.027	J	0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.060		0.0050	0.050
Endosulfan I	0.061		0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.068		0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.11		0.0090	0.050
alpha-Chlordane	0.13	p	0.0080	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	125		38 - 150
DCB Decachlorobiphenyl	123		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2221			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	114		38 - 150
DCB Decachlorobiphenyl	119		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2016			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	0.50	U	0.33	0.50
4,4'-DDD	0.061		0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.050	U	0.0050	0.050
Endosulfan I	0.050	U	0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.050	U	0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.050	U	0.0090	0.050
alpha-Chlordane	0.050	U	0.0080	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	124		38 - 150
DCB Decachlorobiphenyl	108		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-148935	Initial Weight/Volume:	1000 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2016			Injection Volume:	
Prep Date:	02/27/2013 1431			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	123		38 - 150
DCB Decachlorobiphenyl	103		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1220			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.048	U	0.0095	0.048
alpha-BHC	0.048	U	0.0095	0.048
beta-BHC	0.048	U	0.010	0.048
delta-BHC	0.048	U	0.0086	0.048
gamma-BHC (Lindane)	0.048	U	0.011	0.048
Chlordane	0.48	U	0.32	0.48
4,4'-DDD	0.048	U	0.010	0.048
4,4'-DDE	0.048	U	0.0086	0.048
4,4'-DDT	0.048	U	0.0095	0.048
Dieldrin	0.048	U	0.0048	0.048
Endosulfan I	0.048	U	0.0086	0.048
Endosulfan II	0.048	U	0.0095	0.048
Endosulfan sulfate	0.048	U	0.015	0.048
Endrin	0.048	U	0.0095	0.048
Endrin aldehyde	0.048	U	0.0086	0.048
Endrin ketone	0.048	U	0.010	0.048
Heptachlor	0.048	U	0.0095	0.048
Heptachlor epoxide	0.048	U	0.0095	0.048
Methoxychlor	0.048	U	0.012	0.048
Toxaphene	0.48	U	0.19	0.48
gamma-Chlordane	0.048	U	0.0086	0.048
alpha-Chlordane	0.048	U	0.0076	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	116		38 - 150
DCB Decachlorobiphenyl	103		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1220			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	106		38 - 150
DCB Decachlorobiphenyl	98		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1206			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.048	U	0.0095	0.048
alpha-BHC	0.048	U	0.0095	0.048
beta-BHC	0.048	U	0.010	0.048
delta-BHC	0.048	U	0.0086	0.048
gamma-BHC (Lindane)	0.048	U	0.011	0.048
Chlordane	0.48	U	0.32	0.48
4,4'-DDD	0.048	U	0.010	0.048
4,4'-DDE	0.048	U	0.0086	0.048
4,4'-DDT	0.048	U	0.0095	0.048
Dieldrin	0.048	U	0.0048	0.048
Endosulfan I	0.048	U	0.0086	0.048
Endosulfan II	0.048	U	0.0095	0.048
Endosulfan sulfate	0.048	U	0.015	0.048
Endrin	0.048	U	0.0095	0.048
Endrin aldehyde	0.048	U	0.0086	0.048
Endrin ketone	0.048	U	0.010	0.048
Heptachlor	0.048	U	0.0095	0.048
Heptachlor epoxide	0.048	U	0.0095	0.048
Methoxychlor	0.048	U	0.012	0.048
Toxaphene	0.48	U	0.19	0.48
gamma-Chlordane	0.048	U	0.0086	0.048
alpha-Chlordane	0.048	U	0.0076	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	125		38 - 150
DCB Decachlorobiphenyl	103		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1206			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	115		38 - 150
DCB Decachlorobiphenyl	101		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1152			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.048	U	0.0095	0.048
alpha-BHC	0.048	U	0.0095	0.048
beta-BHC	0.048	U	0.010	0.048
delta-BHC	0.048	U	0.0086	0.048
gamma-BHC (Lindane)	0.048	U	0.011	0.048
Chlordane	0.57		0.32	0.48
4,4'-DDD	0.048	U	0.010	0.048
4,4'-DDE	0.048	U	0.0086	0.048
4,4'-DDT	0.048	U	0.0095	0.048
Dieldrin	0.23		0.0048	0.048
Endosulfan I	0.048	U	0.0086	0.048
Endosulfan II	0.048	U	0.0095	0.048
Endosulfan sulfate	0.048	U	0.015	0.048
Endrin	0.048	U	0.0095	0.048
Endrin aldehyde	0.048	U	0.0086	0.048
Endrin ketone	0.048	U	0.010	0.048
Heptachlor	0.048	U	0.0095	0.048
Heptachlor epoxide	0.14		0.0095	0.048
Methoxychlor	0.048	U	0.012	0.048
Toxaphene	0.48	U	0.19	0.48
gamma-Chlordane	0.032	J p	0.0086	0.048
alpha-Chlordane	0.060	p	0.0076	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	120		38 - 150
DCB Decachlorobiphenyl	90		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1152			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	110		38 - 150
DCB Decachlorobiphenyl	88		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	5.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1346			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.24	U	0.048	0.24
alpha-BHC	0.24	U	0.048	0.24
beta-BHC	0.24	U	0.052	0.24
delta-BHC	0.24	U	0.043	0.24
gamma-BHC (Lindane)	0.24	U	0.057	0.24
Chlordane	13		1.6	2.4
4,4'-DDD	0.24	U	0.052	0.24
4,4'-DDE	0.24	U	0.043	0.24
4,4'-DDT	0.24	U	0.048	0.24
Dieldrin	0.28	p	0.024	0.24
Endosulfan I	0.24	U	0.043	0.24
Endosulfan II	0.24	U	0.048	0.24
Endosulfan sulfate	0.24	U	0.076	0.24
Endrin	0.24	U	0.048	0.24
Endrin aldehyde	0.24	U	0.043	0.24
Endrin ketone	0.24	U	0.052	0.24
Heptachlor	0.24	U	0.048	0.24
Heptachlor epoxide	0.20	J p	0.048	0.24
Methoxychlor	0.24	U	0.062	0.24
Toxaphene	2.4	U	0.95	2.4
gamma-Chlordane	1.3		0.043	0.24
alpha-Chlordane	1.8	p	0.038	0.24

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	96		38 - 150
DCB Decachlorobiphenyl	95		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	5.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1346			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		38 - 150
DCB Decachlorobiphenyl	75		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1125			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.048	U	0.0095	0.048
alpha-BHC	0.048	U	0.0095	0.048
beta-BHC	0.048	U	0.010	0.048
delta-BHC	0.048	U	0.0086	0.048
gamma-BHC (Lindane)	0.048	U	0.011	0.048
Chlordane	1.6		0.32	0.48
4,4'-DDD	0.048	U	0.010	0.048
4,4'-DDE	0.048	U	0.0086	0.048
4,4'-DDT	0.048	U	0.0095	0.048
Dieldrin	0.13		0.0048	0.048
Endosulfan I	0.048	U	0.0086	0.048
Endosulfan II	0.048	U	0.0095	0.048
Endosulfan sulfate	0.048	U	0.015	0.048
Endrin	0.048	U	0.0095	0.048
Endrin aldehyde	0.048	U	0.0086	0.048
Endrin ketone	0.048	U	0.010	0.048
Heptachlor	0.048	U	0.0095	0.048
Heptachlor epoxide	0.048	p	0.0095	0.048
Methoxychlor	0.048	U	0.012	0.048
Toxaphene	0.48	U	0.19	0.48
gamma-Chlordane	0.19		0.0086	0.048
alpha-Chlordane	0.27		0.0076	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	139		38 - 150
DCB Decachlorobiphenyl	119		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1125			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	124		38 - 150
DCB Decachlorobiphenyl	115		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1111			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.048	U	0.0095	0.048
alpha-BHC	0.048	U	0.0095	0.048
beta-BHC	0.048	U	0.010	0.048
delta-BHC	0.048	U	0.0086	0.048
gamma-BHC (Lindane)	0.048	U	0.011	0.048
Chlordane	3.9		0.32	0.48
4,4'-DDD	0.048	U	0.010	0.048
4,4'-DDE	0.048	U	0.0086	0.048
4,4'-DDT	0.048	U	0.0095	0.048
Dieldrin	0.080		0.0048	0.048
Endosulfan I	0.048	U	0.0086	0.048
Endosulfan II	0.048	U	0.0095	0.048
Endosulfan sulfate	0.048	U	0.015	0.048
Endrin	0.048	U	0.0095	0.048
Endrin aldehyde	0.048	U	0.0086	0.048
Endrin ketone	0.048	U	0.010	0.048
Heptachlor	0.048	U	0.0095	0.048
Heptachlor epoxide	0.042	J p	0.0095	0.048
Methoxychlor	0.048	U	0.012	0.048
Toxaphene	0.48	U	0.19	0.48
gamma-Chlordane	0.53		0.0086	0.048
alpha-Chlordane	0.41	p	0.0076	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	119		38 - 150
DCB Decachlorobiphenyl	99		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1111			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	105		38 - 150
DCB Decachlorobiphenyl	99		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1057			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.048	U	0.0095	0.048
alpha-BHC	0.048	U	0.0095	0.048
beta-BHC	0.048	U	0.010	0.048
delta-BHC	0.048	U	0.0086	0.048
gamma-BHC (Lindane)	0.048	U	0.011	0.048
Chlordane	1.6		0.32	0.48
4,4'-DDD	0.033	J p	0.010	0.048
4,4'-DDE	0.048	U	0.0086	0.048
4,4'-DDT	0.048	U	0.0095	0.048
Dieldrin	0.25		0.0048	0.048
Endosulfan I	0.048	U	0.0086	0.048
Endosulfan II	0.048	U	0.0095	0.048
Endosulfan sulfate	0.048	U	0.015	0.048
Endrin	0.048	U	0.0095	0.048
Endrin aldehyde	0.048	U	0.0086	0.048
Endrin ketone	0.048	U	0.010	0.048
Heptachlor	0.048	U	0.0095	0.048
Heptachlor epoxide	0.096		0.0095	0.048
Methoxychlor	0.048	U	0.012	0.048
Toxaphene	0.48	U	0.19	0.48
gamma-Chlordane	0.080		0.0086	0.048
alpha-Chlordane	0.14	p	0.0076	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	129		38 - 150
DCB Decachlorobiphenyl	102		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1057			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	118		38 - 150
DCB Decachlorobiphenyl	99		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1043			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.048	U	0.0095	0.048
alpha-BHC	0.048	U	0.0095	0.048
beta-BHC	0.048	U	0.010	0.048
delta-BHC	0.048	U	0.0086	0.048
gamma-BHC (Lindane)	0.048	U	0.011	0.048
Chlordane	0.48	U	0.32	0.48
4,4'-DDD	0.048	U	0.010	0.048
4,4'-DDE	0.048	U	0.0086	0.048
4,4'-DDT	0.048	U	0.0095	0.048
Dieldrin	0.031	J	0.0048	0.048
Endosulfan I	0.048	U	0.0086	0.048
Endosulfan II	0.048	U	0.0095	0.048
Endosulfan sulfate	0.048	U	0.015	0.048
Endrin	0.048	U	0.0095	0.048
Endrin aldehyde	0.048	U	0.0086	0.048
Endrin ketone	0.048	U	0.010	0.048
Heptachlor	0.048	U	0.0095	0.048
Heptachlor epoxide	0.048	U	0.0095	0.048
Methoxychlor	0.048	U	0.012	0.048
Toxaphene	0.48	U	0.19	0.48
gamma-Chlordane	0.048	U	0.0086	0.048
alpha-Chlordane	0.048	U	0.0076	0.048

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	125		38 - 150
DCB Decachlorobiphenyl	108		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023
Client Matrix: Water Date Received: 02/26/2013 1545

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-149023	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/07/2013 1043			Injection Volume:	
Prep Date:	02/28/2013 0813			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	120		38 - 150
DCB Decachlorobiphenyl	105		14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	029SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2211			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	61.6		3.8	5.0
Beryllium	1.3		0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	69.7		8.1	10.0
Nickel	5.9		4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	204		43.8	50.0
Sodium	51600		193	250
Magnesium	1930		197	250
Potassium	9730		202	250
Calcium	10300		196	250
Iron	143	J	119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2019			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	030SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2215			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	3.8		1.8	2.5
Barium	23.9		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	10.0	U	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	84.3		43.8	50.0
Sodium	12400		193	250
Magnesium	1550		197	250
Potassium	3020		202	250
Calcium	10900		196	250
Iron	4180		119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2021			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	031SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2219			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	77.9		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	8.8	J	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	50.0	U	43.8	50.0
Sodium	48500		193	250
Magnesium	2240		197	250
Potassium	2690		202	250
Calcium	14100		196	250
Iron	150	U	119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2023			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	032SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2222			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	47.3		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	21.6		8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	120		43.8	50.0
Sodium	64100		193	250
Magnesium	1580		197	250
Potassium	2260		202	250
Calcium	8210		196	250
Iron	437		119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2025			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	033SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2226			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	71.6		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	10.0	U	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	50.0	U	43.8	50.0
Sodium	58800		193	250
Magnesium	2290		197	250
Potassium	2620		202	250
Calcium	12000		196	250
Iron	150	U	119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2027			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	022SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2146			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	49.9		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	10.0	U	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.1	J	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	50.0	U	43.8	50.0
Sodium	25800		193	250
Magnesium	4180		197	250
Potassium	2870		202	250
Calcium	22900		196	250
Iron	150	U	119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 1959			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	034SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2229			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	15.2		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	35.4		3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	14.2		8.1	10.0
Nickel	26.8		4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	82.9		43.8	50.0
Sodium	32100		193	250
Magnesium	1110		197	250
Potassium	1110		202	250
Calcium	5200		196	250
Iron	424		119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2029			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	035SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2233			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	135		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	9.8		3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	22.1		8.1	10.0
Nickel	6.6		4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	356		43.8	50.0
Sodium	115000		193	250
Magnesium	4990		197	250
Potassium	5990		202	250
Calcium	32900		196	250
Iron	1830		119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2030			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	036SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2237			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	42.0		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	41.3		8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.4	J	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	1300		43.8	50.0
Sodium	38500		193	250
Magnesium	2770		197	250
Potassium	2910		202	250
Calcium	15100		196	250
Iron	1040		119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2032			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	037SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2240			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	3.7		1.8	2.5
Barium	80.3		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	8.7	J	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.1	J	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	139		43.8	50.0
Sodium	51000		193	250
Magnesium	2290		197	250
Potassium	2700		202	250
Calcium	13900		196	250
Iron	267		119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2034			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	038SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2244			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	76.9		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	3.0		2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	10.0	U	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	50.0	U	43.8	50.0
Sodium	31000		193	250
Magnesium	3990		197	250
Potassium	3790		202	250
Calcium	22000		196	250
Iron	150	U	119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2040			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149327	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	029SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/01/2013 0458			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	51.1		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	10.0	U	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	50.0	U	43.8	50.0
Sodium	39600		193	250
Magnesium	3650		197	250
Potassium	1820		202	250
Calcium	15100		196	250
Iron	124	J	119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2042			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149327	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	030SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/01/2013 0502			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	65.4		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	6.7		3.9	5.0
Copper	6.4		3.8	5.0
Manganese	54.2		8.1	10.0
Nickel	5.9		4.1	5.0
Lead	1.6		1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0		3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	1380		43.8	50.0
Sodium	30600		193	250
Magnesium	2880		197	250
Potassium	2670		202	250
Calcium	16500		196	250
Iron	4890		119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2044			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

Client: New York State D.E.C. Job Number: 460-51333-1

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023
Client Matrix: Water Date Received: 02/26/2013 1545

6020 Metals (ICP/MS)

Analysis Method:	6020	Analysis Batch:	460-149327	Instrument ID:	ICPMS2
Prep Method:	3010A	Prep Batch:	460-148882	Lab File ID:	031SMPL.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	03/01/2013 0505			Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	54.6		3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.7		2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	10.0	U	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	61.1		19.7	20.0
Aluminum	50.0	U	43.8	50.0
Sodium	33400		193	250
Magnesium	4950		197	250
Potassium	1670		202	250
Calcium	22100		196	250
Iron	150	U	119	150
Thallium	1.0	U	0.79	1.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2047			Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

General Chemistry

Client Sample ID: **130041-MW10R-45FT**

Lab Sample ID: 460-51333-1 Date Sampled: 02/25/2013 1342
Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1255						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW8S-50FT**

Lab Sample ID: 460-51333-3 Date Sampled: 02/25/2013 1519

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1256						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-3-45FT**

Lab Sample ID: 460-51333-4 Date Sampled: 02/25/2013 1825

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1257						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-2-45FT**

Lab Sample ID: 460-51333-6 Date Sampled: 02/25/2013 1622

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	47.1	J	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1301						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-4-45FT**

Lab Sample ID: 460-51333-7 Date Sampled: 02/25/2013 1739

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1301						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW9D-80FT**

Lab Sample ID: 460-51333-9 Date Sampled: 02/25/2013 1707

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1258						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW8D-58FT**

Lab Sample ID: 460-51333-10 Date Sampled: 02/25/2013 1602

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1302						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW7S-40FT**

Lab Sample ID: 460-51333-12 Date Sampled: 02/25/2013 1036

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	57.7	J	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1244						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW11R-45FT**

Lab Sample ID: 460-51333-13 Date Sampled: 02/25/2013 1236

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	65.9	J	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1247						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-5-45FT**

Lab Sample ID: 460-51333-15 Date Sampled: 02/25/2013 1410

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1248						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-6-55FT**

Lab Sample ID: 460-51333-16 Date Sampled: 02/25/2013 1505

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1248						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-1-45FT**

Lab Sample ID: 460-51333-18 Date Sampled: 02/25/2013 1235

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1249						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-9S-40FT**

Lab Sample ID: 460-51333-19 Date Sampled: 02/25/2013 1823

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1250						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

General Chemistry

Client Sample ID: **130041-MW-7D-55FT**

Lab Sample ID: 460-51333-21 Date Sampled: 02/25/2013 1023

Client Matrix: Water Date Received: 02/26/2013 1545

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	100	U	ug/L	40.0	100	1.0	9012A
Analysis Batch: 460-148910	Analysis Date: 02/27/2013 1255						
Prep Batch: 460-148894	Prep Date: 02/27/2013 1130						

Client: New York State D.E.C. Job Number: 460-51333-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-51333-1	130041-MW10R-45FT	111	96	99
460-51333-2	130041-TB1-2-25-13	107	96	98
460-51333-3	130041-MW8S-50FT	113	95	96
460-51333-4	130041-MW-3-45FT	111	94	95
460-51333-5	130041-TB2-2-25-13	108	95	97
460-51333-6	130041-MW-2-45FT	111	94	96
460-51333-7	130041-MW-4-45FT	111	95	96
460-51333-8	130041-TB3-2-25-13	112	99	101
460-51333-9	130041-MW9D-80FT	111	95	96
460-51333-10	130041-MW8D-58FT	113	98	101
460-51333-11	130041-TB4-2-25-13	109	95	97
460-51333-12	130041-MW7S-40FT	110	95	95
460-51333-13	130041-MW11R-45FT	116	97	100
460-51333-14	130041-TB5-2-25-13	114	94	95
460-51333-15	130041-MW-5-45FT	115	95	94
460-51333-16	130041-MW-6-55FT	116	95	96
460-51333-17	130041-TB6-2-25-13	113	95	95
460-51333-18	130041-MW-1-45FT	116	94	96
460-51333-19	130041-MW-9S-40FT	115	95	96
460-51333-20	130041-TB7-2-25-13	113	94	94
460-51333-21	130041-MW-7D-55FT	114	93	97
460-51333-22	130041-TB8-2-25-13	115	95	97
MB 460-149880/22		105	94	97
MB 460-150001/4		110	95	96
MB 460-150061/4		114	95	98
LCS 460-149880/3		98	102	100
LCS 460-150001/3		102	102	98
LCS 460-150061/3		110	107	101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: New York State D.E.C. Job Number: 460-51333-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-51333-7 MS	130041-MW-4-45FT MS	104	102	93
460-51333-9 MS	130041-MW9D-80FT MS	100	100	100
460-51333-7 MSD	130041-MW-4-45FT MSD	107	106	102
460-51333-9 MSD	130041-MW9D-80FT MSD	101	100	98

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: New York State D.E.C. Job Number: 460-51333-1

Surrogate Recovery Report

8270C 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
460-51333-1	130041-MW10R-45FT	39	28	94	82	92	80
460-51333-3	130041-MW8S-50FT	53	40	102	93	102	90
460-51333-4	130041-MW-3-45FT	36	24	85	77	91	77
460-51333-6	130041-MW-2-45FT	43	26	94	84	95	84
460-51333-7	130041-MW-4-45FT	40	26	93	85	97	81
460-51333-9	130041-MW9D-80FT	39	25	87	83	89	81
460-51333-10	130041-MW8D-58FT	47	31	99	90	102	91
460-51333-12	130041-MW7S-40FT	41	28	89	84	94	79
460-51333-13	130041-MW11R-45FT	38	27	89	82	90	87
460-51333-15	130041-MW-5-45FT	28	17	89	85	85	88
460-51333-16	130041-MW-6-55FT	32	18	89	86	89	92
460-51333-18	130041-MW-1-45FT	28	17	86	82	84	89
460-51333-19	130041-MW-9S-40FT	30	17	91	85	86	94
460-51333-21	130041-MW-7D-55FT	32	18	93	88	86	97
MB 460-148840/1-A		56	41	92	87	98	93
MB 460-149066/1-A		34	23	99	96	92	100
LCS 460-148840/2-A		43	29	72	71	81	70
LCS 460-149066/2-A		35	21	96	95	101	91
LCSD 460-149066/3-A		35	20	92	89	89	81
460-51333-9 MS	130041-MW9D-80FT MS	39	26	78	79	83	69
460-51333-9 MSD	130041-MW9D-80FT MSD	38	24	77	77	85	73

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Client: New York State D.E.C. Job Number: 460-51333-1

Surrogate Recovery Report

8081A_Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-51333-1	130041-MW10R-45FT	110	119	101	96
460-51333-3	130041-MW8S-50FT	106	118	102	97
460-51333-4	130041-MW-3-45FT	101	109	108	104
460-51333-6	130041-MW-2-45FT	95	104	95	92
460-51333-7	130041-MW-4-45FT	114	125	123	119
460-51333-9	130041-MW9D-80FT	124	123	108	103
460-51333-10	130041-MW8D-58FT	106	116	103	98
460-51333-12	130041-MW7S-40FT	115	125	103	101
460-51333-13	130041-MW11R-45FT	110	120	90	88
460-51333-15	130041-MW-5-45FT	88	96	95	75
460-51333-16	130041-MW-6-55FT	124	139	119	115
460-51333-18	130041-MW-1-45FT	105	119	99	99
460-51333-19	130041-MW-9S-40FT	118	129	102	99
460-51333-21	130041-MW-7D-55FT	125	120	105	108
MB 460-148935/1-A		109	116	115	107
MB 460-149023/1-A		103	109	114	106
LCS 460-148935/2-A		105	111	110	105
LCS 460-149023/2-A		131	139	132	125
LCSD 460-149023/3-A		132	140	134	126
460-51333-9 MS	130041-MW9D-80FT MS	145	133	115	111
460-51333-9 MSD	130041-MW9D-80FT MSD	133	128	108	105

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	38-150
DCB = DCB Decachlorobiphenyl	14-138

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-149880

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-149880/22	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10331.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 0727	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 0727				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-149880

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-149880/22	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10331.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 0727	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 0727				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 130
Toluene-d8 (Surr)	94	70 - 130
Bromofluorobenzene	97	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-149880

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-149880/3	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10328.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 0553	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 0553				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	23.3	116	46 - 145	
Chloromethane	20.0	22.9	115	58 - 146	
Bromomethane	20.0	21.2	106	55 - 153	
Vinyl chloride	20.0	24.5	123	61 - 144	
Chloroethane	20.0	22.1	111	69 - 145	
Trichlorofluoromethane	20.0	23.2	116	69 - 147	
Freon TF	20.0	22.2	111	47 - 139	
Methylene Chloride	20.0	19.8	99	79 - 119	
Acetone	20.0	20.7	104	45 - 156	
Carbon disulfide	20.0	22.1	111	58 - 139	
Methyl acetate	20.0	19.3	97	50 - 151	
1,1-Dichloroethene	20.0	21.3	107	56 - 139	
1,1-Dichloroethane	20.0	20.4	102	78 - 122	
cis-1,2-Dichloroethene	20.0	20.2	101	80 - 120	
trans-1,2-Dichloroethene	20.0	20.9	104	75 - 122	
MTBE	20.0	19.9	99	71 - 115	
Chloroform	20.0	20.3	101	82 - 123	
1,2-Dichloroethane	20.0	19.3	97	74 - 118	
2-Butanone	20.0	19.8	99	65 - 114	
1,1,1-Trichloroethane	20.0	21.2	106	74 - 128	
Cyclohexane	20.0	19.0	95	58 - 133	
Carbon tetrachloride	20.0	21.4	107	73 - 120	
Bromodichloromethane	20.0	19.9	100	79 - 119	
1,2-Dichloropropane	20.0	19.5	97	80 - 120	
cis-1,3-Dichloropropene	20.0	19.9	99	80 - 120	
Trichloroethene	20.0	20.7	103	78 - 119	
Methylcyclohexane	20.0	18.8	94	61 - 129	
Dibromochloromethane	20.0	19.6	98	80 - 120	
1,1,2-Trichloroethane	20.0	20.0	100	79 - 119	
Benzene	20.0	21.0	105	83 - 124	
trans-1,3-Dichloropropene	20.0	19.3	96	78 - 118	
Bromoform	20.0	19.4	97	73 - 123	
Isopropylbenzene	20.0	18.4	92	80 - 125	
4-Methyl-2-pentanone	20.0	19.1	96	53 - 120	
2-Hexanone	20.0	19.2	96	53 - 121	
Tetrachloroethene	20.0	21.5	108	68 - 139	
Toluene	20.0	21.0	105	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.4	97	74 - 126	
Chlorobenzene	20.0	20.5	103	81 - 121	
Ethylbenzene	20.0	17.9	90	79 - 126	
Xylenes, Total	60.0	56.2	94	76 - 121	
Styrene	20.0	18.5	93	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	19.2	96	70 - 116	
1,3-Dichlorobenzene	20.0	20.1	100	81 - 126	
1,4-Dichlorobenzene	20.0	19.8	99	83 - 123	
1,2-Dichlorobenzene	20.0	20.0	100	82 - 122	

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-149880

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-149880/3	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10328.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 0553	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 0553				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	19.9	99	66 - 120	
1,2-Dibromoethane	20.0	19.4	97	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 130
Toluene-d8 (Surr)	102	70 - 130
Bromofluorobenzene	100	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-149880

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-9	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10340.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1100			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1100				
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-9	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10341.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1123			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1123				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	112	109	46 - 145	3	30		
Chloromethane	103	101	58 - 146	2	30		
Bromomethane	132	127	55 - 153	4	30		
Vinyl chloride	116	112	61 - 144	3	30		
Chloroethane	115	115	69 - 145	0	30		
Trichlorofluoromethane	103	102	69 - 147	1	30		
Freon TF	103	103	47 - 139	1	30		
Methylene Chloride	95	94	79 - 119	1	30		
Acetone	84	100	45 - 156	18	30		
Carbon disulfide	101	100	58 - 139	0	30		
Methyl acetate	85	84	50 - 151	1	30		
1,1-Dichloroethene	98	99	56 - 139	1	30		
1,1-Dichloroethane	95	96	78 - 122	1	30		
cis-1,2-Dichloroethene	95	95	80 - 120	0	30		
trans-1,2-Dichloroethene	97	98	75 - 122	1	30		
MTBE	95	95	71 - 115	1	30		
Chloroform	97	97	82 - 123	0	30		
1,2-Dichloroethane	93	92	74 - 118	1	30		
2-Butanone	95	100	65 - 114	5	30		
1,1,1-Trichloroethane	100	103	74 - 128	2	30		
Cyclohexane	92	92	58 - 133	0	30		
Carbon tetrachloride	101	102	73 - 120	1	30		
Bromodichloromethane	96	95	79 - 119	1	30		
1,2-Dichloropropane	94	94	80 - 120	0	30		
cis-1,3-Dichloropropene	89	90	80 - 120	1	30		
Trichloroethene	94	93	78 - 119	1	30		
Methylcyclohexane	91	92	61 - 129	1	30		
Dibromochloromethane	90	91	80 - 120	1	30		
1,1,2-Trichloroethane	98	93	79 - 119	5	30		
Benzene	98	99	83 - 124	1	30		
trans-1,3-Dichloropropene	90	90	78 - 118	0	30		
Bromoform	88	89	73 - 123	1	30		
Isopropylbenzene	88	88	80 - 125	0	30		

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-149880

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-9	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10340.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1100			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1100				
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-9	Analysis Batch:	460-149880	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10341.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1123			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1123				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone	93	94	53 - 120	2	30		
2-Hexanone	93	95	53 - 121	3	30		
Tetrachloroethene	59	67	68 - 139	3	30	*	*
Toluene	96	97	80 - 120	2	30		
1,1,2,2-Tetrachloroethane	93	93	74 - 126	0	30		
Chlorobenzene	93	95	81 - 121	2	30		
Ethylbenzene	83	84	79 - 126	1	30		
Xylenes, Total	87	87	76 - 121	0	30		
Styrene	86	88	69 - 112	2	30		
1,2-Dibromo-3-Chloropropane	90	96	70 - 116	6	30		
1,3-Dichlorobenzene	93	92	81 - 126	1	30		
1,4-Dichlorobenzene	93	94	83 - 123	1	30		
1,2-Dichlorobenzene	98	94	82 - 122	5	30		
1,2,4-Trichlorobenzene	91	92	66 - 120	2	30		
1,2-Dibromoethane	91	93	78 - 118	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	101	70 - 130
Toluene-d8 (Surr)	100	100	70 - 130
Bromofluorobenzene	100	98	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-149880

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-9	Units:	ug/L	MSD Lab Sample ID:	460-51333-9
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/06/2013 1100			Analysis Date:	03/06/2013 1123
Prep Date:	03/06/2013 1100			Prep Date:	03/06/2013 1123
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	1.0	U	20.0	20.0	22.4		21.8	
Chloromethane	1.0	U	20.0	20.0	20.6		20.3	
Bromomethane	1.0	U	20.0	20.0	26.3		25.4	
Vinyl chloride	1.0	U	20.0	20.0	23.3		22.5	
Chloroethane	1.0	U	20.0	20.0	23.0		23.1	
Trichlorofluoromethane	1.0	U	20.0	20.0	20.6		20.4	
Freon TF	1.0	U	20.0	20.0	20.6		20.7	
Methylene Chloride	1.0	U	20.0	20.0	19.1		18.8	
Acetone	5.0	U	20.0	20.0	16.7		20.0	
Carbon disulfide	1.0	U	20.0	20.0	20.1		20.1	
Methyl acetate	2.0	U	20.0	20.0	17.0		16.9	
1,1-Dichloroethene	1.0		20.0	20.0	20.7		20.8	
1,1-Dichloroethane	1.0	U	20.0	20.0	19.0		19.3	
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	19.0		19.0	
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	19.5		19.6	
MTBE	0.25	J	20.0	20.0	19.3		19.2	
Chloroform	0.27	J	20.0	20.0	19.8		19.8	
1,2-Dichloroethane	1.0	U	20.0	20.0	18.7		18.5	
2-Butanone	5.0	U	20.0	20.0	19.1		20.0	
1,1,1-Trichloroethane	0.37	J	20.0	20.0	20.5		20.9	
Cyclohexane	1.0	U	20.0	20.0	18.4		18.5	
Carbon tetrachloride	1.0	U	20.0	20.0	20.2		20.4	
Bromodichloromethane	1.0	U	20.0	20.0	19.2		19.0	
1,2-Dichloropropane	1.0	U	20.0	20.0	18.8		18.8	
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	17.8		18.0	
Trichloroethene	3.5		20.0	20.0	22.2		22.0	
Methylcyclohexane	1.0	U	20.0	20.0	18.2		18.4	
Dibromochloromethane	1.0	U	20.0	20.0	18.0		18.2	
1,1,2-Trichloroethane	1.0	U	20.0	20.0	19.5		18.6	
Benzene	1.0	U	20.0	20.0	19.5		19.7	
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	18.0		18.1	
Bromoform	1.0	U	20.0	20.0	17.7		17.8	
Isopropylbenzene	1.0	U	20.0	20.0	17.5		17.6	
4-Methyl-2-pentanone	5.0	U	20.0	20.0	18.5		18.8	
2-Hexanone	5.0	U	20.0	20.0	18.5		19.0	
Tetrachloroethene	46		20.0	20.0	58.1	*	59.6	*
Toluene	1.0	U	20.0	20.0	19.2		19.5	
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	18.7		18.6	
Chlorobenzene	1.0	U	20.0	20.0	18.6		19.0	
Ethylbenzene	1.0	U	20.0	20.0	16.6		16.7	
Xylenes, Total	3.0	U	60.0	60.0	52.2		52.2	
Styrene	1.0	U	20.0	20.0	17.3		17.6	
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	18.1		19.2	

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-149880

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-9	Units:	ug/L	MSD Lab Sample ID:	460-51333-9
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/06/2013 1100			Analysis Date:	03/06/2013 1123
Prep Date:	03/06/2013 1100			Prep Date:	03/06/2013 1123
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,3-Dichlorobenzene	1.0	U	20.0	20.0	18.6	18.4
1,4-Dichlorobenzene	1.0	U	20.0	20.0	18.6	18.7
1,2-Dichlorobenzene	1.0	U	20.0	20.0	19.7	18.8
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	18.1	18.5
1,2-Dibromoethane	1.0	U	20.0	20.0	18.1	18.6

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-150001

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-150001/4	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10359.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1950	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1950				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	14.3		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-150001

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-150001/4	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10359.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1950	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1950				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 130
Toluene-d8 (Surr)	95	70 - 130
Bromofluorobenzene	96	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-150001

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-150001/3	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10356.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1803	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1803				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	20.9	104	46 - 145	
Chloromethane	20.0	21.8	109	58 - 146	
Bromomethane	20.0	21.5	108	55 - 153	
Vinyl chloride	20.0	22.6	113	61 - 144	
Chloroethane	20.0	22.1	110	69 - 145	
Trichlorofluoromethane	20.0	21.1	106	69 - 147	
Freon TF	20.0	22.0	110	47 - 139	
Methylene Chloride	20.0	20.6	103	79 - 119	
Acetone	20.0	31.0	155	45 - 156	
Carbon disulfide	20.0	21.4	107	58 - 139	
Methyl acetate	20.0	20.0	100	50 - 151	
1,1-Dichloroethene	20.0	21.1	105	56 - 139	
1,1-Dichloroethane	20.0	21.1	105	78 - 122	
cis-1,2-Dichloroethene	20.0	20.3	102	80 - 120	
trans-1,2-Dichloroethene	20.0	21.2	106	75 - 122	
MTBE	20.0	19.5	98	71 - 115	
Chloroform	20.0	21.4	107	82 - 123	
1,2-Dichloroethane	20.0	20.6	103	74 - 118	
2-Butanone	20.0	21.1	106	65 - 114	
1,1,1-Trichloroethane	20.0	21.6	108	74 - 128	
Cyclohexane	20.0	18.6	93	58 - 133	
Carbon tetrachloride	20.0	21.9	110	73 - 120	
Bromodichloromethane	20.0	20.7	103	79 - 119	
1,2-Dichloropropane	20.0	20.6	103	80 - 120	
cis-1,3-Dichloropropene	20.0	20.2	101	80 - 120	
Trichloroethene	20.0	20.9	104	78 - 119	
Methylcyclohexane	20.0	18.9	94	61 - 129	
Dibromochloromethane	20.0	19.4	97	80 - 120	
1,1,2-Trichloroethane	20.0	21.1	105	79 - 119	
Benzene	20.0	21.5	107	83 - 124	
trans-1,3-Dichloropropene	20.0	19.5	97	78 - 118	
Bromoform	20.0	19.2	96	73 - 123	
Isopropylbenzene	20.0	18.4	92	80 - 125	
4-Methyl-2-pentanone	20.0	19.3	96	53 - 120	
2-Hexanone	20.0	18.7	94	53 - 121	
Tetrachloroethene	20.0	20.8	104	68 - 139	
Toluene	20.0	20.8	104	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.5	97	74 - 126	
Chlorobenzene	20.0	20.3	102	81 - 121	
Ethylbenzene	20.0	17.9	89	79 - 126	
Xylenes, Total	60.0	56.0	93	76 - 121	
Styrene	20.0	18.8	94	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	19.7	98	70 - 116	
1,3-Dichlorobenzene	20.0	19.9	100	81 - 126	
1,4-Dichlorobenzene	20.0	19.7	99	83 - 123	
1,2-Dichlorobenzene	20.0	20.1	100	82 - 122	

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-150001

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-150001/3	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10356.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 1803	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 1803				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	19.7	98	66 - 120	
1,2-Dibromoethane	20.0	19.5	97	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 130
Toluene-d8 (Surr)	102	70 - 130
Bromofluorobenzene	98	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-150001

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-7	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10364.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2255			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2255				
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-7	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10365.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2319			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2319				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	108	123	46 - 145	13	30		
Chloromethane	103	118	58 - 146	14	30		
Bromomethane	113	95	55 - 153	18	30		
Vinyl chloride	110	130	61 - 144	17	30		
Chloroethane	119	106	69 - 145	11	30		
Trichlorofluoromethane	106	121	69 - 147	13	30		
Freon TF	105	121	47 - 139	14	30		
Methylene Chloride	98	111	79 - 119	13	30		
Acetone	137	155	45 - 156	12	30		
Carbon disulfide	102	117	58 - 139	14	30		
Methyl acetate	90	105	50 - 151	14	30		
1,1-Dichloroethene	105	119	56 - 139	13	30		
1,1-Dichloroethane	97	111	78 - 122	14	30		
cis-1,2-Dichloroethene	95	108	80 - 120	13	30		
trans-1,2-Dichloroethene	95	111	75 - 122	15	30		
MTBE	90	107	71 - 115	17	30		
Chloroform	99	114	82 - 123	14	30		
1,2-Dichloroethane	95	110	74 - 118	15	30		
2-Butanone	94	113	65 - 114	18	30		
1,1,1-Trichloroethane	101	119	74 - 128	16	30		
Cyclohexane	89	105	58 - 133	17	30		
Carbon tetrachloride	101	118	73 - 120	16	30		
Bromodichloromethane	97	113	79 - 119	15	30		
1,2-Dichloropropane	95	110	80 - 120	15	30		
cis-1,3-Dichloropropene	89	106	80 - 120	17	30		
Trichloroethene	96	112	78 - 119	15	30		
Methylcyclohexane	89	105	61 - 129	17	30		
Dibromochloromethane	92	106	80 - 120	15	30		
1,1,2-Trichloroethane	95	110	79 - 119	14	30		
Benzene	100	116	83 - 124	15	30		
trans-1,3-Dichloropropene	89	104	78 - 118	15	30		
Bromoform	91	102	73 - 123	11	30		
Isopropylbenzene	85	100	80 - 125	17	30		

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-150001

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-7	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10364.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2255			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2255				
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-7	Analysis Batch:	460-150001	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10365.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/06/2013 2319			Final Weight/Volume:	5 mL
Prep Date:	03/06/2013 2319				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone	87	104	53 - 120	18	30		
2-Hexanone	84	107	53 - 121	24	30		
Tetrachloroethene	97	113	68 - 139	15	30		
Toluene	96	112	80 - 120	15	30		
1,1,2,2-Tetrachloroethane	89	109	74 - 126	20	30		
Chlorobenzene	95	109	81 - 121	14	30		
Ethylbenzene	80	97	79 - 126	19	30		
Xylenes, Total	86	100	76 - 121	16	30		
Styrene	86	101	69 - 112	16	30		
1,2-Dibromo-3-Chloropropane	89	108	70 - 116	19	30		
1,3-Dichlorobenzene	89	107	81 - 126	18	30		
1,4-Dichlorobenzene	89	107	83 - 123	18	30		
1,2-Dichlorobenzene	89	108	82 - 122	19	30		
1,2,4-Trichlorobenzene	85	109	66 - 120	25	30		
1,2-Dibromoethane	92	108	78 - 118	16	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	107	70 - 130
Toluene-d8 (Surr)	102	106	70 - 130
Bromofluorobenzene	93	102	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-150001

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-7	Units:	ug/L	MSD Lab Sample ID:	460-51333-7
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	03/06/2013 2255			Analysis Date:	03/06/2013 2319
Prep Date:	03/06/2013 2255			Prep Date:	03/06/2013 2319
Leach Date:	N/A			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	216	245
Chloromethane	1.0	U	200	200	206	237
Bromomethane	1.0	U	200	200	226	189
Vinyl chloride	1.0	U	200	200	220	260
Chloroethane	1.0	U	200	200	237	213
Trichlorofluoromethane	1.0	U	200	200	212	241
Freon TF	1.0	U	200	200	210	242
Methylene Chloride	1.0	U	200	200	195	222
Acetone	5.0	U	200	200	274	310
Carbon disulfide	1.0	U	200	200	203	233
Methyl acetate	2.0	U	200	200	181	209
1,1-Dichloroethene	1.0	U	200	200	209	238
1,1-Dichloroethane	1.0	U	200	200	194	223
cis-1,2-Dichloroethene	1.0	U	200	200	189	216
trans-1,2-Dichloroethene	1.0	U	200	200	190	222
MTBE	1.0	U	200	200	180	213
Chloroform	1.0	U	200	200	198	229
1,2-Dichloroethane	1.0	U	200	200	189	219
2-Butanone	5.0	U	200	200	189	226
1,1,1-Trichloroethane	1.0	U	200	200	202	238
Cyclohexane	1.0	U	200	200	177	210
Carbon tetrachloride	1.0	U	200	200	202	236
Bromodichloromethane	1.0	U	200	200	194	225
1,2-Dichloropropane	1.0	U	200	200	190	220
cis-1,3-Dichloropropene	1.0	U	200	200	178	212
Trichloroethene	1.0	U	200	200	193	225
Methylcyclohexane	1.0	U	200	200	178	210
Dibromochloromethane	1.0	U	200	200	183	213
1,1,2-Trichloroethane	1.0	U	200	200	190	219
Benzene	1.0	U	200	200	199	232
trans-1,3-Dichloropropene	1.0	U	200	200	178	207
Bromoform	1.0	U	200	200	181	203
Isopropylbenzene	1.0	U	200	200	170	201
4-Methyl-2-pentanone	5.0	U	200	200	173	208
2-Hexanone	5.0	U	200	200	168	215
Tetrachloroethene	1.0	U	200	200	193	225
Toluene	1.0	U	200	200	192	224
1,1,2,2-Tetrachloroethane	1.0	U	200	200	179	218
Chlorobenzene	1.0	U	200	200	189	218
Ethylbenzene	1.0	U	200	200	159	193
Xylenes, Total	3.0	U	600	600	515	603
Styrene	1.0	U	200	200	172	202
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	178	216

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-150001

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-51333-7	Units:	ug/L	MSD Lab Sample ID:	460-51333-7
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	03/06/2013 2255			Analysis Date:	03/06/2013 2319
Prep Date:	03/06/2013 2255			Prep Date:	03/06/2013 2319
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,3-Dichlorobenzene	1.0	U	200	200	178	214
1,4-Dichlorobenzene	1.0	U	200	200	179	215
1,2-Dichlorobenzene	1.0	U	200	200	179	216
1,2,4-Trichlorobenzene	1.0	U	200	200	170	219
1,2-Dibromoethane	1.0	U	200	200	183	216

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-150061

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-150061/4	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10381.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0552	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0552				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-150061

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-150061/4	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10381.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0552	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0552				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 130
Toluene-d8 (Surr)	95	70 - 130
Bromofluorobenzene	98	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-150061

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-150061/3	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10378.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0428	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0428				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	22.5	112	46 - 145	
Chloromethane	20.0	23.4	117	58 - 146	
Bromomethane	20.0	24.9	124	55 - 153	
Vinyl chloride	20.0	24.1	121	61 - 144	
Chloroethane	20.0	26.0	130	69 - 145	
Trichlorofluoromethane	20.0	22.6	113	69 - 147	
Freon TF	20.0	23.0	115	47 - 139	
Methylene Chloride	20.0	21.5	108	79 - 119	
Acetone	20.0	22.4	112	45 - 156	
Carbon disulfide	20.0	22.7	113	58 - 139	
Methyl acetate	20.0	21.1	105	50 - 151	
1,1-Dichloroethene	20.0	22.6	113	56 - 139	
1,1-Dichloroethane	20.0	22.1	110	78 - 122	
cis-1,2-Dichloroethene	20.0	20.9	105	80 - 120	
trans-1,2-Dichloroethene	20.0	22.0	110	75 - 122	
MTBE	20.0	20.6	103	71 - 115	
Chloroform	20.0	22.0	110	82 - 123	
1,2-Dichloroethane	20.0	21.7	109	74 - 118	
2-Butanone	20.0	21.2	106	65 - 114	
1,1,1-Trichloroethane	20.0	23.3	117	74 - 128	
Cyclohexane	20.0	19.3	96	58 - 133	
Carbon tetrachloride	20.0	22.9	115	73 - 120	
Bromodichloromethane	20.0	21.9	110	79 - 119	
1,2-Dichloropropane	20.0	21.3	107	80 - 120	
cis-1,3-Dichloropropene	20.0	21.1	105	80 - 120	
Trichloroethene	20.0	22.0	110	78 - 119	
Methylcyclohexane	20.0	19.3	96	61 - 129	
Dibromochloromethane	20.0	20.8	104	80 - 120	
1,1,2-Trichloroethane	20.0	21.8	109	79 - 119	
Benzene	20.0	22.6	113	83 - 124	
trans-1,3-Dichloropropene	20.0	20.4	102	78 - 118	
Bromoform	20.0	20.3	101	73 - 123	
Isopropylbenzene	20.0	19.5	97	80 - 125	
4-Methyl-2-pentanone	20.0	19.8	99	53 - 120	
2-Hexanone	20.0	19.7	99	53 - 121	
Tetrachloroethene	20.0	21.5	108	68 - 139	
Toluene	20.0	22.0	110	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	74 - 126	
Chlorobenzene	20.0	21.4	107	81 - 121	
Ethylbenzene	20.0	18.6	93	79 - 126	
Xylenes, Total	60.0	58.7	98	76 - 121	
Styrene	20.0	19.8	99	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	20.5	102	70 - 116	
1,3-Dichlorobenzene	20.0	20.7	104	81 - 126	
1,4-Dichlorobenzene	20.0	20.3	102	83 - 123	
1,2-Dichlorobenzene	20.0	21.0	105	82 - 122	

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-150061

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-150061/3	Analysis Batch:	460-150061	Instrument ID:	VOAMS9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	k10378.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/07/2013 0428	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/07/2013 0428				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	20.3	102	66 - 120	
1,2-Dibromoethane	20.0	20.4	102	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 130
Toluene-d8 (Surr)	107	70 - 130
Bromofluorobenzene	101	70 - 130

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-148840 **Method: 8270C**
Preparation: 3510C

Lab Sample ID:	MB 460-148840/1-A	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34677.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	02/28/2013 0201	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzaldehyde	10	U	2.0	10
Phenol	10	U	0.81	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
Acetophenone	10	U	2.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
2,4-Dichlorophenol	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
4-Nitrophenol	30	U	6.7	30
Dibenzofuran	10	U	2.8	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
Diethyl phthalate	10	U	2.9	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
Fluorene	10	U	2.8	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Atrazine	10	U	3.0	10
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-148840

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-148840/1-A	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34677.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	02/28/2013 0201	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Anthracene	10	U	2.8	10
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	3.2	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Diphenyl	10	U	2.8	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	2.0	10

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	56	10 - 65
2-Fluorobiphenyl	87	53 - 108
Phenol-d5	41	10 - 48
Nitrobenzene-d5	92	56 - 112
2,4,6-Tribromophenol	98	46 - 122
Terphenyl-d14	93	50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-148840

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-148840/2-A	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34676.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	02/28/2013 0137	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	100	148	148	52 - 150	
Phenol	100	33.3	33	12 - 44	
Bis(2-chloroethyl)ether	100	80.7	81	62 - 108	
2-Chlorophenol	100	73.5	74	53 - 101	
2-Methylphenol	100	64.4	64	40 - 90	
Acetophenone	100	77.3	77	68 - 109	
N-Nitrosodi-n-propylamine	100	73.5	73	70 - 109	
Hexachloroethane	100	72.1	72	50 - 99	
Nitrobenzene	100	72.0	72	66 - 106	
Isophorone	100	71.9	72	68 - 108	
2-Nitrophenol	100	77.9	78	65 - 107	
2,4-Dimethylphenol	100	73.2	73	55 - 100	
Bis(2-chloroethoxy)methane	100	75.9	76	69 - 108	
2,4-Dichlorophenol	100	78.8	79	64 - 107	
Naphthalene	100	73.1	73	63 - 101	
4-Chloroaniline	100	76.3	76	58 - 105	
Hexachlorobutadiene	100	70.2	70	52 - 99	
Caprolactam	100	23.2	23	10 - 30	
4-Chloro-3-methylphenol	100	77.3	77	57 - 106	
2-Methylnaphthalene	100	74.7	75	66 - 102	
Hexachlorocyclopentadiene	100	61.2	61	40 - 105	
2,4,6-Trichlorophenol	100	78.4	78	67 - 111	
2,4,5-Trichlorophenol	100	81.1	81	67 - 114	
2-Chloronaphthalene	100	75.1	75	65 - 107	
2-Nitroaniline	100	72.4	72	73 - 116	*
Dimethyl phthalate	100	80.6	81	69 - 111	
Acenaphthylene	100	76.2	76	67 - 107	
2,6-Dinitrotoluene	100	82.4	82	68 - 114	
3-Nitroaniline	100	84.3	84	59 - 108	
Acenaphthene	100	78.2	78	66 - 108	
2,4-Dinitrophenol	100	96.9	97	19 - 113	
4-Nitrophenol	100	31.2	31	10 - 44	
Dibenzofuran	100	75.8	76	68 - 105	
2,4-Dinitrotoluene	100	82.4	82	65 - 113	
Diethyl phthalate	100	80.2	80	66 - 109	
4-Chlorophenyl phenyl ether	100	79.3	79	68 - 105	
Fluorene	100	78.4	78	68 - 105	
4-Nitroaniline	100	84.0	84	49 - 119	
4,6-Dinitro-2-methylphenol	100	95.4	95	58 - 115	
N-Nitrosodiphenylamine	100	82.5	83	71 - 121	
4-Bromophenyl phenyl ether	100	77.8	78	66 - 110	
Hexachlorobenzene	100	76.2	76	65 - 107	
Atrazine	100	69.9	70	56 - 116	
Pentachlorophenol	100	79.5	80	55 - 116	
Phenanthrene	100	77.4	77	68 - 110	
Anthracene	100	77.3	77	68 - 108	

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-148840

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-148840/2-A	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34676.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	02/28/2013 0137	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Carbazole	100	80.9	81	67 - 110	
Di-n-butyl phthalate	100	79.9	80	68 - 111	
Fluoranthene	100	80.4	80	68 - 108	
Pyrene	100	75.2	75	61 - 110	
Butyl benzyl phthalate	100	79.6	80	66 - 115	
3,3'-Dichlorobenzidine	100	91.3	91	69 - 129	
Benzo[a]anthracene	100	74.0	74	65 - 106	
Chrysene	100	78.1	78	68 - 112	
Bis(2-ethylhexyl) phthalate	100	78.5	78	66 - 114	
Di-n-octyl phthalate	100	76.8	77	51 - 115	
Benzo[b]fluoranthene	100	73.5	73	65 - 111	
Benzo[k]fluoranthene	100	74.8	75	66 - 114	
Benzo[a]pyrene	100	78.4	78	58 - 101	
Indeno[1,2,3-cd]pyrene	100	75.4	75	68 - 121	
Dibenz(a,h)anthracene	100	72.4	72	67 - 124	
Benzo[g,h,i]perylene	100	79.1	79	65 - 134	
Diphenyl	100	77.7	78	66 - 112	
4-Methylphenol	100	60.1	60	30 - 75	
bis (2-chloroisopropyl) ether	100	67.8	68	68 - 107	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	43	10 - 65
2-Fluorobiphenyl	71	53 - 108
Phenol-d5	29	10 - 48
Nitrobenzene-d5	72	56 - 112
2,4,6-Tribromophenol	81	46 - 122
Terphenyl-d14	70	50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148840

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34684.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 0447			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-9	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34685.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 0511			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	164	164	52 - 150	0	30	*	*
Phenol	30	29	12 - 44	4	30		
Bis(2-chloroethyl)ether	86	86	62 - 108	1	30		
2-Chlorophenol	76	75	53 - 101	1	30		
2-Methylphenol	64	64	40 - 90	0	30		
Acetophenone	83	85	68 - 109	3	30		
N-Nitrosodi-n-propylamine	77	80	70 - 109	3	30		
Hexachloroethane	78	78	50 - 99	0	30		
Nitrobenzene	78	77	66 - 106	1	30		
Isophorone	77	79	68 - 108	3	30		
2-Nitrophenol	81	84	65 - 107	4	30		
2,4-Dimethylphenol	77	77	55 - 100	0	30		
Bis(2-chloroethoxy)methane	82	82	69 - 108	1	30		
2,4-Dichlorophenol	83	84	64 - 107	1	30		
Naphthalene	80	79	63 - 101	1	30		
4-Chloroaniline	80	80	58 - 105	0	30		
Hexachlorobutadiene	79	78	52 - 99	2	30		
Caprolactam	13	17	10 - 30	26	30		
4-Chloro-3-methylphenol	80	82	57 - 106	3	30		
2-Methylnaphthalene	81	82	66 - 102	1	30		
Hexachlorocyclopentadiene	67	66	40 - 105	2	30		
2,4,6-Trichlorophenol	86	84	67 - 111	3	30		
2,4,5-Trichlorophenol	89	87	67 - 114	2	30		
2-Chloronaphthalene	84	82	65 - 107	2	30		
2-Nitroaniline	79	82	73 - 116	3	30		
Dimethyl phthalate	88	89	69 - 111	1	30		
Acenaphthylene	85	85	67 - 107	1	30		
2,6-Dinitrotoluene	88	89	68 - 114	1	30		
3-Nitroaniline	94	93	59 - 108	1	30		
Acenaphthene	86	85	66 - 108	2	30		
2,4-Dinitrophenol	81	100	19 - 113	21	30		
4-Nitrophenol	25	26	10 - 44	6	30	J	J
Dibenzofuran	83	83	68 - 105	0	30		

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148840

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34684.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 0447			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-9	Analysis Batch:	460-149088	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-148840	Lab File ID:	x34685.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	02/28/2013 0511			Final Weight/Volume:	2 mL
Prep Date:	02/27/2013 0802			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4-Dinitrotoluene	87	90	65 - 113	3	30		
Diethyl phthalate	87	89	66 - 109	2	30		
4-Chlorophenyl phenyl ether	86	87	68 - 105	1	30		
Fluorene	85	85	68 - 105	1	30		
4-Nitroaniline	98	93	49 - 119	5	30		
4,6-Dinitro-2-methylphenol	100	105	58 - 115	5	30		
N-Nitrosodiphenylamine	90	89	71 - 121	1	30		
4-Bromophenyl phenyl ether	86	84	66 - 110	3	30		
Hexachlorobenzene	84	84	65 - 107	0	30		
Atrazine	75	76	56 - 116	2	30		
Pentachlorophenol	85	86	55 - 116	1	30		
Phenanthrene	86	84	68 - 110	2	30		
Anthracene	84	84	68 - 108	1	30		
Carbazole	89	89	67 - 110	0	30		
Di-n-butyl phthalate	88	90	68 - 111	2	30		
Fluoranthene	90	88	68 - 108	2	30		
Pyrene	75	79	61 - 110	6	30		
Butyl benzyl phthalate	85	88	66 - 115	4	30		
3,3'-Dichlorobenzidine	108	103	69 - 129	5	30		
Benzo[a]anthracene	81	81	65 - 106	0	30		
Chrysene	86	86	68 - 112	0	30		
Bis(2-ethylhexyl) phthalate	86	91	66 - 114	6	30		
Di-n-octyl phthalate	80	87	51 - 115	8	30		
Benzo[b]fluoranthene	80	81	65 - 111	1	30		
Benzo[k]fluoranthene	83	83	66 - 114	1	30		
Benzo[a]pyrene	86	85	58 - 101	1	30		
Indeno[1,2,3-cd]pyrene	83	81	68 - 121	2	30		
Dibenz(a,h)anthracene	80	77	67 - 124	4	30		
Benzo[g,h,i]perylene	88	85	65 - 134	4	30		
Diphenyl	88	86	66 - 112	2	30		
4-Methylphenol	58	59	30 - 75	2	30		
bis (2-chloroisopropyl) ether	73	74	68 - 107	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: New York State D.E.C. Job Number: 460-51333-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	39	38	10 - 65
2-Fluorobiphenyl	79	77	53 - 108
Phenol-d5	26	24	10 - 48
Nitrobenzene-d5	78	77	56 - 112
2,4,6-Tribromophenol	83	85	46 - 122
Terphenyl-d14	69	73	50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148840

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Units:	ug/L	MSD Lab Sample ID:	460-51333-9
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	02/28/2013 0447			Analysis Date:	02/28/2013 0511
Prep Date:	02/27/2013 0802			Prep Date:	02/27/2013 0802
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzaldehyde	9.5	U	95.2	95.2	156	*	156	*
Phenol	9.5	U	95.2	95.2	29.0		27.7	
Bis(2-chloroethyl)ether	0.95	U	95.2	95.2	81.4		82.1	
2-Chlorophenol	9.5	U	95.2	95.2	72.5		71.4	
2-Methylphenol	9.5	U	95.2	95.2	60.7		60.7	
Acetophenone	9.5	U	95.2	95.2	78.6		81.3	
N-Nitrosodi-n-propylamine	0.95	U	95.2	95.2	73.5		76.1	
Hexachloroethane	0.95	U	95.2	95.2	74.2		74.5	
Nitrobenzene	0.95	U	95.2	95.2	74.7		73.7	
Isophorone	9.5	U	95.2	95.2	73.2		75.0	
2-Nitrophenol	9.5	U	95.2	95.2	76.8		79.7	
2,4-Dimethylphenol	9.5	U	95.2	95.2	73.2		73.5	
Bis(2-chloroethoxy)methane	9.5	U	95.2	95.2	78.1		78.5	
2,4-Dichlorophenol	9.5	U	95.2	95.2	78.8		79.8	
Naphthalene	9.5	U	95.2	95.2	76.1		75.6	
4-Chloroaniline	9.5	U	95.2	95.2	75.9		76.1	
Hexachlorobutadiene	1.9	U	95.2	95.2	75.0		73.8	
Caprolactam	9.5	U	95.2	95.2	12.2		15.8	
4-Chloro-3-methylphenol	9.5	U	95.2	95.2	76.4		78.4	
2-Methylnaphthalene	9.5	U	95.2	95.2	77.3		78.3	
Hexachlorocyclopentadiene	9.5	U	95.2	95.2	64.1		62.6	
2,4,6-Trichlorophenol	9.5	U	95.2	95.2	82.2		80.1	
2,4,5-Trichlorophenol	9.5	U	95.2	95.2	84.6		83.0	
2-Chloronaphthalene	9.5	U	95.2	95.2	79.8		77.9	
2-Nitroaniline	19	U	95.2	95.2	75.3		77.8	
Dimethyl phthalate	9.5	U	95.2	95.2	83.3		84.5	
Acenaphthylene	9.5	U	95.2	95.2	81.1		80.6	
2,6-Dinitrotoluene	1.9	U	95.2	95.2	83.8		84.7	
3-Nitroaniline	19	U	95.2	95.2	89.4		88.4	
Acenaphthene	9.5	U	95.2	95.2	82.2		80.9	
2,4-Dinitrophenol	29	U	95.2	95.2	77.1		94.9	
4-Nitrophenol	29	U	95.2	95.2	23.7	J	25.2	J
Dibenzofuran	9.5	U	95.2	95.2	79.3		79.1	
2,4-Dinitrotoluene	1.9	U	95.2	95.2	83.1		85.5	
Diethyl phthalate	9.5	U	95.2	95.2	82.9		84.5	
4-Chlorophenyl phenyl ether	9.5	U	95.2	95.2	81.8		82.7	
Fluorene	9.5	U	95.2	95.2	81.2		80.7	
4-Nitroaniline	19	U	95.2	95.2	93.4		88.5	
4,6-Dinitro-2-methylphenol	29	U	95.2	95.2	95.1		100	
N-Nitrosodiphenylamine	9.5	U	95.2	95.2	85.4		84.7	
4-Bromophenyl phenyl ether	9.5	U	95.2	95.2	82.3		79.9	
Hexachlorobenzene	0.95	U	95.2	95.2	80.2		80.5	
Atrazine	9.5	U	95.2	95.2	71.1		72.4	

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148840

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Units:	ug/L	MSD Lab Sample ID:	460-51333-9
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	02/28/2013 0447			Analysis Date:	02/28/2013 0511
Prep Date:	02/27/2013 0802			Prep Date:	02/27/2013 0802
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Pentachlorophenol	29	U	95.2	95.2	81.0	82.0
Phenanthrene	9.5	U	95.2	95.2	81.6	80.3
Anthracene	9.5	U	95.2	95.2	80.3	79.8
Carbazole	9.5	U	95.2	95.2	84.6	84.6
Di-n-butyl phthalate	9.5	U	95.2	95.2	84.2	86.1
Fluoranthene	9.5	U	95.2	95.2	85.3	84.0
Pyrene	9.5	U	95.2	95.2	71.2	75.4
Butyl benzyl phthalate	9.5	U	95.2	95.2	81.0	84.1
3,3'-Dichlorobenzidine	19	U	95.2	95.2	103	98.3
Benzo[a]anthracene	0.95	U	95.2	95.2	77.0	77.0
Chrysene	9.5	U	95.2	95.2	82.1	81.8
Bis(2-ethylhexyl) phthalate	9.5	U	95.2	95.2	81.8	86.5
Di-n-octyl phthalate	9.5	U	95.2	95.2	76.5	82.8
Benzo[b]fluoranthene	0.95	U	95.2	95.2	75.8	76.9
Benzo[k]fluoranthene	0.95	U	95.2	95.2	79.3	78.7
Benzo[a]pyrene	0.95	U	95.2	95.2	82.0	81.3
Indeno[1,2,3-cd]pyrene	0.95	U	95.2	95.2	79.0	77.4
Dibenz(a,h)anthracene	0.95	U	95.2	95.2	76.5	73.3
Benzo[g,h,i]perylene	9.5	U	95.2	95.2	84.0	80.5
Diphenyl	9.5	U	95.2	95.2	83.6	81.9
4-Methylphenol	9.5	U	95.2	95.2	55.1	56.1
bis (2-chloroisopropyl) ether	9.5	U	95.2	95.2	69.2	70.7

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-149066

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-149066/1-A	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-149066	Lab File ID:	z19197.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0808	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzaldehyde	10	U	2.0	10
Phenol	10	U	0.81	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2-Chlorophenol	10	U	2.2	10
2-Methylphenol	10	U	1.8	10
Acetophenone	10	U	2.7	10
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
2,4-Dimethylphenol	10	U	3.4	10
Bis(2-chloroethoxy)methane	10	U	2.6	10
2,4-Dichlorophenol	10	U	2.6	10
Naphthalene	10	U	2.7	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.57	2.0
Caprolactam	10	U	2.5	10
4-Chloro-3-methylphenol	10	U	2.5	10
2-Methylnaphthalene	10	U	3.0	10
Hexachlorocyclopentadiene	10	U	1.7	10
2,4,6-Trichlorophenol	10	U	2.4	10
2,4,5-Trichlorophenol	10	U	2.6	10
2-Chloronaphthalene	10	U	2.7	10
2-Nitroaniline	20	U	4.9	20
Dimethyl phthalate	10	U	2.8	10
Acenaphthylene	10	U	2.7	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
3-Nitroaniline	20	U	5.0	20
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30
4-Nitrophenol	30	U	6.7	30
Dibenzofuran	10	U	2.8	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
Diethyl phthalate	10	U	2.9	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
Fluorene	10	U	2.8	10
4-Nitroaniline	20	U	5.8	20
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Atrazine	10	U	3.0	10
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-149066

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-149066/1-A	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-149066	Lab File ID:	z19197.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0808	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Anthracene	10	U	2.8	10
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	3.2	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
Benzo[g,h,i]perylene	10	U	2.0	10
Diphenyl	10	U	2.8	10
4-Methylphenol	10	U	1.6	10
bis (2-chloroisopropyl) ether	10	U	2.0	10

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	34	10 - 65
2-Fluorobiphenyl	96	53 - 108
Phenol-d5	23	10 - 48
Nitrobenzene-d5	99	56 - 112
2,4,6-Tribromophenol	92	46 - 122
Terphenyl-d14	100	50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-149066

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149066/2-A	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-149066	Lab File ID:	z19208.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1237	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-149066/3-A	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-149066	Lab File ID:	z19196.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0743	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzaldehyde	203	209	52 - 150	3	30	*	*
Phenol	26	27	12 - 44	5	30		
Bis(2-chloroethyl)ether	87	89	62 - 108	3	30		
2-Chlorophenol	81	84	53 - 101	4	30		
2-Methylphenol	65	66	40 - 90	1	30		
Acetophenone	100	100	68 - 109	0	30		
N-Nitrosodi-n-propylamine	100	99	70 - 109	1	30		
Hexachloroethane	94	94	50 - 99	0	30		
Nitrobenzene	99	100	66 - 106	1	30		
Isophorone	89	88	68 - 108	1	30		
2-Nitrophenol	92	93	65 - 107	2	30		
2,4-Dimethylphenol	86	88	55 - 100	3	30		
Bis(2-chloroethoxy)methane	92	93	69 - 108	2	30		
2,4-Dichlorophenol	94	96	64 - 107	2	30		
Naphthalene	96	95	63 - 101	0	30		
4-Chloroaniline	89	90	58 - 105	1	30		
Hexachlorobutadiene	95	96	52 - 99	1	30		
Caprolactam	13	12	10 - 30	9	30		
4-Chloro-3-methylphenol	91	88	57 - 106	2	30		
2-Methylnaphthalene	96	94	66 - 102	2	30		
Hexachlorocyclopentadiene	84	89	40 - 105	5	30		
2,4,6-Trichlorophenol	94	98	67 - 111	3	30		
2,4,5-Trichlorophenol	95	97	67 - 114	2	30		
2-Chloronaphthalene	94	98	65 - 107	5	30		
2-Nitroaniline	87	87	73 - 116	1	30		
Dimethyl phthalate	95	93	69 - 111	2	30		
Acenaphthylene	94	95	67 - 107	2	30		
2,6-Dinitrotoluene	93	91	68 - 114	2	30		
3-Nitroaniline	90	89	59 - 108	1	30		
Acenaphthene	92	93	66 - 108	1	30		
2,4-Dinitrophenol	80	65	19 - 113	20	30		
4-Nitrophenol	20	20	10 - 44	4	30	J	J
Dibenzofuran	94	94	68 - 105	0	30		
2,4-Dinitrotoluene	94	89	65 - 113	5	30		
Diethyl phthalate	98	93	66 - 109	5	30		
4-Chlorophenyl phenyl ether	97	96	68 - 105	1	30		

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-149066

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149066/2-A	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-149066	Lab File ID:	z19208.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 1237	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-149066/3-A	Analysis Batch:	460-149265	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-149066	Lab File ID:	z19196.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/01/2013 0743	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/28/2013 1122			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Fluorene	98	96	68 - 105	1	30		
4-Nitroaniline	82	76	49 - 119	8	30		
4,6-Dinitro-2-methylphenol	95	91	58 - 115	5	30		
N-Nitrosodiphenylamine	101	102	71 - 121	1	30		
4-Bromophenyl phenyl ether	101	103	66 - 110	2	30		
Hexachlorobenzene	99	99	65 - 107	1	30		
Atrazine	84	80	56 - 116	5	30		
Pentachlorophenol	98	92	55 - 116	7	30		
Phenanthrene	98	97	68 - 110	1	30		
Anthracene	97	96	68 - 108	1	30		
Carbazole	97	93	67 - 110	4	30		
Di-n-butyl phthalate	103	97	68 - 111	6	30		
Fluoranthene	99	93	68 - 108	6	30		
Pyrene	80	88	61 - 110	9	30		
Butyl benzyl phthalate	94	97	66 - 115	4	30		
3,3'-Dichlorobenzidine	123	124	69 - 129	1	30		
Benzo[a]anthracene	91	93	65 - 106	3	30		
Chrysene	91	93	68 - 112	2	30		
Bis(2-ethylhexyl) phthalate	99	100	66 - 114	1	30		
Di-n-octyl phthalate	87	83	51 - 115	5	30		
Benzo[b]fluoranthene	94	95	65 - 111	0	30		
Benzo[k]fluoranthene	97	92	66 - 114	6	30		
Benzo[a]pyrene	100	100	58 - 101	0	30		
Indeno[1,2,3-cd]pyrene	82	94	68 - 121	14	30		
Dibenz(a,h)anthracene	91	102	67 - 124	11	30		
Benzo[g,h,i]perylene	99	111	65 - 134	11	30		
Diphenyl	98	101	66 - 112	2	30		
4-Methylphenol	53	53	30 - 75	1	30		
bis (2-chloroisopropyl) ether	83	86	68 - 107	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorophenol	35	35	10 - 65
2-Fluorobiphenyl	95	89	53 - 108
Phenol-d5	21	20	10 - 48
Nitrobenzene-d5	96	92	56 - 112
2,4,6-Tribromophenol	101	89	46 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Terphenyl-d14	91	81	50 - 122

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-149066

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149066/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-149066/3-A	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/01/2013 1237		Analysis Date:	03/01/2013 0743	
Prep Date:	02/28/2013 1122		Prep Date:	02/28/2013 1122	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Benzaldehyde	100	100	203	*	209	*
Phenol	100	100	25.9		27.2	
Bis(2-chloroethyl)ether	100	100	86.8		89.4	
2-Chlorophenol	100	100	81.0		84.1	
2-Methylphenol	100	100	65.4		66.0	
Acetophenone	100	100	100		99.9	
N-Nitrosodi-n-propylamine	100	100	99.9		99.2	
Hexachloroethane	100	100	94.2		94.1	
Nitrobenzene	100	100	99.3		100	
Isophorone	100	100	88.8		87.8	
2-Nitrophenol	100	100	91.7		93.4	
2,4-Dimethylphenol	100	100	85.8		88.1	
Bis(2-chloroethoxy)methane	100	100	92.0		93.4	
2,4-Dichlorophenol	100	100	94.1		95.7	
Naphthalene	100	100	95.5		95.4	
4-Chloroaniline	100	100	89.4		90.0	
Hexachlorobutadiene	100	100	94.8		96.2	
Caprolactam	100	100	12.8		11.8	
4-Chloro-3-methylphenol	100	100	90.7		88.4	
2-Methylnaphthalene	100	100	95.5		94.0	
Hexachlorocyclopentadiene	100	100	84.5		88.6	
2,4,6-Trichlorophenol	100	100	94.4		97.6	
2,4,5-Trichlorophenol	100	100	95.1		97.1	
2-Chloronaphthalene	100	100	93.6		98.2	
2-Nitroaniline	100	100	86.6		87.1	
Dimethyl phthalate	100	100	95.0		93.1	
Acenaphthylene	100	100	93.8		95.3	
2,6-Dinitrotoluene	100	100	92.8		91.1	
3-Nitroaniline	100	100	89.5		88.8	
Acenaphthene	100	100	91.7		92.7	
2,4-Dinitrophenol	100	100	79.6		64.9	
4-Nitrophenol	100	100	20.4	J	19.6	J
Dibenzofuran	100	100	93.7		93.6	
2,4-Dinitrotoluene	100	100	93.6		88.7	
Diethyl phthalate	100	100	97.9		92.8	
4-Chlorophenyl phenyl ether	100	100	96.6		96.1	
Fluorene	100	100	97.6		96.4	
4-Nitroaniline	100	100	82.3		76.2	
4,6-Dinitro-2-methylphenol	100	100	95.5		90.7	

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-149066

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149066/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-149066/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/01/2013 1237			Analysis Date:	03/01/2013 0743
Prep Date:	02/28/2013 1122			Prep Date:	02/28/2013 1122
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
N-Nitrosodiphenylamine	100	100	101	102
4-Bromophenyl phenyl ether	100	100	101	103
Hexachlorobenzene	100	100	98.8	99.3
Atrazine	100	100	84.0	79.8
Pentachlorophenol	100	100	98.4	91.8
Phenanthrene	100	100	97.9	96.9
Anthracene	100	100	96.9	95.7
Carbazole	100	100	97.4	93.5
Di-n-butyl phthalate	100	100	103	97.5
Fluoranthene	100	100	98.9	93.3
Pyrene	100	100	80.2	87.7
Butyl benzyl phthalate	100	100	93.7	97.2
3,3'-Dichlorobenzidine	100	100	123	124
Benzo[a]anthracene	100	100	90.7	93.3
Chrysene	100	100	91.4	93.2
Bis(2-ethylhexyl) phthalate	100	100	98.7	99.8
Di-n-octyl phthalate	100	100	86.7	82.6
Benzo[b]fluoranthene	100	100	94.5	94.8
Benzo[k]fluoranthene	100	100	97.2	91.6
Benzo[a]pyrene	100	100	100	100
Indeno[1,2,3-cd]pyrene	100	100	82.0	94.0
Dibenz(a,h)anthracene	100	100	90.9	102
Benzo[g,h,i]perylene	100	100	98.9	111
Diphenyl	100	100	98.4	101
4-Methylphenol	100	100	53.3	52.9
bis (2-chloroisopropyl) ether	100	100	83.3	85.9

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-148935

Method: 8081A
Preparation: 3510C

Lab Sample ID:	MB 460-148935/1-A	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WR710117.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/06/2013 1934	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	0.50	U	0.33	0.50
4,4'-DDD	0.050	U	0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.050	U	0.0050	0.050
Endosulfan I	0.050	U	0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.050	U	0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.050	U	0.0090	0.050
alpha-Chlordane	0.050	U	0.0080	0.050

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	116	38 - 150
DCB Decachlorobiphenyl	115	14 - 138

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	109	38 - 150
DCB Decachlorobiphenyl	107	14 - 138

Lab Control Sample - Batch: 460-148935

Method: 8081A
Preparation: 3510C

Lab Sample ID:	LCS 460-148935/2-A	Analysis Batch:	460-149753	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WF709968.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/05/2013 0705	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	2.00	1.81	91	70 - 129	
alpha-BHC	2.00	1.87	93	74 - 133	
beta-BHC	2.00	1.85	93	72 - 131	
delta-BHC	2.00	1.84	92	73 - 134	
gamma-BHC (Lindane)	2.00	1.86	93	73 - 131	
4,4'-DDD	2.00	1.85	92	77 - 142	
4,4'-DDE	2.00	1.89	95	75 - 134	
4,4'-DDT	2.00	1.83	91	69 - 138	
Dieldrin	2.00	1.70	85	68 - 123	
Endosulfan I	2.00	1.87	94	74 - 133	
Endosulfan II	2.00	1.83	91	71 - 132	
Endosulfan sulfate	2.00	1.82	91	71 - 134	
Endrin	2.00	1.87	94	68 - 140	
Endrin aldehyde	2.00	1.89	94	69 - 132	
Endrin ketone	2.00	2.00	100	76 - 142	
Heptachlor	2.00	2.00	100	66 - 128	
Heptachlor epoxide	2.00	1.81	91	70 - 129	
Methoxychlor	2.00	1.85	93	63 - 137	
gamma-Chlordane	2.00	1.85	93	63 - 120	
alpha-Chlordane	2.00	1.83	91	62 - 119	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	105	38 - 150
Tetrachloro-m-xylene	111	38 - 150
DCB Decachlorobiphenyl	110	14 - 138
DCB Decachlorobiphenyl	105	14 - 138

Lab Control Sample - Batch: 460-148935

Method: 8081A
Preparation: 3510C

Lab Sample ID:	LCS 460-148935/2-A	Analysis Batch:	460-149753	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WR709968.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/05/2013 0705	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	2.00	1.78	89	70 - 129	
alpha-BHC	2.00	1.77	89	74 - 133	
beta-BHC	2.00	1.85	92	72 - 131	
delta-BHC	2.00	1.81	91	73 - 134	
gamma-BHC (Lindane)	2.00	1.79	89	73 - 131	
4,4'-DDD	2.00	1.84	92	77 - 142	

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-148935

Method: 8081A
Preparation: 3510C

Lab Sample ID:	LCS 460-148935/2-A	Analysis Batch:	460-149753	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WR709968.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/05/2013 0705	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDE	2.00	1.87	94	75 - 134	
4,4'-DDT	2.00	1.80	90	69 - 138	
Dieldrin	2.00	1.70	85	68 - 123	
Endosulfan I	2.00	1.85	93	74 - 133	
Endosulfan II	2.00	1.75	88	71 - 132	
Endosulfan sulfate	2.00	1.73	87	71 - 134	
Endrin	2.00	1.87	94	68 - 140	
Endrin aldehyde	2.00	1.85	93	69 - 132	
Endrin ketone	2.00	1.88	94	76 - 142	
Heptachlor	2.00	1.75	88	66 - 128	
Heptachlor epoxide	2.00	1.80	90	70 - 129	
Methoxychlor	2.00	1.75	88	63 - 137	
gamma-Chlordane	2.00	1.84	92	63 - 120	
alpha-Chlordane	2.00	1.74	87	62 - 119	

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148935

Method: 8081A
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WF710118.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/06/2013 1948			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-51333-9	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WF710119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/06/2013 2002			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	113	109	70 - 129	4	30		
alpha-BHC	112	107	74 - 133	5	30		
beta-BHC	113	107	72 - 131	6	30		
delta-BHC	110	105	73 - 134	5	30		
gamma-BHC (Lindane)	112	107	73 - 131	4	30		
4,4'-DDD	109	105	77 - 142	4	30		
4,4'-DDE	115	113	75 - 134	2	30		
4,4'-DDT	107	105	69 - 138	2	30		
Dieldrin	105	101	68 - 123	4	30		
Endosulfan I	112	108	74 - 133	4	30		
Endosulfan II	109	105	71 - 132	4	30		
Endosulfan sulfate	104	101	71 - 134	3	30		
Endrin	112	108	68 - 140	4	30		
Endrin aldehyde	107	103	69 - 132	4	30		
Endrin ketone	107	108	76 - 142	1	30		
Heptachlor	122	117	66 - 128	4	30		
Heptachlor epoxide	109	105	70 - 129	4	30		
Methoxychlor	106	105	63 - 137	1	30		
gamma-Chlordane	113	107	63 - 120	5	30		
alpha-Chlordane	110	107	62 - 119	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	145	133	38 - 150
DCB Decachlorobiphenyl	115	108	14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148935

Method: 8081A
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WR710118.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/06/2013 1948			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-51333-9	Analysis Batch:	460-150086	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-148935	Lab File ID:	WR710119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/06/2013 2002			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1431			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	112	107	70 - 129	5	30		
alpha-BHC	109	104	74 - 133	5	30		
beta-BHC	109	105	72 - 131	4	30		
delta-BHC	108	104	73 - 134	4	30		
gamma-BHC (Lindane)	109	104	73 - 131	5	30		
4,4'-DDD	109	103	77 - 142	5	30		
4,4'-DDE	113	110	75 - 134	3	30		
4,4'-DDT	105	101	69 - 138	4	30		
Dieldrin	104	99	68 - 123	5	30		
Endosulfan I	112	107	74 - 133	4	30		
Endosulfan II	104	99	71 - 132	5	30		
Endosulfan sulfate	100	95	71 - 134	5	30		
Endrin	112	107	68 - 140	5	30		
Endrin aldehyde	106	98	69 - 132	7	30		
Endrin ketone	102	100	76 - 142	2	30		
Heptachlor	108	102	66 - 128	5	30		
Heptachlor epoxide	108	104	70 - 129	4	30		
Methoxychlor	100	96	63 - 137	5	30		
gamma-Chlordane	111	107	63 - 120	3	30		
alpha-Chlordane	106	96	62 - 119	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	133	128	38 - 150
DCB Decachlorobiphenyl	111	105	14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148935

Method: 8081A
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Units:	ug/L	MSD Lab Sample ID:	460-51333-9
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/06/2013 1948			Analysis Date:	03/06/2013 2002
Prep Date:	02/27/2013 1431			Prep Date:	02/27/2013 1431
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	0.050	U	2.00	2.00	2.25	2.17
alpha-BHC	0.050	U	2.00	2.00	2.24	2.14
beta-BHC	0.050	U	2.00	2.00	2.26	2.13
delta-BHC	0.050	U	2.00	2.00	2.20	2.10
gamma-BHC (Lindane)	0.050	U	2.00	2.00	2.24	2.15
4,4'-DDD	0.061		2.00	2.00	2.24	2.15
4,4'-DDE	0.050	U	2.00	2.00	2.31	2.27
4,4'-DDT	0.050	U	2.00	2.00	2.15	2.11
Dieldrin	0.050	U	2.00	2.00	2.10	2.02
Endosulfan I	0.050	U	2.00	2.00	2.25	2.15
Endosulfan II	0.050	U	2.00	2.00	2.18	2.10
Endosulfan sulfate	0.050	U	2.00	2.00	2.08	2.03
Endrin	0.050	U	2.00	2.00	2.24	2.16
Endrin aldehyde	0.050	U	2.00	2.00	2.14	2.05
Endrin ketone	0.050		2.00	2.00	2.14	2.17
Heptachlor	0.050	U	2.00	2.00	2.43	2.35
Heptachlor epoxide	0.050	U	2.00	2.00	2.18	2.09
Methoxychlor	0.050	U	2.00	2.00	2.12	2.09
gamma-Chlordane	0.050	U	2.00	2.00	2.25	2.15
alpha-Chlordane	0.050	U	2.00	2.00	2.20	2.13

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148935

Method: 8081A
Preparation: 3510C

MS Lab Sample ID:	460-51333-9	Units:	ug/L	MSD Lab Sample ID:	460-51333-9
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/06/2013 1948			Analysis Date:	03/06/2013 2002
Prep Date:	02/27/2013 1431			Prep Date:	02/27/2013 1431
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	0.050	U	2.00	2.00	2.24	2.13
alpha-BHC	0.050	U	2.00	2.00	2.19	2.08
beta-BHC	0.050	U	2.00	2.00	2.19	2.10
delta-BHC	0.050	U	2.00	2.00	2.17	2.09
gamma-BHC (Lindane)	0.050	U	2.00	2.00	2.19	2.07
4,4'-DDD	0.061		2.00	2.00	2.23	2.12
4,4'-DDE	0.050	U	2.00	2.00	2.25	2.19
4,4'-DDT	0.050	U	2.00	2.00	2.09	2.02
Dieldrin	0.050	U	2.00	2.00	2.08	1.99
Endosulfan I	0.050	U	2.00	2.00	2.24	2.14
Endosulfan II	0.050	U	2.00	2.00	2.09	1.98
Endosulfan sulfate	0.050	U	2.00	2.00	1.99	1.89
Endrin	0.050	U	2.00	2.00	2.24	2.13
Endrin aldehyde	0.050	U	2.00	2.00	2.11	1.97
Endrin ketone	0.050	U	2.00	2.00	2.05	2.01
Heptachlor	0.050	U	2.00	2.00	2.15	2.05
Heptachlor epoxide	0.050	U	2.00	2.00	2.16	2.08
Methoxychlor	0.050	U	2.00	2.00	2.01	1.91
gamma-Chlordane	0.050	U	2.00	2.00	2.21	2.14
alpha-Chlordane	0.050	U	2.00	2.00	2.13	1.91

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-149023

Method: 8081A
Preparation: 3510C

Lab Sample ID:	MB 460-149023/1-A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-149023	Lab File ID:	WR710178.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/07/2013 1001	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/28/2013 0813			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	0.050	U	0.010	0.050
alpha-BHC	0.050	U	0.010	0.050
beta-BHC	0.050	U	0.011	0.050
delta-BHC	0.050	U	0.0090	0.050
gamma-BHC (Lindane)	0.050	U	0.012	0.050
Chlordane	0.50	U	0.33	0.50
4,4'-DDD	0.050	U	0.011	0.050
4,4'-DDE	0.050	U	0.0090	0.050
4,4'-DDT	0.050	U	0.010	0.050
Dieldrin	0.050	U	0.0050	0.050
Endosulfan I	0.050	U	0.0090	0.050
Endosulfan II	0.050	U	0.010	0.050
Endosulfan sulfate	0.050	U	0.016	0.050
Endrin	0.050	U	0.010	0.050
Endrin aldehyde	0.050	U	0.0090	0.050
Endrin ketone	0.050	U	0.011	0.050
Heptachlor	0.050	U	0.010	0.050
Heptachlor epoxide	0.050	U	0.010	0.050
Methoxychlor	0.050	U	0.013	0.050
Toxaphene	0.50	U	0.20	0.50
gamma-Chlordane	0.050	U	0.0090	0.050
alpha-Chlordane	0.050	U	0.0080	0.050

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	109	38 - 150
DCB Decachlorobiphenyl	114	14 - 138

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	103	38 - 150
DCB Decachlorobiphenyl	106	14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-149023

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149023/2-A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-149023	Lab File ID:	WF710179.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/07/2013 1015	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/28/2013 0813			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-149023/3-A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-149023	Lab File ID:	WF710180.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/07/2013 1029	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/28/2013 0813			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	114	114	70 - 129	0	30		
alpha-BHC	117	118	74 - 133	0	30		
beta-BHC	116	116	72 - 131	0	30		
delta-BHC	116	117	73 - 134	1	30		
gamma-BHC (Lindane)	117	117	73 - 131	0	30		
4,4'-DDD	117	122	77 - 142	4	30		
4,4'-DDE	121	122	75 - 134	1	30		
4,4'-DDT	116	116	69 - 138	0	30		
Dieldrin	107	108	68 - 123	1	30		
Endosulfan I	116	115	74 - 133	1	30		
Endosulfan II	114	112	71 - 132	2	30		
Endosulfan sulfate	115	116	71 - 134	1	30		
Endrin	114	115	68 - 140	1	30		
Endrin aldehyde	113	115	69 - 132	2	30		
Endrin ketone	132	136	76 - 142	3	30	E	E
Heptachlor	122	123	66 - 128	0	30		
Heptachlor epoxide	111	111	70 - 129	1	30		
Methoxychlor	114	116	63 - 137	1	30		
gamma-Chlordane	116	118	63 - 120	1	30		
alpha-Chlordane	115	117	62 - 119	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	139	140	38 - 150
DCB Decachlorobiphenyl	132	134	14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-149023

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149023/2-A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-149023	Lab File ID:	WR710179.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/07/2013 1015	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/28/2013 0813			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-149023/3-A	Analysis Batch:	460-150217	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-149023	Lab File ID:	WR710180.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	03/07/2013 1029	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/28/2013 0813			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	112	112	70 - 129	0	30		
alpha-BHC	115	115	74 - 133	0	30		
beta-BHC	115	115	72 - 131	0	30		
delta-BHC	116	116	73 - 134	0	30		
gamma-BHC (Lindane)	113	114	73 - 131	0	30		
4,4'-DDD	116	119	77 - 142	2	30		
4,4'-DDE	116	118	75 - 134	1	30		
4,4'-DDT	111	113	69 - 138	2	30		
Dieldrin	105	105	68 - 123	0	30		
Endosulfan I	115	114	74 - 133	0	30		
Endosulfan II	107	108	71 - 132	1	30		
Endosulfan sulfate	107	108	71 - 134	1	30		
Endrin	113	114	68 - 140	1	30		
Endrin aldehyde	112	107	69 - 132	5	30		
Endrin ketone	120	121	76 - 142	1	30		
Heptachlor	107	107	66 - 128	1	30		
Heptachlor epoxide	110	111	70 - 129	0	30		
Methoxychlor	104	105	63 - 137	2	30		
gamma-Chlordane	116	117	63 - 120	1	30		
alpha-Chlordane	100	96	62 - 119	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	131	132	38 - 150
DCB Decachlorobiphenyl	125	126	14 - 138

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-149023

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149023/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-149023/3-A	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/07/2013 1015		Analysis Date:	03/07/2013 1029	
Prep Date:	02/28/2013 0813		Prep Date:	02/28/2013 0813	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Aldrin	2.00	2.00	2.28		2.28	
alpha-BHC	2.00	2.00	2.35		2.36	
beta-BHC	2.00	2.00	2.32		2.32	
delta-BHC	2.00	2.00	2.32		2.33	
gamma-BHC (Lindane)	2.00	2.00	2.33		2.34	
4,4'-DDD	2.00	2.00	2.33		2.44	
4,4'-DDE	2.00	2.00	2.42		2.44	
4,4'-DDT	2.00	2.00	2.31		2.32	
Dieldrin	2.00	2.00	2.13		2.16	
Endosulfan I	2.00	2.00	2.32		2.30	
Endosulfan II	2.00	2.00	2.28		2.24	
Endosulfan sulfate	2.00	2.00	2.29		2.31	
Endrin	2.00	2.00	2.28		2.30	
Endrin aldehyde	2.00	2.00	2.26		2.30	
Endrin ketone	2.00	2.00	2.64	E	2.72	E
Heptachlor	2.00	2.00	2.45		2.46	
Heptachlor epoxide	2.00	2.00	2.21		2.23	
Methoxychlor	2.00	2.00	2.29		2.32	
gamma-Chlordane	2.00	2.00	2.33		2.36	
alpha-Chlordane	2.00	2.00	2.30		2.34	

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-149023

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-149023/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-149023/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/07/2013 1015			Analysis Date:	03/07/2013 1029
Prep Date:	02/28/2013 0813			Prep Date:	02/28/2013 0813
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	2.00	2.00	2.24	2.23
alpha-BHC	2.00	2.00	2.30	2.31
beta-BHC	2.00	2.00	2.30	2.31
delta-BHC	2.00	2.00	2.32	2.32
gamma-BHC (Lindane)	2.00	2.00	2.27	2.28
4,4'-DDD	2.00	2.00	2.32	2.38
4,4'-DDE	2.00	2.00	2.33	2.36
4,4'-DDT	2.00	2.00	2.23	2.27
Dieldrin	2.00	2.00	2.10	2.11
Endosulfan I	2.00	2.00	2.30	2.29
Endosulfan II	2.00	2.00	2.14	2.16
Endosulfan sulfate	2.00	2.00	2.14	2.16
Endrin	2.00	2.00	2.26	2.29
Endrin aldehyde	2.00	2.00	2.25	2.14
Endrin ketone	2.00	2.00	2.41	2.43
Heptachlor	2.00	2.00	2.13	2.15
Heptachlor epoxide	2.00	2.00	2.21	2.21
Methoxychlor	2.00	2.00	2.07	2.11
gamma-Chlordane	2.00	2.00	2.32	2.34
alpha-Chlordane	2.00	2.00	2.01	1.92

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	MB 460-148882/1-A ^5	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	0176CCB.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2128	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Silver	5.0	U	4.1	5.0
Arsenic	2.5	U	1.8	2.5
Barium	5.0	U	3.8	5.0
Beryllium	1.0	U	0.80	1.0
Cadmium	2.5	U	2.0	2.5
Cobalt	5.0	U	3.9	5.0
Chromium	5.0	U	3.9	5.0
Copper	5.0	U	3.8	5.0
Manganese	10.0	U	8.1	10.0
Nickel	5.0	U	4.1	5.0
Lead	1.5	U	1.2	1.5
Antimony	2.5	U	1.9	2.5
Selenium	2.5	U	1.5	2.5
Vanadium	5.0	U	3.8	5.0
Zinc	20.0	U	19.7	20.0
Aluminum	50.0	U	43.8	50.0
Sodium	250	U	193	250
Magnesium	250	U	197	250
Potassium	250	U	202	250
Calcium	250	U	196	250
Iron	150	U	119	150
Thallium	1.0	U	0.79	1.0

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Control Sample - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	LCS 460-148882/2-A ^5	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	018SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2132	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	25.0	25.47	102	75 - 125	
Arsenic	50.0	51.60	103	75 - 125	
Barium	50.0	50.13	100	75 - 125	
Beryllium	25.0	27.84	111	75 - 125	
Cadmium	25.0	24.20	97	75 - 125	
Cobalt	25.0	24.32	97	75 - 125	
Chromium	50.0	50.02	100	75 - 125	
Copper	50.0	49.49	99	75 - 125	
Manganese	250	256.0	102	75 - 125	
Nickel	50.0	47.10	94	75 - 125	
Lead	25.0	25.12	100	75 - 125	
Antimony	25.0	25.30	101	75 - 125	
Selenium	50.0	49.50	99	75 - 125	
Vanadium	50.0	48.46	97	75 - 125	
Zinc	250	239.9	96	75 - 125	
Aluminum	2500	2525	101	75 - 125	
Sodium	2500	2576	103	75 - 125	
Magnesium	2500	2652	106	75 - 125	
Potassium	2500	2561	102	75 - 125	
Calcium	2500	2548	102	75 - 125	
Iron	2500	2630	105	75 - 125	
Thallium	20.0	18.96	95	75 - 125	

Post Digestion Spike - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	019SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2135	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	5.0	U	25.0	25.48	102	75 - 125	
Arsenic	2.5	U	50.0	48.08	96	75 - 125	
Barium	49.9		50.0	98.62	98	75 - 125	
Beryllium	1.0	U	25.0	25.88	104	75 - 125	
Cadmium	2.5	U	25.0	24.20	97	75 - 125	
Cobalt	5.0	U	25.0	24.75	99	75 - 125	
Chromium	5.0	U	50.0	50.83	102	75 - 125	
Copper	5.0	U	50.0	49.78	100	75 - 125	
Manganese	10.0	U	250	255.5	102	75 - 125	
Nickel	5.0	U	50.0	48.82	98	75 - 125	
Lead	1.5	U	25.0	24.99	100	75 - 125	
Antimony	2.5	U	25.0	24.24	97	75 - 125	
Selenium	2.1	J	50.0	46.74	89	75 - 125	
Vanadium	5.0	U	50.0	51.08	102	75 - 125	
Zinc	20.0	U	250	244.7	98	75 - 125	
Aluminum	50.0	U	2500	2494	100	75 - 125	
Sodium	25800		2500	28400	NC	75 - 125	
Magnesium	4180		2500	6859	107	75 - 125	
Potassium	2870		2500	5385	101	75 - 125	
Calcium	22900		2500	25170	92	75 - 125	
Iron	150	U	2500	2650	106	75 - 125	
Thallium	1.0	U	20.0	19.68	98	75 - 125	

Matrix Spike - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	020SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2139	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	5.0	U	25.0	24.86	99	75 - 125	
Arsenic	2.5	U	50.0	45.97	92	75 - 125	
Barium	49.9		50.0	101.2	103	75 - 125	
Beryllium	1.0	U	25.0	26.17	105	75 - 125	
Cadmium	2.5	U	25.0	21.74	87	75 - 125	

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	020SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2139	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cobalt	5.0	U	25.0	23.54	94	75 - 125	
Chromium	5.0	U	50.0	51.01	102	75 - 125	
Copper	5.0	U	50.0	49.32	99	75 - 125	
Manganese	10.0	U	250	253.2	101	75 - 125	
Nickel	5.0	U	50.0	47.40	95	75 - 125	
Lead	1.5	U	25.0	24.88	100	75 - 125	
Antimony	2.5	U	25.0	25.57	102	75 - 125	
Selenium	2.1	J	50.0	46.34	88	75 - 125	
Vanadium	5.0	U	50.0	49.37	99	75 - 125	
Zinc	20.0	U	250	239.9	96	75 - 125	
Aluminum	50.0	U	2500	2492	100	75 - 125	
Sodium	25800		2500	27730	78	75 - 125	4
Magnesium	4180		2500	6671	99	75 - 125	
Potassium	2870		2500	5303	97	75 - 125	
Calcium	22900		2500	25010	86	75 - 125	4
Iron	150	U	2500	2620	105	75 - 125	
Thallium	1.0	U	20.0	19.15	96	75 - 125	

Duplicate - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	021SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2143	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	5.0	U	5.0	NC	20	U
Arsenic	2.5	U	2.5	NC	20	U
Barium	49.9		48.50	3	20	
Beryllium	1.0	U	1.0	NC	20	U
Cadmium	2.5	U	2.5	NC	20	U
Cobalt	5.0	U	5.0	NC	20	U
Chromium	5.0	U	5.0	NC	20	U
Copper	5.0	U	5.0	NC	20	U
Manganese	10.0	U	10.0	NC	20	U
Nickel	5.0	U	5.0	NC	20	U
Lead	1.5	U	1.5	NC	20	U
Antimony	2.5	U	2.5	NC	20	U
Selenium	2.1	J	2.5	NC	20	U
Vanadium	5.0	U	5.0	NC	20	U
Zinc	20.0	U	20.0	NC	20	U
Aluminum	50.0	U	50.0	NC	20	U
Sodium	25800		26330	2	20	
Magnesium	4180		4170	0.3	20	
Potassium	2870		2834	1	20	
Calcium	22900		22330	2	20	
Iron	150	U	150	NC	20	U
Thallium	1.0	U	1.0	NC	20	U

Serial Dilution - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	023SMPL.D
Dilution:	25	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2150	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	5.0	U	25.0	NC	10	U
Arsenic	2.5	U	12.5	NC	10	U
Barium	49.9		49.05	NC	10	
Beryllium	1.0	U	5.0	NC	10	U
Cadmium	2.5	U	12.5	NC	10	U
Cobalt	5.0	U	25.0	NC	10	U
Chromium	5.0	U	25.0	NC	10	U

Client: New York State D.E.C. Job Number: 460-51333-1

Serial Dilution - Batch: 460-148882

Method: 6020
Preparation: 3010A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-149175	Instrument ID:	ICPMS2
Client Matrix:	Water	Prep Batch:	460-148882	Lab File ID:	023SMPL.D
Dilution:	25	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/28/2013 2150	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/27/2013 1102				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Copper	5.0	U	25.0	NC	10	U
Manganese	10.0	U	50.0	NC	10	U
Nickel	5.0	U	25.0	NC	10	U
Lead	1.5	U	7.5	NC	10	U
Antimony	2.5	U	12.5	NC	10	U
Selenium	2.1	J	12.5	NC	10	U
Vanadium	5.0	U	25.0	NC	10	U
Zinc	20.0	U	100	NC	10	U
Aluminum	50.0	U	250	NC	10	U
Sodium	25800		25360	1.6	10	
Magnesium	4180		4123	NC	10	
Potassium	2870		3193	NC	10	
Calcium	22900		22710	0.67	10	
Iron	150	U	750	NC	10	U
Thallium	1.0	U	5.0	NC	10	U

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-148960

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-148960/11-A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 1956	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.16	0.20

Lab Control Sample - Batch: 460-148960

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-148960/12-A	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 1958	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.03	103	80 - 120	

Matrix Spike - Batch: 460-148960

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2003	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20	U	1.00	1.08	108	75 - 125	

Client: New York State D.E.C. Job Number: 460-51333-1

Duplicate - Batch: 460-148960

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2001	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

Serial Dilution - Batch: 460-148960

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-51333-9	Analysis Batch:	460-148987	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-148960	Lab File ID:	148960HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/27/2013 2051	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/27/2013 1716				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.20	U	1.0	NC	10	U

Client: New York State D.E.C. Job Number: 460-51333-1

Method Blank - Batch: 460-148894

Method: 9012A
Preparation: 9012A

Lab Sample ID:	MB 460-148894/1-A	Analysis Batch:	460-148910	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-148894	Lab File ID:	OM_2-27-2013_12-19-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	02/27/2013 1238	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1130				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	100	U	40.0	100

Low Level Control Sample - Batch: 460-148894

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-148894/2-A	Analysis Batch:	460-148910	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-148894	Lab File ID:	OM_2-27-2013_12-19-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	02/27/2013 1242	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1130				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1000	1060	106	90 - 110	

High Level Control Sample - Batch: 460-148894

Method: 9012A
Preparation: 9012A

Lab Sample ID:	HLCS 460-148894/3-A	Analysis Batch:	460-148910	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-148894	Lab File ID:	OM_2-27-2013_12-19-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	02/27/2013 1243	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1130				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	2000	2190	110	90 - 110	

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148894

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-51333-12	Analysis Batch:	460-148910	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-148894	Lab File ID:	OM_2-27-2013_12-19-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	02/27/2013 1245			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1130				
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-12	Analysis Batch:	460-148910	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-148894	Lab File ID:	OM_2-27-2013_12-19-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	02/27/2013 1246			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1130				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	101	100	90 - 110	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148894

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-51333-9	Analysis Batch:	460-148910	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-148894	Lab File ID:	OM_2-27-2013_12-19-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	02/27/2013 1259			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1130				
Leach Date:	N/A				

MSD Lab Sample ID:	460-51333-9	Analysis Batch:	460-148910	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-148894	Lab File ID:	OM_2-27-2013_12-19-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	02/27/2013 1300			Final Weight/Volume:	5 mL
Prep Date:	02/27/2013 1130				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	99	101	90 - 110	3	10		

Client: New York State D.E.C. Job Number: 460-51333-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148894

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-51333-12	Units:	ug/L	MSD Lab Sample ID:	460-51333-12
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	02/27/2013 1245			Analysis Date:	02/27/2013 1246
Prep Date:	02/27/2013 1130			Prep Date:	02/27/2013 1130
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Total	57.7	J	2000	2000	2070	2060

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-148894

Method: 9012A
Preparation: 9012A

MS Lab Sample ID:	460-51333-9	Units:	ug/L	MSD Lab Sample ID:	460-51333-9
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	02/27/2013 1259			Analysis Date:	02/27/2013 1300
Prep Date:	02/27/2013 1130			Prep Date:	02/27/2013 1130
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Total	100	U	2000	2000	1970	2020

Client: New York State D.E.C. Job Number: 460-51333-1

Low Level Control Sample - Batch: 460-149112

Method: 9012A
Preparation: 9012A

Lab Sample ID:	LLCS 460-149112/2-A	Analysis Batch:	460-149131	Instrument ID:	Lachat3
Client Matrix:	Water	Prep Batch:	460-149112	Lab File ID:	OM_2-28-2013_03-25-
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/28/2013 1538	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/28/2013 1345				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	100	104.0	104	90 - 110	

DATA REPORTING QUALIFIERS

Client: New York State D.E.C. Job Number: 460-51333-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	MS or MSD exceeds the control limits
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits
GC Semi VOA		
	U	Analyzed for but not detected.
	E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
	J	Indicates an estimated value.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	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

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-149880					
LCS 460-149880/3	Lab Control Sample	T	Water	8260B	
MB 460-149880/22	Method Blank	T	Water	8260B	
460-51333-1	130041-MW10R-45FT	T	Water	8260B	
460-51333-2TB	130041-TB1-2-25-13	T	Water	8260B	
460-51333-5TB	130041-TB2-2-25-13	T	Water	8260B	
460-51333-8TB	130041-TB3-2-25-13	T	Water	8260B	
460-51333-9MS	Matrix Spike	T	Water	8260B	
460-51333-9MSD	Matrix Spike Duplicate	T	Water	8260B	
460-51333-10	130041-MW8D-58FT	T	Water	8260B	
460-51333-11TB	130041-TB4-2-25-13	T	Water	8260B	
460-51333-12	130041-MW7S-40FT	T	Water	8260B	
460-51333-13	130041-MW11R-45FT	T	Water	8260B	
Analysis Batch:460-150001					
LCS 460-150001/3	Lab Control Sample	T	Water	8260B	
MB 460-150001/4	Method Blank	T	Water	8260B	
460-51333-3	130041-MW8S-50FT	T	Water	8260B	
460-51333-4	130041-MW-3-45FT	T	Water	8260B	
460-51333-6	130041-MW-2-45FT	T	Water	8260B	
460-51333-7	130041-MW-4-45FT	T	Water	8260B	
460-51333-7MS	Matrix Spike	T	Water	8260B	
460-51333-7MSD	Matrix Spike Duplicate	T	Water	8260B	
460-51333-9	130041-MW9D-80FT	T	Water	8260B	
460-51333-14TB	130041-TB5-2-25-13	T	Water	8260B	
460-51333-15	130041-MW-5-45FT	T	Water	8260B	
460-51333-17TB	130041-TB6-2-25-13	T	Water	8260B	
460-51333-20TB	130041-TB7-2-25-13	T	Water	8260B	
460-51333-22TB	130041-TB8-2-25-13	T	Water	8260B	
Analysis Batch:460-150061					
LCS 460-150061/3	Lab Control Sample	T	Water	8260B	
MB 460-150061/4	Method Blank	T	Water	8260B	
460-51333-16	130041-MW-6-55FT	T	Water	8260B	
460-51333-18	130041-MW-1-45FT	T	Water	8260B	
460-51333-19	130041-MW-9S-40FT	T	Water	8260B	
460-51333-21	130041-MW-7D-55FT	T	Water	8260B	

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-148840					
LCS 460-148840/2-A	Lab Control Sample	T	Water	3510C	
MB 460-148840/1-A	Method Blank	T	Water	3510C	
460-51333-1	130041-MW10R-45FT	T	Water	3510C	
460-51333-3	130041-MW8S-50FT	T	Water	3510C	
460-51333-4	130041-MW-3-45FT	T	Water	3510C	
460-51333-6	130041-MW-2-45FT	T	Water	3510C	
460-51333-7	130041-MW-4-45FT	T	Water	3510C	
460-51333-9	130041-MW9D-80FT	T	Water	3510C	
460-51333-9MS	Matrix Spike	T	Water	3510C	
460-51333-9MSD	Matrix Spike Duplicate	T	Water	3510C	
460-51333-10	130041-MW8D-58FT	T	Water	3510C	
460-51333-12	130041-MW7S-40FT	T	Water	3510C	
460-51333-13	130041-MW11R-45FT	T	Water	3510C	
Prep Batch: 460-149066					
LCS 460-149066/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-149066/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-149066/1-A	Method Blank	T	Water	3510C	
460-51333-15	130041-MW-5-45FT	T	Water	3510C	
460-51333-16	130041-MW-6-55FT	T	Water	3510C	
460-51333-18	130041-MW-1-45FT	T	Water	3510C	
460-51333-19	130041-MW-9S-40FT	T	Water	3510C	
460-51333-21	130041-MW-7D-55FT	T	Water	3510C	
Analysis Batch:460-149088					
LCS 460-148840/2-A	Lab Control Sample	T	Water	8270C	460-148840
MB 460-148840/1-A	Method Blank	T	Water	8270C	460-148840
460-51333-9	130041-MW9D-80FT	T	Water	8270C	460-148840
460-51333-9MS	Matrix Spike	T	Water	8270C	460-148840
460-51333-9MSD	Matrix Spike Duplicate	T	Water	8270C	460-148840
Analysis Batch:460-149146					
460-51333-1	130041-MW10R-45FT	T	Water	8270C	460-148840
460-51333-3	130041-MW8S-50FT	T	Water	8270C	460-148840
460-51333-4	130041-MW-3-45FT	T	Water	8270C	460-148840
460-51333-6	130041-MW-2-45FT	T	Water	8270C	460-148840
460-51333-7	130041-MW-4-45FT	T	Water	8270C	460-148840
460-51333-10	130041-MW8D-58FT	T	Water	8270C	460-148840
460-51333-12	130041-MW7S-40FT	T	Water	8270C	460-148840
460-51333-13	130041-MW11R-45FT	T	Water	8270C	460-148840

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-149265					
LCS 460-149066/2-A	Lab Control Sample	T	Water	8270C	460-149066
LCSD 460-149066/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-149066
MB 460-149066/1-A	Method Blank	T	Water	8270C	460-149066
460-51333-15	130041-MW-5-45FT	T	Water	8270C	460-149066
460-51333-16	130041-MW-6-55FT	T	Water	8270C	460-149066
460-51333-18	130041-MW-1-45FT	T	Water	8270C	460-149066
460-51333-19	130041-MW-9S-40FT	T	Water	8270C	460-149066
460-51333-21	130041-MW-7D-55FT	T	Water	8270C	460-149066

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-148935					
LCS 460-148935/2-A	Lab Control Sample	T	Water	3510C	
MB 460-148935/1-A	Method Blank	T	Water	3510C	
460-51333-1	130041-MW10R-45FT	T	Water	3510C	
460-51333-3	130041-MW8S-50FT	T	Water	3510C	
460-51333-4	130041-MW-3-45FT	T	Water	3510C	
460-51333-6	130041-MW-2-45FT	T	Water	3510C	
460-51333-7	130041-MW-4-45FT	T	Water	3510C	
460-51333-9	130041-MW9D-80FT	T	Water	3510C	
460-51333-9MS	Matrix Spike	T	Water	3510C	
460-51333-9MSD	Matrix Spike Duplicate	T	Water	3510C	
Prep Batch: 460-149023					
LCS 460-149023/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-149023/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-149023/1-A	Method Blank	T	Water	3510C	
460-51333-10	130041-MW8D-58FT	T	Water	3510C	
460-51333-12	130041-MW7S-40FT	T	Water	3510C	
460-51333-13	130041-MW11R-45FT	T	Water	3510C	
460-51333-15	130041-MW-5-45FT	T	Water	3510C	
460-51333-16	130041-MW-6-55FT	T	Water	3510C	
460-51333-18	130041-MW-1-45FT	T	Water	3510C	
460-51333-19	130041-MW-9S-40FT	T	Water	3510C	
460-51333-21	130041-MW-7D-55FT	T	Water	3510C	
Analysis Batch:460-149753					
LCS 460-148935/2-A	Lab Control Sample	T	Water	8081A	460-148935
Analysis Batch:460-150086					
MB 460-148935/1-A	Method Blank	T	Water	8081A	460-148935
460-51333-1	130041-MW10R-45FT	T	Water	8081A	460-148935
460-51333-3	130041-MW8S-50FT	T	Water	8081A	460-148935
460-51333-4	130041-MW-3-45FT	T	Water	8081A	460-148935
460-51333-6	130041-MW-2-45FT	T	Water	8081A	460-148935
460-51333-7	130041-MW-4-45FT	T	Water	8081A	460-148935
460-51333-9	130041-MW9D-80FT	T	Water	8081A	460-148935
460-51333-9MS	Matrix Spike	T	Water	8081A	460-148935
460-51333-9MSD	Matrix Spike Duplicate	T	Water	8081A	460-148935

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-150217					
LCS 460-149023/2-A	Lab Control Sample	T	Water	8081A	460-149023
LCSD 460-149023/3-A	Lab Control Sample Duplicate	T	Water	8081A	460-149023
MB 460-149023/1-A	Method Blank	T	Water	8081A	460-149023
460-51333-10	130041-MW8D-58FT	T	Water	8081A	460-149023
460-51333-12	130041-MW7S-40FT	T	Water	8081A	460-149023
460-51333-13	130041-MW11R-45FT	T	Water	8081A	460-149023
460-51333-15	130041-MW-5-45FT	T	Water	8081A	460-149023
460-51333-16	130041-MW-6-55FT	T	Water	8081A	460-149023
460-51333-18	130041-MW-1-45FT	T	Water	8081A	460-149023
460-51333-19	130041-MW-9S-40FT	T	Water	8081A	460-149023
460-51333-21	130041-MW-7D-55FT	T	Water	8081A	460-149023

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-148882					
LCS 460-148882/2-A ^5	Lab Control Sample	T	Water	3010A	
MB 460-148882/1-A ^5	Method Blank	T	Water	3010A	
460-51333-1	130041-MW10R-45FT	T	Water	3010A	
460-51333-3	130041-MW8S-50FT	T	Water	3010A	
460-51333-4	130041-MW-3-45FT	T	Water	3010A	
460-51333-6	130041-MW-2-45FT	T	Water	3010A	
460-51333-7	130041-MW-4-45FT	T	Water	3010A	
460-51333-9	130041-MW9D-80FT	T	Water	3010A	
460-51333-9DU	Duplicate	T	Water	3010A	
460-51333-9MS	Matrix Spike	T	Water	3010A	
460-51333-10	130041-MW8D-58FT	T	Water	3010A	
460-51333-12	130041-MW7S-40FT	T	Water	3010A	
460-51333-13	130041-MW11R-45FT	T	Water	3010A	
460-51333-15	130041-MW-5-45FT	T	Water	3010A	
460-51333-16	130041-MW-6-55FT	T	Water	3010A	
460-51333-18	130041-MW-1-45FT	T	Water	3010A	
460-51333-19	130041-MW-9S-40FT	T	Water	3010A	
460-51333-21	130041-MW-7D-55FT	T	Water	3010A	
Prep Batch: 460-148960					
LCS 460-148960/12-A	Lab Control Sample	T	Water	7470A	
MB 460-148960/11-A	Method Blank	T	Water	7470A	
460-51333-1	130041-MW10R-45FT	T	Water	7470A	
460-51333-3	130041-MW8S-50FT	T	Water	7470A	
460-51333-4	130041-MW-3-45FT	T	Water	7470A	
460-51333-6	130041-MW-2-45FT	T	Water	7470A	
460-51333-7	130041-MW-4-45FT	T	Water	7470A	
460-51333-9	130041-MW9D-80FT	T	Water	7470A	
460-51333-9DU	Duplicate	T	Water	7470A	
460-51333-9MS	Matrix Spike	T	Water	7470A	
460-51333-10	130041-MW8D-58FT	T	Water	7470A	
460-51333-12	130041-MW7S-40FT	T	Water	7470A	
460-51333-13	130041-MW11R-45FT	T	Water	7470A	
460-51333-15	130041-MW-5-45FT	T	Water	7470A	
460-51333-16	130041-MW-6-55FT	T	Water	7470A	
460-51333-18	130041-MW-1-45FT	T	Water	7470A	
460-51333-19	130041-MW-9S-40FT	T	Water	7470A	
460-51333-21	130041-MW-7D-55FT	T	Water	7470A	

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-148987					
LCS 460-148960/12-A	Lab Control Sample	T	Water	7470A	460-148960
MB 460-148960/11-A	Method Blank	T	Water	7470A	460-148960
460-51333-1	130041-MW10R-45FT	T	Water	7470A	460-148960
460-51333-3	130041-MW8S-50FT	T	Water	7470A	460-148960
460-51333-4	130041-MW-3-45FT	T	Water	7470A	460-148960
460-51333-6	130041-MW-2-45FT	T	Water	7470A	460-148960
460-51333-7	130041-MW-4-45FT	T	Water	7470A	460-148960
460-51333-9	130041-MW9D-80FT	T	Water	7470A	460-148960
460-51333-9DU	Duplicate	T	Water	7470A	460-148960
460-51333-9MS	Matrix Spike	T	Water	7470A	460-148960
460-51333-10	130041-MW8D-58FT	T	Water	7470A	460-148960
460-51333-12	130041-MW7S-40FT	T	Water	7470A	460-148960
460-51333-13	130041-MW11R-45FT	T	Water	7470A	460-148960
460-51333-15	130041-MW-5-45FT	T	Water	7470A	460-148960
460-51333-16	130041-MW-6-55FT	T	Water	7470A	460-148960
460-51333-18	130041-MW-1-45FT	T	Water	7470A	460-148960
460-51333-19	130041-MW-9S-40FT	T	Water	7470A	460-148960
460-51333-21	130041-MW-7D-55FT	T	Water	7470A	460-148960
Analysis Batch:460-149175					
LCS 460-148882/2-A ^5	Lab Control Sample	T	Water	6020	460-148882
MB 460-148882/1-A ^5	Method Blank	T	Water	6020	460-148882
460-51333-1	130041-MW10R-45FT	T	Water	6020	460-148882
460-51333-3	130041-MW8S-50FT	T	Water	6020	460-148882
460-51333-4	130041-MW-3-45FT	T	Water	6020	460-148882
460-51333-6	130041-MW-2-45FT	T	Water	6020	460-148882
460-51333-7	130041-MW-4-45FT	T	Water	6020	460-148882
460-51333-9	130041-MW9D-80FT	T	Water	6020	460-148882
460-51333-9DU	Duplicate	T	Water	6020	460-148882
460-51333-9MS	Matrix Spike	T	Water	6020	460-148882
460-51333-10	130041-MW8D-58FT	T	Water	6020	460-148882
460-51333-12	130041-MW7S-40FT	T	Water	6020	460-148882
460-51333-13	130041-MW11R-45FT	T	Water	6020	460-148882
460-51333-15	130041-MW-5-45FT	T	Water	6020	460-148882
460-51333-16	130041-MW-6-55FT	T	Water	6020	460-148882

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-149327					
460-51333-1	130041-MW10R-45FT	T	Water	6020	460-148882
460-51333-3	130041-MW8S-50FT	T	Water	6020	460-148882
460-51333-4	130041-MW-3-45FT	T	Water	6020	460-148882
460-51333-6	130041-MW-2-45FT	T	Water	6020	460-148882
460-51333-7	130041-MW-4-45FT	T	Water	6020	460-148882
460-51333-10	130041-MW8D-58FT	T	Water	6020	460-148882
460-51333-12	130041-MW7S-40FT	T	Water	6020	460-148882
460-51333-13	130041-MW11R-45FT	T	Water	6020	460-148882
460-51333-15	130041-MW-5-45FT	T	Water	6020	460-148882
460-51333-16	130041-MW-6-55FT	T	Water	6020	460-148882
460-51333-18	130041-MW-1-45FT	T	Water	6020	460-148882
460-51333-19	130041-MW-9S-40FT	T	Water	6020	460-148882
460-51333-21	130041-MW-7D-55FT	T	Water	6020	460-148882

Report Basis

T = Total

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-148894					
HLCS 460-148894/3-A	High Level Control Sample	T	Water	9012A	
LLCS 460-148894/2-A	Low Level Control Sample	T	Water	9012A	
MB 460-148894/1-A	Method Blank	T	Water	9012A	
460-51333-1	130041-MW10R-45FT	T	Water	9012A	
460-51333-3	130041-MW8S-50FT	T	Water	9012A	
460-51333-4	130041-MW-3-45FT	T	Water	9012A	
460-51333-6	130041-MW-2-45FT	T	Water	9012A	
460-51333-7	130041-MW-4-45FT	T	Water	9012A	
460-51333-9	130041-MW9D-80FT	T	Water	9012A	
460-51333-9MS	Matrix Spike	T	Water	9012A	
460-51333-9MSD	Matrix Spike Duplicate	T	Water	9012A	
460-51333-10	130041-MW8D-58FT	T	Water	9012A	
460-51333-12	130041-MW7S-40FT	T	Water	9012A	
460-51333-12MS	Matrix Spike	T	Water	9012A	
460-51333-12MSD	Matrix Spike Duplicate	T	Water	9012A	
460-51333-13	130041-MW11R-45FT	T	Water	9012A	
460-51333-15	130041-MW-5-45FT	T	Water	9012A	
460-51333-16	130041-MW-6-55FT	T	Water	9012A	
460-51333-18	130041-MW-1-45FT	T	Water	9012A	
460-51333-19	130041-MW-9S-40FT	T	Water	9012A	
460-51333-21	130041-MW-7D-55FT	T	Water	9012A	
Analysis Batch:460-148910					
HLCS 460-148894/3-A	High Level Control Sample	T	Water	9012A	460-148894
LLCS 460-148894/2-A	Low Level Control Sample	T	Water	9012A	460-148894
MB 460-148894/1-A	Method Blank	T	Water	9012A	460-148894
460-51333-1	130041-MW10R-45FT	T	Water	9012A	460-148894
460-51333-3	130041-MW8S-50FT	T	Water	9012A	460-148894
460-51333-4	130041-MW-3-45FT	T	Water	9012A	460-148894
460-51333-6	130041-MW-2-45FT	T	Water	9012A	460-148894
460-51333-7	130041-MW-4-45FT	T	Water	9012A	460-148894
460-51333-9	130041-MW9D-80FT	T	Water	9012A	460-148894
460-51333-9MS	Matrix Spike	T	Water	9012A	460-148894
460-51333-9MSD	Matrix Spike Duplicate	T	Water	9012A	460-148894
460-51333-10	130041-MW8D-58FT	T	Water	9012A	460-148894
460-51333-12	130041-MW7S-40FT	T	Water	9012A	460-148894
460-51333-12MS	Matrix Spike	T	Water	9012A	460-148894
460-51333-12MSD	Matrix Spike Duplicate	T	Water	9012A	460-148894
460-51333-13	130041-MW11R-45FT	T	Water	9012A	460-148894
460-51333-15	130041-MW-5-45FT	T	Water	9012A	460-148894
460-51333-16	130041-MW-6-55FT	T	Water	9012A	460-148894
460-51333-18	130041-MW-1-45FT	T	Water	9012A	460-148894
460-51333-19	130041-MW-9S-40FT	T	Water	9012A	460-148894
460-51333-21	130041-MW-7D-55FT	T	Water	9012A	460-148894

Client: New York State D.E.C. Job Number: 460-51333-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-149112					
LLCS 460-149112/2-A	Low Level Control Sample	T	Water	9012A	
460-51333-3	130041-MW8S-50FT	T	Water	9012A	
Analysis Batch:460-149131					
LLCS 460-149112/2-A	Low Level Control Sample	T	Water	9012A	460-149112
460-51333-3	130041-MW8S-50FT	T	Water	9012A	460-149112

Report Basis
T = Total

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-1 **Client ID:** 130041-MW10R-45FT

Sample Date/Time: 02/25/2013 13:42 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-1		460-149880		03/06/2013 15:43	1	TAL EDI	AT
A:8260B	460-51333-C-1		460-149880		03/06/2013 15:43	1	TAL EDI	AT
P:3510C	460-51333-G-1-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-G-1-A		460-149146	460-148840	02/28/2013 15:54	1	TAL EDI	MC
P:3510C	460-51333-I-1-A		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-I-1-A		460-150086	460-148935	03/06/2013 21:25	1	TAL EDI	FM
P:3010A	460-51333-E-1-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-1-A ^5		460-149175	460-148882	02/28/2013 22:11	5	TAL EDI	VD
P:7470A	460-51333-E-1-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-1-B		460-148987	460-148960	02/27/2013 20:19	1	TAL EDI	TS
P:9012A	460-51333-D-1-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-1-A		460-148910	460-148894	02/27/2013 12:55	1	TAL EDI	RK

Lab ID: 460-51333-2 **Client ID:** 130041-TB1-2-25-13

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-D-2		460-149880		03/06/2013 12:57	1	TAL EDI	AT
A:8260B	460-51333-D-2		460-149880		03/06/2013 12:57	1	TAL EDI	AT

Lab ID: 460-51333-3 **Client ID:** 130041-MW8S-50FT

Sample Date/Time: 02/25/2013 15:19 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-3		460-150001		03/06/2013 21:25	1	TAL EDI	EM
A:8260B	460-51333-C-3		460-150001		03/06/2013 21:25	1	TAL EDI	EM
P:3510C	460-51333-I-3-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-I-3-A		460-149146	460-148840	02/28/2013 16:18	1	TAL EDI	MC
P:3510C	460-51333-G-3-A		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-G-3-A		460-150086	460-148935	03/06/2013 21:39	1	TAL EDI	FM
P:3010A	460-51333-E-3-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-3-A ^5		460-149175	460-148882	02/28/2013 22:15	5	TAL EDI	VD
P:7470A	460-51333-E-3-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-3-B		460-148987	460-148960	02/27/2013 20:21	1	TAL EDI	TS
P:9012A	460-51333-D-3-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-3-A		460-148910	460-148894	02/27/2013 12:56	1	TAL EDI	RK

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-4 **Client ID: 130041-MW-3-45FT**

Sample Date/Time: 02/25/2013 18:25 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-4		460-150001		03/06/2013 20:14	1	TAL EDI	EM
A:8260B	460-51333-C-4		460-150001		03/06/2013 20:14	1	TAL EDI	EM
P:3510C	460-51333-G-4-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-G-4-A		460-149146	460-148840	02/28/2013 21:52	1	TAL EDI	MC
P:3510C	460-51333-I-4-A		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-I-4-A		460-150086	460-148935	03/06/2013 21:53	1	TAL EDI	FM
P:3010A	460-51333-E-4-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-4-A ^5		460-149175	460-148882	02/28/2013 22:19	5	TAL EDI	VD
P:7470A	460-51333-E-4-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-4-B		460-148987	460-148960	02/27/2013 20:23	1	TAL EDI	TS
P:9012A	460-51333-D-4-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-4-A		460-148910	460-148894	02/27/2013 12:57	1	TAL EDI	RK

Lab ID: 460-51333-5 **Client ID: 130041-TB2-2-25-13**

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-A-5		460-149880		03/06/2013 13:21	1	TAL EDI	AT
A:8260B	460-51333-A-5		460-149880		03/06/2013 13:21	1	TAL EDI	AT

Lab ID: 460-51333-6 **Client ID: 130041-MW-2-45FT**

Sample Date/Time: 02/25/2013 16:22 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-6		460-150001		03/06/2013 21:01	1	TAL EDI	EM
A:8260B	460-51333-C-6		460-150001		03/06/2013 21:01	1	TAL EDI	EM
P:3510C	460-51333-G-6-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-G-6-A		460-149146	460-148840	02/28/2013 16:42	1	TAL EDI	MC
P:3510C	460-51333-I-6-A		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-I-6-A		460-150086	460-148935	03/06/2013 22:07	1	TAL EDI	FM
P:3010A	460-51333-E-6-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-6-A ^5		460-149175	460-148882	02/28/2013 22:22	5	TAL EDI	VD
P:7470A	460-51333-E-6-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-6-B		460-148987	460-148960	02/27/2013 20:25	1	TAL EDI	TS
P:9012A	460-51333-D-6-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-6-A		460-148910	460-148894	02/27/2013 13:01	1	TAL EDI	RK

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-7 **Client ID:** 130041-MW-4-45FT

Sample Date/Time: 02/25/2013 17:39 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-7		460-150001		03/06/2013 20:37	1	TAL EDI	EM
A:8260B	460-51333-C-7		460-150001		03/06/2013 20:37	1	TAL EDI	EM
P:3510C	460-51333-G-7-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-G-7-A		460-149146	460-148840	02/28/2013 17:06	1	TAL EDI	MC
P:3510C	460-51333-H-7-A		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-H-7-A		460-150086	460-148935	03/06/2013 22:21	1	TAL EDI	FM
P:3010A	460-51333-E-7-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-7-A ^5		460-149175	460-148882	02/28/2013 22:26	5	TAL EDI	VD
P:7470A	460-51333-E-7-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-7-B		460-148987	460-148960	02/27/2013 20:27	1	TAL EDI	TS
P:9012A	460-51333-D-7-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-7-A		460-148910	460-148894	02/27/2013 13:01	1	TAL EDI	RK

Lab ID: 460-51333-7 MS **Client ID:** 130041-MW-4-45FT

Sample Date/Time: 02/25/2013 17:39 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-7 MS		460-150001		03/06/2013 22:55	10	TAL EDI	EM
A:8260B	460-51333-C-7 MS		460-150001		03/06/2013 22:55	10	TAL EDI	EM

Lab ID: 460-51333-7 MSD **Client ID:** 130041-MW-4-45FT

Sample Date/Time: 02/25/2013 17:39 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-7 MSD		460-150001		03/06/2013 23:19	10	TAL EDI	EM
A:8260B	460-51333-C-7 MSD		460-150001		03/06/2013 23:19	10	TAL EDI	EM

Lab ID: 460-51333-8 **Client ID:** 130041-TB3-2-25-13

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-A-8		460-149880		03/06/2013 13:45	1	TAL EDI	AT
A:8260B	460-51333-A-8		460-149880		03/06/2013 13:45	1	TAL EDI	AT

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-9 **Client ID:** 130041-MW9D-80FT

Sample Date/Time: 02/25/2013 17:07 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-B-9		460-150001		03/07/2013 00:29	1	TAL EDI	EM
A:8260B	460-51333-B-9		460-150001		03/07/2013 00:29	1	TAL EDI	EM
P:3510C	460-51333-H-9-A		460-149088	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-H-9-A		460-149088	460-148840	02/28/2013 04:24	1	TAL EDI	MC
P:3510C	460-51333-G-9-B		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-G-9-B		460-150086	460-148935	03/06/2013 20:16	1	TAL EDI	FM
P:3010A	460-51333-E-9-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-9-A ^5		460-149175	460-148882	02/28/2013 21:46	5	TAL EDI	VD
P:7470A	460-51333-E-9-D		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-9-D		460-148987	460-148960	02/27/2013 19:59	1	TAL EDI	TS
P:9012A	460-51333-D-9-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-9-A		460-148910	460-148894	02/27/2013 12:58	1	TAL EDI	RK

Lab ID: 460-51333-9 **Client ID:** 130041-MW9D-80FT

Sample Date/Time: 02/25/2013 17:07 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-B-9 MS		460-149880		03/06/2013 11:00	1	TAL EDI	AT
A:8260B	460-51333-B-9 MS		460-149880		03/06/2013 11:00	1	TAL EDI	AT
P:3510C	460-51333-G-9-A MS		460-149088	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-G-9-A MS		460-149088	460-148840	02/28/2013 04:47	1	TAL EDI	MC
P:3510C	460-51333-F-9-B MS		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-F-9-B MS		460-150086	460-148935	03/06/2013 19:48	1	TAL EDI	FM
P:3010A	460-51333-E-9-B MS ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-9-B MS ^5		460-149175	460-148882	02/28/2013 21:39	5	TAL EDI	VD
P:7470A	460-51333-E-9-E MS		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-9-E MS		460-148987	460-148960	02/27/2013 20:03	1	TAL EDI	TS
P:9012A	460-51333-D-9-B MS		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-9-B MS		460-148910	460-148894	02/27/2013 12:59	1	TAL EDI	RK

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-9 **Client ID:** 130041-MW9D-80FT

Sample Date/Time: 02/25/2013 17:07 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-A-9 MSD		460-149880		03/06/2013 11:23	1	TAL EDI	AT
A:8260B	460-51333-A-9 MSD		460-149880		03/06/2013 11:23	1	TAL EDI	AT
P:3510C	460-51333-F-9-A MSD		460-149088	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-F-9-A MSD		460-149088	460-148840	02/28/2013 05:11	1	TAL EDI	MC
P:3510C	460-51333-E-9-C MSD		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	460-51333-E-9-C MSD		460-150086	460-148935	03/06/2013 20:02	1	TAL EDI	FM
P:9012A	460-51333-D-9-C MSD		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-9-C MSD		460-148910	460-148894	02/27/2013 13:00	1	TAL EDI	RK

Lab ID: 460-51333-9 **Client ID:** 130041-MW9D-80FT

Sample Date/Time: 02/25/2013 17:07 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-51333-A-9-A DU ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-A-9-A DU ^5		460-149175	460-148882	02/28/2013 21:43	5	TAL EDI	VD
P:7470A	460-51333-A-9-B DU		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-A-9-B DU		460-148987	460-148960	02/27/2013 20:01	1	TAL EDI	TS

Lab ID: 460-51333-9 PDS **Client ID:** 130041-MW9D-80FT

Sample Date/Time: 02/25/2013 17:07 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-51333-E-9-A PDS ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-9-A PDS ^5		460-149175	460-148882	02/28/2013 21:35	5	TAL EDI	VD
P:3010A	460-51333-E-9-A SD ^25		460-149175	460-148882	02/27/2013 11:02	25	TAL EDI	QY
A:6020	460-51333-E-9-A SD ^25		460-149175	460-148882	02/28/2013 21:50	25	TAL EDI	VD
P:7470A	460-51333-E-9-D SD ^5		460-148987	460-148960	02/27/2013 17:16	5	TAL EDI	TS
A:7470A	460-51333-E-9-D SD ^5		460-148987	460-148960	02/27/2013 20:51	5	TAL EDI	TS

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-10 **Client ID:** 130041-MW8D-58FT

Sample Date/Time: 02/25/2013 16:02 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-10		460-149880		03/06/2013 14:32	1	TAL EDI	AT
A:8260B	460-51333-C-10		460-149880		03/06/2013 14:32	1	TAL EDI	AT
P:3510C	460-51333-I-10-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-I-10-A		460-149146	460-148840	02/28/2013 17:30	1	TAL EDI	MC
P:3510C	460-51333-G-10-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	460-51333-G-10-A		460-150217	460-149023	03/07/2013 12:20	1	TAL EDI	FM
P:3010A	460-51333-E-10-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-10-A ^5		460-149175	460-148882	02/28/2013 22:29	5	TAL EDI	VD
P:7470A	460-51333-E-10-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-10-B		460-148987	460-148960	02/27/2013 20:29	1	TAL EDI	TS
P:9012A	460-51333-D-10-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-10-A		460-148910	460-148894	02/27/2013 13:02	1	TAL EDI	RK

Lab ID: 460-51333-11 **Client ID:** 130041-TB4-2-25-13

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-11		460-149880		03/06/2013 14:08	1	TAL EDI	AT
A:8260B	460-51333-C-11		460-149880		03/06/2013 14:08	1	TAL EDI	AT

Lab ID: 460-51333-12 **Client ID:** 130041-MW7S-40FT

Sample Date/Time: 02/25/2013 10:36 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-12		460-149880		03/06/2013 14:56	1	TAL EDI	AT
A:8260B	460-51333-C-12		460-149880		03/06/2013 14:56	1	TAL EDI	AT
P:3510C	460-51333-F-12-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-F-12-A		460-149146	460-148840	02/28/2013 17:54	1	TAL EDI	MC
P:3510C	460-51333-H-12-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	460-51333-H-12-A		460-150217	460-149023	03/07/2013 12:06	1	TAL EDI	FM
P:3010A	460-51333-E-12-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-12-A ^5		460-149175	460-148882	02/28/2013 22:33	5	TAL EDI	VD
P:7470A	460-51333-E-12-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-12-B		460-148987	460-148960	02/27/2013 20:30	1	TAL EDI	TS
P:9012A	460-51333-D-12-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-12-A		460-148910	460-148894	02/27/2013 12:44	1	TAL EDI	RK

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-12 MS **Client ID:** 130041-MW7S-40FT

Sample Date/Time: 02/25/2013 10:36 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012A	460-51333-D-12-B MS		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-12-B MS		460-148910	460-148894	02/27/2013 12:45	1	TAL EDI	RK

Lab ID: 460-51333-12 MSD **Client ID:** 130041-MW7S-40FT

Sample Date/Time: 02/25/2013 10:36 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:9012A	460-51333-D-12-C MSD		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-12-C MSD		460-148910	460-148894	02/27/2013 12:46	1	TAL EDI	RK

Lab ID: 460-51333-13 **Client ID:** 130041-MW11R-45FT

Sample Date/Time: 02/25/2013 12:36 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-13		460-149880		03/06/2013 15:20	1	TAL EDI	AT
A:8260B	460-51333-C-13		460-149880		03/06/2013 15:20	1	TAL EDI	AT
P:3510C	460-51333-I-13-A		460-149146	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	460-51333-I-13-A		460-149146	460-148840	02/28/2013 18:17	1	TAL EDI	MC
P:3510C	460-51333-F-13-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	460-51333-F-13-A		460-150217	460-149023	03/07/2013 11:52	1	TAL EDI	FM
P:3010A	460-51333-E-13-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-13-A ^5		460-149175	460-148882	02/28/2013 22:37	5	TAL EDI	VD
P:7470A	460-51333-E-13-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-13-B		460-148987	460-148960	02/27/2013 20:32	1	TAL EDI	TS
P:9012A	460-51333-D-13-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-13-A		460-148910	460-148894	02/27/2013 12:47	1	TAL EDI	RK

Lab ID: 460-51333-14 **Client ID:** 130041-TB5-2-25-13

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-14		460-150001		03/07/2013 00:53	1	TAL EDI	EM
A:8260B	460-51333-C-14		460-150001		03/07/2013 00:53	1	TAL EDI	EM

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-15 **Client ID:** 130041-MW-5-45FT

Sample Date/Time: 02/25/2013 14:10 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-15		460-150001		03/07/2013 03:14	1	TAL EDI	EM
A:8260B	460-51333-C-15		460-150001		03/07/2013 03:14	1	TAL EDI	EM
P:3510C	460-51333-I-15-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	460-51333-I-15-A		460-149265	460-149066	03/01/2013 09:21	1	TAL EDI	MC
P:3510C	460-51333-F-15-A		460-150217	460-149023	02/28/2013 08:13	5	TAL EDI	HW
A:8081A	460-51333-F-15-A		460-150217	460-149023	03/07/2013 13:46	5	TAL EDI	FM
P:3010A	460-51333-E-15-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-15-A ^5		460-149175	460-148882	02/28/2013 22:40	5	TAL EDI	VD
P:7470A	460-51333-E-15-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-15-B		460-148987	460-148960	02/27/2013 20:34	1	TAL EDI	TS
P:9012A	460-51333-D-15-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-15-A		460-148910	460-148894	02/27/2013 12:48	1	TAL EDI	RK

Lab ID: 460-51333-16 **Client ID:** 130041-MW-6-55FT

Sample Date/Time: 02/25/2013 15:05 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-16		460-150061		03/07/2013 06:16	1	TAL EDI	AT
A:8260B	460-51333-C-16		460-150061		03/07/2013 06:16	1	TAL EDI	AT
P:3510C	460-51333-G-16-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	460-51333-G-16-A		460-149265	460-149066	03/01/2013 09:46	1	TAL EDI	MC
P:3510C	460-51333-I-16-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	460-51333-I-16-A		460-150217	460-149023	03/07/2013 11:25	1	TAL EDI	FM
P:3010A	460-51333-E-16-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-16-A ^5		460-149175	460-148882	02/28/2013 22:44	5	TAL EDI	VD
P:7470A	460-51333-E-16-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-16-B		460-148987	460-148960	02/27/2013 20:40	1	TAL EDI	TS
P:9012A	460-51333-D-16-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-16-A		460-148910	460-148894	02/27/2013 12:48	1	TAL EDI	RK

Lab ID: 460-51333-17 **Client ID:** 130041-TB6-2-25-13

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-17		460-150001		03/07/2013 01:17	1	TAL EDI	EM
A:8260B	460-51333-C-17		460-150001		03/07/2013 01:17	1	TAL EDI	EM

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-18 **Client ID:** 130041-MW-1-45FT

Sample Date/Time: 02/25/2013 12:35 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-18		460-150061		03/07/2013 06:39	1	TAL EDI	AT
A:8260B	460-51333-C-18		460-150061		03/07/2013 06:39	1	TAL EDI	AT
P:3510C	460-51333-F-18-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	460-51333-F-18-A		460-149265	460-149066	03/01/2013 10:10	1	TAL EDI	MC
P:3510C	460-51333-G-18-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	460-51333-G-18-A		460-150217	460-149023	03/07/2013 11:11	1	TAL EDI	FM
P:3010A	460-51333-E-18-A ^5		460-149327	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-18-A ^5		460-149327	460-148882	03/01/2013 04:58	5	TAL EDI	VD
P:7470A	460-51333-E-18-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-18-B		460-148987	460-148960	02/27/2013 20:42	1	TAL EDI	TS
P:9012A	460-51333-D-18-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-18-A		460-148910	460-148894	02/27/2013 12:49	1	TAL EDI	RK

Lab ID: 460-51333-19 **Client ID:** 130041-MW-9S-40FT

Sample Date/Time: 02/25/2013 18:23 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-19		460-150061		03/07/2013 07:03	1	TAL EDI	AT
A:8260B	460-51333-C-19		460-150061		03/07/2013 07:03	1	TAL EDI	AT
P:3510C	460-51333-G-19-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	460-51333-G-19-A		460-149265	460-149066	03/01/2013 13:01	1	TAL EDI	MC
P:3510C	460-51333-I-19-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	460-51333-I-19-A		460-150217	460-149023	03/07/2013 10:57	1	TAL EDI	FM
P:3010A	460-51333-E-19-A ^5		460-149327	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-19-A ^5		460-149327	460-148882	03/01/2013 05:02	5	TAL EDI	VD
P:7470A	460-51333-E-19-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-19-B		460-148987	460-148960	02/27/2013 20:44	1	TAL EDI	TS
P:9012A	460-51333-D-19-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-19-A		460-148910	460-148894	02/27/2013 12:50	1	TAL EDI	RK

Lab ID: 460-51333-20 **Client ID:** 130041-TB7-2-25-13

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-20		460-150001		03/07/2013 01:40	1	TAL EDI	EM
A:8260B	460-51333-C-20		460-150001		03/07/2013 01:40	1	TAL EDI	EM

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: 460-51333-21 **Client ID:** 130041-MW-7D-55FT

Sample Date/Time: 02/25/2013 10:23 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-C-21		460-150061		03/07/2013 07:27	1	TAL EDI	AT
A:8260B	460-51333-C-21		460-150061		03/07/2013 07:27	1	TAL EDI	AT
P:3510C	460-51333-G-21-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	460-51333-G-21-A		460-149265	460-149066	03/01/2013 13:26	1	TAL EDI	MC
P:3510C	460-51333-H-21-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	460-51333-H-21-A		460-150217	460-149023	03/07/2013 10:43	1	TAL EDI	FM
P:3010A	460-51333-E-21-A ^5		460-149327	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	460-51333-E-21-A ^5		460-149327	460-148882	03/01/2013 05:05	5	TAL EDI	VD
P:7470A	460-51333-E-21-B		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	460-51333-E-21-B		460-148987	460-148960	02/27/2013 20:47	1	TAL EDI	TS
P:9012A	460-51333-D-21-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	460-51333-D-21-A		460-148910	460-148894	02/27/2013 12:55	1	TAL EDI	RK

Lab ID: 460-51333-22 **Client ID:** 130041-TB8-2-25-13

Sample Date/Time: 02/25/2013 00:00 Received Date/Time: 02/26/2013 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-51333-A-22		460-150001		03/07/2013 02:04	1	TAL EDI	EM
A:8260B	460-51333-A-22		460-150001		03/07/2013 02:04	1	TAL EDI	EM

Client: New York State D.E.C. Job Number: 460-51333-1

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:5030B	MB 460-149880/22		460-149880		03/06/2013 07:27	1	TAL EDI	AT
A:8260B	MB 460-149880/22		460-149880		03/06/2013 07:27	1	TAL EDI	AT
P:5030B	MB 460-150001/4		460-150001		03/06/2013 19:50	1	TAL EDI	EM
A:8260B	MB 460-150001/4		460-150001		03/06/2013 19:50	1	TAL EDI	EM
P:5030B	MB 460-150061/4		460-150061		03/07/2013 05:52	1	TAL EDI	AT
A:8260B	MB 460-150061/4		460-150061		03/07/2013 05:52	1	TAL EDI	AT
P:3510C	MB 460-148840/1-A		460-149088	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	MB 460-148840/1-A		460-149088	460-148840	02/28/2013 02:01	1	TAL EDI	MC
P:3510C	MB 460-149066/1-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	MB 460-149066/1-A		460-149265	460-149066	03/01/2013 08:08	1	TAL EDI	MC
P:3510C	MB 460-148935/1-A		460-150086	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	MB 460-148935/1-A		460-150086	460-148935	03/06/2013 19:34	1	TAL EDI	FM
P:3510C	MB 460-149023/1-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	MB 460-149023/1-A		460-150217	460-149023	03/07/2013 10:01	1	TAL EDI	FM
P:3010A	MB 460-148882/1-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	MB 460-148882/1-A ^5		460-149175	460-148882	02/28/2013 21:28	5	TAL EDI	VD
P:7470A	MB 460-148960/11-A		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	MB 460-148960/11-A		460-148987	460-148960	02/27/2013 19:56	1	TAL EDI	TS
P:9012A	MB 460-148894/1-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	MB 460-148894/1-A		460-148910	460-148894	02/27/2013 12:38	1	TAL EDI	RK

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

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:5030B	LCS 460-149880/3		460-149880		03/06/2013 05:53	1	TAL EDI	AT
A:8260B	LCS 460-149880/3		460-149880		03/06/2013 05:53	1	TAL EDI	AT
P:5030B	LCS 460-150001/3		460-150001		03/06/2013 18:03	1	TAL EDI	EM
A:8260B	LCS 460-150001/3		460-150001		03/06/2013 18:03	1	TAL EDI	EM
P:5030B	LCS 460-150061/3		460-150061		03/07/2013 04:28	1	TAL EDI	AT
A:8260B	LCS 460-150061/3		460-150061		03/07/2013 04:28	1	TAL EDI	AT
P:3510C	LCS 460-148840/2-A		460-149088	460-148840	02/27/2013 08:02	1	TAL EDI	HW
A:8270C	LCS 460-148840/2-A		460-149088	460-148840	02/28/2013 01:37	1	TAL EDI	MC
P:3510C	LCS 460-149066/2-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	LCS 460-149066/2-A		460-149265	460-149066	03/01/2013 12:37	1	TAL EDI	MC
P:3510C	LCS 460-148935/2-A		460-149753	460-148935	02/27/2013 14:31	1	TAL EDI	GT
A:8081A	LCS 460-148935/2-A		460-149753	460-148935	03/05/2013 07:05	1	TAL EDI	FM
P:3510C	LCS 460-149023/2-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	LCS 460-149023/2-A		460-150217	460-149023	03/07/2013 10:15	1	TAL EDI	FM
P:3010A	LCS 460-148882/2-A ^5		460-149175	460-148882	02/27/2013 11:02	5	TAL EDI	QY
A:6020	LCS 460-148882/2-A ^5		460-149175	460-148882	02/28/2013 21:32	5	TAL EDI	VD
P:7470A	LCS 460-148960/12-A		460-148987	460-148960	02/27/2013 17:16	1	TAL EDI	TS
A:7470A	LCS 460-148960/12-A		460-148987	460-148960	02/27/2013 19:58	1	TAL EDI	TS

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 460-149066/3-A		460-149265	460-149066	02/28/2013 11:22	1	TAL EDI	ME
A:8270C	LCSD 460-149066/3-A		460-149265	460-149066	03/01/2013 07:43	1	TAL EDI	MC
P:3510C	LCSD 460-149023/3-A		460-150217	460-149023	02/28/2013 08:13	1	TAL EDI	HW
A:8081A	LCSD 460-149023/3-A		460-150217	460-149023	03/07/2013 10:29	1	TAL EDI	FM

Lab ID: LLCS **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:9012A	LLCS 460-148894/2-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	LLCS 460-148894/2-A		460-148910	460-148894	02/27/2013 12:42	1	TAL EDI	RK
P:9012A	LLCS 460-149112/2-A		460-149131	460-149112	02/28/2013 13:45	1	TAL EDI	JAK
A:9012A	LLCS 460-149112/2-A		460-149131	460-149112	02/28/2013 15:38	1	TAL EDI	RK

Client: New York State D.E.C. Job Number: 460-51333-1

Laboratory Chronicle

Lab ID: **HLCS** **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:9012A	HLCS 460-148894/3-A		460-148910	460-148894	02/27/2013 11:30	1	TAL EDI	JAK
A:9012A	HLCS 460-148894/3-A		460-148910	460-148894	02/27/2013 12:43	1	TAL EDI	RK

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
130041-MW10R-45FT	460-51333-1	111	96	99
130041-TB1-2-25-13	460-51333-2	107	96	98
130041-MW8S-50FT	460-51333-3	113	95	96
130041-MW-3-45FT	460-51333-4	111	94	95
130041-TB2-2-25-13	460-51333-5	108	95	97
130041-MW-2-45FT	460-51333-6	111	94	96
130041-MW-4-45FT	460-51333-7	111	95	96
130041-TB3-2-25-13	460-51333-8	112	99	101
130041-MW9D-80FT	460-51333-9	111	95	96
130041-MW8D-58FT	460-51333-10	113	98	101
130041-TB4-2-25-13	460-51333-11	109	95	97
130041-MW7S-40FT	460-51333-12	110	95	95
130041-MW11R-45FT	460-51333-13	116	97	100
130041-TB5-2-25-13	460-51333-14	114	94	95
130041-MW-5-45FT	460-51333-15	115	95	94
130041-MW-6-55FT	460-51333-16	116	95	96
130041-TB6-2-25-13	460-51333-17	113	95	95
130041-MW-1-45FT	460-51333-18	116	94	96
130041-MW-9S-40FT	460-51333-19	115	95	96
130041-TB7-2-25-13	460-51333-20	113	94	94
130041-MW-7D-55FT	460-51333-21	114	93	97
130041-TB8-2-25-13	460-51333-22	115	95	97
	MB 460-149880/22	105	94	97
	MB 460-150001/4	110	95	96
	MB 460-150061/4	114	95	98
	LCS 460-149880/3	98	102	100
	LCS 460-150001/3	102	102	98
	LCS 460-150061/3	110	107	101
130041-MW-4-45FT MS	460-51333-7 MS	104	102	93
130041-MW9D-80FT MS	460-51333-9 MS	100	100	100
130041-MW-4-45FT MSD	460-51333-7 MSD	107	106	102
130041-MW9D-80FT MSD	460-51333-9 MSD	101	100	98

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10328.d

Lab ID: LCS 460-149880/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	23.3	116	46-145	
Chloromethane	20.0	22.9	115	58-146	
Bromomethane	20.0	21.2	106	55-153	
Vinyl chloride	20.0	24.5	123	61-144	
Chloroethane	20.0	22.1	111	69-145	
Trichlorofluoromethane	20.0	23.2	116	69-147	
Freon TF	20.0	22.2	111	47-139	
Methylene Chloride	20.0	19.8	99	79-119	
Acetone	20.0	20.7	104	45-156	
Carbon disulfide	20.0	22.1	111	58-139	
Methyl acetate	20.0	19.3	97	50-151	
1,1-Dichloroethene	20.0	21.3	107	56-139	
1,1-Dichloroethane	20.0	20.4	102	78-122	
cis-1,2-Dichloroethene	20.0	20.2	101	80-120	
trans-1,2-Dichloroethene	20.0	20.9	104	75-122	
MTBE	20.0	19.9	99	71-115	
Chloroform	20.0	20.3	101	82-123	
1,2-Dichloroethane	20.0	19.3	97	74-118	
2-Butanone	20.0	19.8	99	65-114	
1,1,1-Trichloroethane	20.0	21.2	106	74-128	
Cyclohexane	20.0	19.0	95	58-133	
Carbon tetrachloride	20.0	21.4	107	73-120	
Bromodichloromethane	20.0	19.9	100	79-119	
1,2-Dichloropropane	20.0	19.5	97	80-120	
cis-1,3-Dichloropropene	20.0	19.9	99	80-120	
Trichloroethene	20.0	20.7	103	78-119	
Methylcyclohexane	20.0	18.8	94	61-129	
Dibromochloromethane	20.0	19.6	98	80-120	
1,1,2-Trichloroethane	20.0	20.0	100	79-119	
Benzene	20.0	21.0	105	83-124	
trans-1,3-Dichloropropene	20.0	19.3	96	78-118	
Bromoform	20.0	19.4	97	73-123	
Isopropylbenzene	20.0	18.4	92	80-125	
4-Methyl-2-pentanone	20.0	19.1	96	53-120	
2-Hexanone	20.0	19.2	96	53-121	
Tetrachloroethene	20.0	21.5	108	68-139	
Toluene	20.0	21.0	105	80-120	
1,1,2,2-Tetrachloroethane	20.0	19.4	97	74-126	
Chlorobenzene	20.0	20.5	103	81-121	
Ethylbenzene	20.0	17.9	90	79-126	
Xylenes, Total	60.0	56.2	94	76-121	
Styrene	20.0	18.5	93	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10328.d

Lab ID: LCS 460-149880/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	19.2	96	70-116	
1,3-Dichlorobenzene	20.0	20.1	100	81-126	
1,4-Dichlorobenzene	20.0	19.8	99	83-123	
1,2-Dichlorobenzene	20.0	20.0	100	82-122	
1,2,4-Trichlorobenzene	20.0	19.9	99	66-120	
1,2-Dibromoethane	20.0	19.4	97	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10356.d

Lab ID: LCS 460-150001/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	20.9	104	46-145	
Chloromethane	20.0	21.8	109	58-146	
Bromomethane	20.0	21.5	108	55-153	
Vinyl chloride	20.0	22.6	113	61-144	
Chloroethane	20.0	22.1	110	69-145	
Trichlorofluoromethane	20.0	21.1	106	69-147	
Freon TF	20.0	22.0	110	47-139	
Methylene Chloride	20.0	20.6	103	79-119	
Acetone	20.0	31.0	155	45-156	
Carbon disulfide	20.0	21.4	107	58-139	
Methyl acetate	20.0	20.0	100	50-151	
1,1-Dichloroethene	20.0	21.1	105	56-139	
1,1-Dichloroethane	20.0	21.1	105	78-122	
cis-1,2-Dichloroethene	20.0	20.3	102	80-120	
trans-1,2-Dichloroethene	20.0	21.2	106	75-122	
MTBE	20.0	19.5	98	71-115	
Chloroform	20.0	21.4	107	82-123	
1,2-Dichloroethane	20.0	20.6	103	74-118	
2-Butanone	20.0	21.1	106	65-114	
1,1,1-Trichloroethane	20.0	21.6	108	74-128	
Cyclohexane	20.0	18.6	93	58-133	
Carbon tetrachloride	20.0	21.9	110	73-120	
Bromodichloromethane	20.0	20.7	103	79-119	
1,2-Dichloropropane	20.0	20.6	103	80-120	
cis-1,3-Dichloropropene	20.0	20.2	101	80-120	
Trichloroethene	20.0	20.9	104	78-119	
Methylcyclohexane	20.0	18.9	94	61-129	
Dibromochloromethane	20.0	19.4	97	80-120	
1,1,2-Trichloroethane	20.0	21.1	105	79-119	
Benzene	20.0	21.5	107	83-124	
trans-1,3-Dichloropropene	20.0	19.5	97	78-118	
Bromoform	20.0	19.2	96	73-123	
Isopropylbenzene	20.0	18.4	92	80-125	
4-Methyl-2-pentanone	20.0	19.3	96	53-120	
2-Hexanone	20.0	18.7	94	53-121	
Tetrachloroethene	20.0	20.8	104	68-139	
Toluene	20.0	20.8	104	80-120	
1,1,2,2-Tetrachloroethane	20.0	19.5	97	74-126	
Chlorobenzene	20.0	20.3	102	81-121	
Ethylbenzene	20.0	17.9	89	79-126	
Xylenes, Total	60.0	56.0	93	76-121	
Styrene	20.0	18.8	94	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10356.d

Lab ID: LCS 460-150001/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	19.7	98	70-116	
1,3-Dichlorobenzene	20.0	19.9	100	81-126	
1,4-Dichlorobenzene	20.0	19.7	99	83-123	
1,2-Dichlorobenzene	20.0	20.1	100	82-122	
1,2,4-Trichlorobenzene	20.0	19.7	98	66-120	
1,2-Dibromoethane	20.0	19.5	97	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10378.d

Lab ID: LCS 460-150061/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	22.5	112	46-145	
Chloromethane	20.0	23.4	117	58-146	
Bromomethane	20.0	24.9	124	55-153	
Vinyl chloride	20.0	24.1	121	61-144	
Chloroethane	20.0	26.0	130	69-145	
Trichlorofluoromethane	20.0	22.6	113	69-147	
Freon TF	20.0	23.0	115	47-139	
Methylene Chloride	20.0	21.5	108	79-119	
Acetone	20.0	22.4	112	45-156	
Carbon disulfide	20.0	22.7	113	58-139	
Methyl acetate	20.0	21.1	105	50-151	
1,1-Dichloroethene	20.0	22.6	113	56-139	
1,1-Dichloroethane	20.0	22.1	110	78-122	
cis-1,2-Dichloroethene	20.0	20.9	105	80-120	
trans-1,2-Dichloroethene	20.0	22.0	110	75-122	
MTBE	20.0	20.6	103	71-115	
Chloroform	20.0	22.0	110	82-123	
1,2-Dichloroethane	20.0	21.7	109	74-118	
2-Butanone	20.0	21.2	106	65-114	
1,1,1-Trichloroethane	20.0	23.3	117	74-128	
Cyclohexane	20.0	19.3	96	58-133	
Carbon tetrachloride	20.0	22.9	115	73-120	
Bromodichloromethane	20.0	21.9	110	79-119	
1,2-Dichloropropane	20.0	21.3	107	80-120	
cis-1,3-Dichloropropene	20.0	21.1	105	80-120	
Trichloroethene	20.0	22.0	110	78-119	
Methylcyclohexane	20.0	19.3	96	61-129	
Dibromochloromethane	20.0	20.8	104	80-120	
1,1,2-Trichloroethane	20.0	21.8	109	79-119	
Benzene	20.0	22.6	113	83-124	
trans-1,3-Dichloropropene	20.0	20.4	102	78-118	
Bromoform	20.0	20.3	101	73-123	
Isopropylbenzene	20.0	19.5	97	80-125	
4-Methyl-2-pentanone	20.0	19.8	99	53-120	
2-Hexanone	20.0	19.7	99	53-121	
Tetrachloroethene	20.0	21.5	108	68-139	
Toluene	20.0	22.0	110	80-120	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	74-126	
Chlorobenzene	20.0	21.4	107	81-121	
Ethylbenzene	20.0	18.6	93	79-126	
Xylenes, Total	60.0	58.7	98	76-121	
Styrene	20.0	19.8	99	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10378.d

Lab ID: LCS 460-150061/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	20.5	102	70-116	
1,3-Dichlorobenzene	20.0	20.7	104	81-126	
1,4-Dichlorobenzene	20.0	20.3	102	83-123	
1,2-Dichlorobenzene	20.0	21.0	105	82-122	
1,2,4-Trichlorobenzene	20.0	20.3	102	66-120	
1,2-Dibromoethane	20.0	20.4	102	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10364.d

Lab ID: 460-51333-7 MS Client ID: 130041-MW-4-45FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	200	1.0 U	216	108	46-145	
Chloromethane	200	1.0 U	206	103	58-146	
Bromomethane	200	1.0 U	226	113	55-153	
Vinyl chloride	200	1.0 U	220	110	61-144	
Chloroethane	200	1.0 U	237	119	69-145	
Trichlorofluoromethane	200	1.0 U	212	106	69-147	
Freon TF	200	1.0 U	210	105	47-139	
Methylene Chloride	200	1.0 U	195	98	79-119	
Acetone	200	5.0 U	274	137	45-156	
Carbon disulfide	200	1.0 U	203	102	58-139	
Methyl acetate	200	2.0 U	181	90	50-151	
1,1-Dichloroethene	200	1.0 U	209	105	56-139	
1,1-Dichloroethane	200	1.0 U	194	97	78-122	
cis-1,2-Dichloroethene	200	1.0 U	189	95	80-120	
trans-1,2-Dichloroethene	200	1.0 U	190	95	75-122	
MTBE	200	1.0 U	180	90	71-115	
Chloroform	200	1.0 U	198	99	82-123	
1,2-Dichloroethane	200	1.0 U	189	95	74-118	
2-Butanone	200	5.0 U	189	94	65-114	
1,1,1-Trichloroethane	200	1.0 U	202	101	74-128	
Cyclohexane	200	1.0 U	177	89	58-133	
Carbon tetrachloride	200	1.0 U	202	101	73-120	
Bromodichloromethane	200	1.0 U	194	97	79-119	
1,2-Dichloropropane	200	1.0 U	190	95	80-120	
cis-1,3-Dichloropropene	200	1.0 U	178	89	80-120	
Trichloroethene	200	1.0 U	193	96	78-119	
Methylcyclohexane	200	1.0 U	178	89	61-129	
Dibromochloromethane	200	1.0 U	183	92	80-120	
1,1,2-Trichloroethane	200	1.0 U	190	95	79-119	
Benzene	200	1.0 U	199	100	83-124	
trans-1,3-Dichloropropene	200	1.0 U	178	89	78-118	
Bromoform	200	1.0 U	181	91	73-123	
Isopropylbenzene	200	1.0 U	170	85	80-125	
4-Methyl-2-pentanone	200	5.0 U	173	87	53-120	
2-Hexanone	200	5.0 U	168	84	53-121	
Tetrachloroethene	200	1.0 U	193	97	68-139	
Toluene	200	1.0 U	192	96	80-120	
1,1,2,2-Tetrachloroethane	200	1.0 U	179	89	74-126	
Chlorobenzene	200	1.0 U	189	95	81-121	
Ethylbenzene	200	1.0 U	159	80	79-126	
Xylenes, Total	600	3.0 U	515	86	76-121	
Styrene	200	1.0 U	172	86	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10364.d

Lab ID: 460-51333-7 MS Client ID: 130041-MW-4-45FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	200	1.0 U	178	89	70-116	
1,3-Dichlorobenzene	200	1.0 U	178	89	81-126	
1,4-Dichlorobenzene	200	1.0 U	179	89	83-123	
1,2-Dichlorobenzene	200	1.0 U	179	89	82-122	
1,2,4-Trichlorobenzene	200	1.0 U	170	85	66-120	
1,2-Dibromoethane	200	1.0 U	183	92	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10340.d

Lab ID: 460-51333-9 MS Client ID: 130041-MW9D-80FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	1.0 U	22.4	112	46-145	
Chloromethane	20.0	1.0 U	20.6	103	58-146	
Bromomethane	20.0	1.0 U	26.3	132	55-153	
Vinyl chloride	20.0	1.0 U	23.3	116	61-144	
Chloroethane	20.0	1.0 U	23.0	115	69-145	
Trichlorofluoromethane	20.0	1.0 U	20.6	103	69-147	
Freon TF	20.0	1.0 U	20.6	103	47-139	
Methylene Chloride	20.0	1.0 U	19.1	95	79-119	
Acetone	20.0	5.0 U	16.7	84	45-156	
Carbon disulfide	20.0	1.0 U	20.1	101	58-139	
Methyl acetate	20.0	2.0 U	17.0	85	50-151	
1,1-Dichloroethene	20.0	1.0	20.7	98	56-139	
1,1-Dichloroethane	20.0	1.0 U	19.0	95	78-122	
cis-1,2-Dichloroethene	20.0	1.0 U	19.0	95	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	19.5	97	75-122	
MTBE	20.0	0.25 J	19.3	95	71-115	
Chloroform	20.0	0.27 J	19.8	97	82-123	
1,2-Dichloroethane	20.0	1.0 U	18.7	93	74-118	
2-Butanone	20.0	5.0 U	19.1	95	65-114	
1,1,1-Trichloroethane	20.0	0.37 J	20.5	100	74-128	
Cyclohexane	20.0	1.0 U	18.4	92	58-133	
Carbon tetrachloride	20.0	1.0 U	20.2	101	73-120	
Bromodichloromethane	20.0	1.0 U	19.2	96	79-119	
1,2-Dichloropropane	20.0	1.0 U	18.8	94	80-120	
cis-1,3-Dichloropropene	20.0	1.0 U	17.8	89	80-120	
Trichloroethene	20.0	3.5	22.2	94	78-119	
Methylcyclohexane	20.0	1.0 U	18.2	91	61-129	
Dibromochloromethane	20.0	1.0 U	18.0	90	80-120	
1,1,2-Trichloroethane	20.0	1.0 U	19.5	98	79-119	
Benzene	20.0	1.0 U	19.5	98	83-124	
trans-1,3-Dichloropropene	20.0	1.0 U	18.0	90	78-118	
Bromoform	20.0	1.0 U	17.7	88	73-123	
Isopropylbenzene	20.0	1.0 U	17.5	88	80-125	
4-Methyl-2-pentanone	20.0	5.0 U	18.5	93	53-120	
2-Hexanone	20.0	5.0 U	18.5	93	53-121	
Tetrachloroethene	20.0	46	58.1	59	68-139	*
Toluene	20.0	1.0 U	19.2	96	80-120	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	18.7	93	74-126	
Chlorobenzene	20.0	1.0 U	18.6	93	81-121	
Ethylbenzene	20.0	1.0 U	16.6	83	79-126	
Xylenes, Total	60.0	3.0 U	52.2	87	76-121	
Styrene	20.0	1.0 U	17.3	86	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10340.d

Lab ID: 460-51333-9 MS Client ID: 130041-MW9D-80FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	18.1	90	70-116	
1,3-Dichlorobenzene	20.0	1.0 U	18.6	93	81-126	
1,4-Dichlorobenzene	20.0	1.0 U	18.6	93	83-123	
1,2-Dichlorobenzene	20.0	1.0 U	19.7	98	82-122	
1,2,4-Trichlorobenzene	20.0	1.0 U	18.1	91	66-120	
1,2-Dibromoethane	20.0	1.0 U	18.1	91	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10365.d

Lab ID: 460-51333-7 MSD Client ID: 130041-MW-4-45FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	200	245	123	13	30	46-145	
Chloromethane	200	237	118	14	30	58-146	
Bromomethane	200	189	95	18	30	55-153	
Vinyl chloride	200	260	130	17	30	61-144	
Chloroethane	200	213	106	11	30	69-145	
Trichlorofluoromethane	200	241	121	13	30	69-147	
Freon TF	200	242	121	14	30	47-139	
Methylene Chloride	200	222	111	13	30	79-119	
Acetone	200	310	155	12	30	45-156	
Carbon disulfide	200	233	117	14	30	58-139	
Methyl acetate	200	209	105	14	30	50-151	
1,1-Dichloroethene	200	238	119	13	30	56-139	
1,1-Dichloroethane	200	223	111	14	30	78-122	
cis-1,2-Dichloroethene	200	216	108	13	30	80-120	
trans-1,2-Dichloroethene	200	222	111	15	30	75-122	
MTBE	200	213	107	17	30	71-115	
Chloroform	200	229	114	14	30	82-123	
1,2-Dichloroethane	200	219	110	15	30	74-118	
2-Butanone	200	226	113	18	30	65-114	
1,1,1-Trichloroethane	200	238	119	16	30	74-128	
Cyclohexane	200	210	105	17	30	58-133	
Carbon tetrachloride	200	236	118	16	30	73-120	
Bromodichloromethane	200	225	113	15	30	79-119	
1,2-Dichloropropane	200	220	110	15	30	80-120	
cis-1,3-Dichloropropene	200	212	106	17	30	80-120	
Trichloroethene	200	225	112	15	30	78-119	
Methylcyclohexane	200	210	105	17	30	61-129	
Dibromochloromethane	200	213	106	15	30	80-120	
1,1,2-Trichloroethane	200	219	110	14	30	79-119	
Benzene	200	232	116	15	30	83-124	
trans-1,3-Dichloropropene	200	207	104	15	30	78-118	
Bromoform	200	203	102	11	30	73-123	
Isopropylbenzene	200	201	100	17	30	80-125	
4-Methyl-2-pentanone	200	208	104	18	30	53-120	
2-Hexanone	200	215	107	24	30	53-121	
Tetrachloroethene	200	225	113	15	30	68-139	
Toluene	200	224	112	15	30	80-120	
1,1,2,2-Tetrachloroethane	200	218	109	20	30	74-126	
Chlorobenzene	200	218	109	14	30	81-121	
Ethylbenzene	200	193	97	19	30	79-126	
Xylenes, Total	600	603	100	16	30	76-121	
Styrene	200	202	101	16	30	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10365.d

Lab ID: 460-51333-7 MSD Client ID: 130041-MW-4-45FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	200	216	108	19	30	70-116	
1,3-Dichlorobenzene	200	214	107	18	30	81-126	
1,4-Dichlorobenzene	200	215	107	18	30	83-123	
1,2-Dichlorobenzene	200	216	108	19	30	82-122	
1,2,4-Trichlorobenzene	200	219	109	25	30	66-120	
1,2-Dibromoethane	200	216	108	16	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10341.d

Lab ID: 460-51333-9 MSD Client ID: 130041-MW9D-80FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	21.8	109	3	30	46-145	
Chloromethane	20.0	20.3	101	2	30	58-146	
Bromomethane	20.0	25.4	127	4	30	55-153	
Vinyl chloride	20.0	22.5	112	3	30	61-144	
Chloroethane	20.0	23.1	115	0	30	69-145	
Trichlorofluoromethane	20.0	20.4	102	1	30	69-147	
Freon TF	20.0	20.7	103	1	30	47-139	
Methylene Chloride	20.0	18.8	94	1	30	79-119	
Acetone	20.0	20.0	100	18	30	45-156	
Carbon disulfide	20.0	20.1	100	0	30	58-139	
Methyl acetate	20.0	16.9	84	1	30	50-151	
1,1-Dichloroethene	20.0	20.8	99	1	30	56-139	
1,1-Dichloroethane	20.0	19.3	96	1	30	78-122	
cis-1,2-Dichloroethene	20.0	19.0	95	0	30	80-120	
trans-1,2-Dichloroethene	20.0	19.6	98	1	30	75-122	
MTBE	20.0	19.2	95	1	30	71-115	
Chloroform	20.0	19.8	97	0	30	82-123	
1,2-Dichloroethane	20.0	18.5	92	1	30	74-118	
2-Butanone	20.0	20.0	100	5	30	65-114	
1,1,1-Trichloroethane	20.0	20.9	103	2	30	74-128	
Cyclohexane	20.0	18.5	92	0	30	58-133	
Carbon tetrachloride	20.0	20.4	102	1	30	73-120	
Bromodichloromethane	20.0	19.0	95	1	30	79-119	
1,2-Dichloropropane	20.0	18.8	94	0	30	80-120	
cis-1,3-Dichloropropene	20.0	18.0	90	1	30	80-120	
Trichloroethene	20.0	22.0	93	1	30	78-119	
Methylcyclohexane	20.0	18.4	92	1	30	61-129	
Dibromochloromethane	20.0	18.2	91	1	30	80-120	
1,1,2-Trichloroethane	20.0	18.6	93	5	30	79-119	
Benzene	20.0	19.7	99	1	30	83-124	
trans-1,3-Dichloropropene	20.0	18.1	90	0	30	78-118	
Bromoform	20.0	17.8	89	1	30	73-123	
Isopropylbenzene	20.0	17.6	88	0	30	80-125	
4-Methyl-2-pentanone	20.0	18.8	94	2	30	53-120	
2-Hexanone	20.0	19.0	95	3	30	53-121	
Tetrachloroethene	20.0	59.6	67	3	30	68-139	*
Toluene	20.0	19.5	97	2	30	80-120	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	0	30	74-126	
Chlorobenzene	20.0	19.0	95	2	30	81-121	
Ethylbenzene	20.0	16.7	84	1	30	79-126	
Xylenes, Total	60.0	52.2	87	0	30	76-121	
Styrene	20.0	17.6	88	2	30	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: k10341.d

Lab ID: 460-51333-9 MSD Client ID: 130041-MW9D-80FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	19.2	96	6	30	70-116	
1,3-Dichlorobenzene	20.0	18.4	92	1	30	81-126	
1,4-Dichlorobenzene	20.0	18.7	94	1	30	83-123	
1,2-Dichlorobenzene	20.0	18.8	94	5	30	82-122	
1,2,4-Trichlorobenzene	20.0	18.5	92	2	30	66-120	
1,2-Dibromoethane	20.0	18.6	93	2	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: k10331.d Lab Sample ID: MB 460-149880/22

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS9 Date Analyzed: 03/06/2013 07:27

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-149880/3	k10328.d	03/06/2013 05:53
130041-MW9D-80FT MS	460-51333-9 MS	k10340.d	03/06/2013 11:00
130041-MW9D-80FT MSD	460-51333-9 MSD	k10341.d	03/06/2013 11:23
130041-TB1-2-25-13	460-51333-2	k10345.d	03/06/2013 12:57
130041-TB2-2-25-13	460-51333-5	k10346.d	03/06/2013 13:21
130041-TB3-2-25-13	460-51333-8	k10347.d	03/06/2013 13:45
130041-TB4-2-25-13	460-51333-11	k10348.d	03/06/2013 14:08
130041-MW8D-58FT	460-51333-10	k10349.d	03/06/2013 14:32
130041-MW7S-40FT	460-51333-12	k10350.d	03/06/2013 14:56
130041-MW11R-45FT	460-51333-13	k10351.d	03/06/2013 15:20
130041-MW10R-45FT	460-51333-1	k10352.d	03/06/2013 15:43

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: k10359.d Lab Sample ID: MB 460-150001/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS9 Date Analyzed: 03/06/2013 19:50

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-150001/3	k10356.d	03/06/2013 18:03
130041-MW-3-45FT	460-51333-4	k10360.d	03/06/2013 20:14
130041-MW-4-45FT	460-51333-7	k10361.d	03/06/2013 20:37
130041-MW-2-45FT	460-51333-6	k10362.d	03/06/2013 21:01
130041-MW8S-50FT	460-51333-3	k10363.d	03/06/2013 21:25
130041-MW-4-45FT MS	460-51333-7 MS	k10364.d	03/06/2013 22:55
130041-MW-4-45FT MSD	460-51333-7 MSD	k10365.d	03/06/2013 23:19
130041-MW9D-80FT	460-51333-9	k10368.d	03/07/2013 00:29
130041-TB5-2-25-13	460-51333-14	k10369.d	03/07/2013 00:53
130041-TB6-2-25-13	460-51333-17	k10370.d	03/07/2013 01:17
130041-TB7-2-25-13	460-51333-20	k10371.d	03/07/2013 01:40
130041-TB8-2-25-13	460-51333-22	k10372.d	03/07/2013 02:04
130041-MW-5-45FT	460-51333-15	k10375.d	03/07/2013 03:14

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: k10381.d Lab Sample ID: MB 460-150061/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS9 Date Analyzed: 03/07/2013 05:52

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-150061/3	k10378.d	03/07/2013 04:28
130041-MW-6-55FT	460-51333-16	k10382.d	03/07/2013 06:16
130041-MW-1-45FT	460-51333-18	k10383.d	03/07/2013 06:39
130041-MW-9S-40FT	460-51333-19	k10384.d	03/07/2013 07:03
130041-MW-7D-55FT	460-51333-21	k10385.d	03/07/2013 07:27

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: k10307.d BFB Injection Date: 03/05/2013

Instrument ID: VOAMS9 BFB Injection Time: 17:06

Analysis Batch No.: 149877

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.4	
75	30.0 - 60.0 % of mass 95	54.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.9	
173	Less than 2.0 % of mass 174	1.2	(1.9)1
174	50.0 - 120.00 % of mass 95	61.1	
175	5.0 - 9.0 % of mass 174	4.9	(8.0)1
176	95.0 - 101.0 % of mass 174	59.6	(97.6)1
177	5.0 - 9.0 % of mass 176	4.0	(6.7)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
	ICIS 460-149877/2	k10309.d	03/05/2013	17:53
	IC 460-149877/6	k10315.d	03/05/2013	23:05
	IC 460-149877/3	k10316.d	03/05/2013	23:29
	IC 460-149877/4	k10317.d	03/05/2013	23:52
	IC 460-149877/7	k10318.d	03/06/2013	00:16
	IC 460-149877/8	k10323.d	03/06/2013	02:14

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: k10326.d BFB Injection Date: 03/06/2013

Instrument ID: VOAMS9 BFB Injection Time: 05:01

Analysis Batch No.: 149880

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.4	
75	30.0 - 60.0 % of mass 95	50.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	62.2	
175	5.0 - 9.0 % of mass 174	4.6	(7.4)1
176	95.0 - 101.0 % of mass 174	60.4	(97.2)1
177	5.0 - 9.0 % of mass 176	4.1	(6.9)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 460-149880/2	k10327.d	03/06/2013	05:29
	LCS 460-149880/3	k10328.d	03/06/2013	05:53
	MB 460-149880/22	k10331.d	03/06/2013	07:27
130041-MW9D-80FT MS	460-51333-9 MS	k10340.d	03/06/2013	11:00
130041-MW9D-80FT MSD	460-51333-9 MSD	k10341.d	03/06/2013	11:23
130041-TB1-2-25-13	460-51333-2	k10345.d	03/06/2013	12:57
130041-TB2-2-25-13	460-51333-5	k10346.d	03/06/2013	13:21
130041-TB3-2-25-13	460-51333-8	k10347.d	03/06/2013	13:45
130041-TB4-2-25-13	460-51333-11	k10348.d	03/06/2013	14:08
130041-MW8D-58FT	460-51333-10	k10349.d	03/06/2013	14:32
130041-MW7S-40FT	460-51333-12	k10350.d	03/06/2013	14:56
130041-MW11R-45FT	460-51333-13	k10351.d	03/06/2013	15:20
130041-MW10R-45FT	460-51333-1	k10352.d	03/06/2013	15:43

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: k10354.d BFB Injection Date: 03/06/2013

Instrument ID: VOAMS9 BFB Injection Time: 17:17

Analysis Batch No.: 150001

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.1	
75	30.0 - 60.0 % of mass 95	55.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	56.9	
175	5.0 - 9.0 % of mass 174	4.2	(7.4)1
176	95.0 - 101.0 % of mass 174	54.5	(95.7)1
177	5.0 - 9.0 % of mass 176	3.5	(6.4)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 460-150001/2	k10355.d	03/06/2013	17:39
	LCS 460-150001/3	k10356.d	03/06/2013	18:03
	MB 460-150001/4	k10359.d	03/06/2013	19:50
130041-MW-3-45FT	460-51333-4	k10360.d	03/06/2013	20:14
130041-MW-4-45FT	460-51333-7	k10361.d	03/06/2013	20:37
130041-MW-2-45FT	460-51333-6	k10362.d	03/06/2013	21:01
130041-MW8S-50FT	460-51333-3	k10363.d	03/06/2013	21:25
130041-MW-4-45FT MS	460-51333-7 MS	k10364.d	03/06/2013	22:55
130041-MW-4-45FT MSD	460-51333-7 MSD	k10365.d	03/06/2013	23:19
130041-MW9D-80FT	460-51333-9	k10368.d	03/07/2013	00:29
130041-TB5-2-25-13	460-51333-14	k10369.d	03/07/2013	00:53
130041-TB6-2-25-13	460-51333-17	k10370.d	03/07/2013	01:17
130041-TB7-2-25-13	460-51333-20	k10371.d	03/07/2013	01:40
130041-TB8-2-25-13	460-51333-22	k10372.d	03/07/2013	02:04
130041-MW-5-45FT	460-51333-15	k10375.d	03/07/2013	03:14

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: k10376.d BFB Injection Date: 03/07/2013

Instrument ID: VOAMS9 BFB Injection Time: 03:35

Analysis Batch No.: 150061

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	27.2	
75	30.0 - 60.0 % of mass 95	53.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.3	(0.6)1
174	50.0 - 120.00 % of mass 95	55.7	
175	5.0 - 9.0 % of mass 174	4.6	(8.2)1
176	95.0 - 101.0 % of mass 174	53.2	(95.5)1
177	5.0 - 9.0 % of mass 176	3.6	(6.8)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 460-150061/2	k10377.d	03/07/2013	04:05
	LCS 460-150061/3	k10378.d	03/07/2013	04:28
	MB 460-150061/4	k10381.d	03/07/2013	05:52
130041-MW-6-55FT	460-51333-16	k10382.d	03/07/2013	06:16
130041-MW-1-45FT	460-51333-18	k10383.d	03/07/2013	06:39
130041-MW-9S-40FT	460-51333-19	k10384.d	03/07/2013	07:03
130041-MW-7D-55FT	460-51333-21	k10385.d	03/07/2013	07:27

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-149880/2 Date Analyzed: 03/06/2013 05:29

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): k10327.d Heated Purge: (Y/N) N

Calibration ID: 20557

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		615972	5.41	405991	8.87	203526	10.98
UPPER LIMIT		1231944	5.91	811982	9.37	407052	11.48
LOWER LIMIT		307986	4.91	202996	8.37	101763	10.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-149880/3		589028	5.40	379310	8.87	193623	10.98
MB 460-149880/22		518032	5.41	352333	8.87	166909	10.98
460-51333-9 MS	130041-MW9D-80FT MS	572294	5.41	373406	8.88	185760	10.98
460-51333-9 MSD	130041-MW9D-80FT MSD	587841	5.41	377792	8.88	189691	10.98
460-51333-2	130041-TB1-2-25-13	522427	5.41	350534	8.88	165484	10.98
460-51333-5	130041-TB2-2-25-13	516164	5.41	345440	8.88	163217	10.98
460-51333-8	130041-TB3-2-25-13	491926	5.41	332575	8.88	157200	10.98
460-51333-11	130041-TB4-2-25-13	494508	5.41	334473	8.87	158124	10.98
460-51333-10	130041-MW8D-58FT	467614	5.41	316618	8.88	148604	10.98
460-51333-12	130041-MW7S-40FT	489194	5.41	329407	8.88	156969	10.98
460-51333-13	130041-MW11R-45FT	461119	5.41	311786	8.88	145266	10.98
460-51333-1	130041-MW10R-45FT	470254	5.41	315568	8.88	148395	10.98

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-150001/2 Date Analyzed: 03/06/2013 17:39

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): k10355.d Heated Purge: (Y/N) N

Calibration ID: 20557

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		560623	5.41	355033	8.87	187863	10.98
UPPER LIMIT		1121246	5.91	710066	9.37	375726	11.48
LOWER LIMIT		280312	4.91	177517	8.37	93932	10.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-150001/3		562482	5.41	363051	8.87	185080	10.98
MB 460-150001/4		497939	5.41	334377	8.88	156600	10.98
460-51333-4	130041-MW-3-45FT	479893	5.41	326728	8.88	154191	10.98
460-51333-7	130041-MW-4-45FT	499882	5.41	336367	8.88	158760	10.98
460-51333-6	130041-MW-2-45FT	486835	5.41	329555	8.88	154538	10.98
460-51333-3	130041-MW8S-50FT	490951	5.41	330074	8.88	155820	10.98
460-51333-7 MS	130041-MW-4-45FT MS	549001	5.40	353172	8.87	187688	10.98
460-51333-7 MSD	130041-MW-4-45FT MSD	527621	5.40	338442	8.87	172849	10.98
460-51333-9	130041-MW9D-80FT	471472	5.41	318807	8.88	150142	10.98
460-51333-14	130041-TB5-2-25-13	465894	5.41	318134	8.88	150051	10.98
460-51333-17	130041-TB6-2-25-13	460318	5.41	312946	8.88	150229	10.98
460-51333-20	130041-TB7-2-25-13	475138	5.41	323420	8.88	151885	10.98
460-51333-22	130041-TB8-2-25-13	478462	5.41	324150	8.88	149220	10.98
460-51333-15	130041-MW-5-45FT	457736	5.41	312016	8.88	147154	10.98

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-150061/2 Date Analyzed: 03/07/2013 04:05

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): k10377.d Heated Purge: (Y/N) N

Calibration ID: 20557

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		532660	5.41	339911	8.88	178247	10.98
UPPER LIMIT		1065320	5.91	679822	9.38	356494	11.48
LOWER LIMIT		266330	4.91	169956	8.38	89124	10.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-150061/3		511156	5.41	329101	8.87	171436	10.98
MB 460-150061/4		470367	5.41	321856	8.88	149965	10.98
460-51333-16	130041-MW-6-55FT	463909	5.41	316476	8.88	148923	10.98
460-51333-18	130041-MW-1-45FT	459454	5.41	317515	8.88	147743	10.98
460-51333-19	130041-MW-9S-40FT	446759	5.41	304901	8.87	144523	10.98
460-51333-21	130041-MW-7D-55FT	465361	5.41	318438	8.88	147726	10.98

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT | Lab Sample ID: 460-51333-1

Matrix: Water | Lab File ID: k10352.d

Analysis Method: 8260B | Date Collected: 02/25/2013 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 15:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	0.52	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.15	J	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT | Lab Sample ID: 460-51333-1

Matrix: Water | Lab File ID: k10352.d

Analysis Method: 8260B | Date Collected: 02/25/2013 13:42

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 15:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10352.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10352.d
Lab Smp Id: 460-51333-C-1 Client Smp ID: 130041-MW10R-45FT
Inj Date : 06-MAR-2013 15:43
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-1
Misc Info : 460-51333-C-1
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
42 Chloroform	83	4.622	4.628	(0.855)	2975	0.51690	0.52(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	167249	55.2882	55
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	470254	50.0000	
54 Trichloroethene	95	5.767	5.762	(1.066)	442	0.15100	0.15(aH)
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	327258	47.8699	48
71 Tetrachloroethene	166	7.779	7.768	(0.876)	2030	1.01570	1.0
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	315568	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	101418	49.3455	49
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	148395	50.0000	

QC Flag Legend

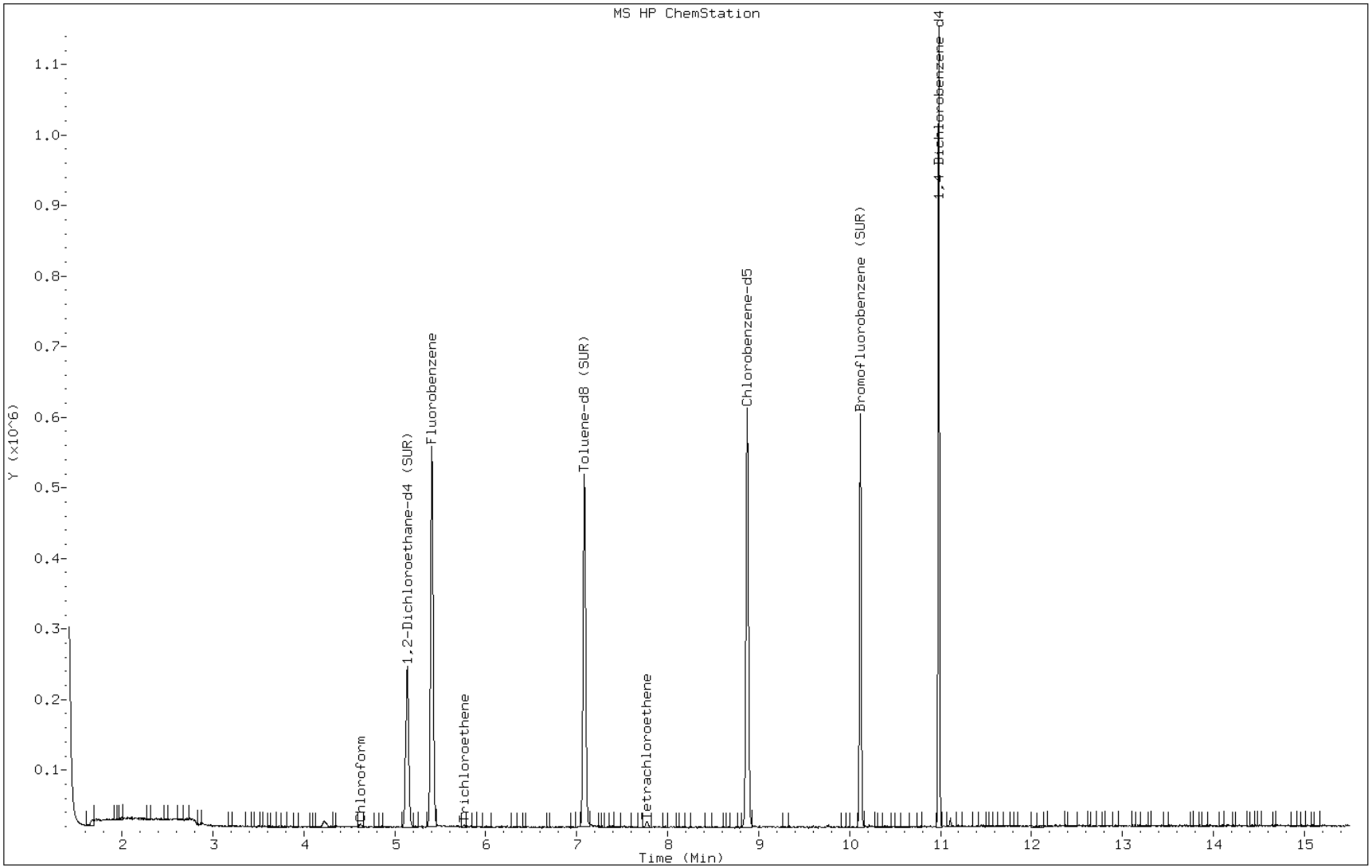
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: k10352.d

Date: 06-MAR-2013 15:43

Client ID: 130041-MW10R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-1 Operator:



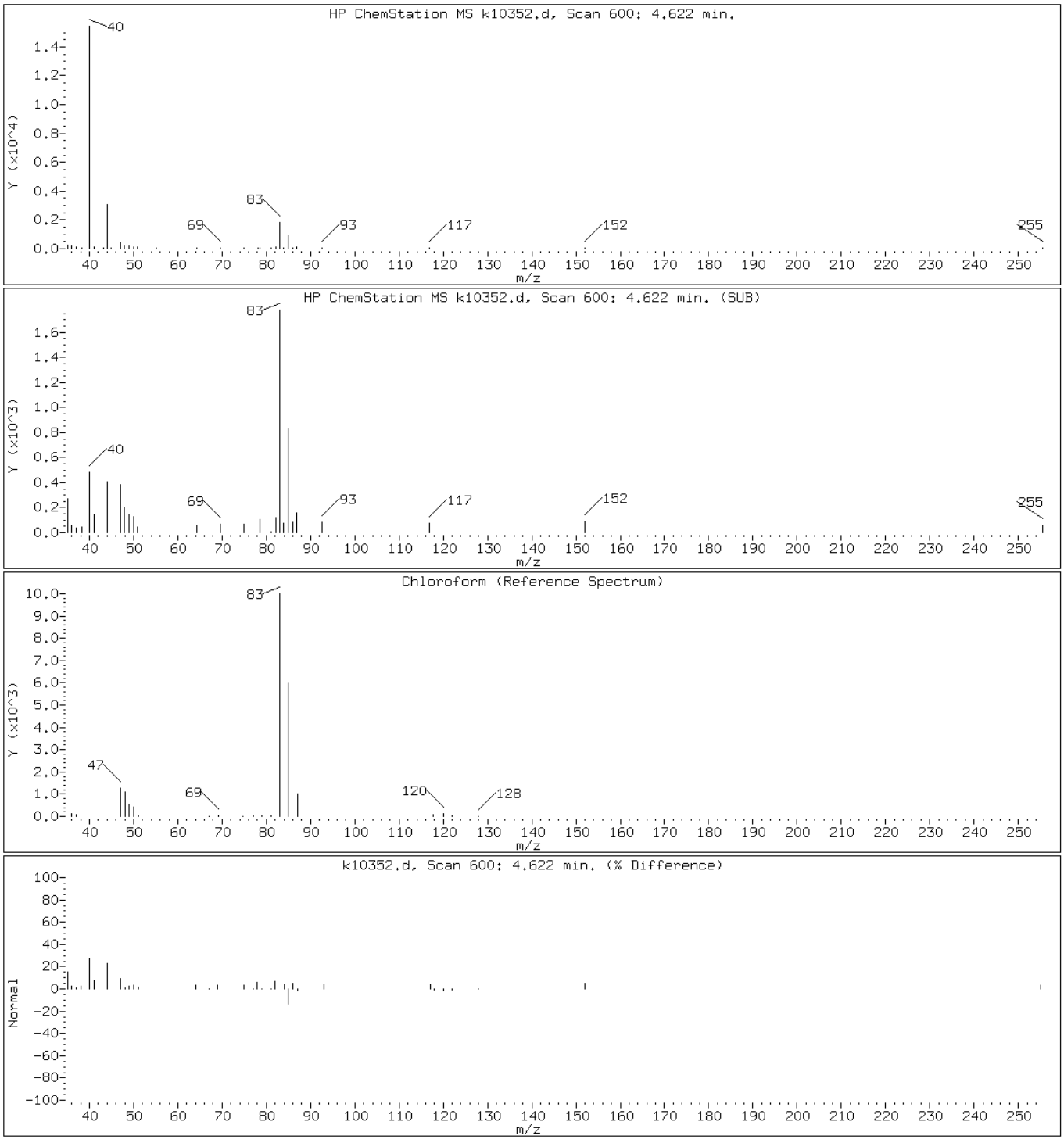
Data File: k10352.d

Date: 06-MAR-2013 15:43

Client ID: 130041-MW10R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-1 Operator:

42 Chloroform



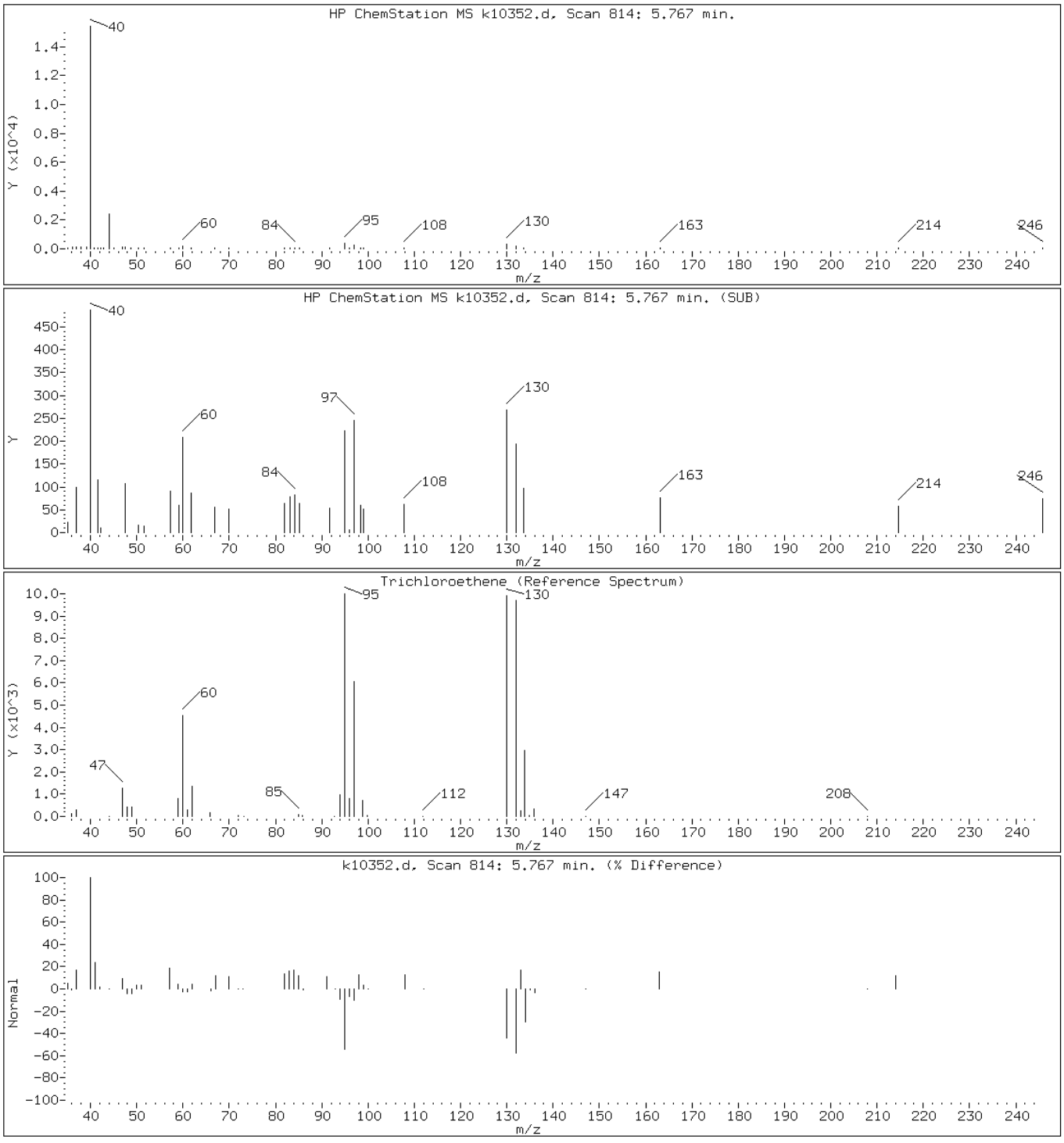
Data File: k10352.d

Date: 06-MAR-2013 15:43

Client ID: 130041-MW10R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-1 Operator:

54 Trichloroethene



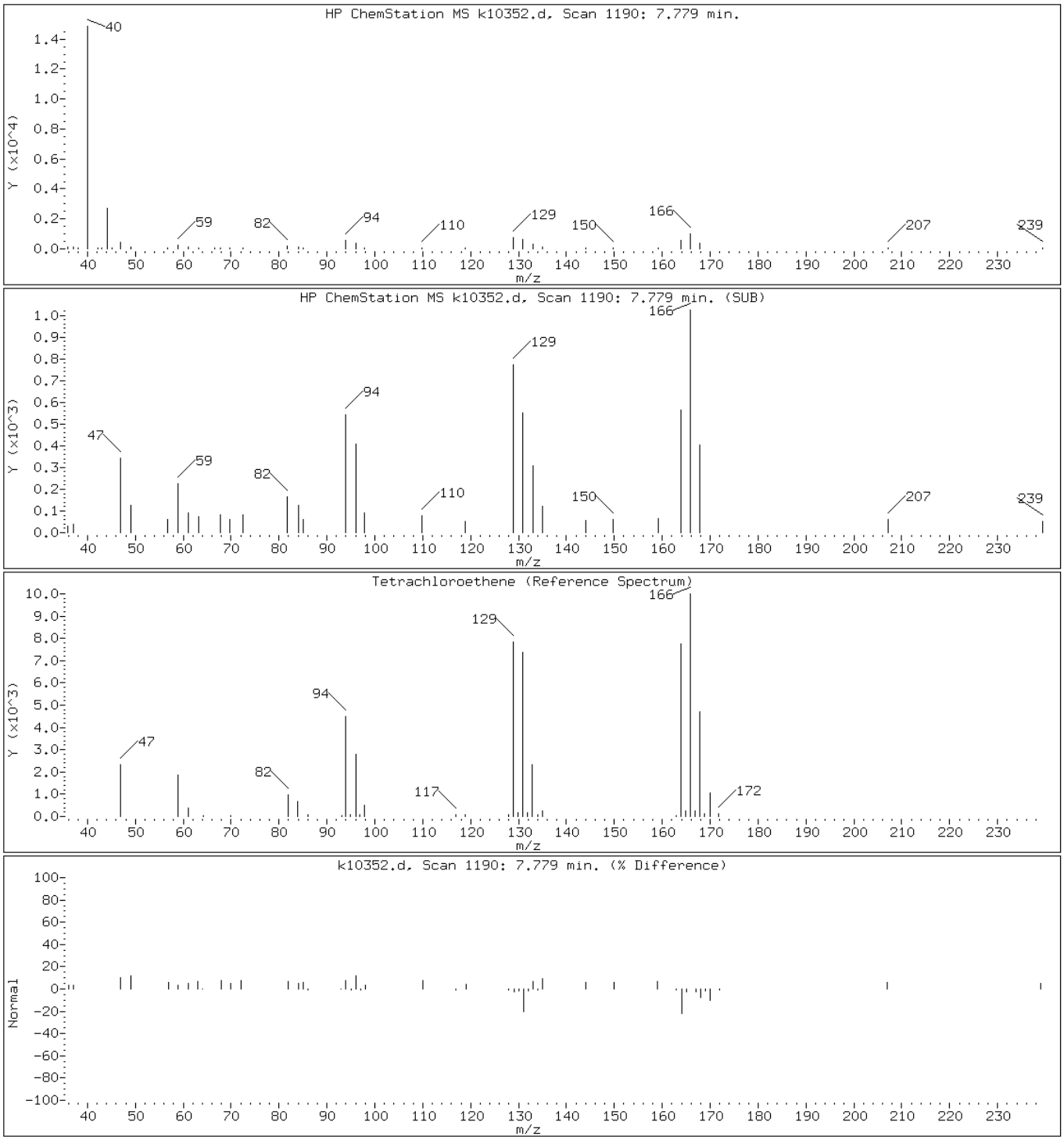
Data File: k10352.d

Date: 06-MAR-2013 15:43

Client ID: 130041-MW10R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-1 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB1-2-25-13 | Lab Sample ID: 460-51333-2

Matrix: Water | Lab File ID: k10345.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 12:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB1-2-25-13 | Lab Sample ID: 460-51333-2

Matrix: Water | Lab File ID: k10345.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 12:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10345.d
Report Date: 08-Mar-2013 17:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10345.d
Lab Smp Id: 460-51333-D-2
Inj Date : 06-MAR-2013 12:57
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-D-2
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

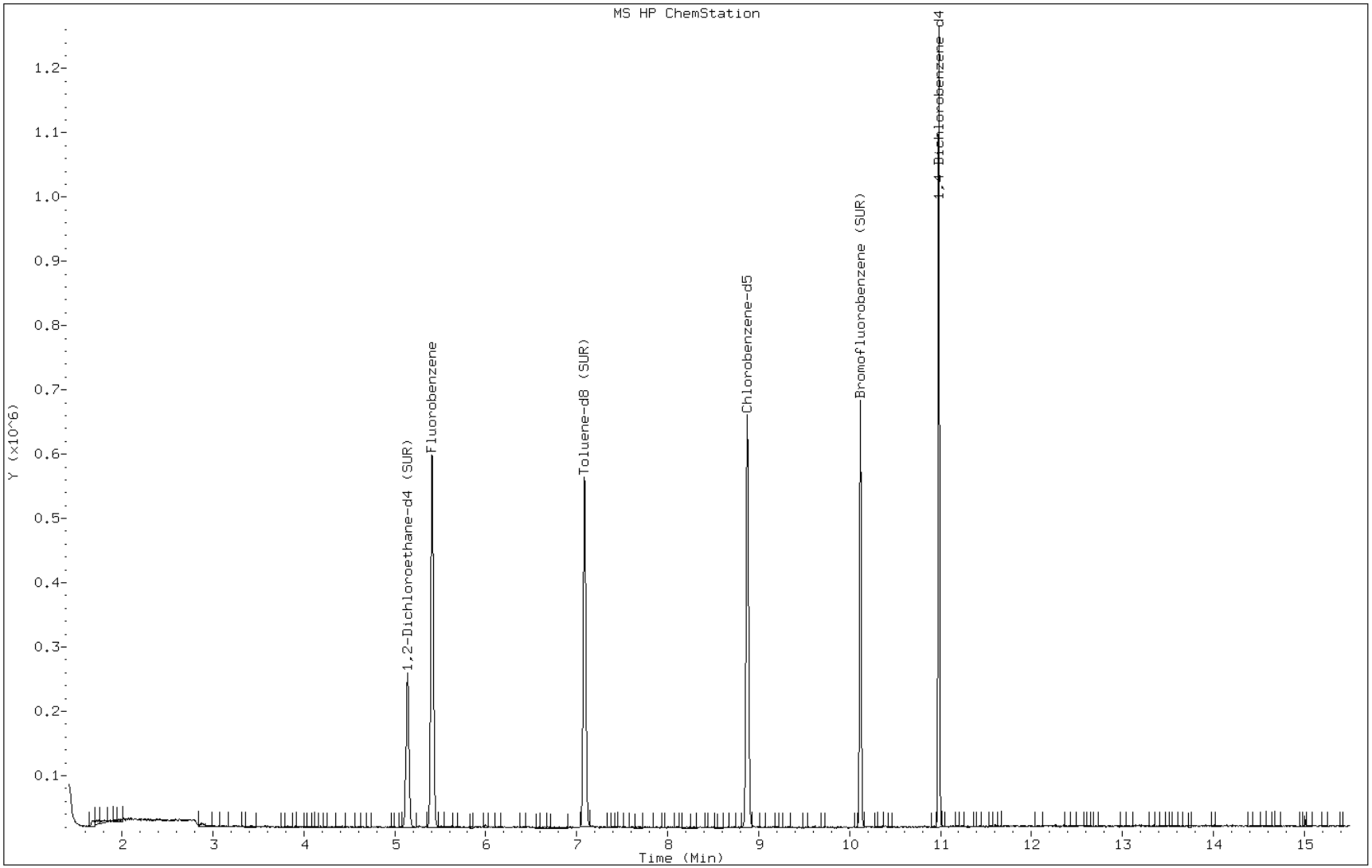
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.141	5.136	(0.950)	179353	53.3684	53
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	522427	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	363347	47.8472	48
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	350534	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	112309	49.0017	49
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	165484	50.0000	

Data File: k10345.d

Date: 06-MAR-2013 12:57

Client ID: Instrument: VOAMS9.i

Sample Info: 460-51333-D-2 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8S-50FT | Lab Sample ID: 460-51333-3

Matrix: Water | Lab File ID: k10363.d

Analysis Method: 8260B | Date Collected: 02/25/2013 15:19

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8S-50FT | Lab Sample ID: 460-51333-3

Matrix: Water | Lab File ID: k10363.d

Analysis Method: 8260B | Date Collected: 02/25/2013 15:19

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10363.d
Report Date: 08-Mar-2013 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10363.d
Lab Smp Id: 460-51333-C-3 Client Smp ID: 130041-MW8S-50FT
Inj Date : 06-MAR-2013 21:25
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-3
Misc Info : 460-51333-C-3
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	178184	56.4198	56
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	490951	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	338576	47.3489	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	330074	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	103188	47.8143	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	155820	50.0000	

Data File: k10363.d

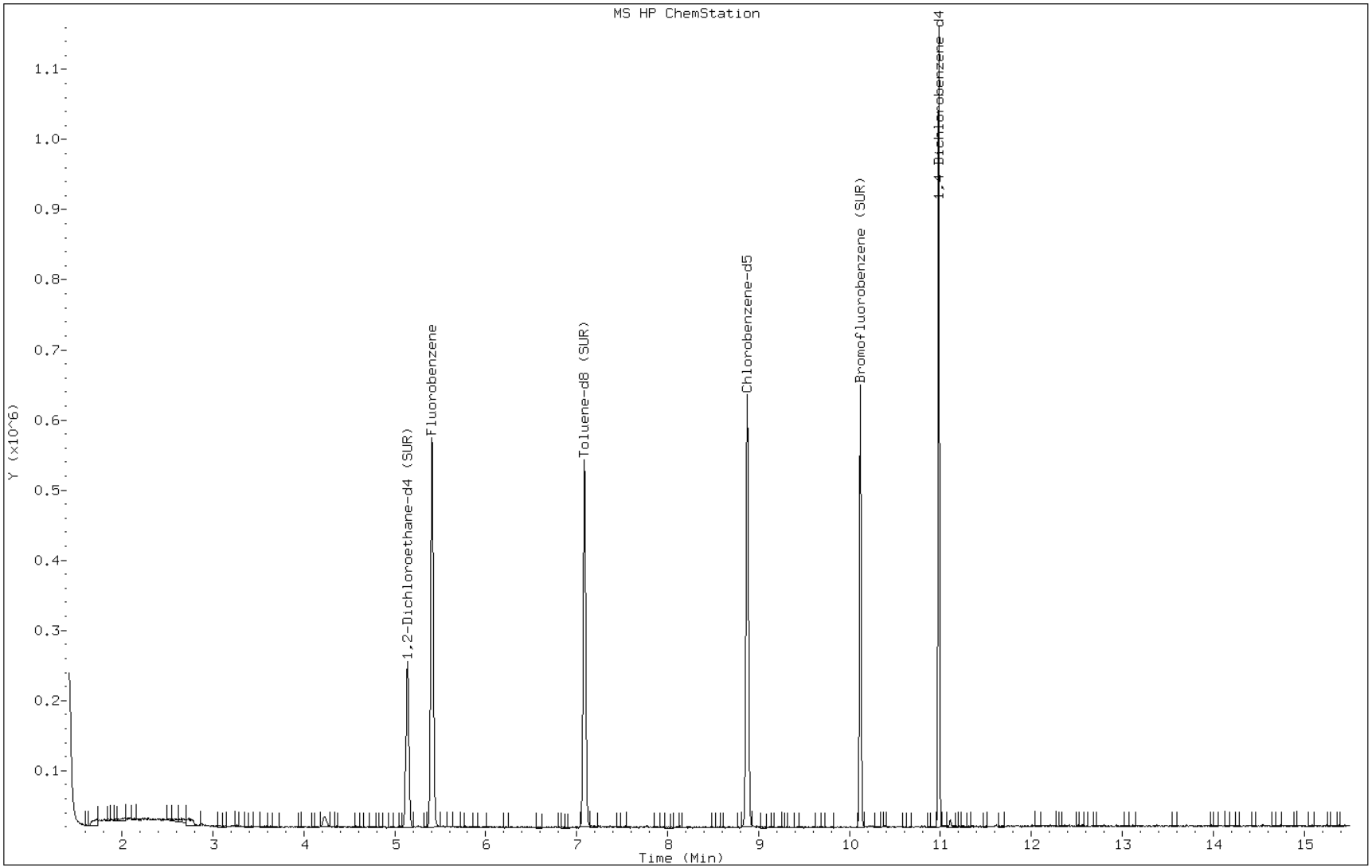
Date: 06-MAR-2013 21:25

Client ID: 130041-MW8S-50FT

Instrument: VOAMS9.i

Sample Info: 460-51333-C-3

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT | Lab Sample ID: 460-51333-4

Matrix: Water | Lab File ID: k10360.d

Analysis Method: 8260B | Date Collected: 02/25/2013 18:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 20:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT | Lab Sample ID: 460-51333-4

Matrix: Water | Lab File ID: k10360.d

Analysis Method: 8260B | Date Collected: 02/25/2013 18:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 20:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10360.d
Report Date: 08-Mar-2013 10:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10360.d
Lab Smp Id: 460-51333-C-4 Client Smp ID: 130041-MW-3-45FT
Inj Date : 06-MAR-2013 20:14
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-4
Misc Info : 460-51333-C-4
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	171686	55.6150	56
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	479893	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	332265	46.9422	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	326728	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	101239	47.4068	47
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	154191	50.0000	

Data File: k10360.d

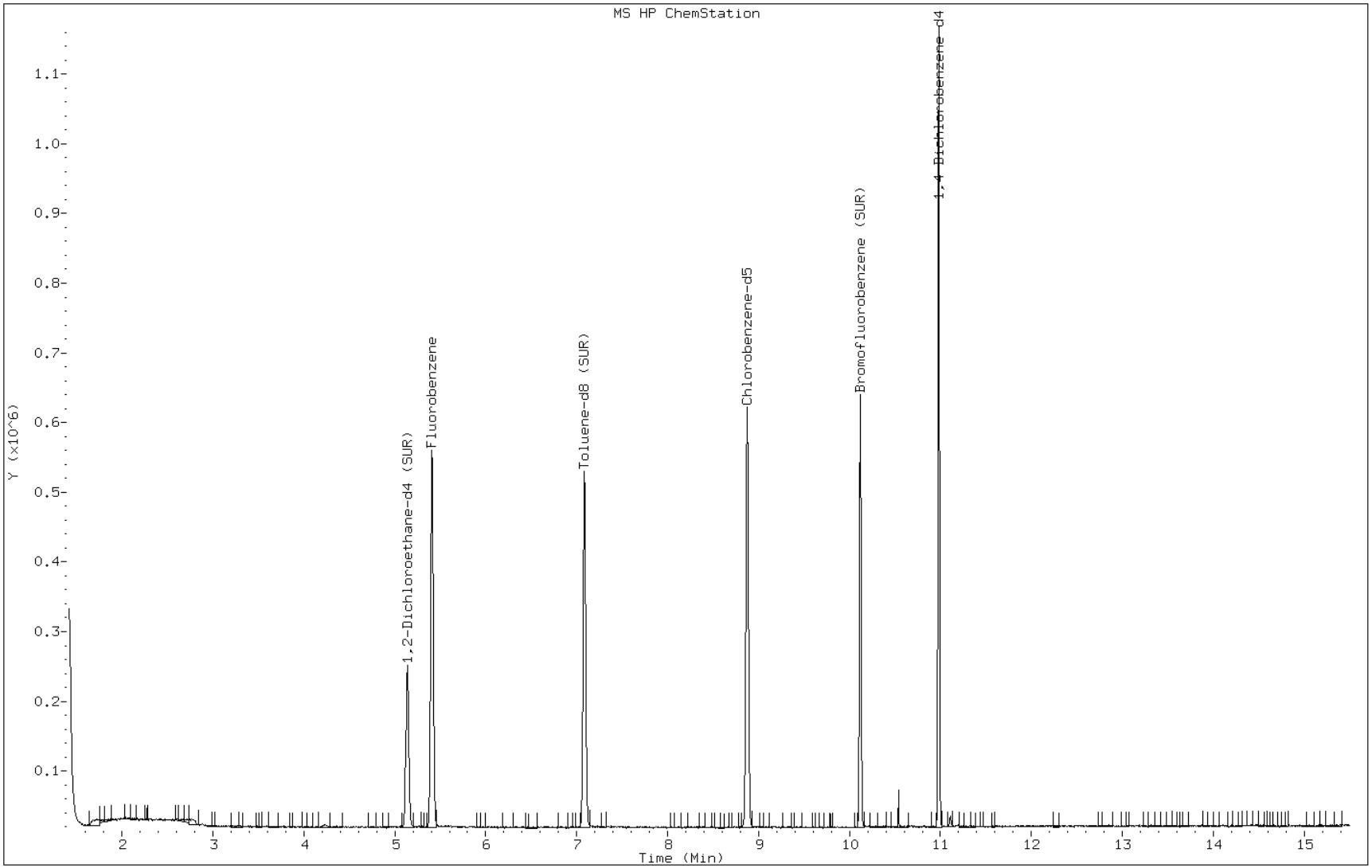
Date: 06-MAR-2013 20:14

Client ID: 130041-MW-3-45FT

Instrument: VOAMS9.i

Sample Info: 460-51333-C-4

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB2-2-25-13 | Lab Sample ID: 460-51333-5

Matrix: Water | Lab File ID: k10346.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 13:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB2-2-25-13 | Lab Sample ID: 460-51333-5

Matrix: Water | Lab File ID: k10346.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 13:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10346.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10346.d
Lab Smp Id: 460-51333-A-5 Client Smp ID: 130041-TB2-2-25-13
Inj Date : 06-MAR-2013 13:21
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-A-5
Misc Info : 460-51333-A-5
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

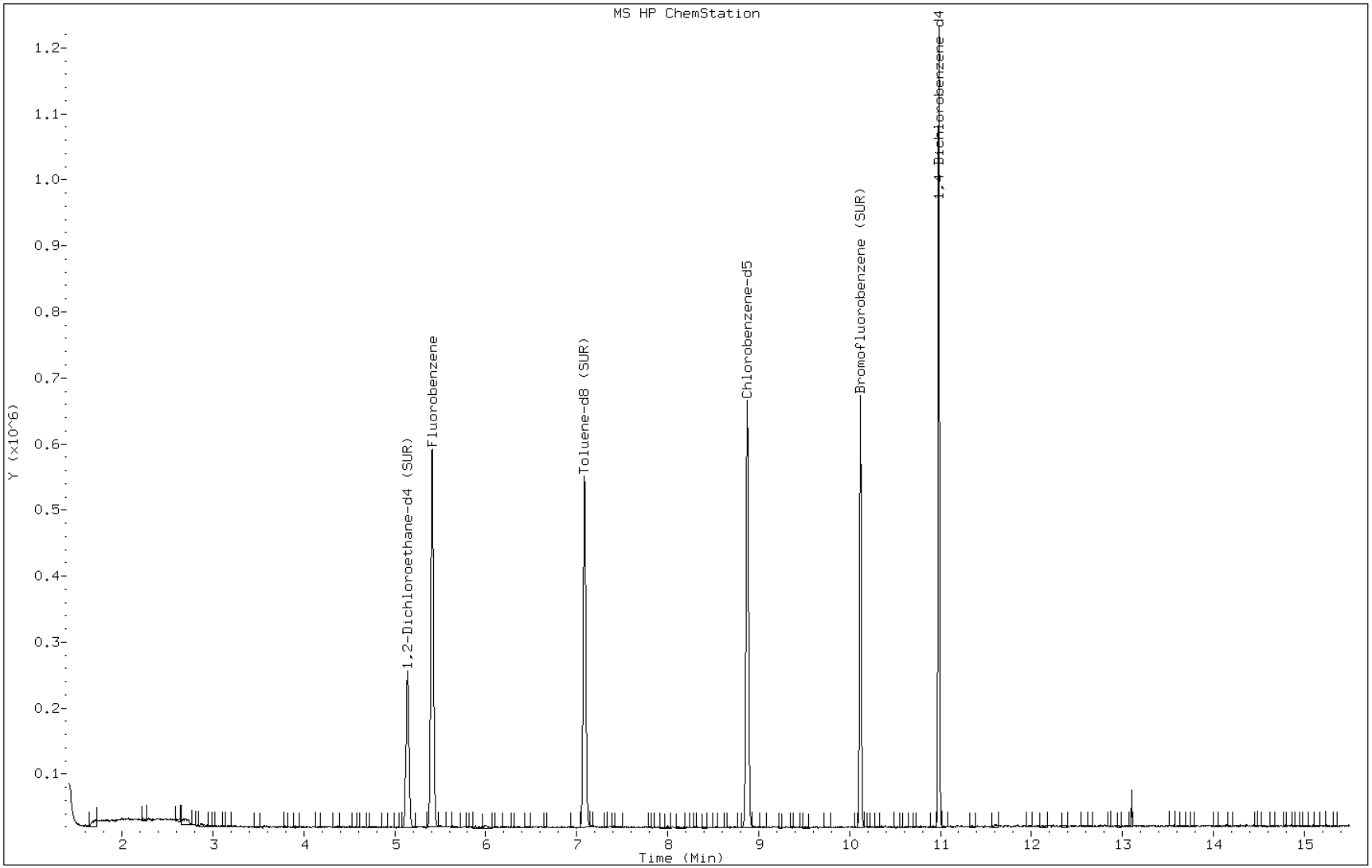
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	179295	53.9985	54
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	516164	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	354962	47.4323	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	345440	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	109692	48.5246	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	163217	50.0000	

Data File: k10346.d

Date: 06-MAR-2013 13:21

Client ID: 130041-TB2-2-25-13 Instrument: VOAMS9.i

Sample Info: 460-51333-A-5 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT | Lab Sample ID: 460-51333-6

Matrix: Water | Lab File ID: k10362.d

Analysis Method: 8260B | Date Collected: 02/25/2013 16:22

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT | Lab Sample ID: 460-51333-6

Matrix: Water | Lab File ID: k10362.d

Analysis Method: 8260B | Date Collected: 02/25/2013 16:22

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10362.d
Report Date: 08-Mar-2013 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10362.d
Lab Smp Id: 460-51333-C-6 Client Smp ID: 130041-MW-2-45FT
Inj Date : 06-MAR-2013 21:01
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-6
Misc Info : 460-51333-C-6
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

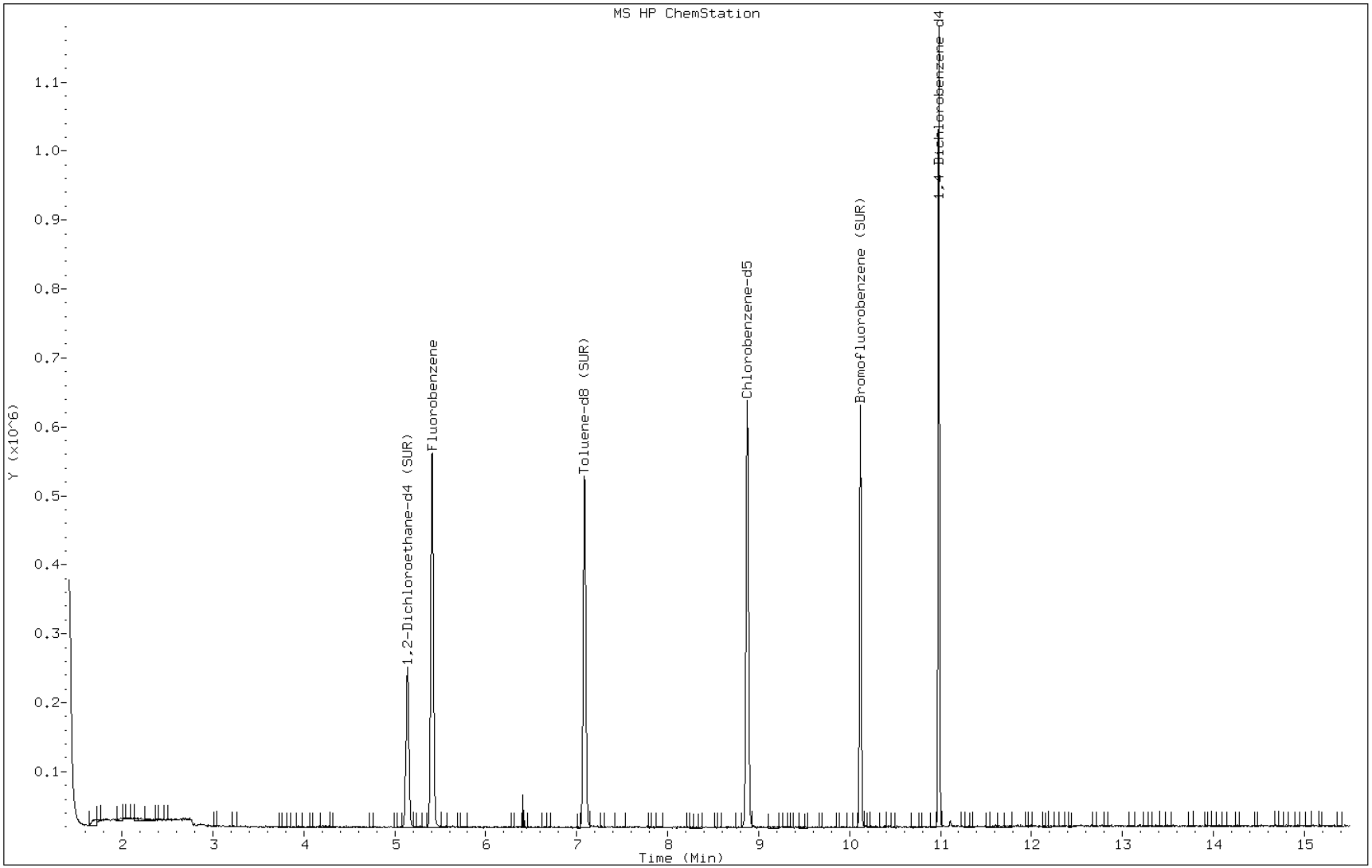
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	174177	55.6174	56
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	486835	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	335989	47.0611	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	329555	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	103178	48.2063	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	154538	50.0000	

Data File: k10362.d

Date: 06-MAR-2013 21:01

Client ID: 130041-MW-2-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-6 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT | Lab Sample ID: 460-51333-7

Matrix: Water | Lab File ID: k10361.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:39

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 20:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT | Lab Sample ID: 460-51333-7

Matrix: Water | Lab File ID: k10361.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:39

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 20:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10361.d
Report Date: 07-Mar-2013 10:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10361.d
Lab Smp Id: 460-51333-C-7 Client Smp ID: 130041-MW-4-45FT
Inj Date : 06-MAR-2013 20:37
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-7
Misc Info : 460-51333-C-7
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	178122	55.3926	55
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	499882	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	345415	47.4016	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	336367	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	105353	47.9135	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	158760	50.0000	

Data File: k10361.d

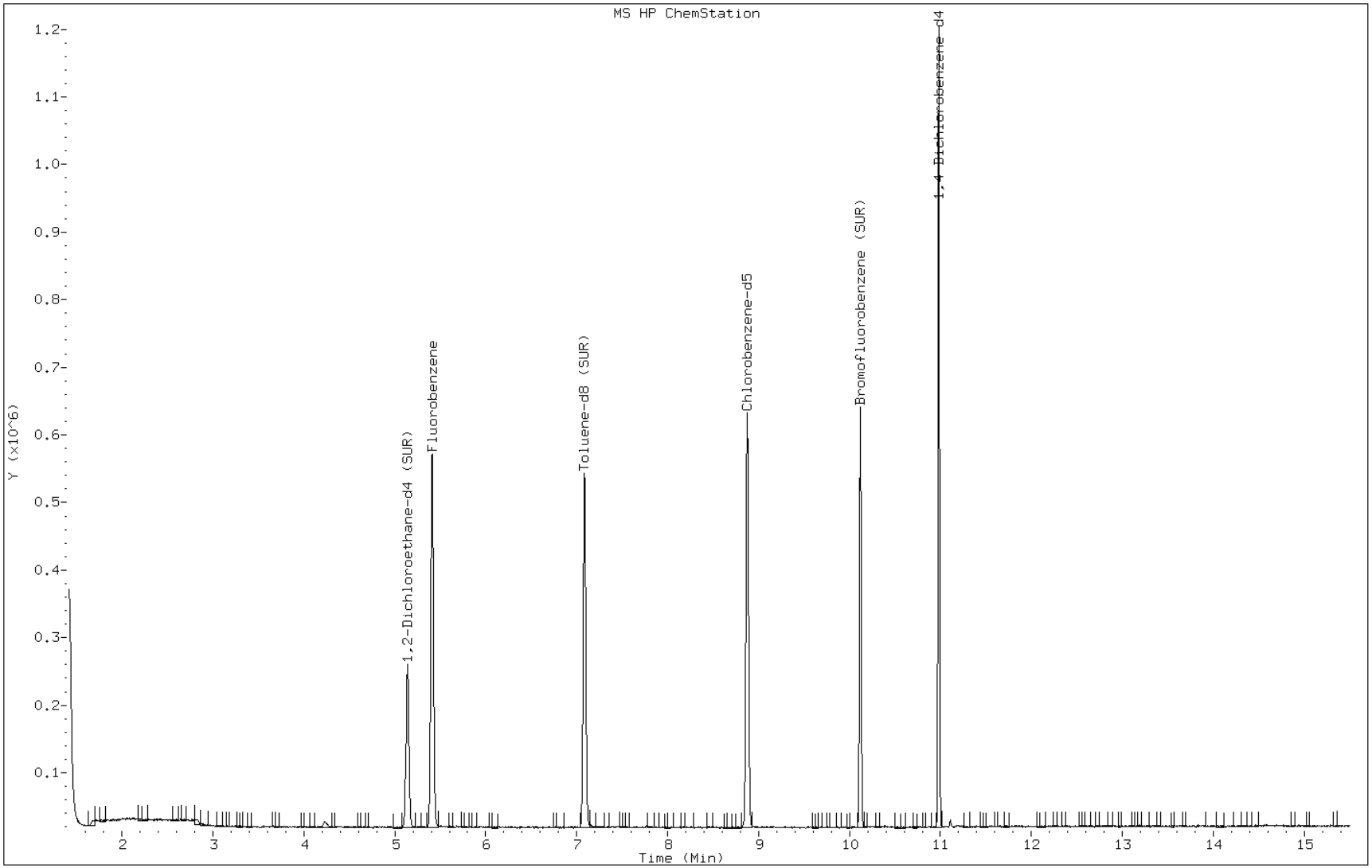
Date: 06-MAR-2013 20:37

Client ID: 130041-MW-4-45FT

Instrument: VOAMS9.i

Sample Info: 460-51333-C-7

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB3-2-25-13 | Lab Sample ID: 460-51333-8

Matrix: Water | Lab File ID: k10347.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 13:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB3-2-25-13 | Lab Sample ID: 460-51333-8

Matrix: Water | Lab File ID: k10347.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 13:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10347.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10347.d
Lab Smp Id: 460-51333-A-8 Client Smp ID: 130041-TB3-2-25-13
Inj Date : 06-MAR-2013 13:45
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-A-8
Misc Info : 460-51333-A-8
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

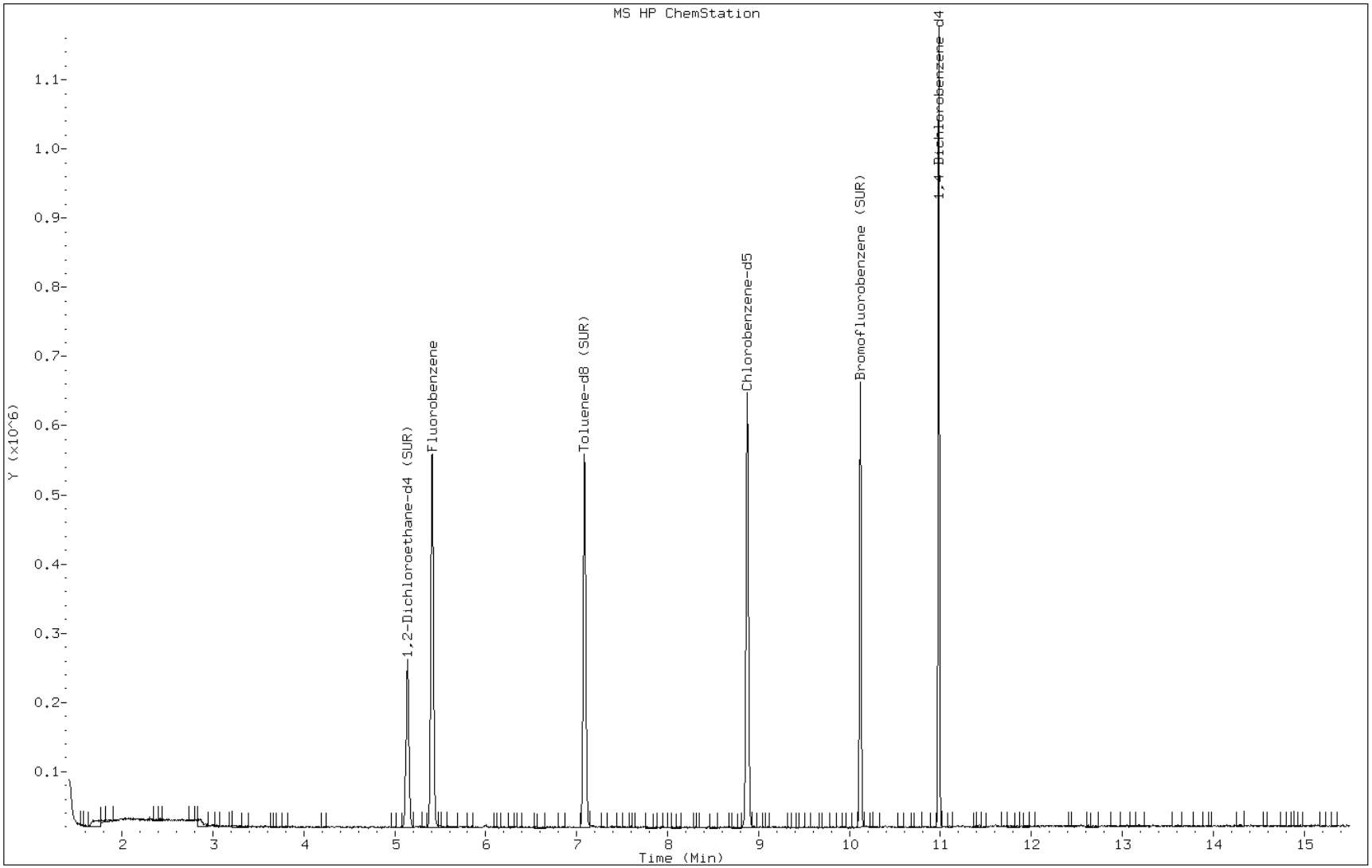
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	177672	56.1462	56
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	491926	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	355312	49.3157	49
* 78 Chlorobenzene-d5	117	8.876	8.870	(1.000)	332575	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	109576	50.3286	50
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	157200	50.0000	

Data File: k10347.d

Date: 06-MAR-2013 13:45

Client ID: 130041-TB3-2-25-13 Instrument: VOAMS9.i

Sample Info: 460-51333-A-8 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT | Lab Sample ID: 460-51333-9

Matrix: Water | Lab File ID: k10368.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:07

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 00:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0		1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	0.25	J	1.0	0.14
67-66-3	Chloroform	0.27	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.37	J	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	3.5		1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	46		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT | Lab Sample ID: 460-51333-9

Matrix: Water | Lab File ID: k10368.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:07

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 00:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10368.d
Report Date: 07-Mar-2013 10:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10368.d
Lab Smp Id: 460-51333-B-9 Client Smp ID: 130041-MW9D-80FT
Inj Date : 07-MAR-2013 00:29
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-B-9
Misc Info : 460-51333-B-9
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 06-MAR-2013 02:14 Cal File: k10323.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
15	1,1-Dichloroethene	96	2.793	2.798	(0.516)	2383	1.01738	1.0
28	MTBE	73	3.397	3.403	(0.628)	2335	0.25360	0.25(a)
42	Chloroform	83	4.628	4.622	(0.856)	1580	0.27381	0.27(a)
43	1,1,1-Trichloroethane	97	4.777	4.777	(0.883)	1556	0.36711	0.37(a)
$ 47	1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	168681	55.6175	56
* 52	Fluorobenzene	96	5.409	5.409	(1.000)	471472	50.0000	
54	Trichloroethene	95	5.762	5.762	(1.065)	10190	3.47226	3.5
$ 65	Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	326986	47.3441	47
71	Tetrachloroethene	166	7.773	7.773	(0.876)	93416	46.2655	46
* 78	Chlorobenzene-d5	117	8.875	8.870	(1.000)	318807	50.0000	
$ 89	Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	100004	48.0914	48
* 108	1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	150142	50.0000	

QC Flag Legend

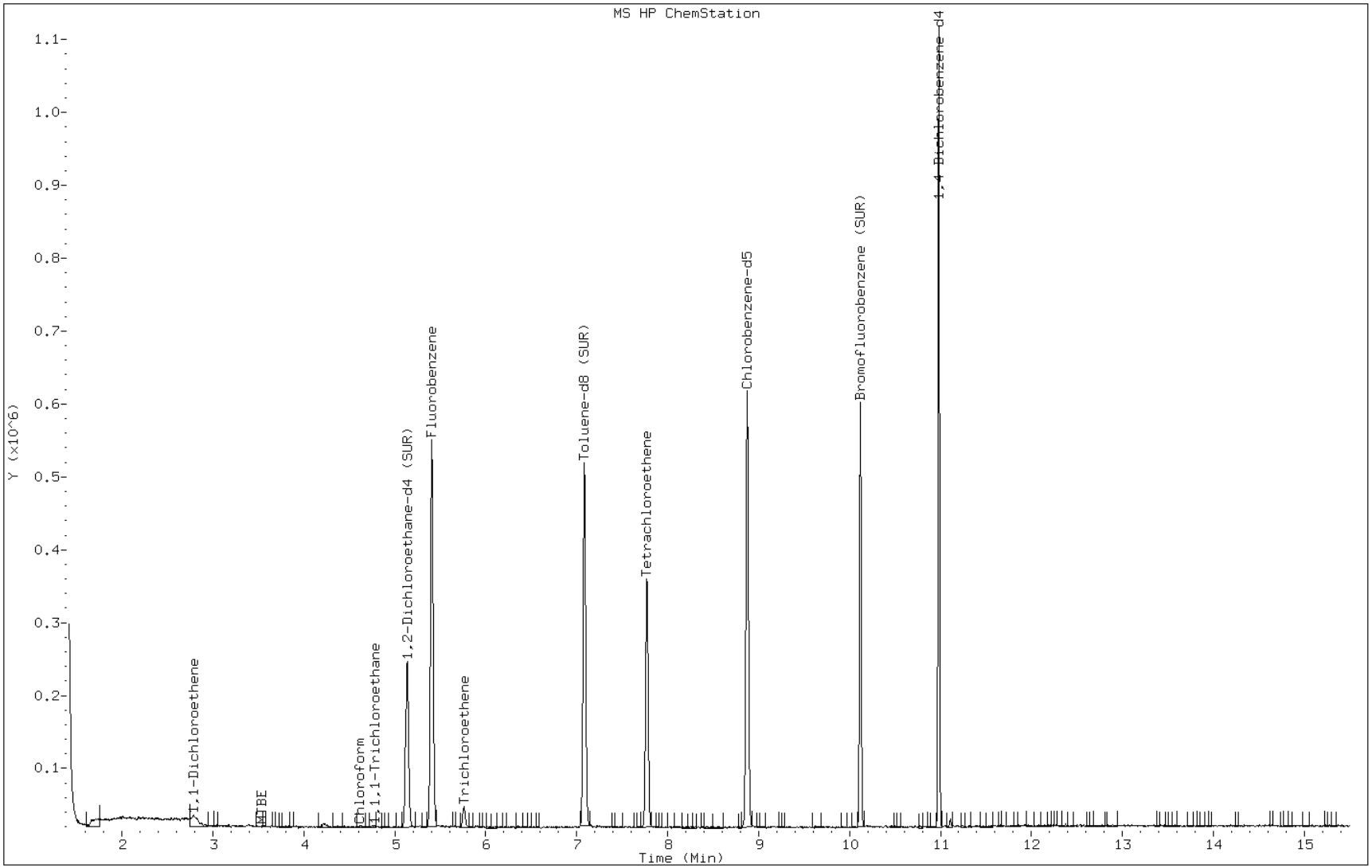
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k10368.d

Date: 07-MAR-2013 00:29

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 Operator:



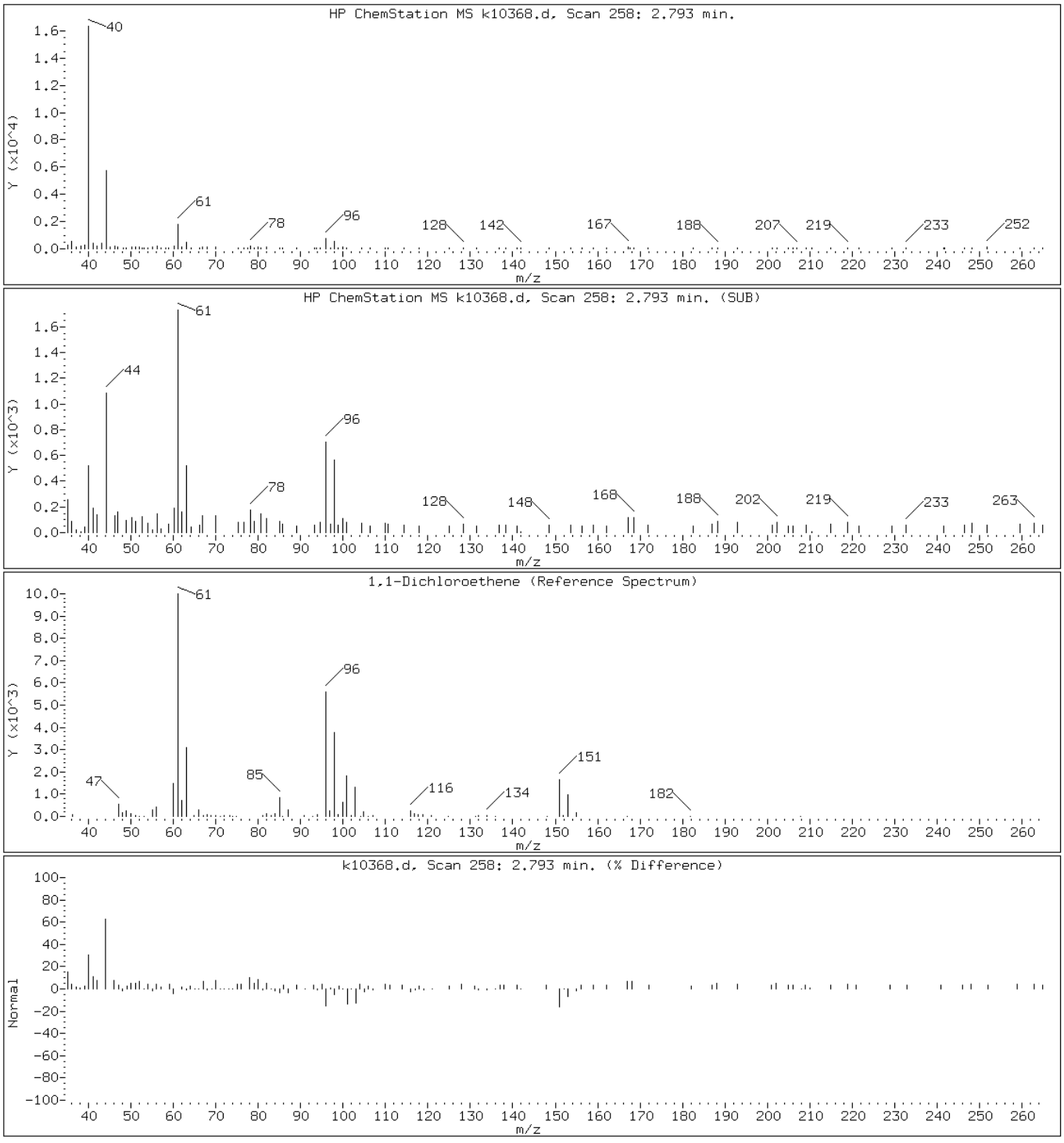
Data File: k10368.d

Date: 07-MAR-2013 00:29

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 Operator:

15 1,1-Dichloroethene



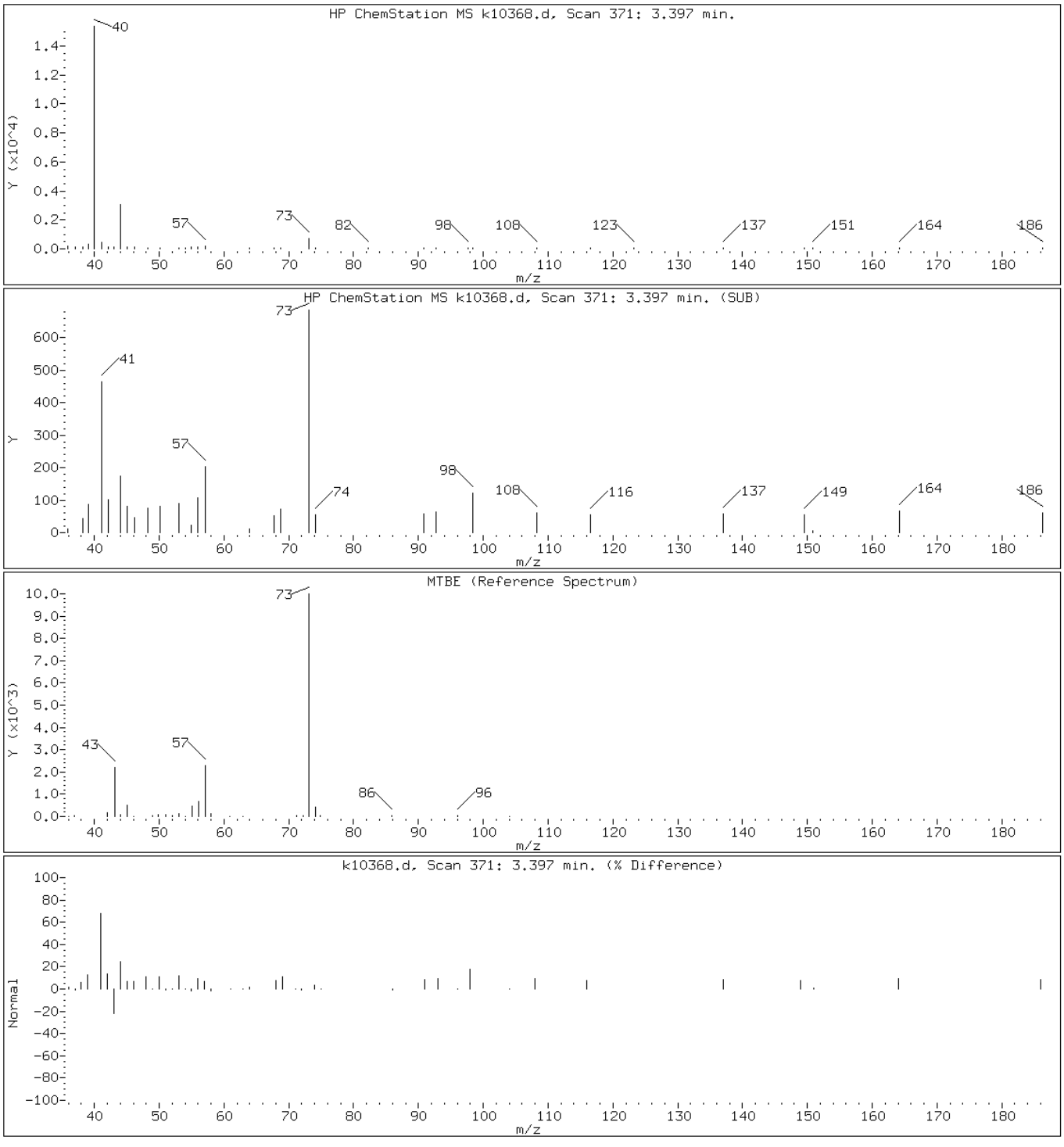
Data File: k10368.d

Date: 07-MAR-2013 00:29

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 Operator:

28 MTBE



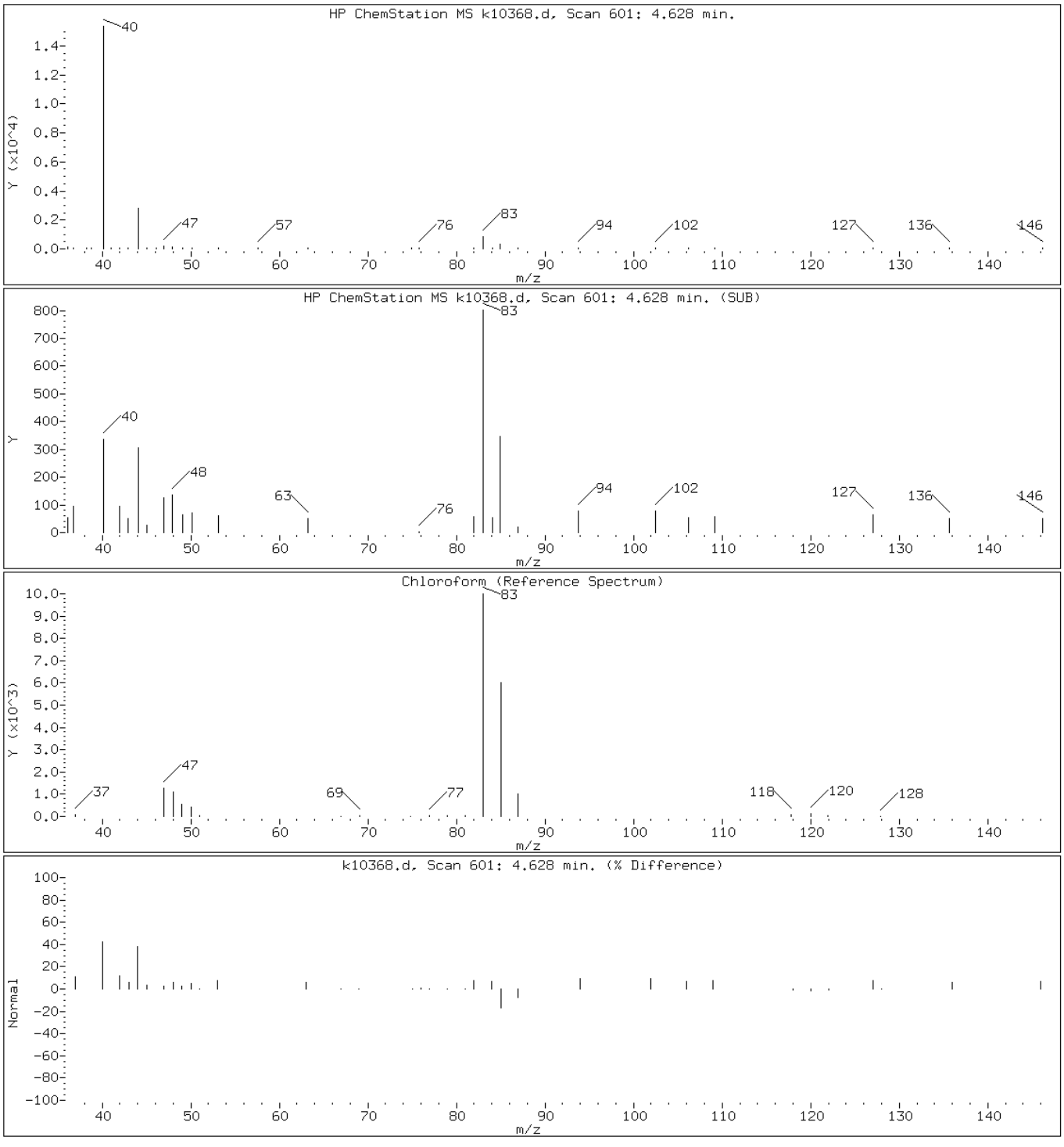
Data File: k10368.d

Date: 07-MAR-2013 00:29

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 Operator:

42 Chloroform



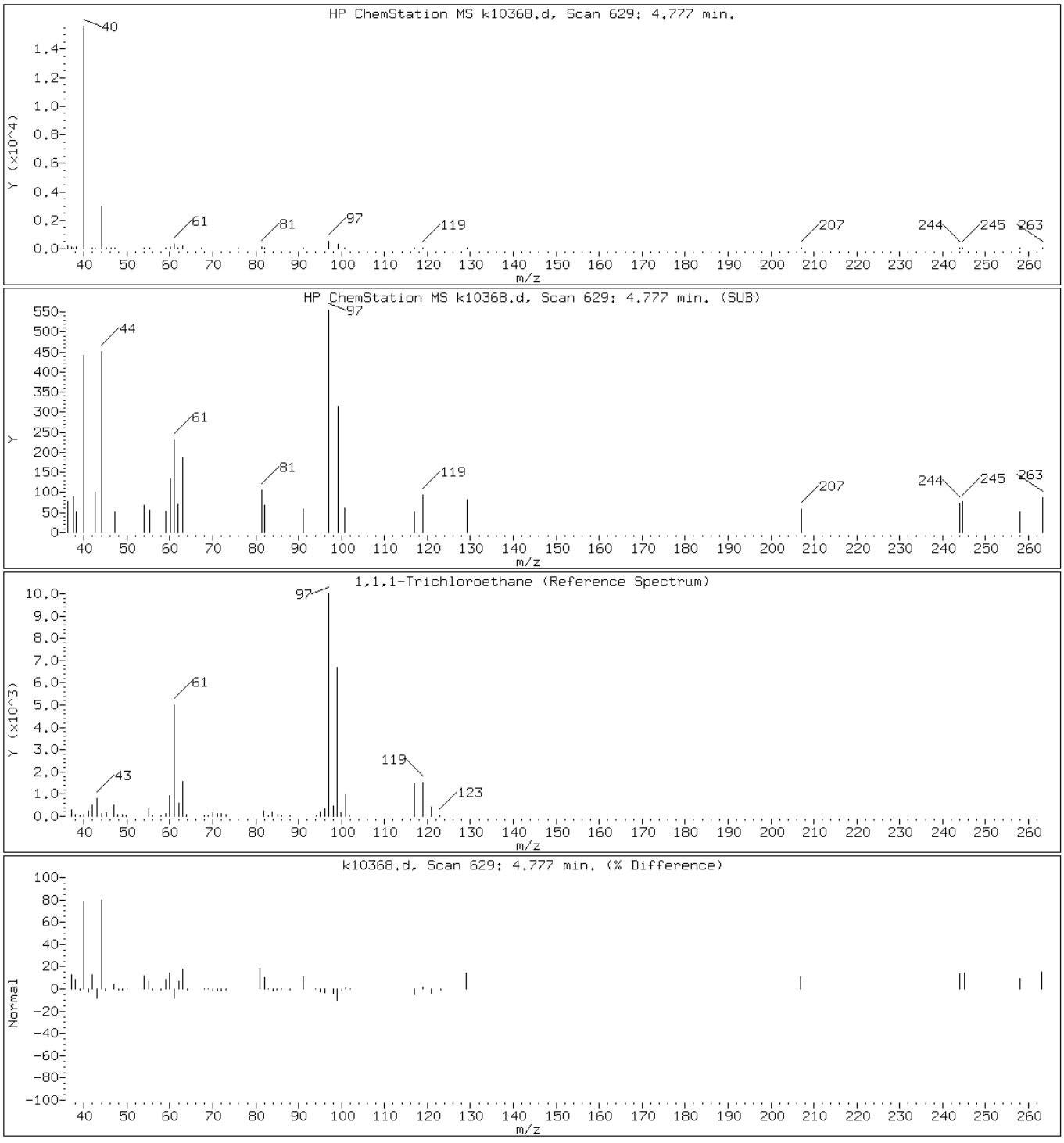
Data File: k10368.d

Date: 07-MAR-2013 00:29

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 Operator:

43 1,1,1-Trichloroethane



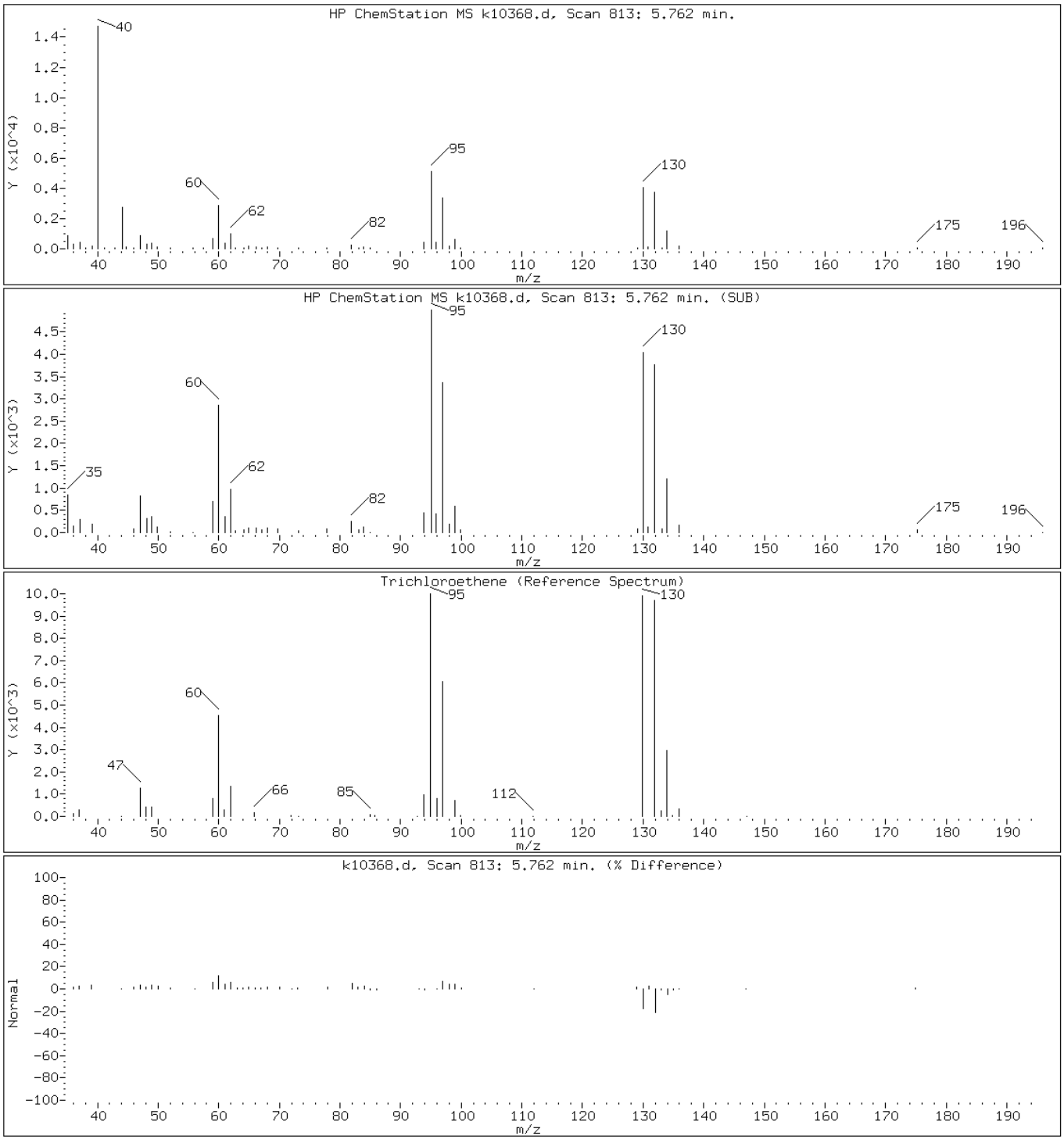
Data File: k10368.d

Date: 07-MAR-2013 00:29

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 Operator:

54 Trichloroethene



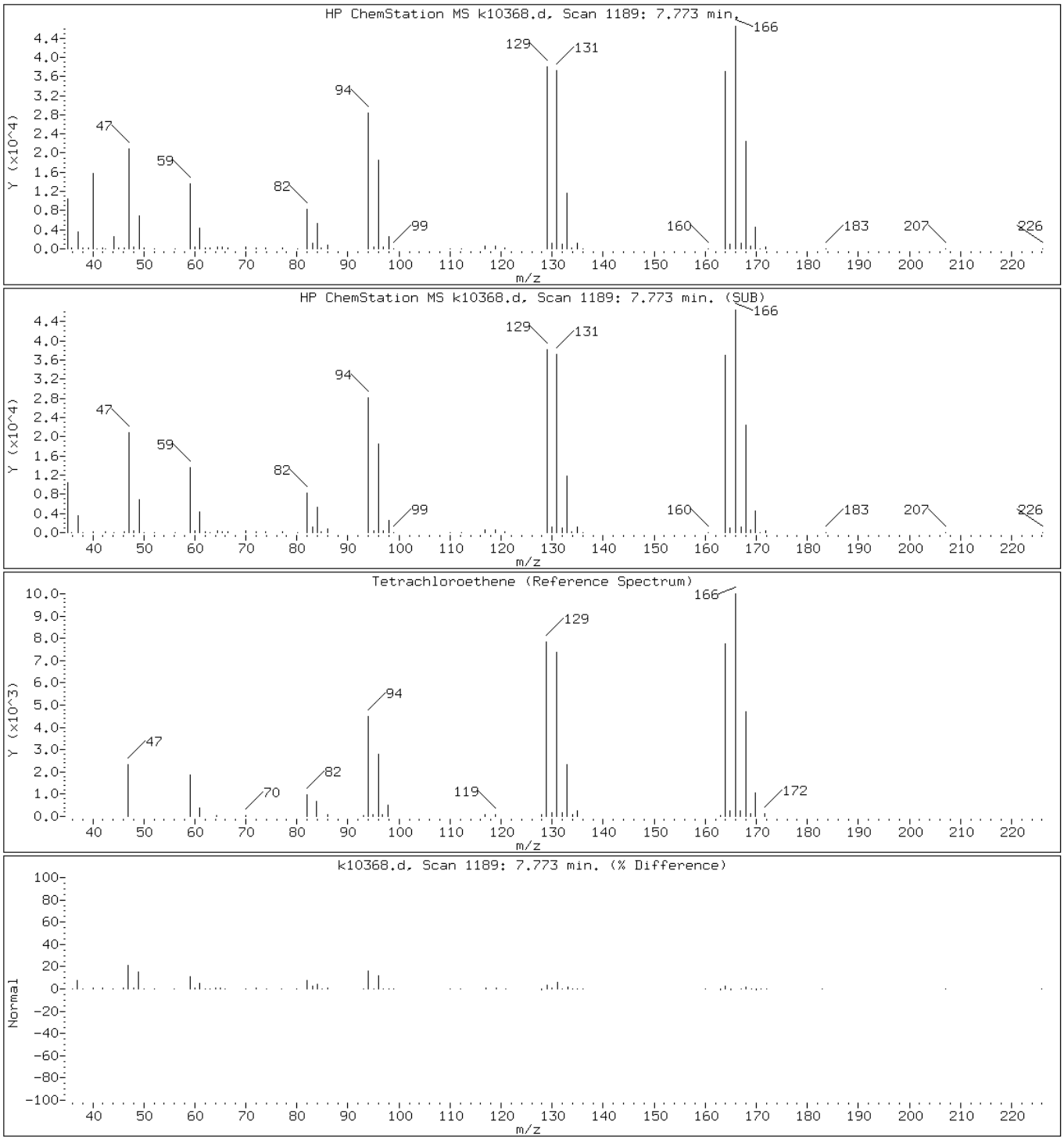
Data File: k10368.d

Date: 07-MAR-2013 00:29

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8D-58FT | Lab Sample ID: 460-51333-10

Matrix: Water | Lab File ID: k10349.d

Analysis Method: 8260B | Date Collected: 02/25/2013 16:02

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 14:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8D-58FT | Lab Sample ID: 460-51333-10

Matrix: Water | Lab File ID: k10349.d

Analysis Method: 8260B | Date Collected: 02/25/2013 16:02

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 14:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10349.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10349.d
Lab Smp Id: 460-51333-C-10 Client Smp ID: 130041-MW8D-58FT
Inj Date : 06-MAR-2013 14:32
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-10
Misc Info : 460-51333-C-10
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	170505	56.6828	57
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	467614	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	335642	48.9334	49
* 78 Chlorobenzene-d5	117	8.876	8.870	(1.000)	316618	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	104072	50.5657	50
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	148604	50.0000	

Data File: k10349.d

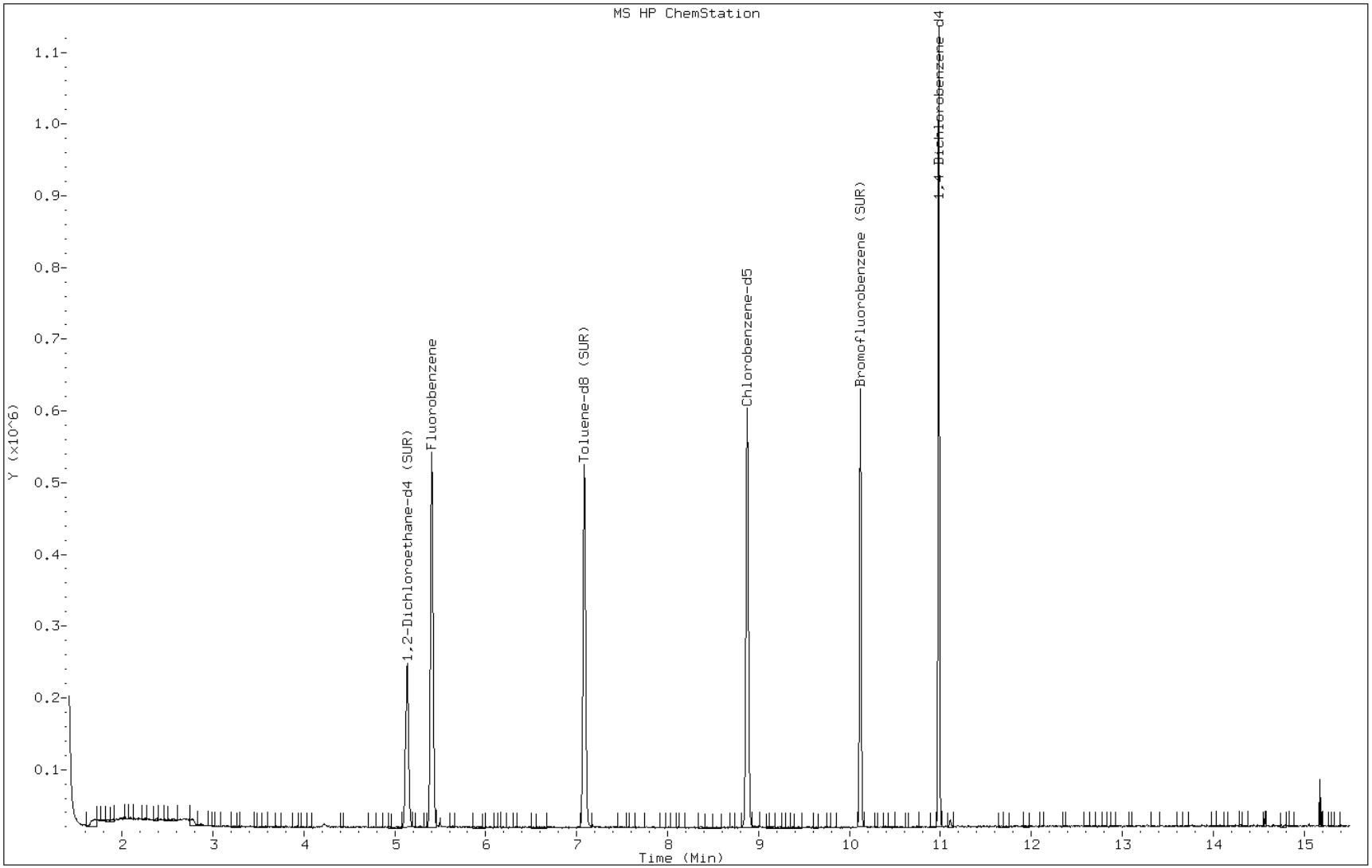
Date: 06-MAR-2013 14:32

Client ID: 130041-MW8D-58FT

Instrument: VOAMS9.i

Sample Info: 460-51333-C-10

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB4-2-25-13 | Lab Sample ID: 460-51333-11

Matrix: Water | Lab File ID: k10348.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 14:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB4-2-25-13 | Lab Sample ID: 460-51333-11

Matrix: Water | Lab File ID: k10348.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 14:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10348.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10348.d
Lab Smp Id: 460-51333-C-11 Client Smp ID: 130041-TB4-2-25-13
Inj Date : 06-MAR-2013 14:08
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-11
Misc Info : 460-51333-C-11
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

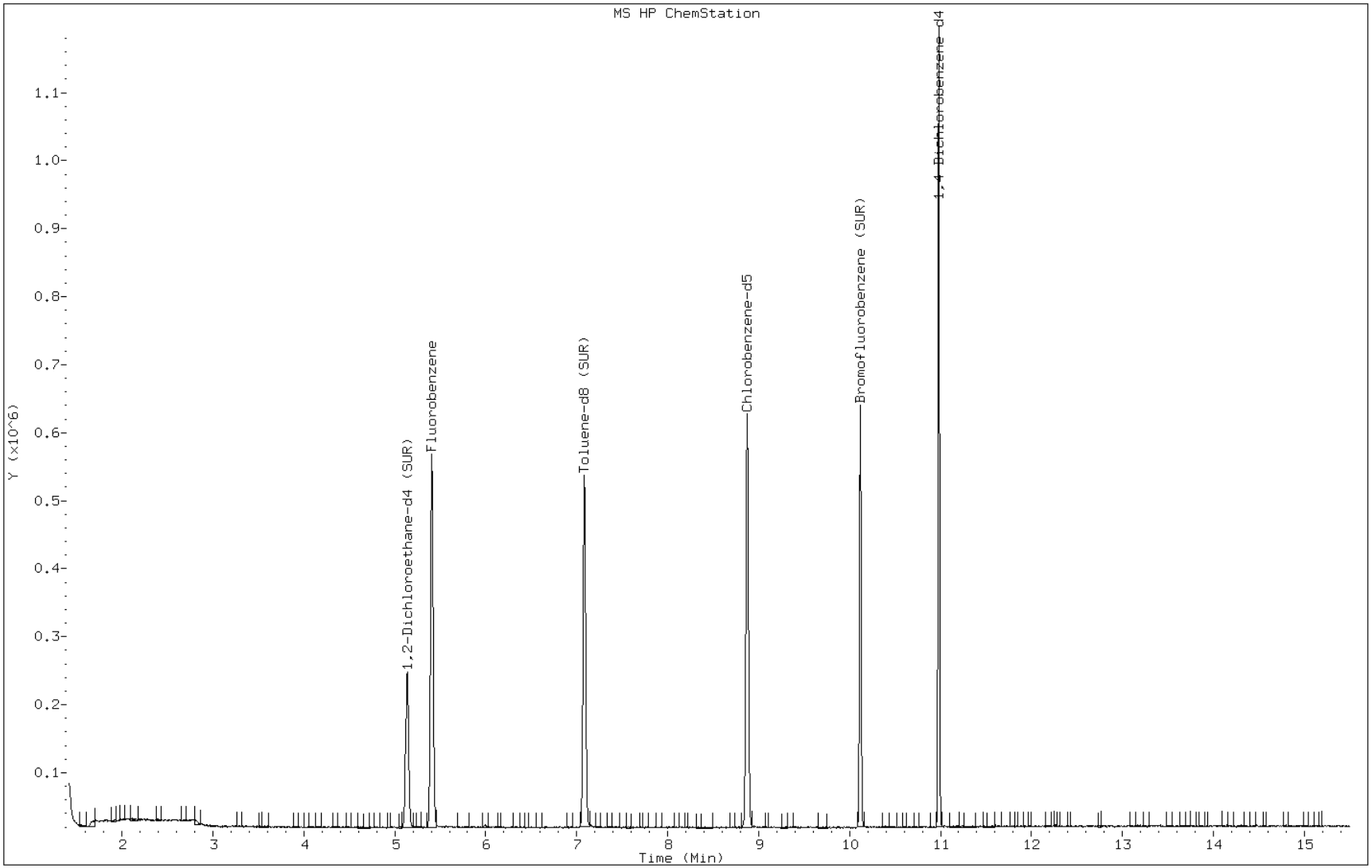
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	173324	54.4862	54
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	494508	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	342821	47.3120	47
* 78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	334473	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	106016	48.4090	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	158124	50.0000	

Data File: k10348.d

Date: 06-MAR-2013 14:08

Client ID: 130041-TB4-2-25-13 Instrument: VOAMS9.i

Sample Info: 460-51333-C-11 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW7S-40FT | Lab Sample ID: 460-51333-12

Matrix: Water | Lab File ID: k10350.d

Analysis Method: 8260B | Date Collected: 02/25/2013 10:36

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.8		1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	8.9		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW7S-40FT | Lab Sample ID: 460-51333-12

Matrix: Water | Lab File ID: k10350.d

Analysis Method: 8260B | Date Collected: 02/25/2013 10:36

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10350.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10350.d
Lab Smp Id: 460-51333-C-12 Client Smp ID: 130041-MW7S-40FT
Inj Date : 06-MAR-2013 14:56
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-12
Misc Info : 460-51333-C-12
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	173670	55.1880	55
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	489194	50.0000	
54 Trichloroethene	95	5.767	5.762	(1.066)	5428	1.78260	1.8
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	338085	47.3759	47
71 Tetrachloroethene	166	7.768	7.768	(0.875)	18512	8.87329	8.9(H)
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	329407	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	103297	47.5145	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	156969	50.0000	

QC Flag Legend

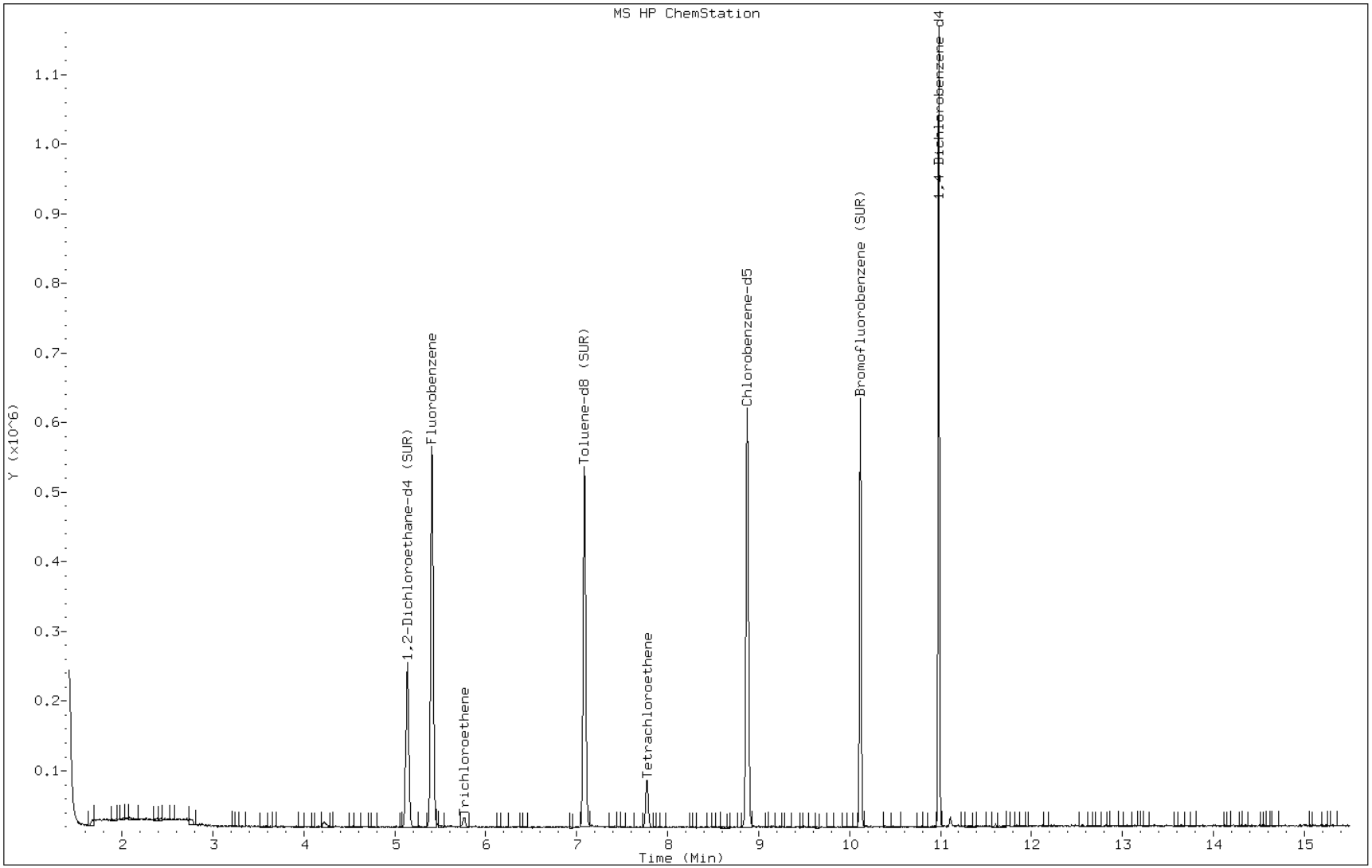
H - Operator selected an alternate compound hit.

Data File: k10350.d

Date: 06-MAR-2013 14:56

Client ID: 130041-MW7S-40FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-12 Operator:



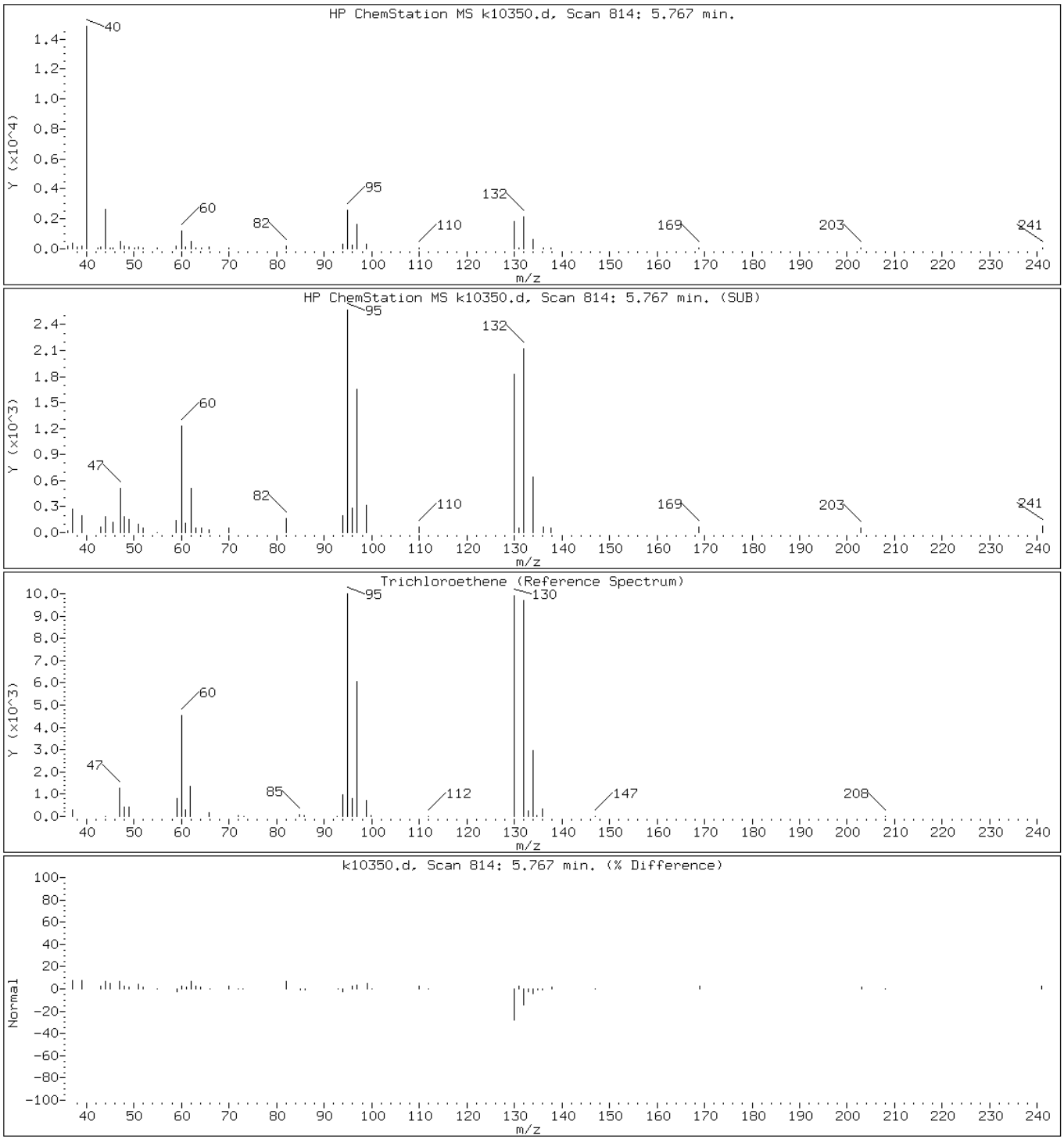
Data File: k10350.d

Date: 06-MAR-2013 14:56

Client ID: 130041-MW7S-40FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-12 Operator:

54 Trichloroethene



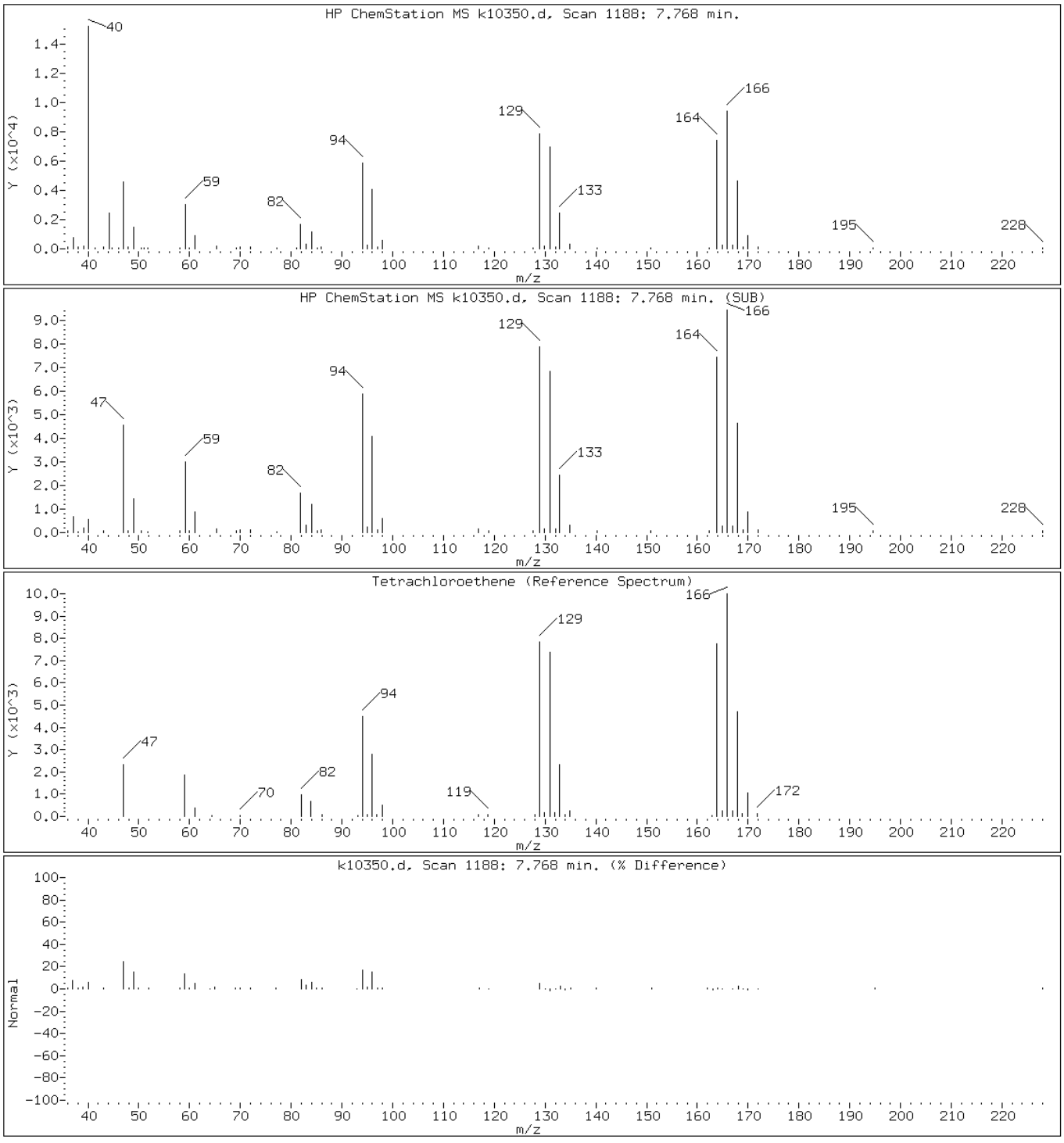
Data File: k10350.d

Date: 06-MAR-2013 14:56

Client ID: 130041-MW7S-40FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-12 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT | Lab Sample ID: 460-51333-13

Matrix: Water | Lab File ID: k10351.d

Analysis Method: 8260B | Date Collected: 02/25/2013 12:36

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 15:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	0.69	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.16	J	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.82	J	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT | Lab Sample ID: 460-51333-13

Matrix: Water | Lab File ID: k10351.d

Analysis Method: 8260B | Date Collected: 02/25/2013 12:36

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 15:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10351.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10351.d
Lab Smp Id: 460-51333-C-13 Client Smp ID: 130041-MW11R-45FT
Inj Date : 06-MAR-2013 15:20
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-13
Misc Info : 460-51333-C-13
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	42 Chloroform	83	4.622	4.628	(0.855)	3883	0.68803	0.69(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.131	5.136	(0.949)	171359	57.7691	58
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	461119	50.0000	
	54 Trichloroethene	95	5.762	5.762	(1.065)	450	0.15678	0.16(a)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	329204	48.7386	49
	71 Tetrachloroethene	166	7.779	7.768	(0.876)	1615	0.81786	0.82(a)
*	78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	311786	50.0000	
$	89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	100709	50.0560	50
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	145266	50.0000	

QC Flag Legend

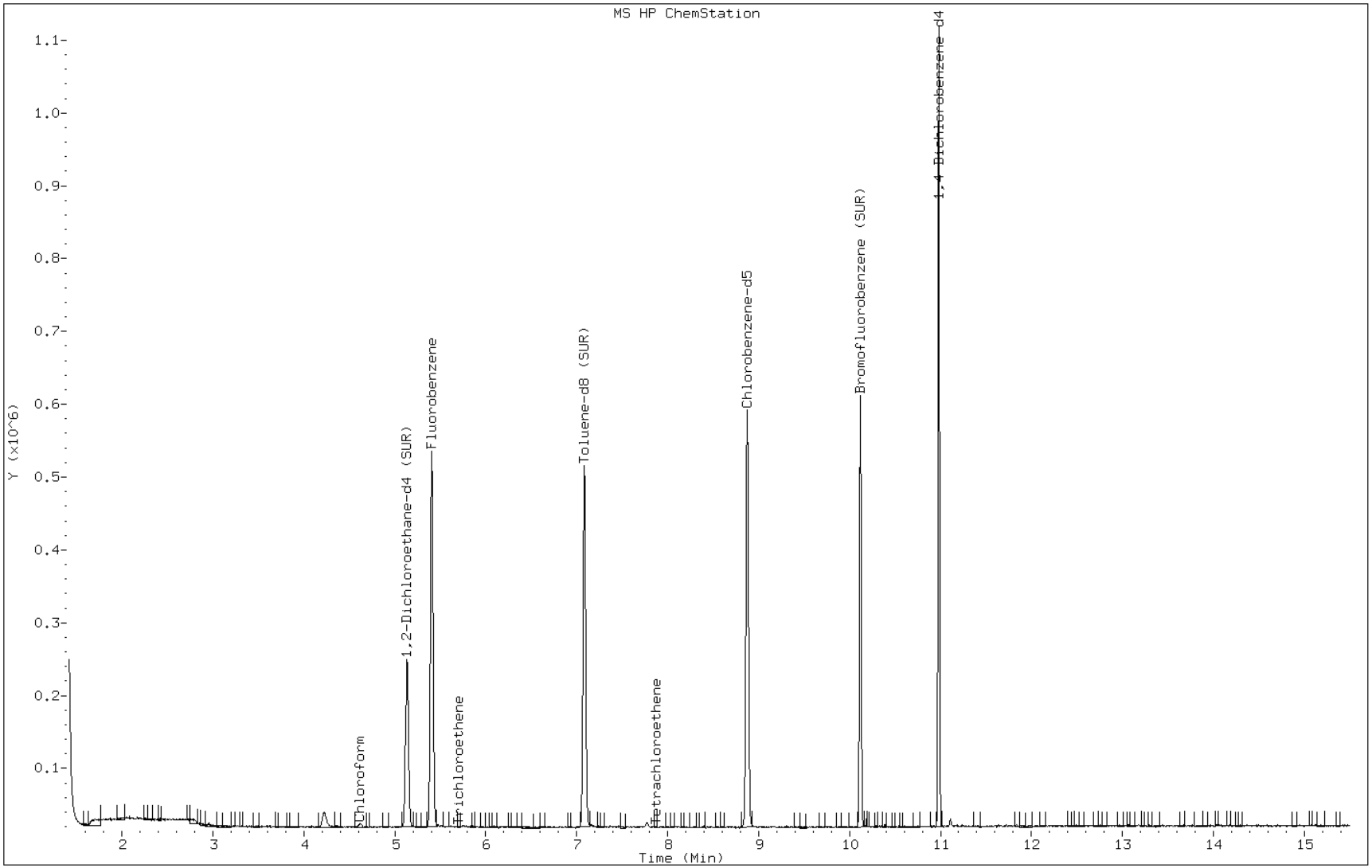
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k10351.d

Date: 06-MAR-2013 15:20

Client ID: 130041-MW11R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-13 Operator:



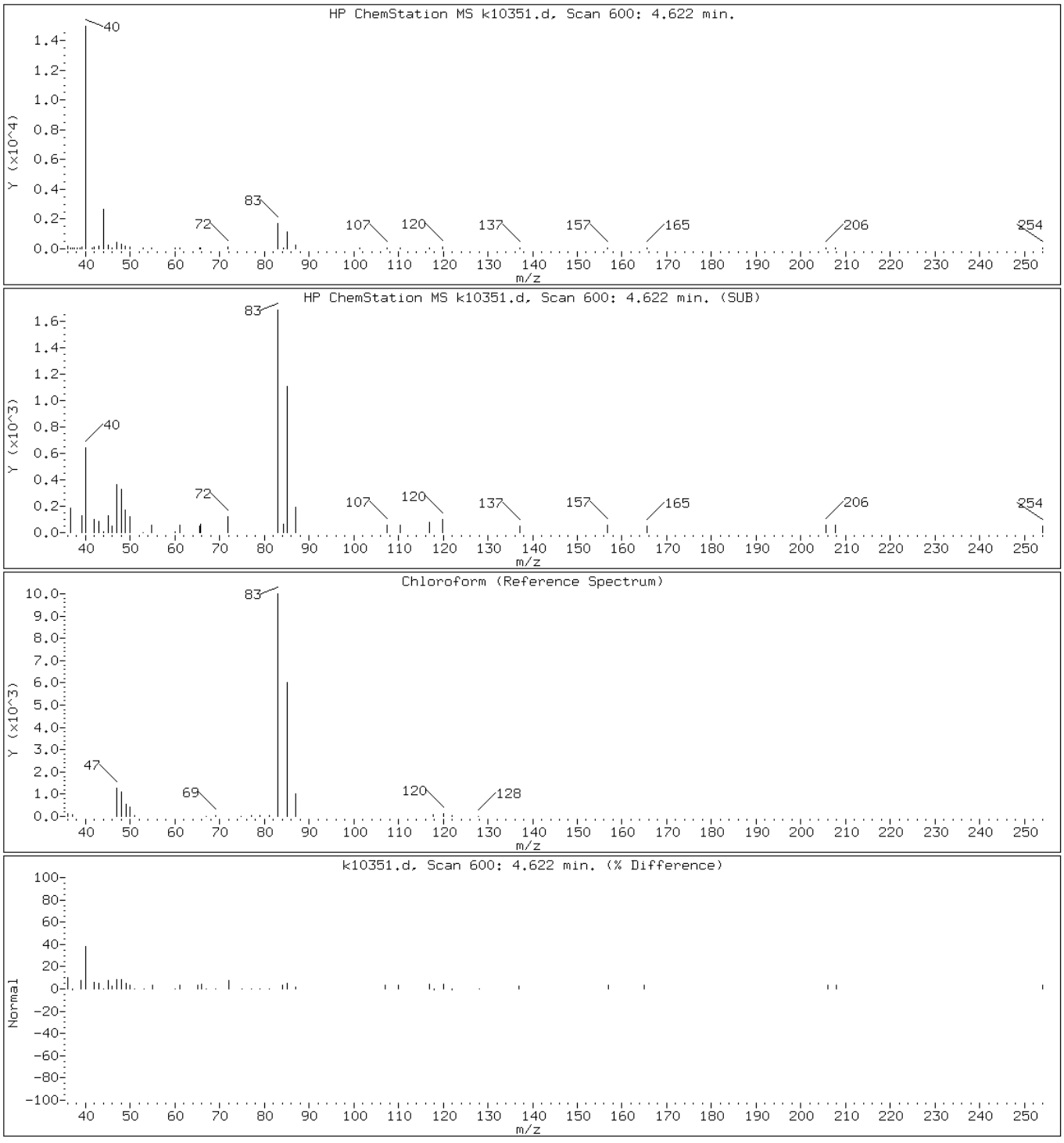
Data File: k10351.d

Date: 06-MAR-2013 15:20

Client ID: 130041-MW11R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-13 Operator:

42 Chloroform



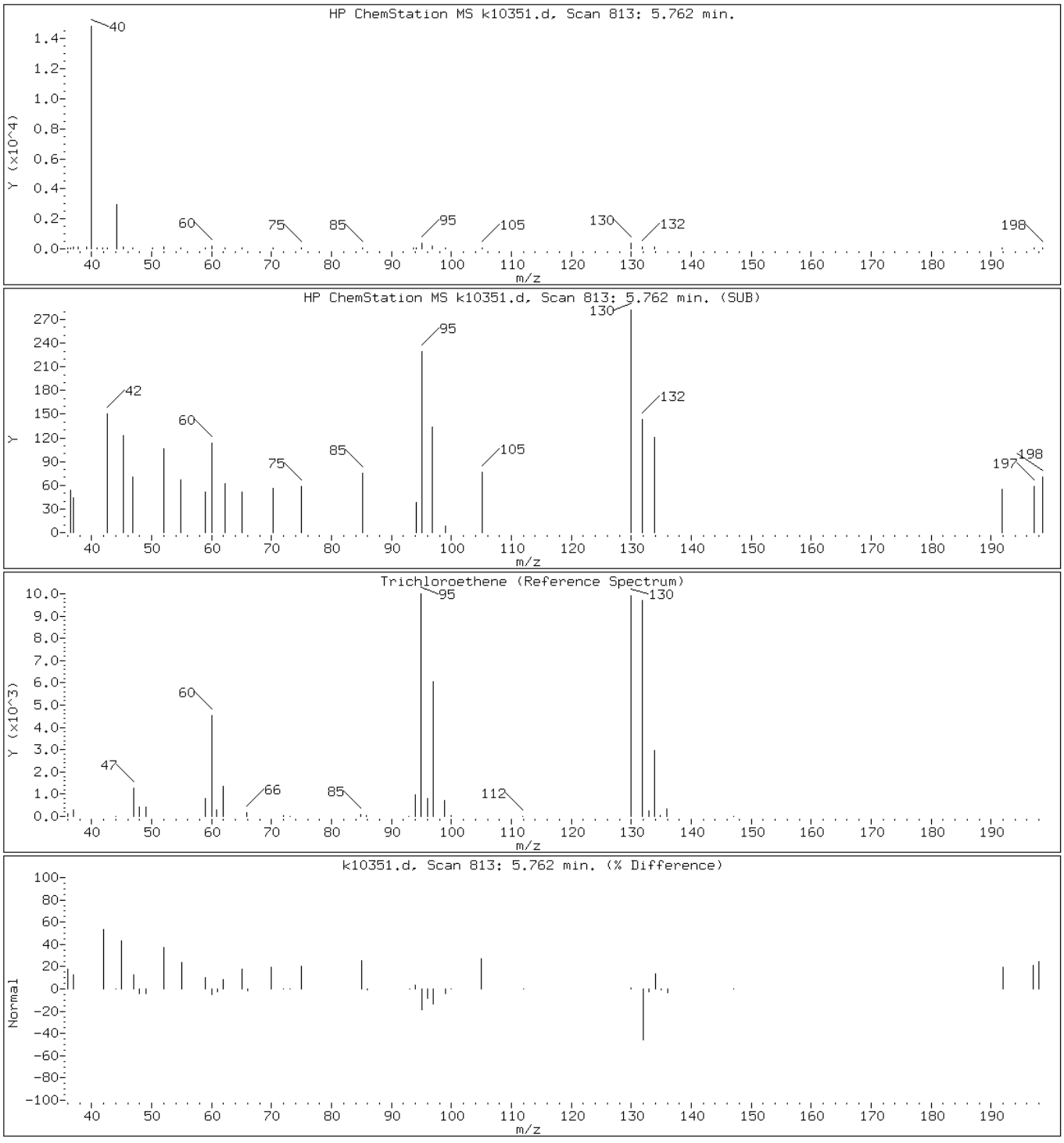
Data File: k10351.d

Date: 06-MAR-2013 15:20

Client ID: 130041-MW11R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-13 Operator:

54 Trichloroethene



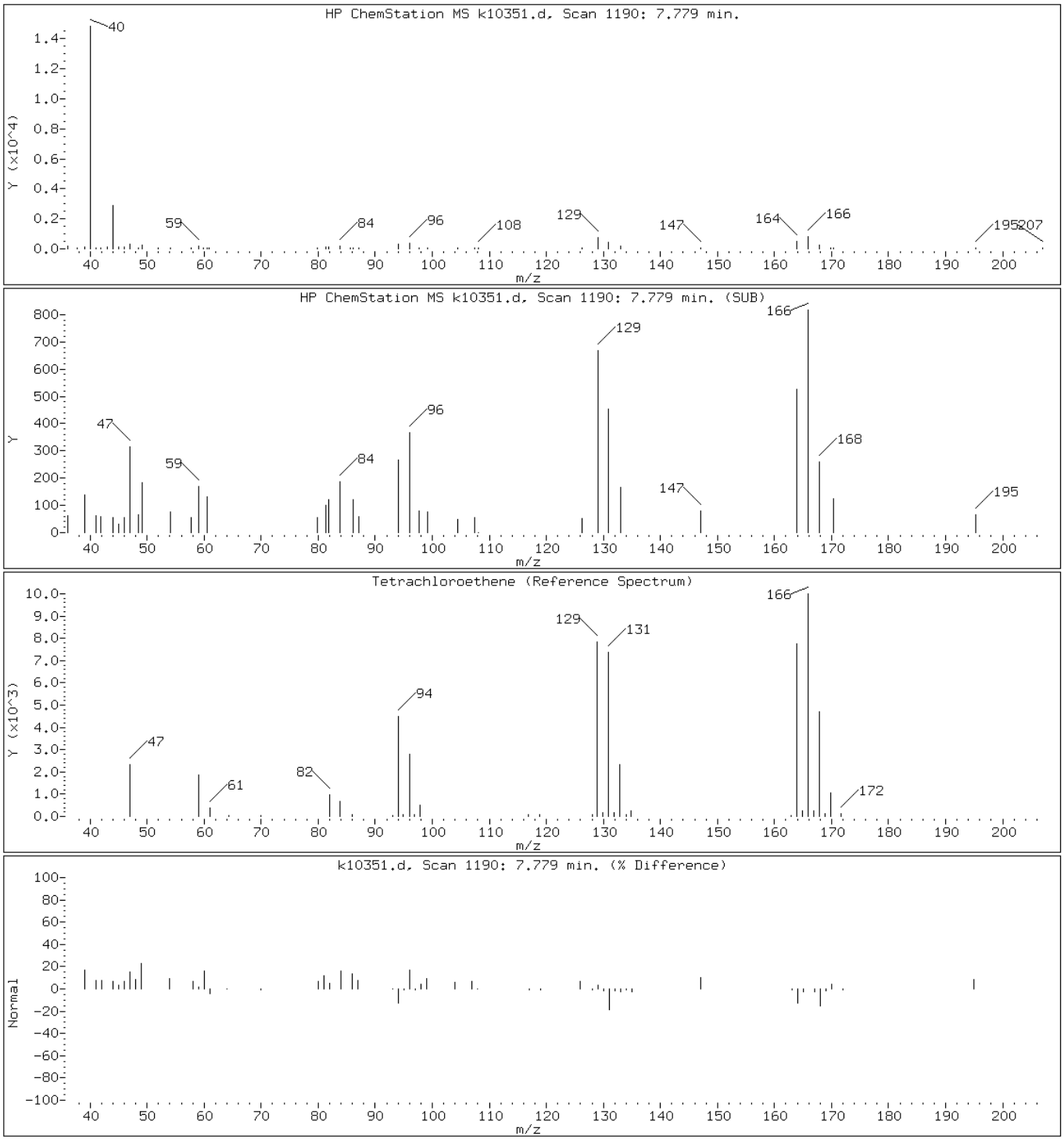
Data File: k10351.d

Date: 06-MAR-2013 15:20

Client ID: 130041-MW11R-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-13 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB5-2-25-13 | Lab Sample ID: 460-51333-14

Matrix: Water | Lab File ID: k10369.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 00:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB5-2-25-13 | Lab Sample ID: 460-51333-14

Matrix: Water | Lab File ID: k10369.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 00:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10369.d
Report Date: 08-Mar-2013 10:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10369.d
Lab Smp Id: 460-51333-C-14 Client Smp ID: 130041-TB5-2-25-13
Inj Date : 07-MAR-2013 00:53
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-14
Misc Info : 460-51333-C-14
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

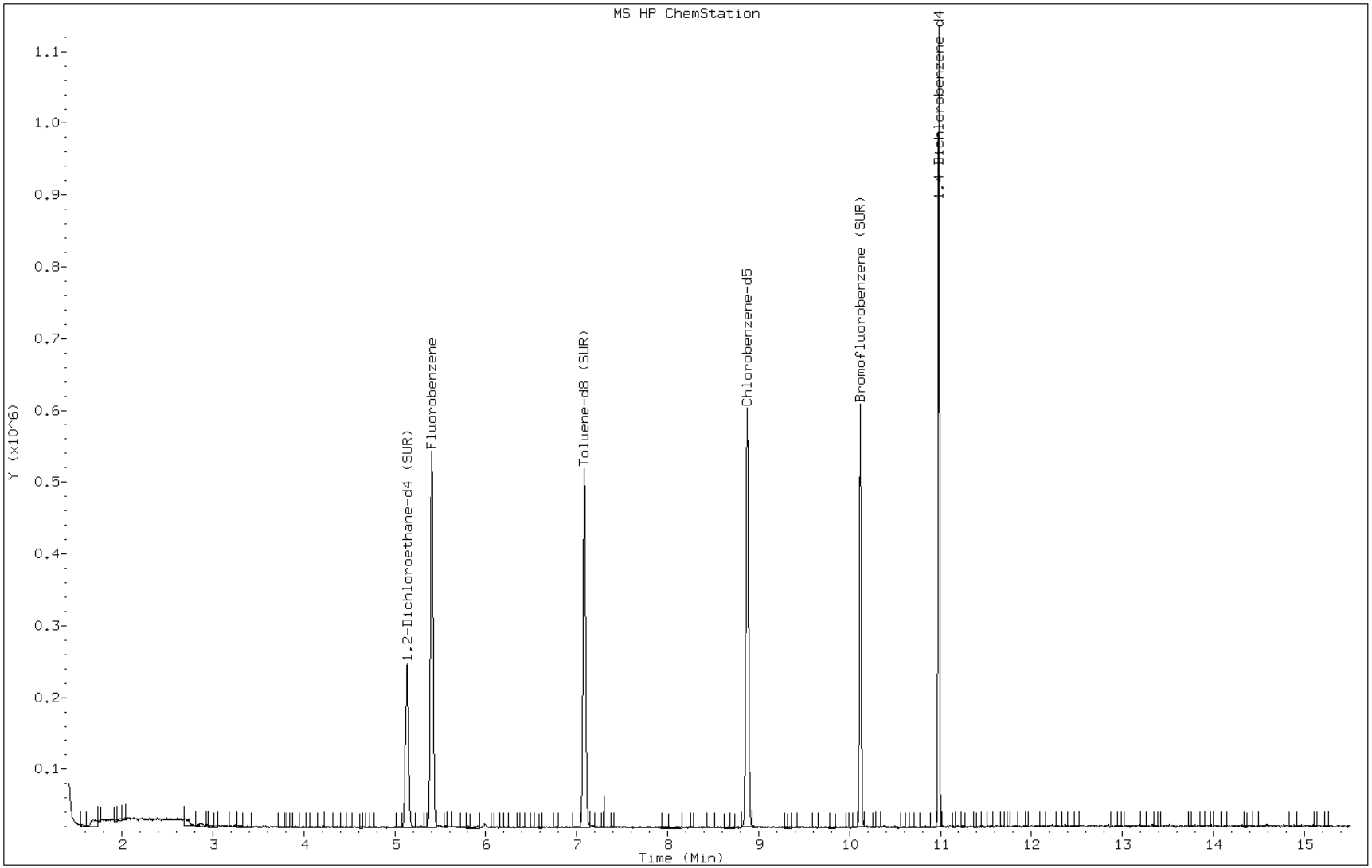
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	170722	56.9644	57
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	465894	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	325321	47.2027	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	318134	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	98484	47.3892	47
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	150051	50.0000	

Data File: k10369.d

Date: 07-MAR-2013 00:53

Client ID: 130041-TB5-2-25-13 Instrument: VOAMS9.i

Sample Info: 460-51333-C-14 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT | Lab Sample ID: 460-51333-15

Matrix: Water | Lab File ID: k10375.d

Analysis Method: 8260B | Date Collected: 02/25/2013 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 03:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT | Lab Sample ID: 460-51333-15

Matrix: Water | Lab File ID: k10375.d

Analysis Method: 8260B | Date Collected: 02/25/2013 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 03:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10375.d
Report Date: 08-Mar-2013 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10375.d
Lab Smp Id: 460-51333-C-15 Client Smp ID: 130041-MW-5-45FT
Inj Date : 07-MAR-2013 03:14
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-15
Misc Info : 460-51333-C-15
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

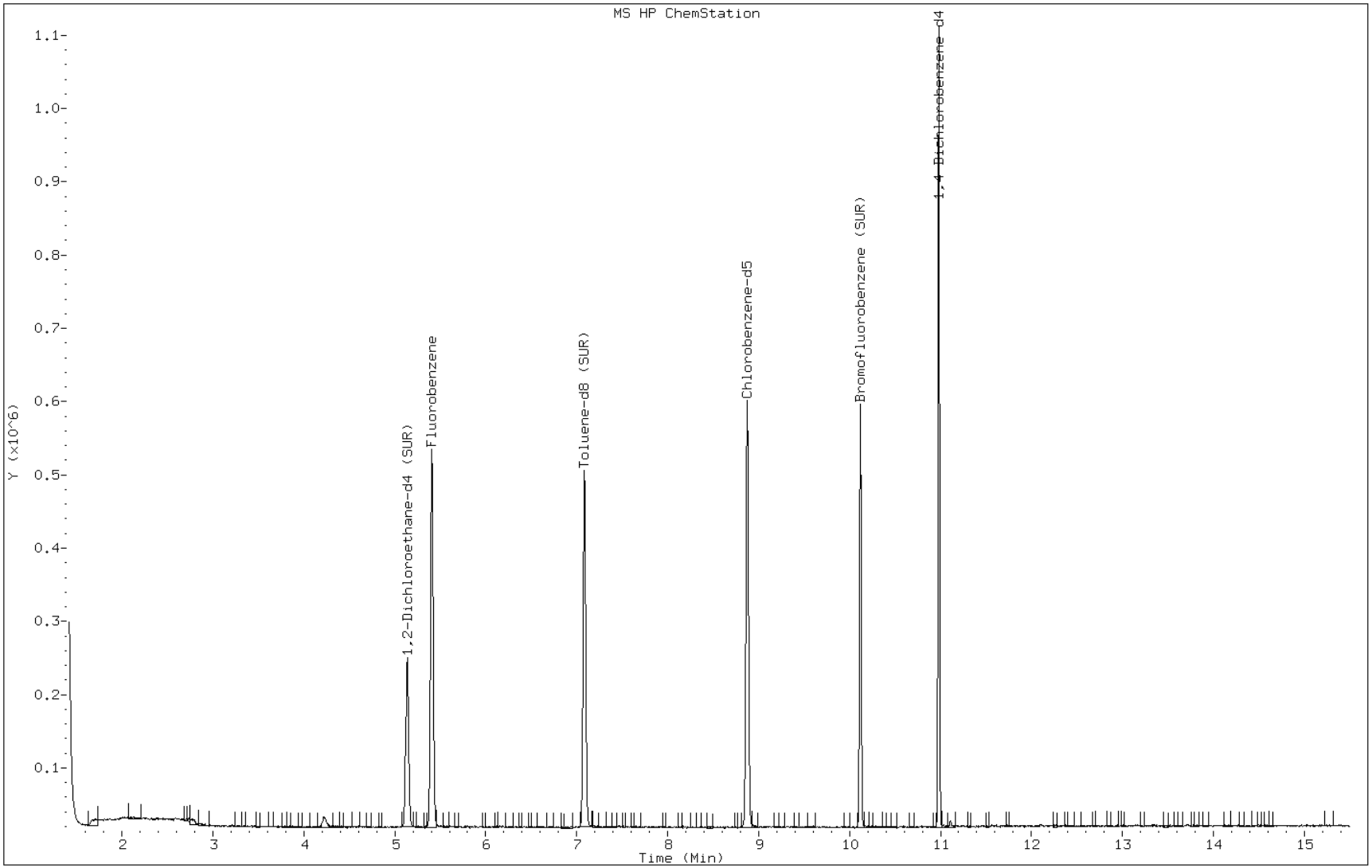
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	169741	57.6465	58
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	457736	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	320111	47.3575	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	312016	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	96046	47.1259	47
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	147154	50.0000	

Data File: k10375.d

Date: 07-MAR-2013 03:14

Client ID: 130041-MW-5-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-15 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT | Lab Sample ID: 460-51333-16

Matrix: Water | Lab File ID: k10382.d

Analysis Method: 8260B | Date Collected: 02/25/2013 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 06:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.22	J	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.5		1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	2.5		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT | Lab Sample ID: 460-51333-16

Matrix: Water | Lab File ID: k10382.d

Analysis Method: 8260B | Date Collected: 02/25/2013 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 06:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10382.d
Report Date: 07-Mar-2013 20:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10382.d
Lab Smp Id: 460-51333-C-16 Client Smp ID: 130041-MW-6-55FT
Inj Date : 07-MAR-2013 06:16
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-16
Misc Info : 460-51333-C-16
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:09 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	43 1,1,1-Trichloroethane	97	4.767	4.778	(0.881)	900	0.21580	0.22(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	172624	57.8455	58
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	463909	50.0000	
	54 Trichloroethene	95	5.762	5.762	(1.065)	4268	1.47804	1.5
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	325589	47.4891	47
	71 Tetrachloroethene	166	7.773	7.773	(0.876)	5104	2.54644	2.5
*	78 Chlorobenzene-d5	117	8.875	8.875	(1.000)	316476	50.0000	
$	89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	98945	47.9716	48
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	148923	50.0000	

QC Flag Legend

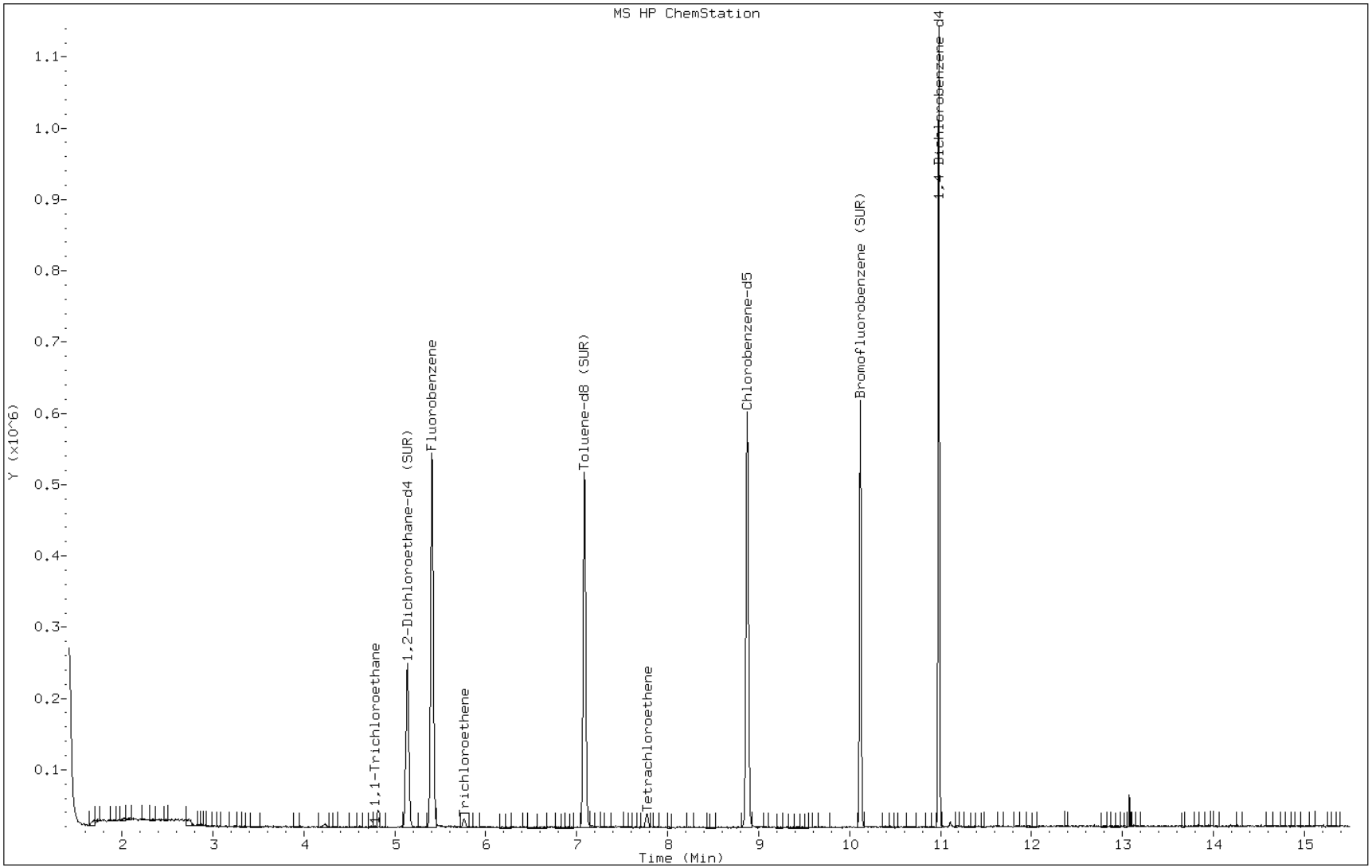
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k10382.d

Date: 07-MAR-2013 06:16

Client ID: 130041-MW-6-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-16 Operator:



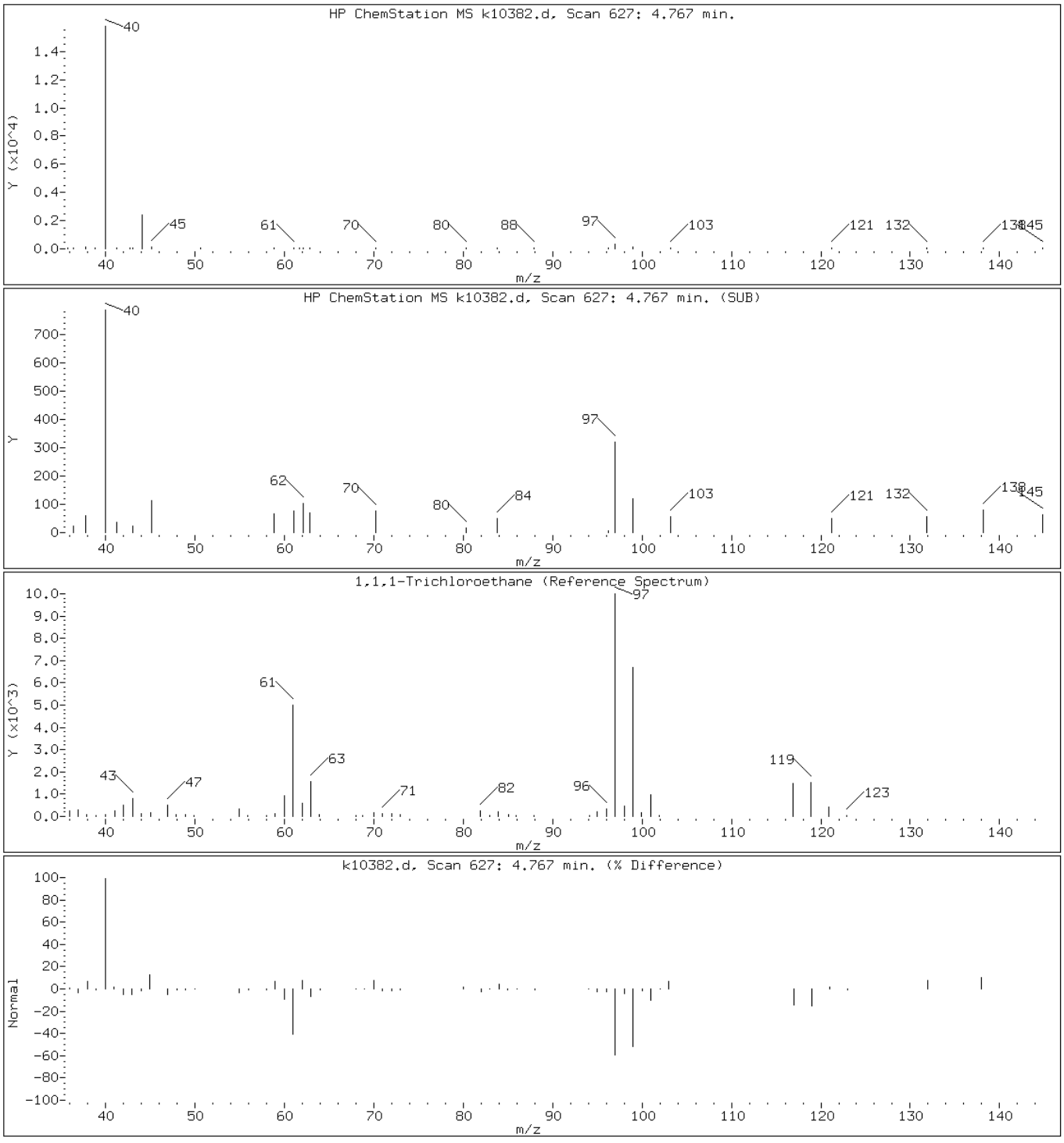
Data File: k10382.d

Date: 07-MAR-2013 06:16

Client ID: 130041-MW-6-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-16 Operator:

43 1,1,1-Trichloroethane



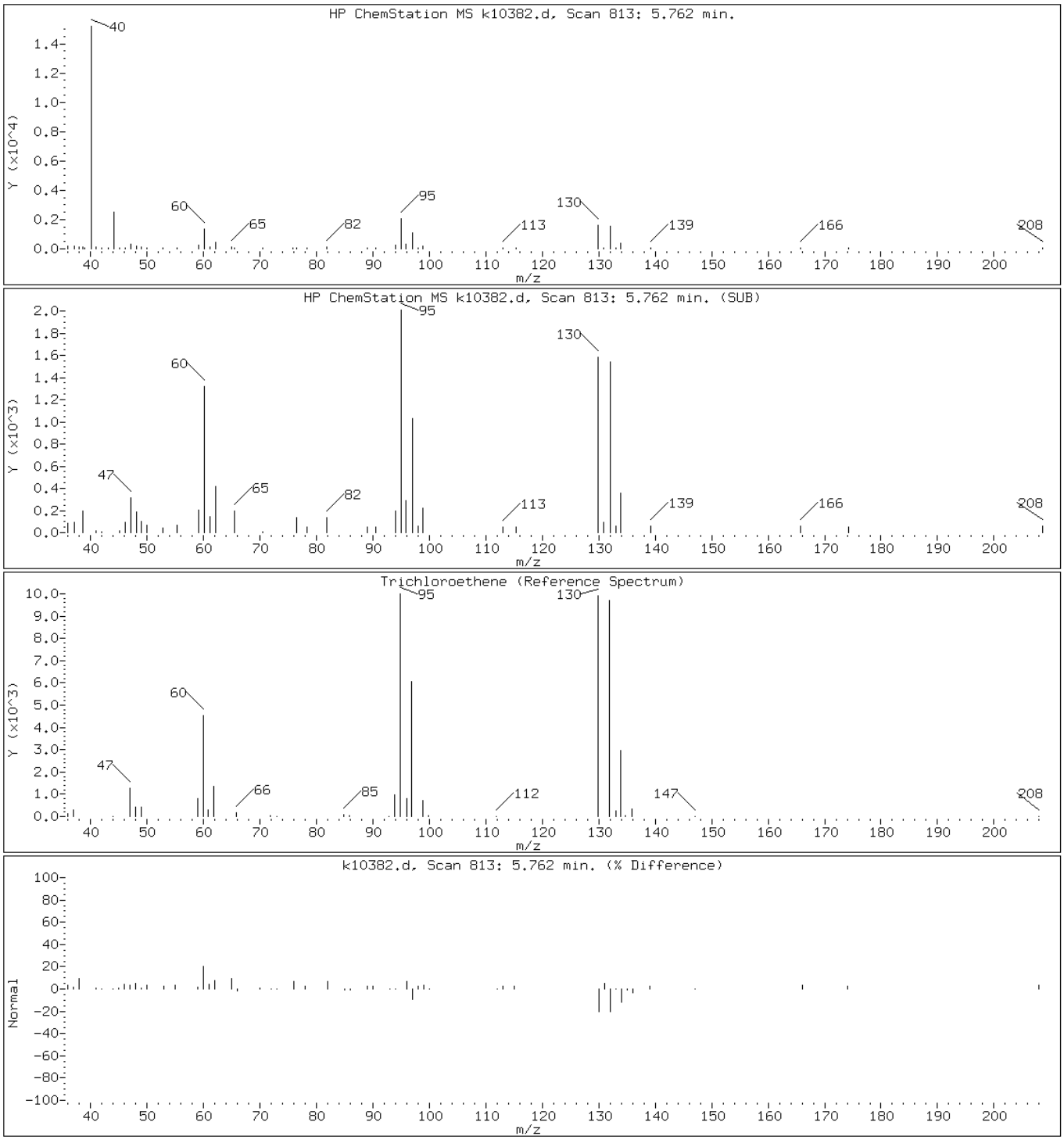
Data File: k10382.d

Date: 07-MAR-2013 06:16

Client ID: 130041-MW-6-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-16 Operator:

54 Trichloroethene



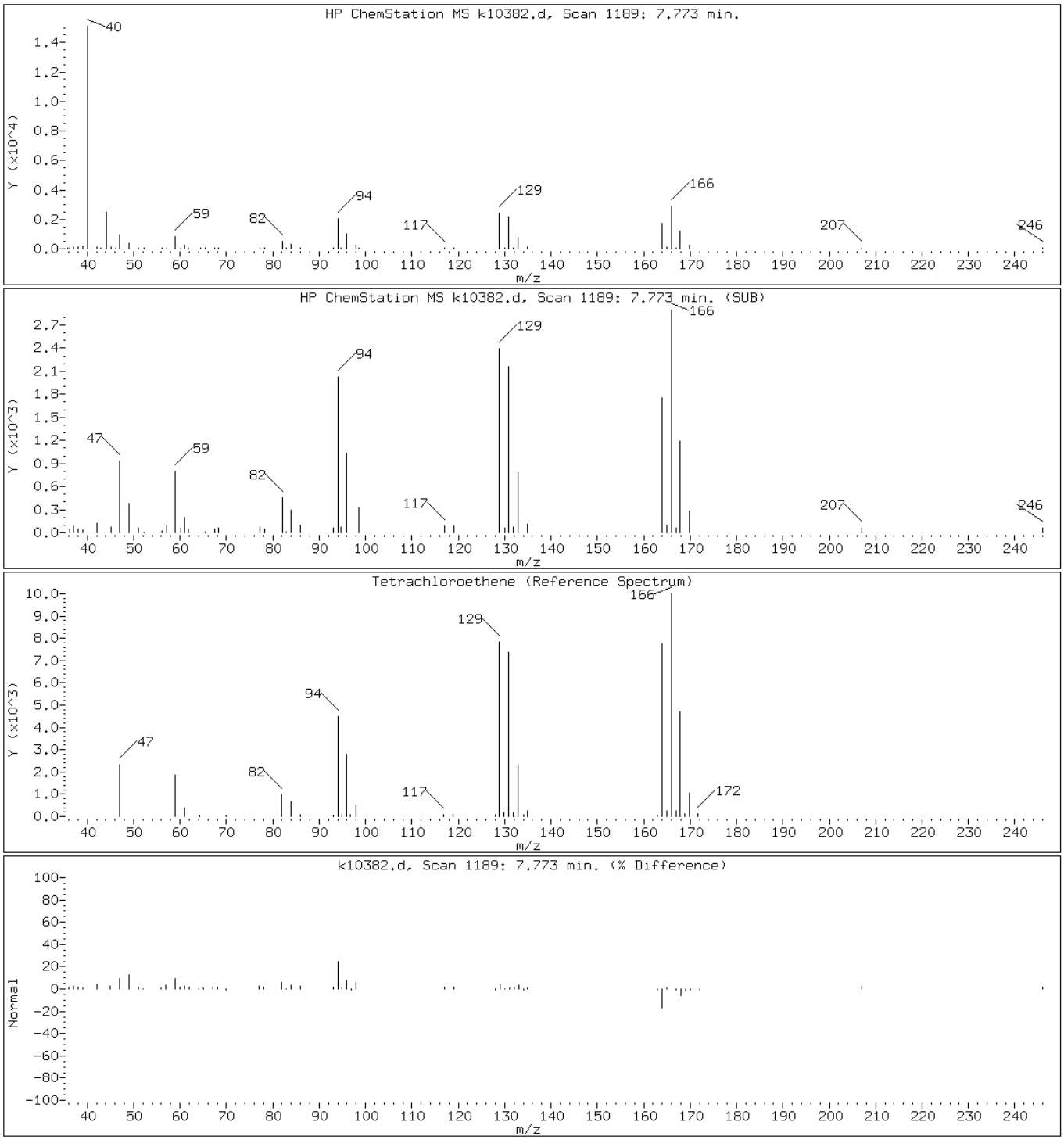
Data File: k10382.d

Date: 07-MAR-2013 06:16

Client ID: 130041-MW-6-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-16 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB6-2-25-13 | Lab Sample ID: 460-51333-17

Matrix: Water | Lab File ID: k10370.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 01:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB6-2-25-13 | Lab Sample ID: 460-51333-17

Matrix: Water | Lab File ID: k10370.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 01:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10370.d
Report Date: 08-Mar-2013 10:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10370.d
Lab Smp Id: 460-51333-C-17 Client Smp ID: 130041-TB6-2-25-13
Inj Date : 07-MAR-2013 01:17
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-17
Misc Info : 460-51333-C-17
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

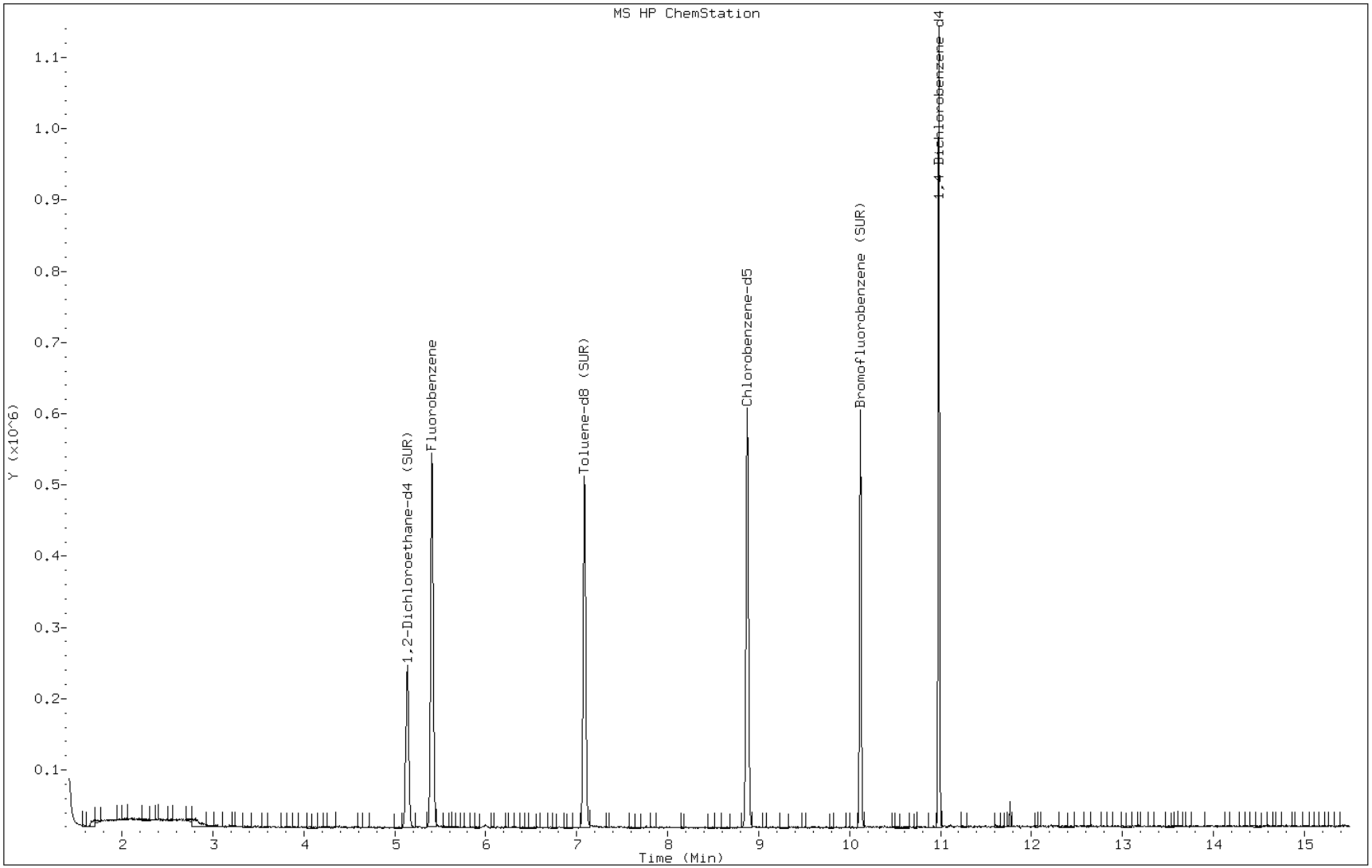
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	167921	56.7085	57
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	460318	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	322057	47.5038	48
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	312946	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	98676	47.4253	47
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	150229	50.0000	

Data File: k10370.d

Date: 07-MAR-2013 01:17

Client ID: 130041-TB6-2-25-13 Instrument: VOAMS9.i

Sample Info: 460-51333-C-17 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT | Lab Sample ID: 460-51333-18

Matrix: Water | Lab File ID: k10383.d

Analysis Method: 8260B | Date Collected: 02/25/2013 12:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 06:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	0.13	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT | Lab Sample ID: 460-51333-18

Matrix: Water | Lab File ID: k10383.d

Analysis Method: 8260B | Date Collected: 02/25/2013 12:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 06:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10383.d
Report Date: 08-Mar-2013 10:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10383.d
Lab Smp Id: 460-51333-C-18 Client Smp ID: 130041-MW-1-45FT
Inj Date : 07-MAR-2013 06:39
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-18
Misc Info : 460-51333-C-18
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:09 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
42 Chloroform	83	4.628	4.628	(0.856)	711	0.12644	0.13(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	170817	57.7950	58
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	459454	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	324509	47.1767	47
* 78 Chlorobenzene-d5	117	8.875	8.875	(1.000)	317515	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	98563	48.1681	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	147743	50.0000	

QC Flag Legend

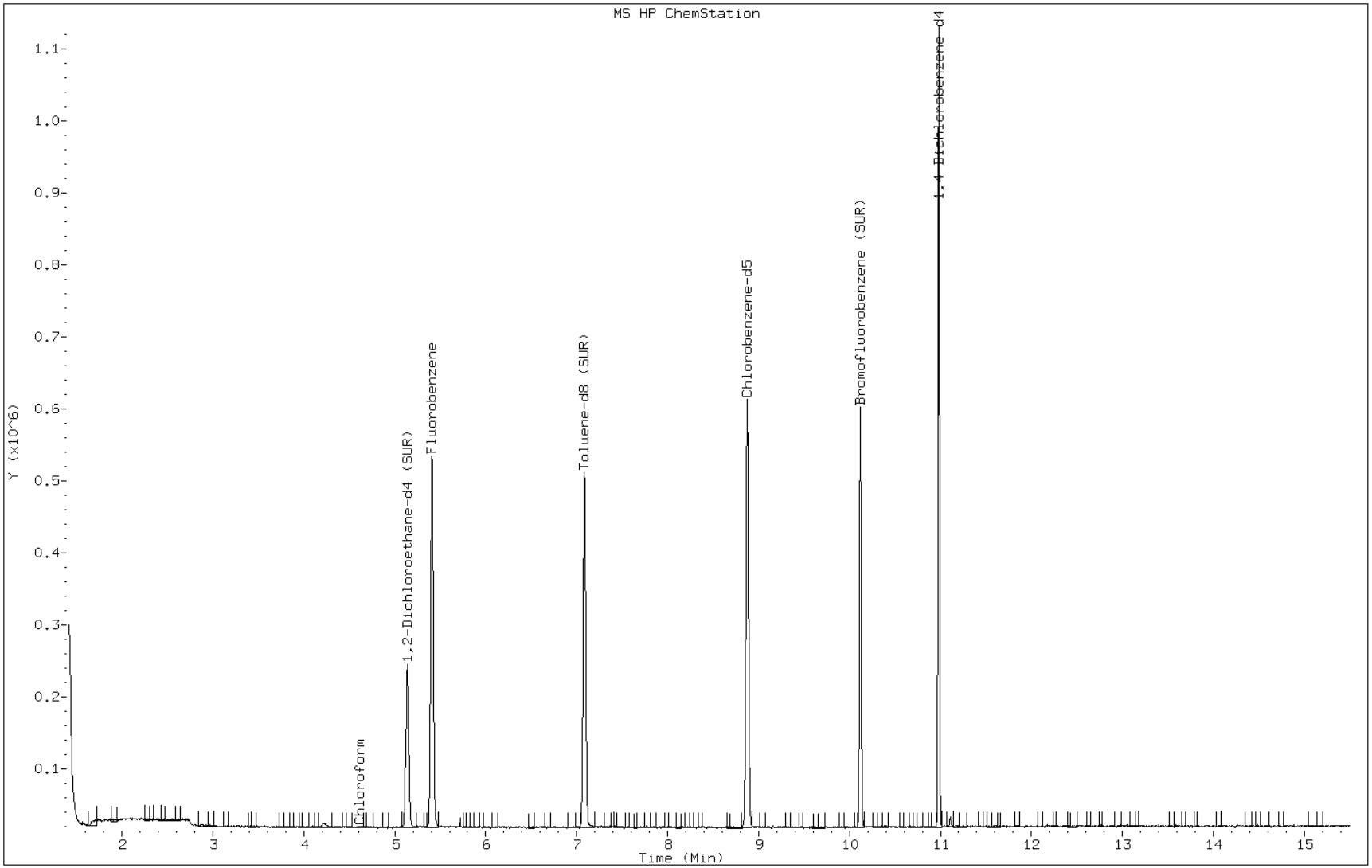
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k10383.d

Date: 07-MAR-2013 06:39

Client ID: 130041-MW-1-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-18 Operator:



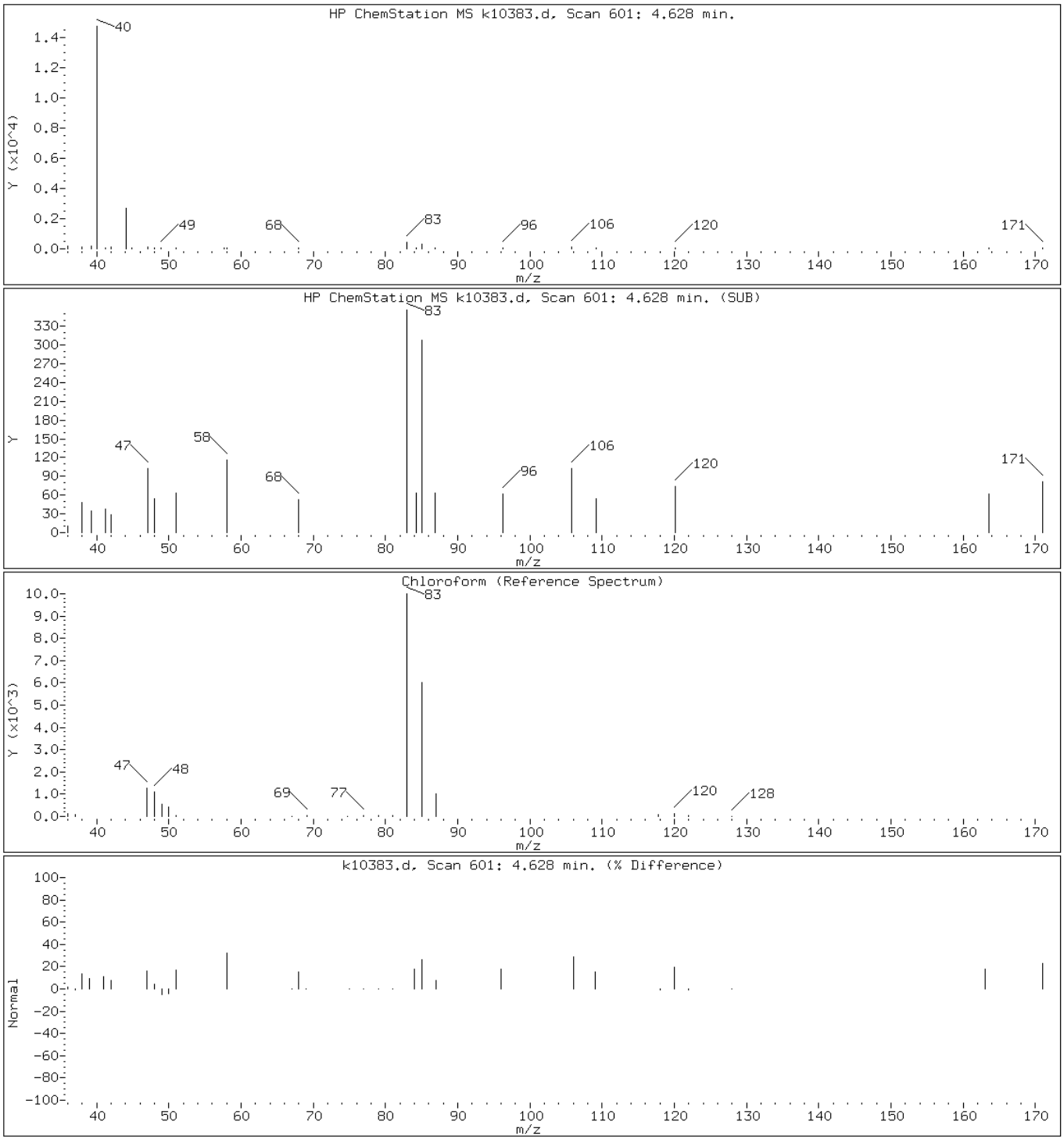
Data File: k10383.d

Date: 07-MAR-2013 06:39

Client ID: 130041-MW-1-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-18 Operator:

42 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT | Lab Sample ID: 460-51333-19

Matrix: Water | Lab File ID: k10384.d

Analysis Method: 8260B | Date Collected: 02/25/2013 18:23

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 07:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.16	J	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT | Lab Sample ID: 460-51333-19

Matrix: Water | Lab File ID: k10384.d

Analysis Method: 8260B | Date Collected: 02/25/2013 18:23

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 07:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10384.d
Report Date: 07-Mar-2013 20:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10384.d
Lab Smp Id: 460-51333-C-19 Client Smp ID: 130041-MW-9S-40FT
Inj Date : 07-MAR-2013 07:03
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-19
Misc Info : 460-51333-C-19
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:09 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	165094	57.4459	57
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	446759	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	314245	47.5745	48
71 Tetrachloroethene	166	7.779	7.773	(0.877)	300	0.15536	0.16(a)
* 78 Chlorobenzene-d5	117	8.870	8.875	(1.000)	304901	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	95716	47.8189	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	144523	50.0000	

QC Flag Legend

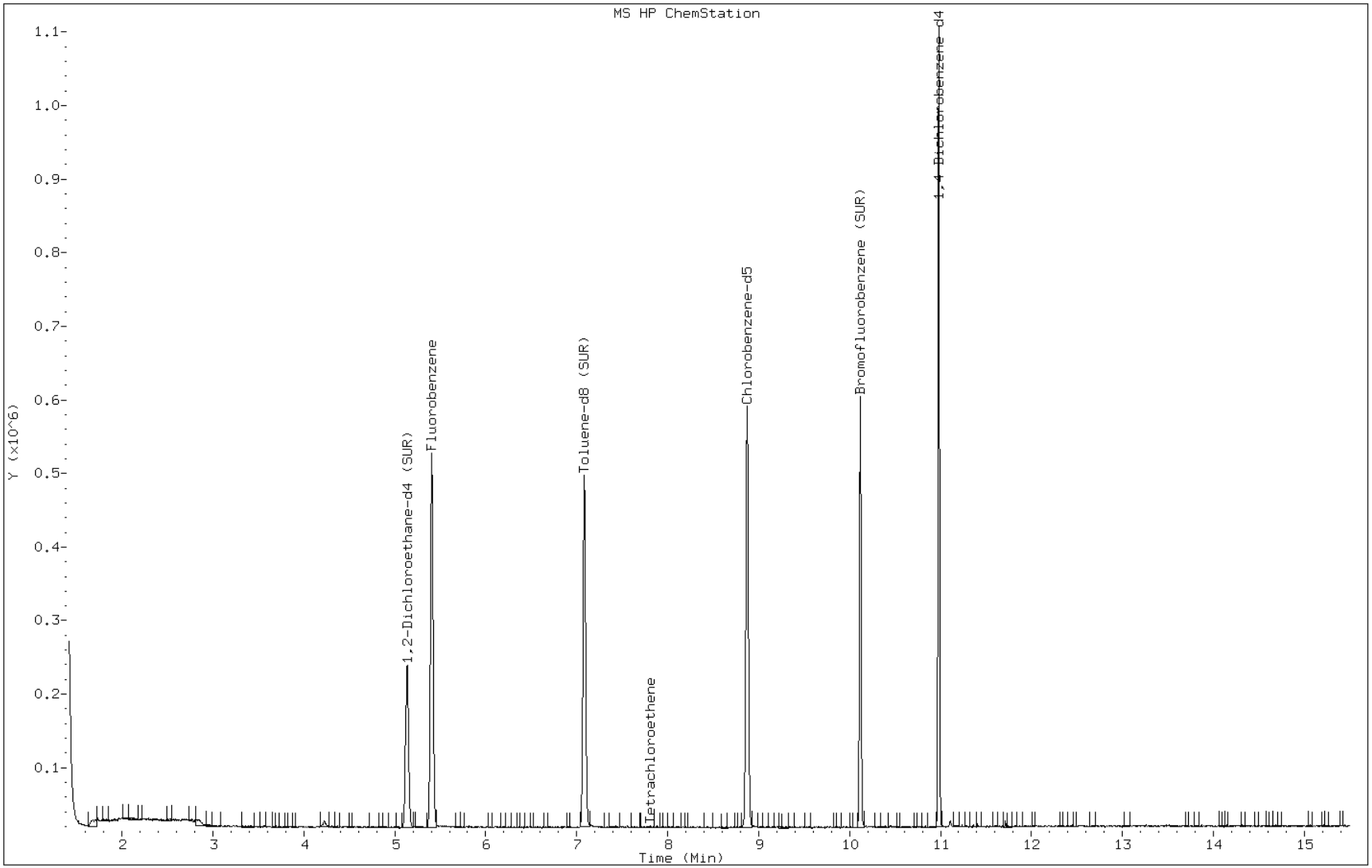
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k10384.d

Date: 07-MAR-2013 07:03

Client ID: 130041-MW-9S-40FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-19 Operator:



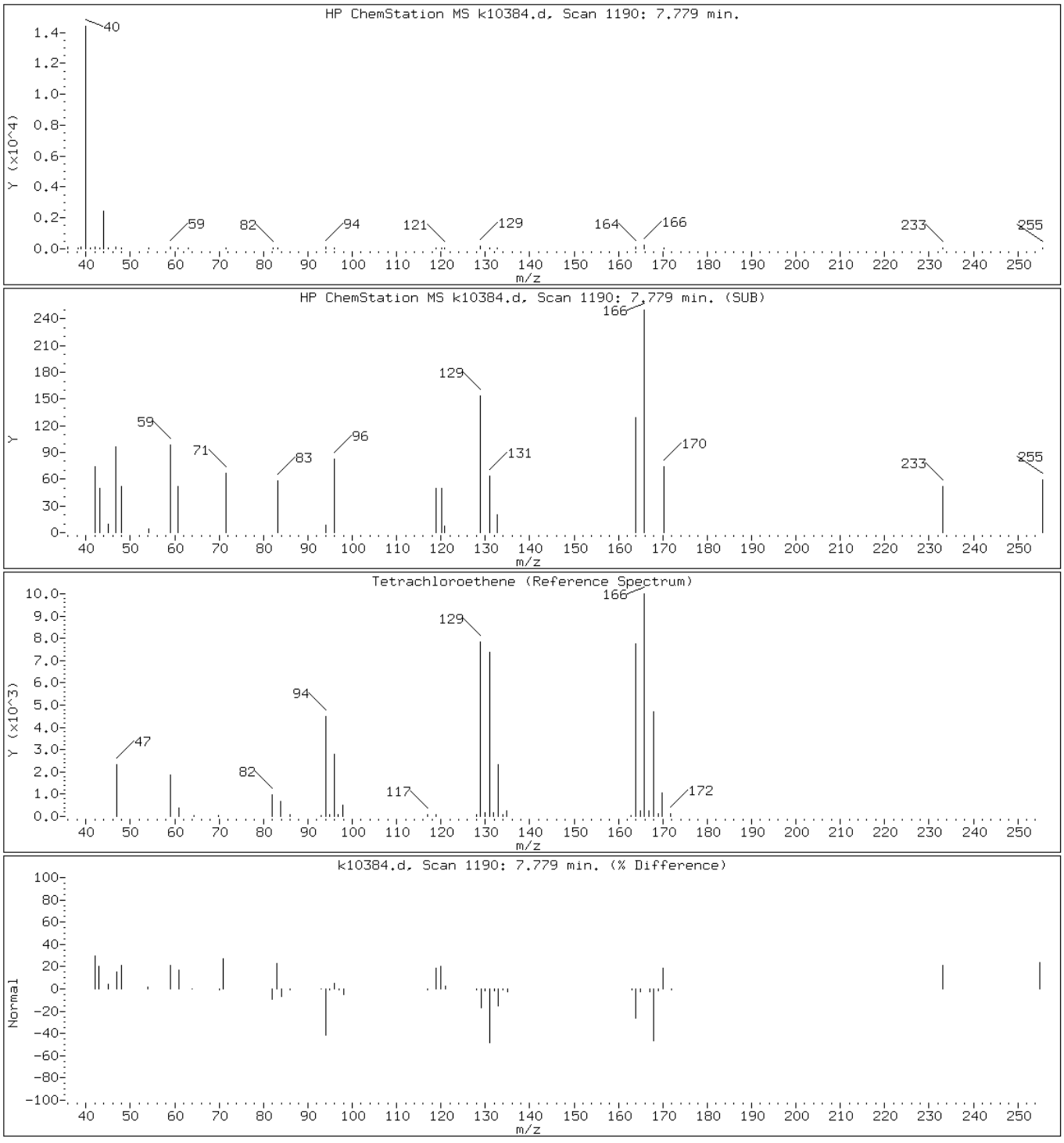
Data File: k10384.d

Date: 07-MAR-2013 07:03

Client ID: 130041-MW-9S-40FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-19 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB7-2-25-13 | Lab Sample ID: 460-51333-20

Matrix: Water | Lab File ID: k10371.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 01:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB7-2-25-13 | Lab Sample ID: 460-51333-20

Matrix: Water | Lab File ID: k10371.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 01:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	94		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10371.d
Report Date: 08-Mar-2013 10:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10371.d
Lab Smp Id: 460-51333-C-20 Client Smp ID: 130041-TB7-2-25-13
Inj Date : 07-MAR-2013 01:40
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-20
Misc Info : 460-51333-C-20
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

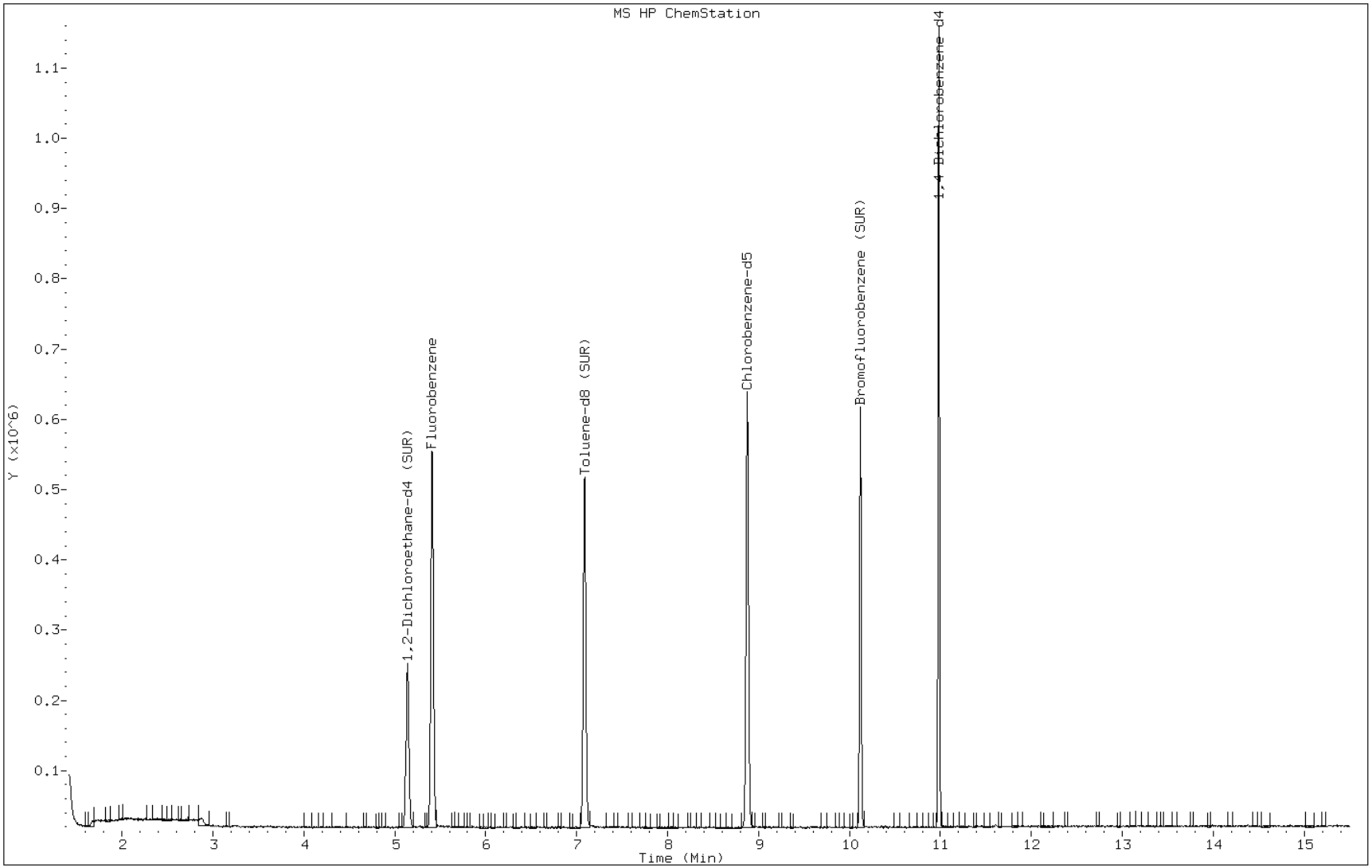
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	173425	56.7405	57
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	475138	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.089	7.083	(0.799)	328807	46.9287	47
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	323420	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	98864	46.9976	47
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	151885	50.0000	

Data File: k10371.d

Date: 07-MAR-2013 01:40

Client ID: 130041-TB7-2-25-13 Instrument: VOAMS9.i

Sample Info: 460-51333-C-20 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT | Lab Sample ID: 460-51333-21

Matrix: Water | Lab File ID: k10385.d

Analysis Method: 8260B | Date Collected: 02/25/2013 10:23

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 07:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.37	J	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	0.35	J	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	2.2		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT | Lab Sample ID: 460-51333-21

Matrix: Water | Lab File ID: k10385.d

Analysis Method: 8260B | Date Collected: 02/25/2013 10:23

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 07:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10385.d
Report Date: 07-Mar-2013 20:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10385.d
Lab Smp Id: 460-51333-C-21 Client Smp ID: 130041-MW-7D-55FT
Inj Date : 07-MAR-2013 07:27
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-21
Misc Info : 460-51333-C-21
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:09 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	43 1,1,1-Trichloroethane	97	4.778	4.778	(0.883)	1567	0.37456	0.37(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	170948	57.1052	57
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	465361	50.0000	
	54 Trichloroethene	95	5.767	5.762	(1.066)	1008	0.34799	0.35(a)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	321950	46.6690	47
	71 Tetrachloroethene	166	7.779	7.773	(0.876)	4382	2.17276	2.2(H)
*	78 Chlorobenzene-d5	117	8.876	8.875	(1.000)	318438	50.0000	
$	89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	99327	48.5470	48
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	147726	50.0000	

QC Flag Legend

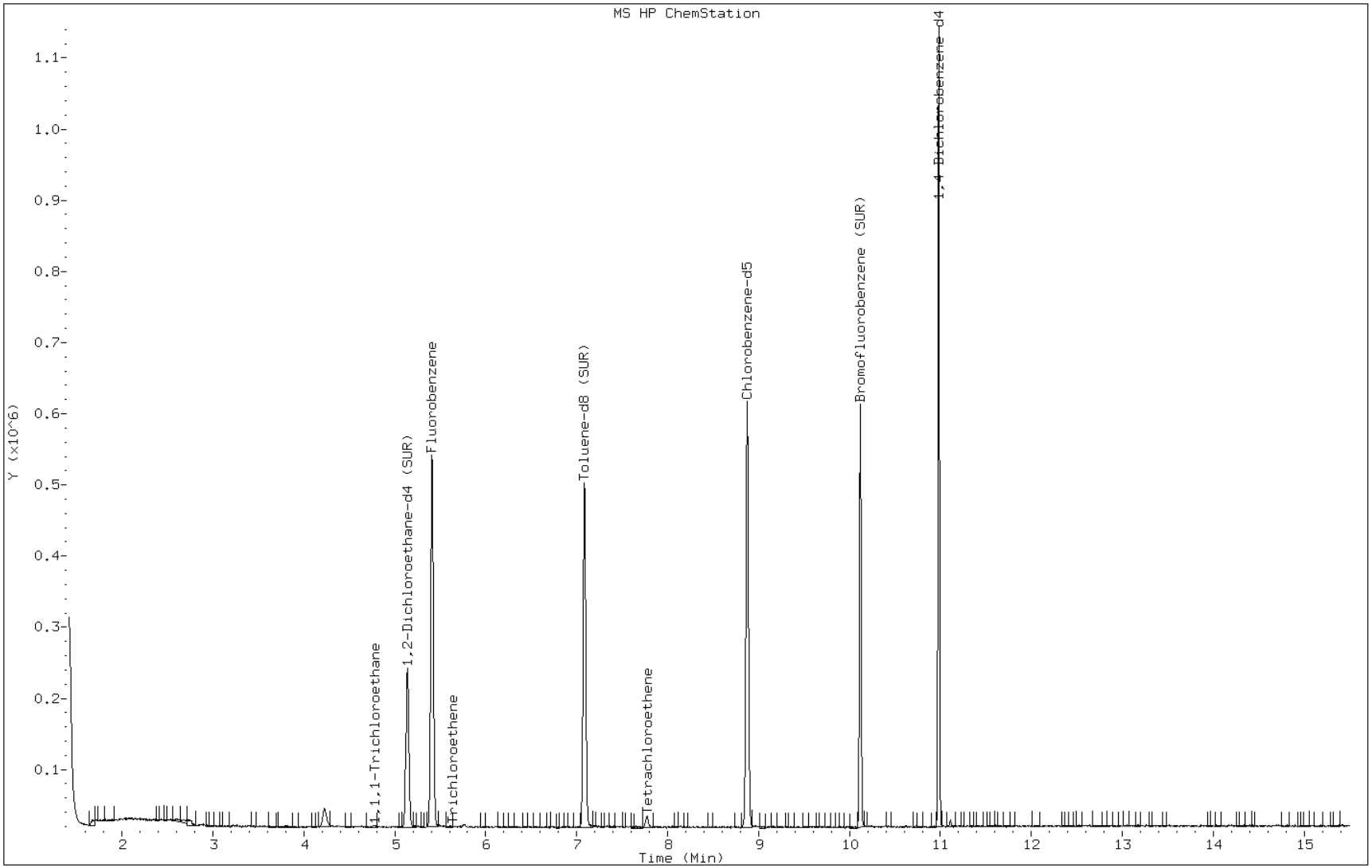
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: k10385.d

Date: 07-MAR-2013 07:27

Client ID: 130041-MW-7D-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-21 Operator:



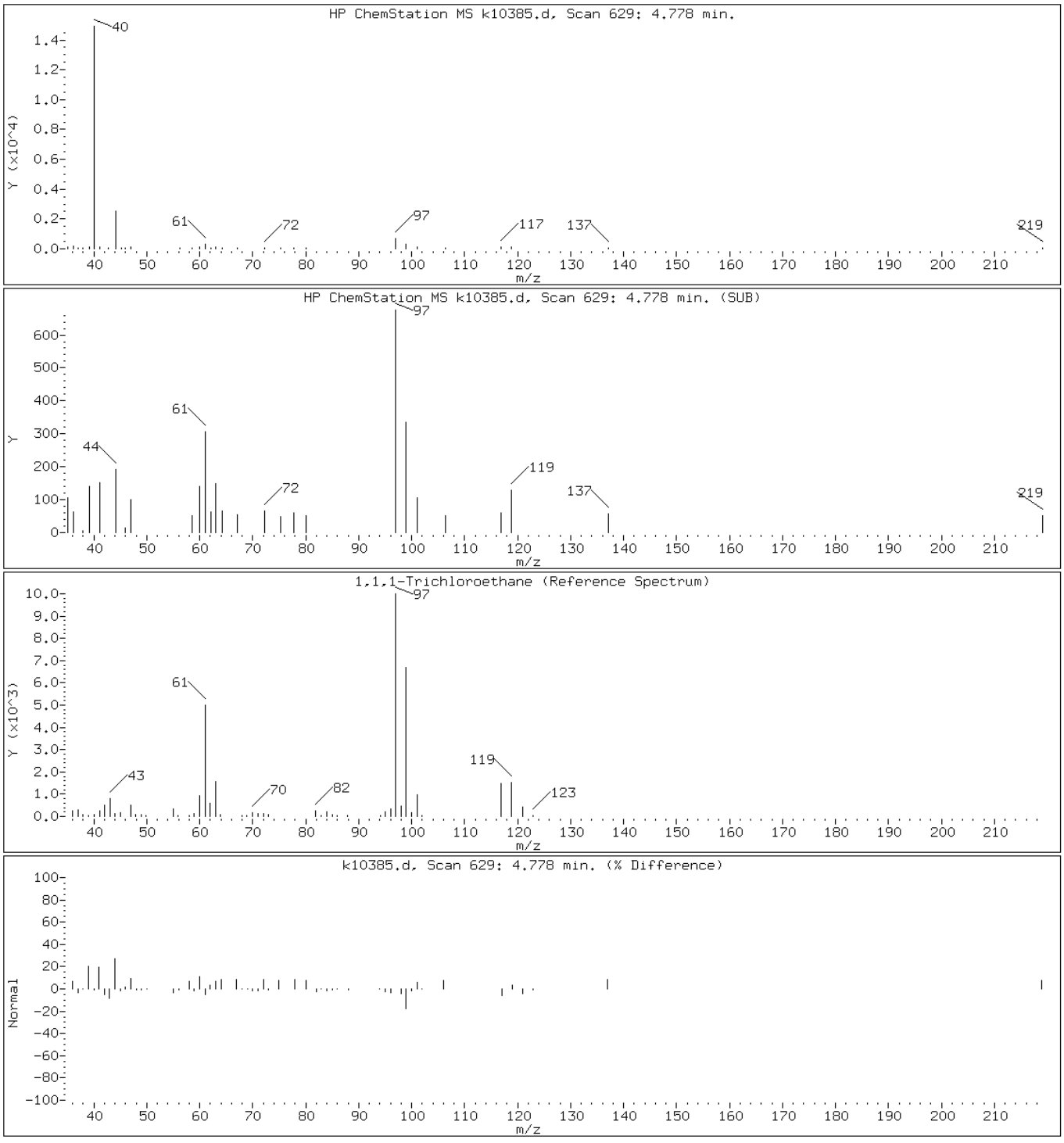
Data File: k10385.d

Date: 07-MAR-2013 07:27

Client ID: 130041-MW-7D-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-21 Operator:

43 1,1,1-Trichloroethane



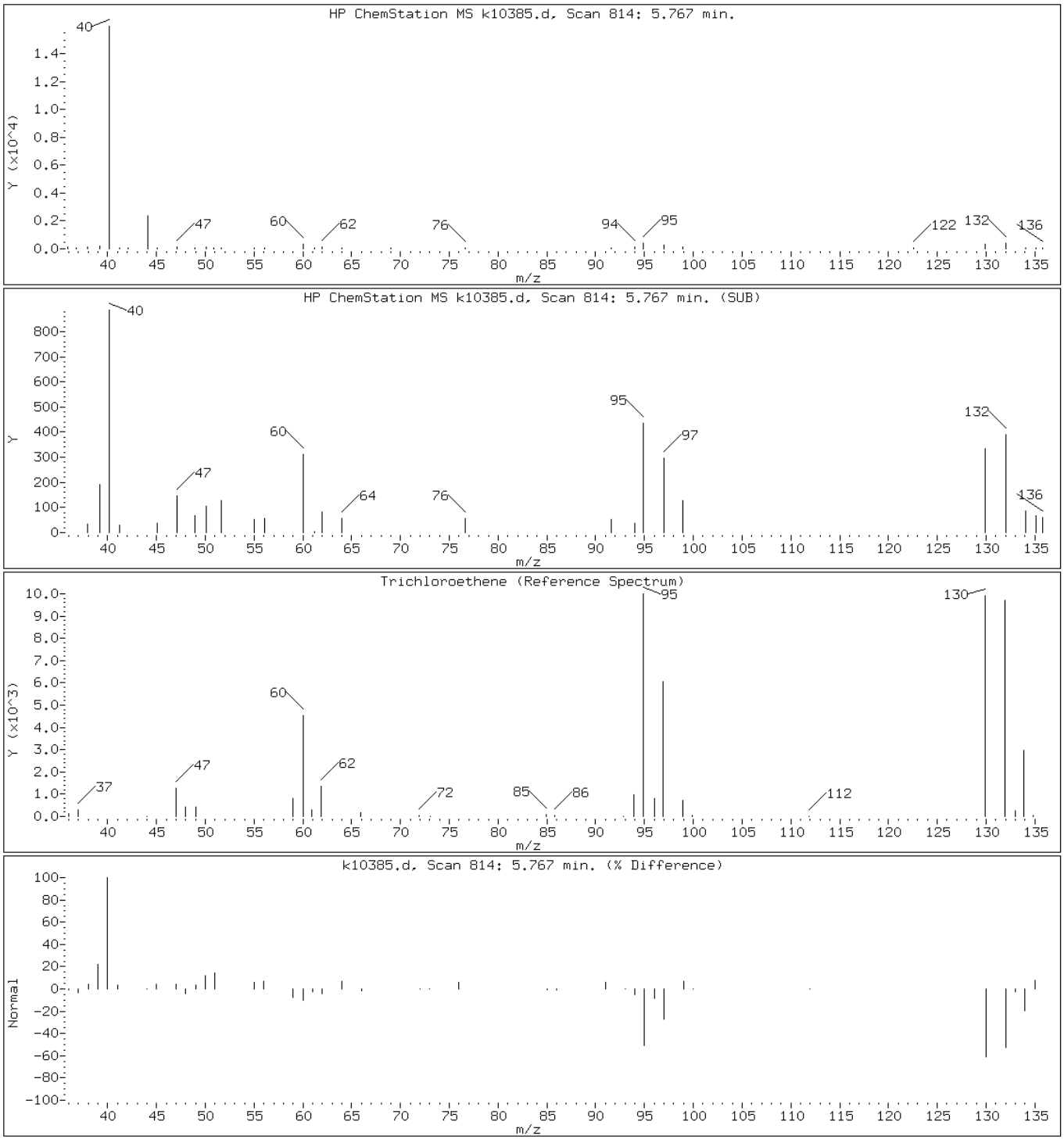
Data File: k10385.d

Date: 07-MAR-2013 07:27

Client ID: 130041-MW-7D-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-21 Operator:

54 Trichloroethene



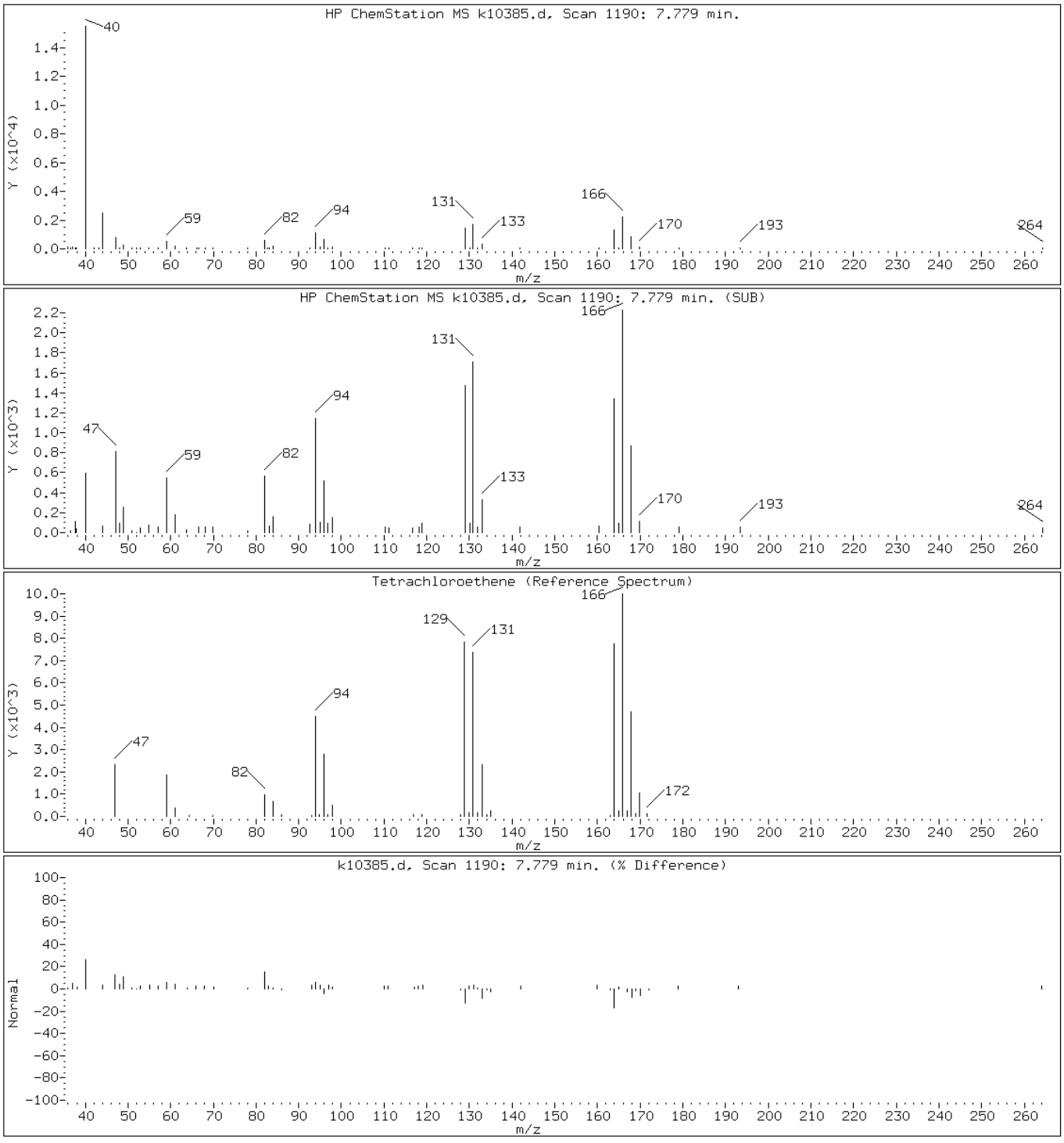
Data File: k10385.d

Date: 07-MAR-2013 07:27

Client ID: 130041-MW-7D-55FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-21 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB8-2-25-13 | Lab Sample ID: 460-51333-22

Matrix: Water | Lab File ID: k10372.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 02:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-TB8-2-25-13 | Lab Sample ID: 460-51333-22

Matrix: Water | Lab File ID: k10372.d

Analysis Method: 8260B | Date Collected: 02/25/2013 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 02:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10372.d
Report Date: 08-Mar-2013 10:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10372.d
Lab Smp Id: 460-51333-A-22 Client Smp ID: 130041-TB8-2-25-13
Inj Date : 07-MAR-2013 02:04
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-A-22
Misc Info : 460-51333-A-22
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)	
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	177151	57.5569	58	
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	478462	50.0000		(H)
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	333141	47.4402	47	
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	324150	50.0000		
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	99736	48.2589	48	
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	149220	50.0000		

QC Flag Legend

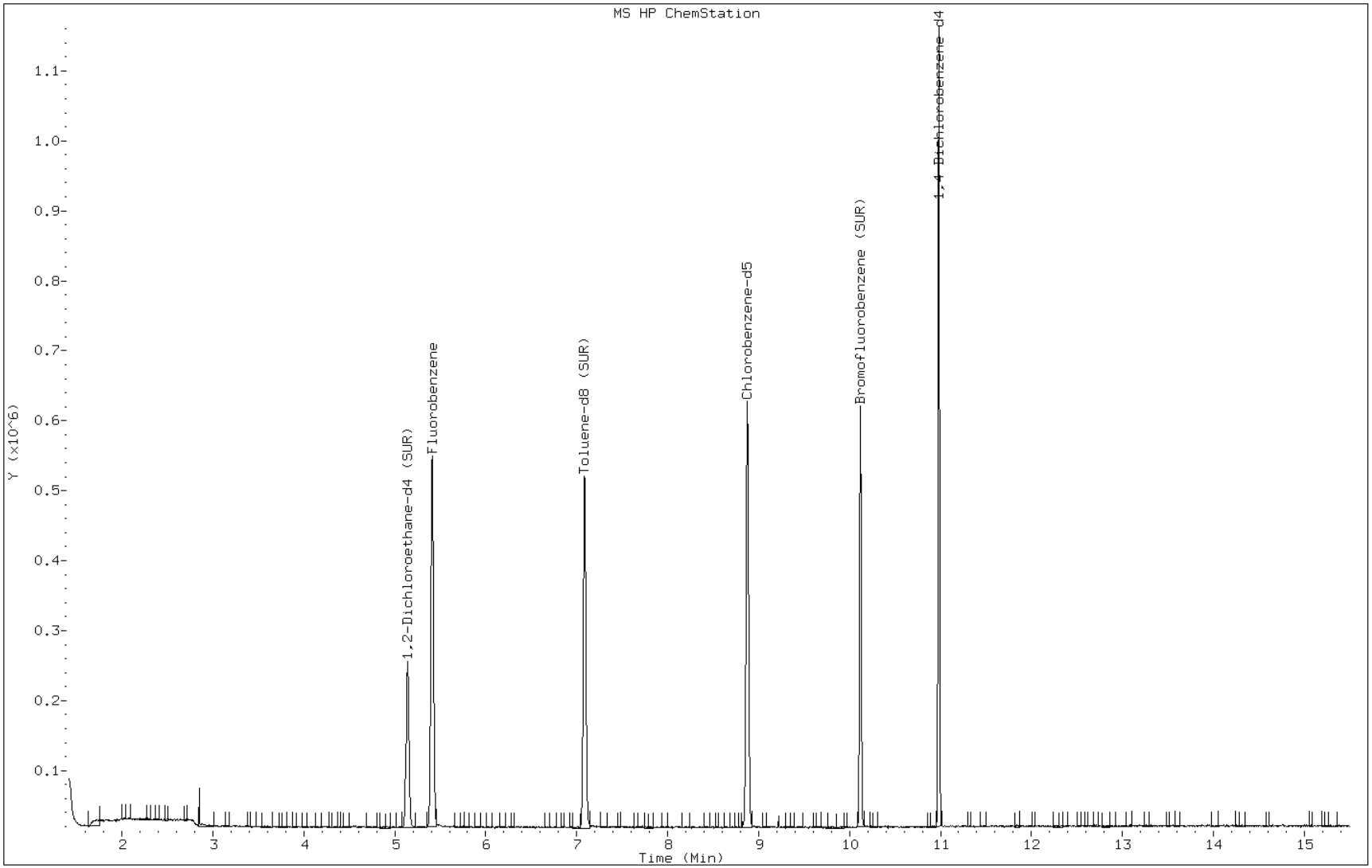
H - Operator selected an alternate compound hit.

Data File: k10372.d

Date: 07-MAR-2013 02:04

Client ID: 130041-TB8-2-25-13 Instrument: VOAMS9.i

Sample Info: 460-51333-A-22 Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-149877/6	k10315.d
Level 2	IC 460-149877/8	k10323.d
Level 3	ICIS 460-149877/2	k10309.d
Level 4	IC 460-149877/3	k10316.d
Level 5	IC 460-149877/4	k10317.d
Level 6	IC 460-149877/7	k10318.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 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3670 0.3343	0.2255	0.2822	0.3181	0.3486	LinF		0.3361							0.9996		0.9900
Chloromethane	0.7138 0.5625	0.4865	0.5528	0.5798	0.5938	Ave		0.5815			0.1000	12.8		15.0			
Vinyl chloride	0.5204 0.4922	0.3611	0.4421	0.4795	0.5101	Ave		0.4676				12.6		30.0			
Bromomethane	0.2561 0.2035	0.2366	0.2523	0.2200	0.2022	Ave		0.2285				10.3		15.0			
Chloroethane	0.2772 0.2343	0.2116	0.2617	0.2604	0.2514	Ave		0.2494				9.3		15.0			
Dichlorofluoromethane	0.8986 0.7602	0.7578	0.8398	0.8578	0.8085	Ave		0.8205				6.8		15.0			
Trichlorofluoromethane	0.5833 0.5074	0.3457	0.4323	0.4968	0.5312	LinF		0.5106							0.9995		0.9900
n-Pentane	0.0996 0.0609	0.0492	0.0635	0.0614	0.0634	LinF		0.0613							0.9997		0.9900
Ethanol	0.0038 0.0033	0.0028	0.0026	0.0029	0.0031	Ave		0.0031				14.1		15.0			
Ethyl ether	0.3420 0.2949	0.3543	0.3241	0.3244	0.3085	Ave		0.3247				6.6		15.0			
Isopropene	0.5053 0.4913	0.3898	0.5044	0.5130	0.5013	Ave		0.4842				9.7		15.0			
Acrolein	0.1144 0.0757	0.0941	0.0841	0.0805	0.0788	LinF		0.0766							0.9989		0.9900
Freon TF	0.3064 0.2938	0.2186	0.3054	0.2968	0.3026	Ave		0.2873				11.8		15.0			
1,1-Dichloroethene	0.2718 0.2476	0.2232	0.2455	0.2511	0.2512	Ave		0.2484				6.3		30.0			
Acetone	0.1585 0.1463	0.1442	0.1819	0.1415	0.1573	Ave		0.1549				9.7		15.0			

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.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.4441 0.4540	0.4278	0.4551	0.4450	0.4354	Ave		0.4436				2.4		15.0			
Carbon disulfide	1.3022 1.3066	1.1596	1.3556	1.3586	1.3109	Ave		1.2989				5.6		15.0			
Methyl acetate	0.3811 0.3821	0.4244	0.3760	0.3834	0.3908	Ave		0.3896				4.5		15.0			
Cyclopentene	0.8378 1.0247	0.6850	0.9767	0.9746	1.0114	Ave		0.9184				14.4		15.0			
Acetonitrile	0.0155 0.0118	0.0173	0.0157	0.0160	0.0147	Ave		0.0152				12.1		15.0			
Methylene Chloride	0.3827 0.3670	0.3892	0.3853	0.3801	0.3669	Ave		0.3785				2.5		15.0			
TBA	0.0501 0.0492	0.0442	0.0375	0.0398	0.0448	Ave		0.0442				11.3		15.0			
MTBE	0.8705 1.0511	0.9478	0.9823	0.9835	1.0234	Ave		0.9764				6.5		15.0			
trans-1,2-Dichloroethene	0.2979 0.3055	0.2739	0.3124	0.3078	0.3037	Ave		0.3002				4.6		15.0			
Acrylonitrile	0.1827 0.1736	0.1855	0.1620	0.1703	0.1704	Ave		0.1741				5.0		15.0			
Hexane	0.2567 0.2842	0.2117	0.3072	0.2902	0.2979	Ave		0.2746				12.8		15.0			
DIPE	1.0432 1.4401	1.1837	1.3400	1.3910	1.4249	Ave		1.3038				12.1		15.0			
1,1-Dichloroethane	0.7075 0.7001	0.6618	0.7235	0.7143	0.7034	Ave		0.7018			0.1000	3.0		15.0			
Vinyl acetate	0.9280 1.1672	0.9872	1.1078	1.0834	1.1193	Ave		1.0655				8.4		15.0			
Tert-butyl ethyl ether	1.1002 1.1661	1.0117	1.1056	1.0922	1.1374	Ave		1.1022				4.7		15.0			
2,2-Dichloropropane	0.4465 0.4805	0.3641	0.4656	0.4535	0.4694	Ave		0.4466				9.4		15.0			
cis-1,2-Dichloroethene	0.3270 0.3559	0.3342	0.3526	0.3514	0.3514	Ave		0.3454				3.4		15.0			
2-Butanone	0.0477 0.0518	0.0431	0.0448	0.0475	0.0492	Ave		0.0474				6.5		15.0			
Ethyl acetate	0.0451 0.0451	0.0423	0.0370	0.0405	0.0435	Ave		0.0422				7.3		15.0			
Tetrahydrofuran	0.1612 0.1665	0.1594	0.1476	0.1536	0.1622	Ave		0.1584				4.3		15.0			

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.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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 3	LVL 4	LVL 5		B	M1	M2								
Bromochloromethane	0.1548 0.1470	0.1610	0.1513	0.1468	0.1456	Ave		0.1511				4.0		15.0			
Methacrylonitrile	0.1419 0.1795	0.1687	0.1598	0.1686	0.1758	Ave		0.1657				8.2		15.0			
Chloroform	0.5796 0.6064	0.6105	0.6371	0.6256	0.6124	Ave		0.6120				3.2		30.0			
Cyclohexane	0.5227 0.6941	0.3775	0.6437	0.6466	0.6914	LinF		0.6932							0.9999		0.9900
1,1,1-Trichloroethane	0.4162 0.4950	0.3638	0.4645	0.4701	0.4875	Ave		0.4495				11.2		15.0			
Carbon tetrachloride	0.3663 0.3901	0.2824	0.3665	0.3695	0.3830	Ave		0.3596				10.9		15.0			
1,1-Dichloropropene	0.3561 0.4319	0.2963	0.3964	0.4051	0.4278	Ave		0.3856				13.4		15.0			
Benzene	2.1023 2.0441	2.0055	2.1687	2.1836	2.1264	Ave		2.1051				3.3		15.0			
Isopropyl acetate	1.0812 1.1089	1.0370	0.9699	1.0022	1.0798	Ave		1.0465				5.1		15.0			
Tert-amyl methyl ether	0.7701 1.0729	0.8725	0.9300	0.9615	1.0376	Ave		0.9407				11.8		15.0			
1,2-Dichloroethane	0.5220 0.5293	0.5621	0.5353	0.5376	0.5325	Ave		0.5365				2.6		15.0			
n-Heptane	0.1856 0.1823	0.1213	0.1978	0.1791	0.1901	LinF		0.1834							0.9996		0.9900
2,4,4-Trimethyl-1-pentene	0.0500 0.0734	0.0379	0.0643	0.0627	0.0731	LinF		0.0733							0.9997		0.9900
Trichloroethene	0.2998 0.3320	0.2776	0.3144	0.3188	0.3247	Ave		0.3112				6.3		15.0			
Ethyl acrylate	0.0287 0.0373	0.0304	0.0300	0.0308	0.0339	Ave		0.0319				10.0		15.0			
Methylcyclohexane	0.3729 0.4954	0.2995	0.4776	0.4662	0.4974	LinF		0.4954							0.9999		0.9900
1,2-Dichloropropane	0.3601 0.4065	0.3817	0.3942	0.3918	0.4039	Ave		0.3897				4.4		30.0			
Methyl methacrylate	0.0561 0.0831	0.0644	0.0644	0.0687	0.0783	Ave		0.0692				14.4		15.0			
1,4-Dioxane	0.0049 +++++	0.0041	0.0038	0.0044	0.0053	Ave		0.0045				13.6		15.0			
Propyl acetate	0.5680 0.7123	0.5733	0.5530	0.6009	0.6614	Ave		0.6115				10.2		15.0			

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.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.2234 0.2336	0.2437	0.2310	0.2276	0.2303	Ave		0.2316				3.0		15.0			
Bromodichloromethane	0.4256 0.4845	0.4620	0.4692	0.4719	0.4761	Ave		0.4649				4.4		15.0			
2-Chloroethyl vinyl ether	0.1591 0.2757	0.1920	0.2080	0.2243	0.2613	LinF		0.2734							0.9990		0.9900
Epichlorohydrin	0.0609 0.0675	0.0658	0.0619	0.0662	0.0686	Ave		0.0651				4.7		15.0			
cis-1,3-Dichloropropene	0.6953 0.8929	0.7788	0.8370	0.8490	0.8922	Ave		0.8242				9.2		15.0			
4-Methyl-2-pentanone	0.5283 0.7367	0.5731	0.5908	0.6504	0.7193	Ave		0.6331				13.2		15.0			
Toluene	1.6539 1.9657	1.6405	1.9126	1.9461	1.9947	Ave		1.8523				8.7		30.0			
trans-1,3-Dichloropropene	0.6194 0.7769	0.6746	0.6866	0.7008	0.7686	Ave		0.7045				8.5		15.0			
Ethyl methacrylate	0.2744 0.5138	0.3387	0.3747	0.4133	0.4786	LinF		0.5084							0.9985		0.9900
1,1,2-Trichloroethane	0.3698 0.4116	0.4349	0.4130	0.4109	0.4155	Ave		0.4093				5.2		15.0			
Tetrachloroethene	0.3230 0.3518	0.2277	0.3220	0.3309	0.3446	Ave		0.3167				14.3		15.0			
1,3-Dichloropropane	0.7751 0.7892	0.8024	0.7906	0.7853	0.8028	Ave		0.7909				1.3		15.0			
2-Hexanone	0.3439 0.4799	0.3651	0.3778	0.4137	0.4551	Ave		0.4059				13.1		15.0			
Butyl acetate	0.0853 0.1374	0.0998	0.1095	0.1188	0.1319	LinF		0.1365							0.9994		0.9900
Dibromochloromethane	0.4346 0.4455	0.4685	0.4472	0.4396	0.4429	Ave		0.4464				2.6		15.0			
1,2-Dibromoethane	0.4208 0.4380	0.4504	0.4253	0.4328	0.4377	Ave		0.4342				2.4		15.0			
Chlorobenzene	1.0052 1.1406	1.0035	1.1216	1.1005	1.1302	Ave		1.0836			0.3000	5.8		15.0			
Ethylbenzene	0.4372 0.6390	0.4099	0.5663	0.5860	0.6298	LinF		0.6372							0.9998		0.9900
1,1,1,2-Tetrachloroethane	0.3824 0.4295	0.3883	0.4091	0.4024	0.4224	Ave		0.4057				4.6		15.0			
m&p-Xylene	0.5242 0.7749	0.5138	0.7285	0.7452	0.7777	LinF		0.7750							1.0000		0.9900

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.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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 3	LVL 4	LVL 5		B	M1	M2								
Butyl acrylate	0.2134 0.4461	0.2635	0.3156	0.3515	0.4191	LinF		0.4418							0.9986		0.9900
o-Xylene	0.5015 0.8160	0.5419	0.7627	0.7838	0.8173	LinF		0.8158							1.0000		0.9900
Styrene	0.8148 1.3796	0.9946	1.2909	1.3323	1.3711	LinF		1.3779							1.0000		0.9900
Amly acetate	1.3877 2.4987	1.7008	1.8758	2.0450	2.3966	LinF		2.4814							0.9992		0.9900
Bromoform	0.2699 0.3005	0.2919	0.2793	0.2807	0.2893	Ave		0.2853			0.1000	3.8		15.0			
Isopropylbenzene	1.1548 1.9774	1.0873	1.7932	1.9199	2.0352	LinF		1.9847							0.9998		0.9900
Monobromobenzene	0.8253 0.9079	0.7912	0.8569	0.8476	0.8906	Ave		0.8533				5.0		15.0			
1,1,2,2-Tetrachloroethane	1.4127 1.4126	1.5467	1.4460	1.4451	1.4400	Ave		1.4505			0.3000	3.4		15.0			
N-Propylbenzene	3.8488 4.9139	3.0921	4.8232	5.1083	5.3693	LinF		4.9824							0.9985		0.9900
1,2,3-Trichloropropane	0.3515 0.3158	0.3351	0.3039	0.3118	0.3201	Ave		0.3230				5.4		15.0			
trans-1,4-Dichloro-2-butene	0.3581 0.3781	0.3633	0.3503	0.3635	0.3846	Ave		0.3663				3.5		15.0			
2-Chlorotoluene	2.7867 3.6029	2.6776	3.4907	3.5764	3.7701	Ave		3.3174				14.0		15.0			
p-Ethyltoluene	2.5262 3.7035	2.6047	3.6502	3.7219	3.8856	LinF		3.7294							0.9996		0.9900
1,3,5-Trimethylbenzene	2.0834 3.3810	1.9626	3.0700	3.2462	3.4744	LinF		3.3925							0.9998		0.9900
4-Chlorotoluene	2.3424 3.2004	2.4458	3.1420	3.1267	3.2598	Ave		2.9195				14.1		15.0			
Butyl Methacrylate	0.7245 1.4465	0.8747	1.1070	1.2162	1.4054	LinF		1.4390							0.9994		0.9900
tert-Butylbenzene	1.4710 2.5366	1.1843	2.0456	2.2785	2.5684	LinF		2.5384							0.9997		0.9900
1,2,4-Trimethylbenzene	2.0533 3.4395	2.0274	3.2082	3.3477	3.6049	LinF		3.4619							0.9995		0.9900
2-Octanone	1.3080 2.6019	1.4570	1.7328	1.9459	2.3994	LinF		2.5709							0.9979		0.9900
sec-Butylbenzene	2.5604 3.9595	2.1378	3.7509	3.9578	4.2759	LinF		4.0053							0.9988		0.9900

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.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

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 3	LVL 4	LVL 5		B	M1	M2								
p-Isopropyltoluene	1.8856 3.1627	1.5708	2.7907	3.0250	3.3735	LinF		3.1916							0.9991		0.9900
1,3-Dichlorobenzene	1.4900 1.7741	1.4801	1.6589	1.6693	1.7820	Ave		1.6424				8.0		15.0			
1,4-Dichlorobenzene	1.6108 1.7681	1.5256	1.7035	1.6959	1.7511	Ave		1.6758				5.5		15.0			
Benzyl chloride	1.8517 2.3829	1.9128	1.9902	2.0104	2.2785	Ave		2.0711				10.2		15.0			
Indan	0.7208 1.1442	0.8649	1.0643	1.0973	1.1365	LinF		1.1427							1.0000		0.9900
1,4-Diethylbenzene	0.3592 0.6323	0.3888	0.5813	0.5896	0.6188	LinF		0.6301							0.9998		0.9900
n-Butylbenzene	3.0083 3.9379	2.4839	3.9750	4.1161	4.2449	LinF		3.9842							0.9989		0.9900
1,2-Dichlorobenzene	1.4520 1.7538	1.5026	1.6603	1.6693	1.7303	Ave		1.6281				7.6		15.0			
1,2,4,5-Tetramethylbenzene	0.4781 1.0380	0.5572	0.8300	0.9179	1.0249	LinF		1.0350							0.9997		0.9900
1,2-Dibromo-3-Chloropropane	0.3060 0.2990	0.2915	0.2752	0.2818	0.2912	Ave		0.2908				3.8		15.0			
1,2,4-Trichlorobenzene	0.9366 1.1036	0.8546	1.0279	1.0451	1.0907	Ave		1.0097				9.5		15.0			
Hexachlorobutadiene	0.4170 0.3304	0.2295	0.3390	0.3301	0.3467	LinF		0.3328							0.9996		0.9900
Naphthalene	2.8459 3.6036	2.6116	3.1666	3.3513	3.6525	Ave		3.2052				13.0		15.0			
1,2,3-Trichlorobenzene	1.0466 1.0285	0.8969	0.9913	0.9985	1.0446	Ave		1.0011				5.6		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3300 0.3251	0.3236	0.3111	0.3212	0.3187	Ave		0.3216				2.0		15.0			
Toluene-d8 (Surr)	1.0561 1.0791	1.0972	1.0809	1.0970	1.0888	Ave		1.0832				1.4		15.0			
Bromofluorobenzene	0.6805 0.6971	0.6937	0.6832	0.6972	0.7032	Ave		0.6925				1.3		15.0			

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.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-149877/6	k10315.d
Level 2	IC 460-149877/8	k10323.d
Level 3	ICIS 460-149877/2	k10309.d
Level 4	IC 460-149877/3	k10316.d
Level 5	IC 460-149877/4	k10317.d
Level 6	IC 460-149877/7	k10318.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	LinF	4028 2285018	12877	67324	185397	889780	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7834 3844445	27779	131869	337947	1515594	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5712 3363916	20621	105461	279478	1301981	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2811 1390774	13512	60184	128229	516157	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3043 1601581	12082	62434	151790	641645	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	9863 5196276	43272	200326	499954	2063672	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	LinF	6402 3467865	19742	103121	289567	1355842	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	2186 832416	5615	30285	71539	323704	2.00 1000	10.0	40.0	100	400
Ethanol	FB	Ave	42145 271565	63804	93368	136633	199301	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	3754 2015351	20232	77315	189057	787293	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	5546 3358118	22262	120330	298978	1279528	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	5021 413660	21502	40110	93809	201020	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	3363 2008313	12482	72849	173003	772371	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2983 1692669	12744	58562	146375	641098	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	8699 999751	24703	43401	82449	401514	5.00 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	4874 3103320	24430	108560	259345	1111188	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	14293 8930481	66222	323360	791865	3345942	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	4183 2611916	24235	89690	223463	997530	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	9195 7004191	39120	232983	568074	2581466	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	3409 1617495	19746	74692	186642	751371	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	4200 2508700	22225	91910	221571	936559	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	10989 6721804	50435	178813	463611	2285927	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	9554 7184434	54126	234331	573240	2611968	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3270 2087996	15641	74525	179432	775123	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4011 474731	21191	38642	99236	217507	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	2817 1942515	12087	73289	169171	760215	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	11450 9843197	67597	319639	810781	3636685	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7765 4785214	37795	172576	416343	1795252	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	20370 15955790	112748	528510	1262906	5713462	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	12076 7970047	57776	263721	636612	2902910	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4901 3284339	20791	111058	264297	1198018	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3589 2432746	19086	84116	204789	896817	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2618 353824	7391	10691	27675	125671	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	989 616052	4828	17658	47205	221835	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	1769 1138268	9105	35202	89514	413923	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1699 1004574	9196	36082	85545	371505	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	3114 2453854	19271	76250	196574	897141	2.00 1000	10.0	40.0	100	400

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chloroform	FB	Ave	6362 4144966	34864	151966	364660	1563117	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	5737 4743976	21556	153559	376886	1764615	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	4568 3383370	20774	110798	273985	1244228	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4020 2666041	16126	87418	215361	977462	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3909 2951819	16923	94547	236093	1091948	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	14768 9689811	73162	337811	831789	3638147	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	23735 15159412	118433	462743	1168249	5511752	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	8452 7333231	49823	221852	560389	2648167	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5729 3617882	32101	127699	313343	1358993	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	LinF	2037 1245832	6925	47191	104397	485169	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	LinF	1098 1003980	4329	30684	73039	373244	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	3290 2269528	15855	74997	185843	828659	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	315 255248	1734	7151	17968	86532	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	4093 3386312	17104	113925	271727	1269629	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3952 2778768	21796	94034	228369	1030781	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	616 568091	3675	15361	40058	199866	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	2716 +++++	4716	6882	10143	17066	50.0 +++++	100	150	200	250
Propyl acetate	FB	Ave	6234 4868619	32741	131916	350242	1688105	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2452 1596641	13914	55096	132687	587877	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4671 3311516	26380	111924	275078	1215051	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	LinF	1746 1884316	10967	49612	130738	666906	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Epichlorohydrin	CBZ	Ave	8559 6396943	47991	192823	504207	2346664	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4884 4232801	28411	130375	323407	1526590	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	18556 3492086	62724	92031	247765	1230731	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	11618 9318276	59846	297922	741324	3412897	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4351 3682583	24609	106956	266965	1315110	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	LinF	3012 3511969	19342	89392	240873	1221478	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2598 1950920	15867	64328	156510	710817	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2269 1667806	8305	50162	126034	589644	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5445 3741233	29273	123147	299123	1373554	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	12080 2274705	39955	58849	157596	778596	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	LinF	1198 1302888	7283	34099	90529	451521	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	3053 2111666	17092	69658	167457	757758	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2956 2076192	16432	66243	164855	748947	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	7061 5406852	36607	174708	419196	1933675	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	LinF	3071 3029016	14952	88213	223226	1077564	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2686 2035831	14167	63731	153277	722680	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	LinF	7365 7346838	37490	226943	567749	2661205	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	LinF	1499 2114652	9611	49158	133891	717049	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	LinF	3523 3868018	19769	118804	298565	1398282	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	LinF	5724 6539618	36285	201074	507508	2345942	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	LinF	4666 5914059	31104	147507	391716	2020472	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBZ	Ave	1896 1424517	10649	43508	106943	494895	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	LinF	8112 9373504	39667	279318	731339	3482120	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2775 2148884	14470	67384	162353	750831	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4750 3343481	28285	113705	276811	1214038	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	LinF	12941 11630338	56548	379281	978499	4526690	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1182 747541	6128	23896	59735	269827	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1204 894785	6644	27543	69630	324211	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	9370 8527448	48967	274497	685065	3178428	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	LinF	8494 8765628	47634	287035	712946	3275830	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	LinF	7005 8002314	35891	241410	621818	2929121	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	7876 7574841	44728	247074	598920	2748226	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2436 3423618	15997	87047	232970	1184849	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	4946 6003685	21659	160860	436446	2165296	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	LinF	6904 8140847	37077	252281	641254	3039144	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	4398 6158240	26646	136257	372734	2022817	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	8609 9371498	39096	294956	758127	3604896	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	LinF	6340 7485723	28726	219449	579447	2844046	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	5010 4199020	27068	130452	319756	1502324	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	5416 4184811	27899	133958	324854	1476327	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	6226 5639891	34980	156501	385091	1920916	1.00 500	5.00	20.0	50.0	200
Indan	FB	LinF	7911 7820902	49388	253888	639592	2900625	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 149877

SDG No.:

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2013 17:53 Calibration End Date: 03/06/2013 02:14 Calibration ID: 20557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Diethylbenzene	FB	LinF	3942 4321863	22202	138669	343669	1579424	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	LinF	10115 9320430	45425	312578	788449	3578760	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	4882 4151026	27479	130561	319761	1458754	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	LinF	5248 7094499	31820	197980	535016	2615827	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1029 707598	5331	21644	53976	245533	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	3149 2612066	15629	80827	200191	919536	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	LinF	1402 782073	4197	26659	63237	292299	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	9569 8529045	47761	249007	641948	3079263	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3519 2434317	16403	77950	191267	880679	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	181087 222241	184820	185549	187232	203349	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	370954 511522	400267	420921	417872	465732	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	114409 165004	126867	134316	133546	148203	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10309.d
Report Date: 07-Mar-2013 09:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10309.d
Lab Smp Id: ICIS-VM8CAL3
Inj Date : 05-MAR-2013 17:53
Operator : Inst ID: VOAMS9.i
Smp Info : ICIS-VM8CAL3
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 09:15 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 17:53 Cal File: k10309.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.573	1.573	(0.291)	67324	20.0000	17
3	Chloromethane	50	1.728	1.728	(0.320)	131869	20.0000	19
4	Vinyl Chloride	62	1.830	1.830	(0.338)	105461	20.0000	19
6	Bromomethane	94	2.108	2.108	(0.390)	60184	20.0000	22
5	Chloroethane	64	2.161	2.161	(0.400)	62434	20.0000	21
183	Dichlorofluoromethane	67	2.365	2.365	(0.437)	200326	20.0000	20
7	Trichlorofluoromethane	101	2.386	2.386	(0.441)	103121	20.0000	17
8	n-Pentane	72	2.386	2.386	(0.441)	30285	40.0000	41
9	Ethanol	46	2.552	2.552	(0.472)	93368	3000.00	2600
11	Ethyl Ether	59	2.579	2.579	(0.477)	77315	20.0000	20
10	Isoprene	67	2.600	2.600	(0.481)	120330	20.0000	21
13	Acrolein	56	2.755	2.755	(0.509)	40110	40.0000	44
14	Freon TF	101	2.771	2.771	(0.512)	72849	20.0000	21
15	1,1-Dichloroethene	96	2.793	2.793	(0.516)	58562	20.0000	20
16	Acetone	43	2.878	2.878	(0.532)	43401	20.0000	23
17	Iodomethane	142	2.948	2.948	(0.545)	108560	20.0000	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10309.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.985	2.985	(0.552)	323360	20.0000	21
	170 Cyclopentene	67	3.130	3.130	(0.579)	232983	20.0000	21
	27 Methyl Acetate	43	3.119	3.119	(0.577)	89690	20.0000	19
	21 Acetonitrile	39	3.167	3.167	(0.586)	74692	400.000	410
	22 Methylene Chloride	84	3.237	3.237	(0.598)	91910	20.0000	20
	24 TBA	59	3.301	3.301	(0.610)	178813	400.000	340
	28 MTBE	73	3.397	3.397	(0.628)	234331	20.0000	20
	25 trans-1,2-Dichloroethene	96	3.424	3.424	(0.633)	74525	20.0000	21
	26 Acrylonitrile	53	3.499	3.499	(0.647)	38642	20.0000	19
	29 Hexane	43	3.579	3.579	(0.662)	73289	20.0000	22
	32 DIPE	45	3.788	3.788	(0.700)	319639	20.0000	20
	30 1,1-Dichloroethane	63	3.825	3.825	(0.707)	172576	20.0000	21
	31 Vinyl Acetate	43	3.830	3.830	(0.708)	528510	40.0000	38(M)
	35 t-Butyl-ethyl-ether	59	4.114	4.114	(0.761)	263721	20.0000	20
	37 2,2-Dichloropropane	77	4.328	4.328	(0.800)	111058	20.0000	21
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	84116	20.0000	20
	39 Ethyl Acetate	70	4.365	4.365	(0.807)	17658	40.0000	35
	38 2-Butanone	72	4.360	4.360	(0.806)	10691	20.0000	19
	40 Bromochloromethane	128	4.574	4.574	(0.846)	36082	20.0000	20
	41 Tetrahydrofuran	42	4.569	4.569	(0.845)	35202	20.0000	19
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	76250	40.0000	38
	42 Chloroform	83	4.622	4.622	(0.855)	151966	20.0000	21
	44 Cyclohexane	56	4.761	4.761	(0.880)	153559	20.0000	18
	43 1,1,1-Trichloroethane	97	4.772	4.772	(0.882)	110798	20.0000	21
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	87418	20.0000	20
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	94547	20.0000	20
	48 Benzene	78	5.120	5.120	(0.577)	337811	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.130	5.130	(0.949)	185549	50.0000	48
	61 Isopropyl Acetate	43	5.168	5.168	(0.955)	462743	40.0000	37
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.958)	221852	20.0000	20
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	127699	20.0000	20
	51 n-Heptane	57	5.270	5.270	(0.974)	47191	20.0000	22
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	596354	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.633	5.633	(1.042)	30684	40.0000	35
	54 Trichloroethene	95	5.762	5.762	(1.065)	74997	20.0000	20
	55 Ethyl Acrylate	73	5.874	5.874	(1.086)	7151	20.0000	19
	56 Methyl cyclohexane	83	5.890	5.890	(1.089)	113925	20.0000	19
	57 1,2-Dichloropropane	63	6.051	6.051	(1.119)	94034	20.0000	20
	59 Methyl Methacrylate	100	6.120	6.120	(1.132)	15361	20.0000	19
	75 Propyl Acetate	43	6.179	6.179	(1.142)	131916	20.0000	18
	60 1,4-Dioxane	88	6.168	6.168	(1.140)	6882	150.000	130
	58 Dibromomethane	93	6.179	6.179	(1.142)	55096	20.0000	20
	68 Bromodichloromethane	83	6.329	6.329	(1.170)	111924	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.666	6.666	(1.232)	49612	20.0000	15
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	192823	400.000	380
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	130375	20.0000	20
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.789)	92031	20.0000	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10309.d
Report Date: 07-Mar-2013 09:15

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
$	65	Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	420921	50.0000	50
	66	Toluene	91	7.158	7.158	(0.807)	297922	20.0000	21
	64	trans-1,3-Dichloropropene	75	7.500	7.500	(0.846)	106956	20.0000	19
	175	Ethyl methacrylate	69	7.532	7.532	(1.393)	89392	20.0000	15
	69	1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	64328	20.0000	20
	71	Tetrachloroethene	166	7.773	7.773	(0.876)	50162	20.0000	20
	72	1,3-Dichloropropane	76	7.928	7.928	(0.894)	123147	20.0000	20
	73	2-Hexanone	43	7.993	7.993	(0.901)	58849	20.0000	19
	76	Butyl Acetate	73	8.105	8.105	(0.914)	34099	40.0000	32
	74	Dibromochloromethane	129	8.164	8.164	(0.920)	69658	20.0000	20
	77	1,2-Dibromoethane	107	8.319	8.319	(0.938)	66243	20.0000	20
*	78	Chlorobenzene-d5	117	8.870	8.870	(1.000)	389420	50.0000	
	79	Chlorobenzene	112	8.907	8.907	(1.004)	174708	20.0000	21
	81	Ethylbenzene	106	9.009	9.009	(1.016)	88213	20.0000	18
	80	1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	63731	20.0000	20
	82	m+p-Xylene	106	9.164	9.164	(1.033)	226943	40.0000	38
	83	Butyl Acrylate	73	9.587	9.587	(1.081)	49158	20.0000	14
	84	o-Xylene	106	9.603	9.603	(1.083)	118804	20.0000	19
	85	Styrene	104	9.630	9.630	(1.086)	201074	20.0000	19
	87	Amyl Acetate	43	9.806	9.806	(0.893)	147507	20.0000	15
	86	Bromoform	173	9.828	9.828	(1.108)	43508	20.0000	20
	88	Isopropylbenzene	105	9.940	9.940	(1.121)	279318	20.0000	18
$	89	Bromofluorobenzene (SUR)	174	10.116	10.116	(0.921)	134316	50.0000	49
	92	1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	113705	20.0000	20
	91	Bromobenzene	156	10.234	10.234	(0.932)	67384	20.0000	20
	95	n-Propylbenzene	91	10.293	10.293	(0.937)	379281	20.0000	19
	94	trans-1,4-Dichloro-2-butene	53	10.320	10.320	(0.940)	27543	20.0000	19
	93	1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	23896	20.0000	19
	96	2-Chlorotoluene	91	10.384	10.384	(0.945)	274497	20.0000	21
	188	4-Ethyltoluene	105	10.384	10.384	(0.945)	287035	20.0000	20
	97	1,3,5-Trimethylbenzene	105	10.437	10.437	(0.950)	241410	20.0000	18
	99	Butyl Methacrylate	87	10.512	10.512	(0.957)	87047	20.0000	15
	98	4-Chlorotoluene	91	10.475	10.475	(0.954)	247074	20.0000	22
	100	tert-Butylbenzene	119	10.673	10.673	(0.972)	160860	20.0000	16
	101	1,2,4-Trimethylbenzene	105	10.716	10.716	(0.976)	252281	20.0000	18
	102	2-Octanone	43	10.806	10.806	(0.984)	136257	20.0000	13
	103	sec-Butylbenzene	105	10.828	10.828	(0.986)	294956	20.0000	19
	107	p-Isopropyltoluene	119	10.930	10.930	(0.995)	219449	20.0000	17
	105	1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	130452	20.0000	20
*	108	1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	196590	50.0000	
	109	1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	133958	20.0000	20
	110	Benzyl Chloride	91	11.101	11.101	(1.011)	156501	20.0000	19
	187	1,4-Diethylbenzene	119	11.181	11.181	(2.067)	138669	20.0000	18
	171	Indan	117	11.149	11.149	(2.061)	253888	20.0000	19
	106	n-Butylbenzene	91	11.197	11.197	(1.019)	312578	20.0000	20
	111	1,2-Dichlorobenzene	146	11.251	11.251	(1.024)	130561	20.0000	20
	112	1,2-Dibromo-3-chloropropane	75	11.737	11.737	(1.069)	21644	20.0000	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10309.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.668	11.668	(2.157)	197980	20.0000	16
	114 1,2,4-Trichlorobenzene	180	12.224	12.224	(1.113)	80827	20.0000	20
	115 Hexachlorobutadiene	225	12.288	12.288	(1.119)	26659	20.0000	20
	116 Naphthalene	128	12.395	12.395	(1.129)	249007	20.0000	20
	117 1,2,3-Trichlorobenzene	180	12.556	12.556	(1.143)	77950	20.0000	20
M	120 1,2-Dichloroethene (Total)	100				158641	40.0000	41
M	121 Xylene (Total)	100				345747	60.0000	56

QC Flag Legend

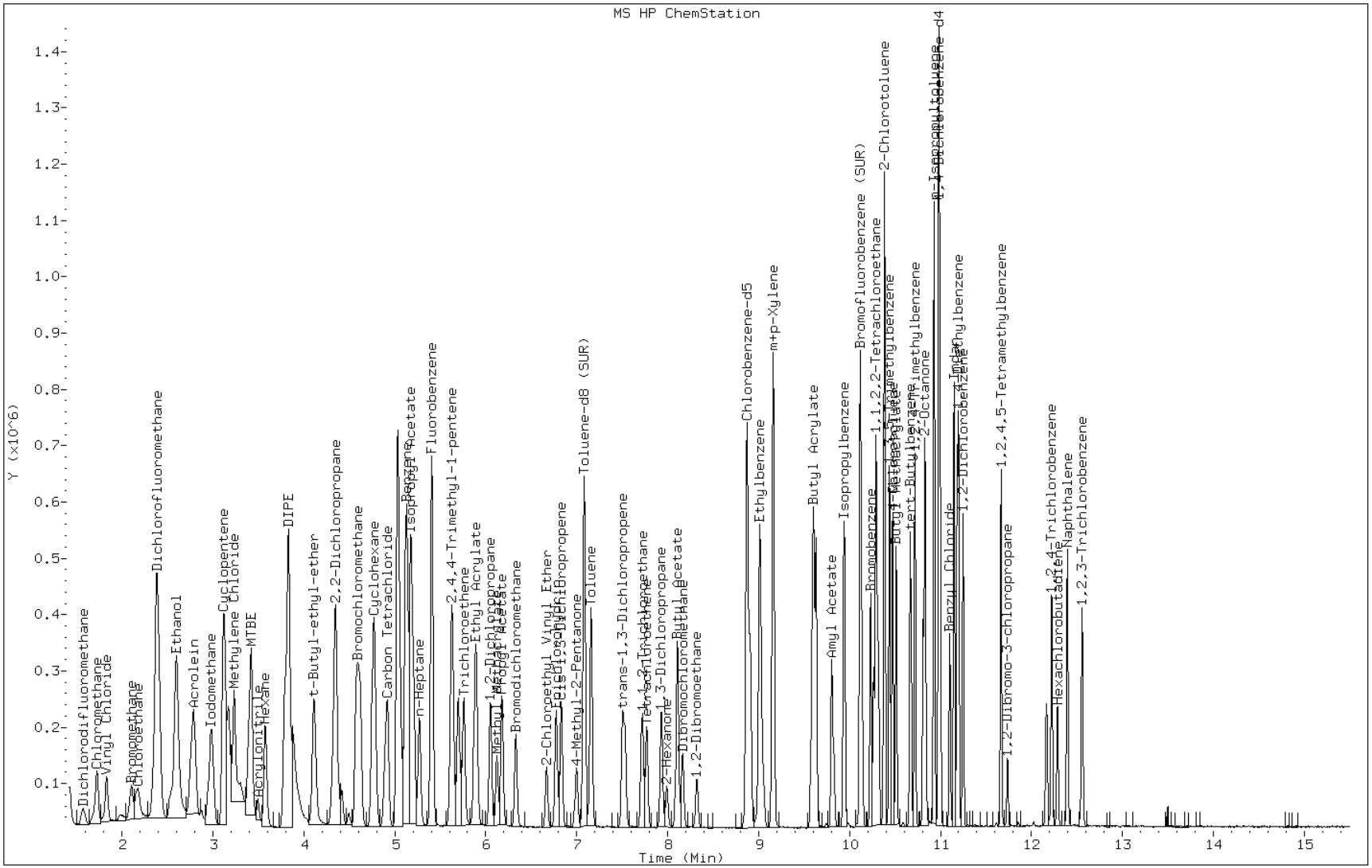
M - Compound response manually integrated.

Data File: k10309.d

Date: 05-MAR-2013 17:53

Client ID: Instrument: VOAMS9.i

Sample Info: ICIS-VM8CAL3 Operator:



Manual Integration Report

Data File: k10309.d
Inj. Date and Time: 05-MAR-2013 17:53
Instrument ID: VOAMS9.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/07/2013

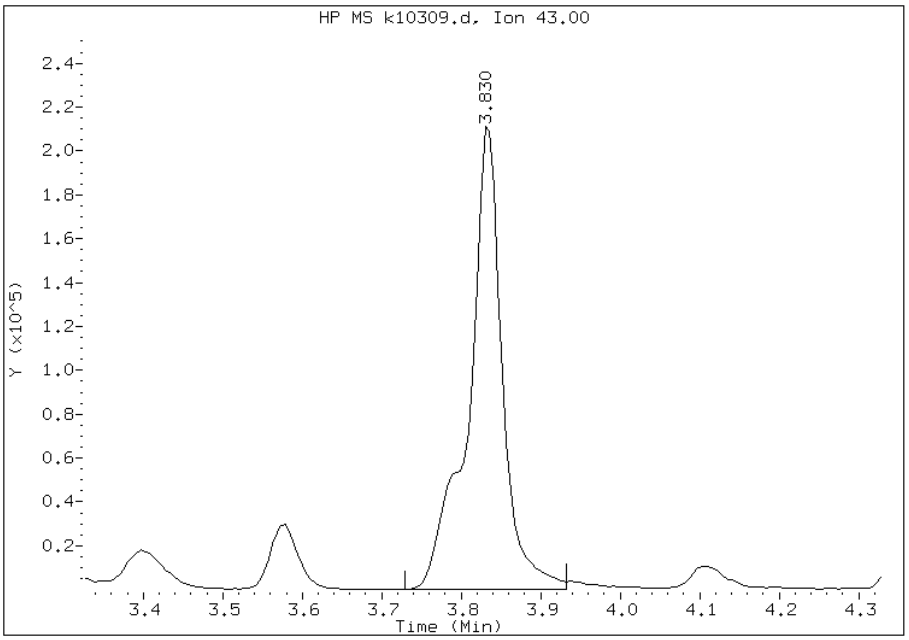
Processing Integration Results

RT: 3.83

Response: 624000

Amount: 40

Conc: 40



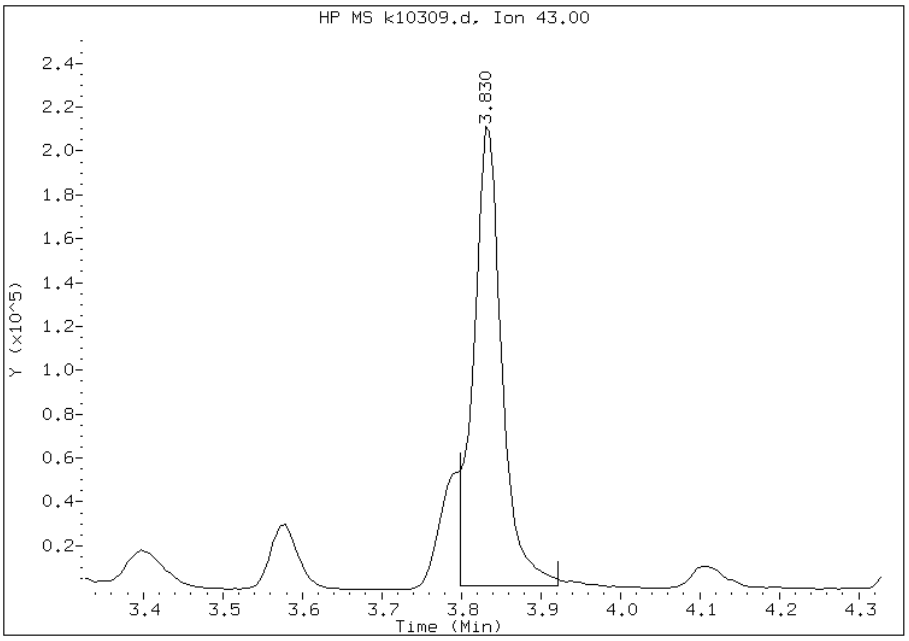
Manual Integration Results

RT: 3.83

Response: 528510

Amount: 38

Conc: 38



Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10316.d
Report Date: 07-Mar-2013 09:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10316.d
Lab Smp Id: IC-VM8CAL4
Inj Date : 05-MAR-2013 23:29
Operator : Inst ID: VOAMS9.i
Smp Info : IC-VM8CAL4
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 09:15 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:29 Cal File: k10316.d
Als bottle: 11 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.562	1.573	(0.289)	185397	50.0000	47
3	Chloromethane	50	1.723	1.728	(0.319)	337947	50.0000	50
4	Vinyl Chloride	62	1.824	1.830	(0.337)	279478	50.0000	51
6	Bromomethane	94	2.103	2.108	(0.389)	128229	50.0000	48
5	Chloroethane	64	2.172	2.161	(0.402)	151790	50.0000	52
183	Dichlorofluoromethane	67	2.359	2.365	(0.436)	499954	50.0000	52
7	Trichlorofluoromethane	101	2.381	2.386	(0.440)	289567	50.0000	49
8	n-Pentane	72	2.402	2.386	(0.444)	71539	100.000	100
9	Ethanol	46	2.531	2.552	(0.468)	136633	4000.00	3900
11	Ethyl Ether	59	2.573	2.579	(0.476)	189057	50.0000	50
10	Isoprene	67	2.595	2.600	(0.480)	298978	50.0000	53
13	Acrolein	56	2.750	2.755	(0.508)	93809	100.000	100
14	Freon TF	101	2.771	2.771	(0.512)	173003	50.0000	52
15	1,1-Dichloroethene	96	2.798	2.793	(0.517)	146375	50.0000	50
16	Acetone	43	2.868	2.878	(0.530)	82449	50.0000	44
17	Iodomethane	142	2.948	2.948	(0.545)	259345	50.0000	50

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10316.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.991	2.985	(0.553)	791865	50.0000	52
	170 Cyclopentene	67	3.124	3.130	(0.578)	568074	50.0000	53
	27 Methyl Acetate	43	3.114	3.119	(0.576)	223463	50.0000	49
	21 Acetonitrile	39	3.162	3.167	(0.585)	186642	1000.00	1000
	22 Methylene Chloride	84	3.231	3.237	(0.597)	221571	50.0000	50
	24 TBA	59	3.301	3.301	(0.610)	463611	1000.00	900
	28 MTBE	73	3.397	3.397	(0.628)	573240	50.0000	50
	25 trans-1,2-Dichloroethene	96	3.419	3.424	(0.632)	179432	50.0000	51
	26 Acrylonitrile	53	3.494	3.499	(0.646)	99236	50.0000	49
	29 Hexane	43	3.574	3.579	(0.661)	169171	50.0000	53
	32 DIPE	45	3.788	3.788	(0.700)	810781	50.0000	53
	30 1,1-Dichloroethane	63	3.820	3.825	(0.706)	416343	50.0000	51
	31 Vinyl Acetate	43	3.831	3.830	(0.708)	1262906	100.000	88(M)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	636612	50.0000	50
	37 2,2-Dichloropropane	77	4.328	4.328	(0.800)	264297	50.0000	51
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	204789	50.0000	51
	39 Ethyl Acetate	70	4.360	4.365	(0.806)	47205	100.000	96
	38 2-Butanone	72	4.360	4.360	(0.806)	27675	50.0000	50
	40 Bromochloromethane	128	4.574	4.574	(0.846)	85545	50.0000	48
	41 Tetrahydrofuran	42	4.569	4.569	(0.845)	89514	50.0000	48
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	196574	100.000	100
	42 Chloroform	83	4.622	4.622	(0.855)	364660	50.0000	51
	44 Cyclohexane	56	4.761	4.761	(0.880)	376886	50.0000	47
	43 1,1,1-Trichloroethane	97	4.772	4.772	(0.882)	273985	50.0000	52
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	215361	50.0000	51
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	236093	50.0000	52
	48 Benzene	78	5.120	5.120	(0.577)	831789	50.0000	52
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.130	(0.950)	187232	50.0000	50
	61 Isopropyl Acetate	43	5.173	5.168	(0.956)	1168249	100.000	96
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.958)	560389	50.0000	51
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	313343	50.0000	50
	51 n-Heptane	57	5.270	5.270	(0.974)	104397	50.0000	49
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	582856	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.633	5.633	(1.042)	73039	100.000	85
	54 Trichloroethene	95	5.762	5.762	(1.065)	185843	50.0000	51
	55 Ethyl Acrylate	73	5.880	5.874	(1.087)	17968	50.0000	48
	56 Methyl cyclohexane	83	5.890	5.890	(1.089)	271727	50.0000	47
	57 1,2-Dichloropropane	63	6.051	6.051	(1.119)	228369	50.0000	50
	59 Methyl Methacrylate	100	6.126	6.120	(1.133)	40058	50.0000	50
	75 Propyl Acetate	43	6.179	6.179	(1.142)	350242	50.0000	49
	60 1,4-Dioxane	88	6.168	6.168	(1.140)	10143	200.000	200
	58 Dibromomethane	93	6.184	6.179	(1.143)	132687	50.0000	49
	68 Bromodichloromethane	83	6.334	6.329	(1.171)	275078	50.0000	51
	62 2-Chloroethyl Vinyl Ether	63	6.666	6.666	(1.232)	130738	50.0000	41
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	504207	1000.00	1000
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	323407	50.0000	52
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.789)	247765	50.0000	51

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10316.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	417872	50.0000	51
	66 Toluene	91	7.158	7.158	(0.807)	741324	50.0000	52
	64 trans-1,3-Dichloropropene	75	7.506	7.500	(0.846)	266965	50.0000	50
	175 Ethyl methacrylate	69	7.533	7.532	(1.393)	240873	50.0000	41
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	156510	50.0000	50
	71 Tetrachloroethene	166	7.773	7.773	(0.876)	126034	50.0000	52
	72 1,3-Dichloropropane	76	7.934	7.928	(0.894)	299123	50.0000	50
	73 2-Hexanone	43	7.998	7.993	(0.902)	157596	50.0000	51
	76 Butyl Acetate	73	8.110	8.105	(0.914)	90529	100.000	87
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	167457	50.0000	49
	77 1,2-Dibromoethane	107	8.324	8.319	(0.938)	164855	50.0000	50
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	380921	50.0000	
	79 Chlorobenzene	112	8.908	8.907	(1.004)	419196	50.0000	51
	81 Ethylbenzene	106	9.014	9.009	(1.016)	223226	50.0000	46
	80 1,1,1,2-Tetrachloroethane	131	9.031	9.025	(1.018)	153277	50.0000	50
	82 m+p-Xylene	106	9.164	9.164	(1.033)	567749	100.000	96
	83 Butyl Acrylate	73	9.587	9.587	(1.081)	133891	50.0000	40
	84 o-Xylene	106	9.603	9.603	(1.083)	298565	50.0000	48
	85 Styrene	104	9.635	9.630	(1.086)	507508	50.0000	48
	87 Amyl Acetate	43	9.806	9.806	(0.893)	391716	50.0000	41
	86 Bromoform	173	9.833	9.828	(1.109)	106943	50.0000	49
	88 Isopropylbenzene	105	9.945	9.940	(1.121)	731339	50.0000	48
$	89 Bromofluorobenzene (SUR)	174	10.122	10.116	(0.922)	133546	50.0000	50
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	276811	50.0000	50
	91 Bromobenzene	156	10.234	10.234	(0.932)	162353	50.0000	50
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	978499	50.0000	51
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.320	(0.940)	69630	50.0000	50
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	59735	50.0000	48
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	685065	50.0000	54
	188 4-Ethyltoluene	105	10.389	10.384	(0.946)	712946	50.0000	50
	97 1,3,5-Trimethylbenzene	105	10.443	10.437	(0.951)	621818	50.0000	48
	99 Butyl Methacrylate	87	10.518	10.512	(0.958)	232970	50.0000	42
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	598920	50.0000	54
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	436446	50.0000	45
	101 1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	641254	50.0000	48
	102 2-Octanone	43	10.807	10.806	(0.984)	372734	50.0000	38
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	758127	50.0000	49
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	579447	50.0000	47
	105 1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	319756	50.0000	51
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	191552	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	324854	50.0000	50
	110 Benzyl Chloride	91	11.096	11.101	(1.010)	385091	50.0000	48
	187 1,4-Diethylbenzene	119	11.181	11.181	(2.067)	343669	50.0000	47
	171 Indan	117	11.144	11.149	(2.060)	639592	50.0000	48
	106 n-Butylbenzene	91	11.197	11.197	(1.019)	788449	50.0000	52
	111 1,2-Dichlorobenzene	146	11.245	11.251	(1.024)	319761	50.0000	51
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.737	(1.067)	53976	50.0000	48

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10316.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
186	1,2,4,5-Tetramethylbenzene	119	11.647	11.668	(2.153)	535016	50.0000	44
114	1,2,4-Trichlorobenzene	180	12.203	12.224	(1.111)	200191	50.0000	52(H)
115	Hexachlorobutadiene	225	12.267	12.288	(1.117)	63237	50.0000	50
116	Naphthalene	128	12.374	12.395	(1.127)	641948	50.0000	52
117	1,2,3-Trichlorobenzene	180	12.535	12.556	(1.141)	191267	50.0000	50
M 120	1,2-Dichloroethene (Total)	100				384221	100.000	100
M 121	Xylene (Total)	100				866314	150.000	140

QC Flag Legend

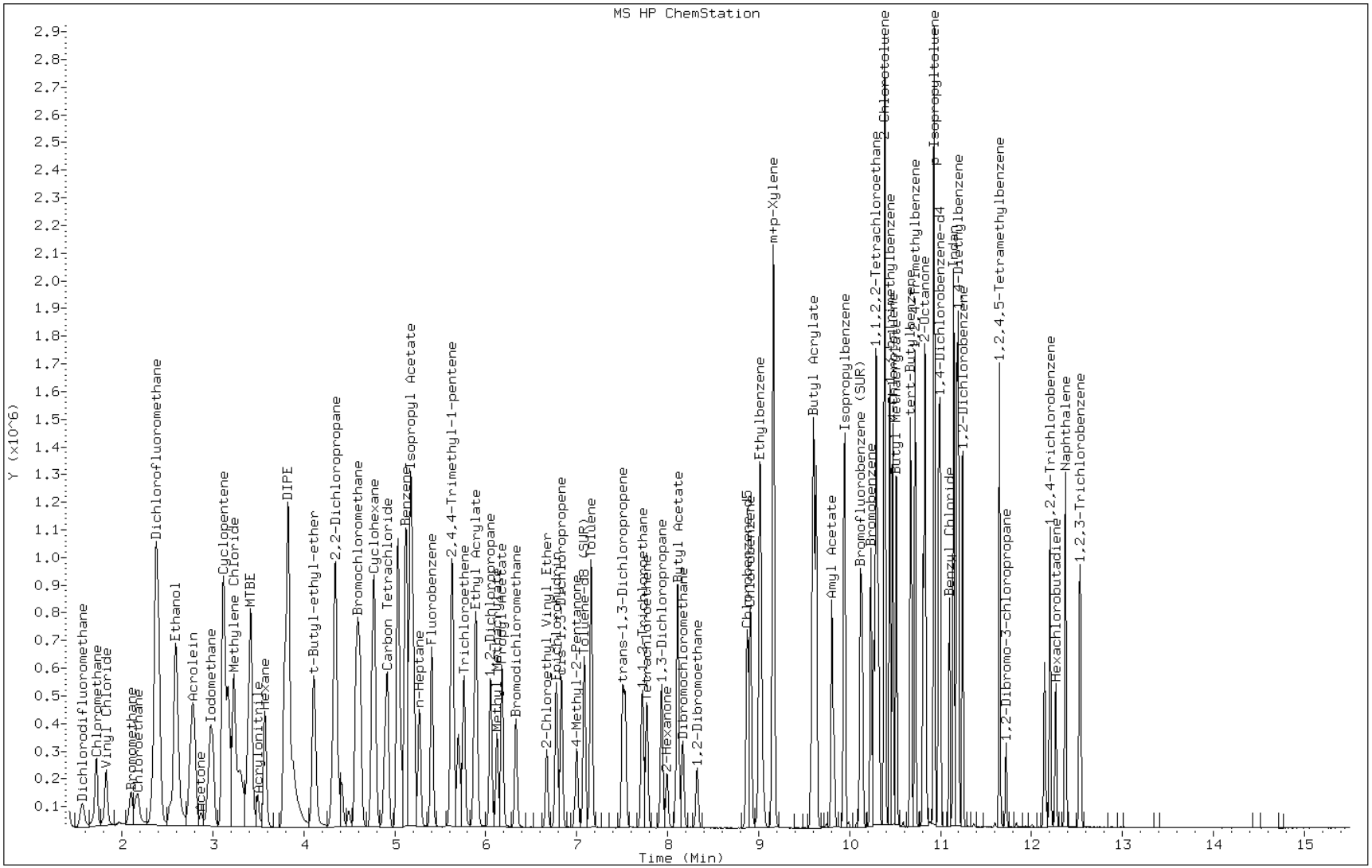
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: k10316.d

Date: 05-MAR-2013 23:29

Client ID: Instrument: VOAMS9.i

Sample Info: IC-VM8CAL4 Operator:



Manual Integration Report

Data File: k10316.d
Inj. Date and Time: 05-MAR-2013 23:29
Instrument ID: VOAMS9.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/07/2013

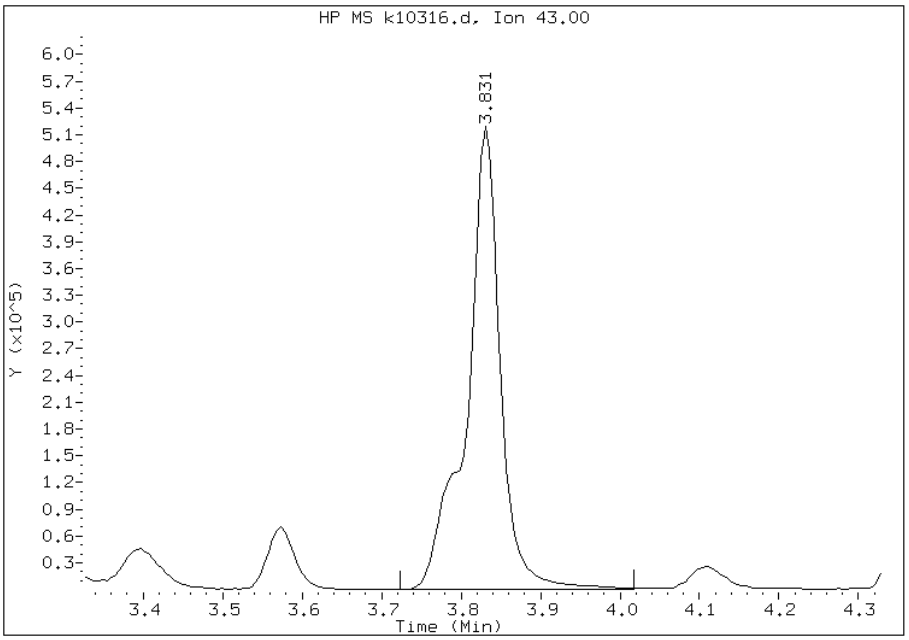
Processing Integration Results

RT: 3.83

Response: 1524306

Amount: 100

Conc: 100



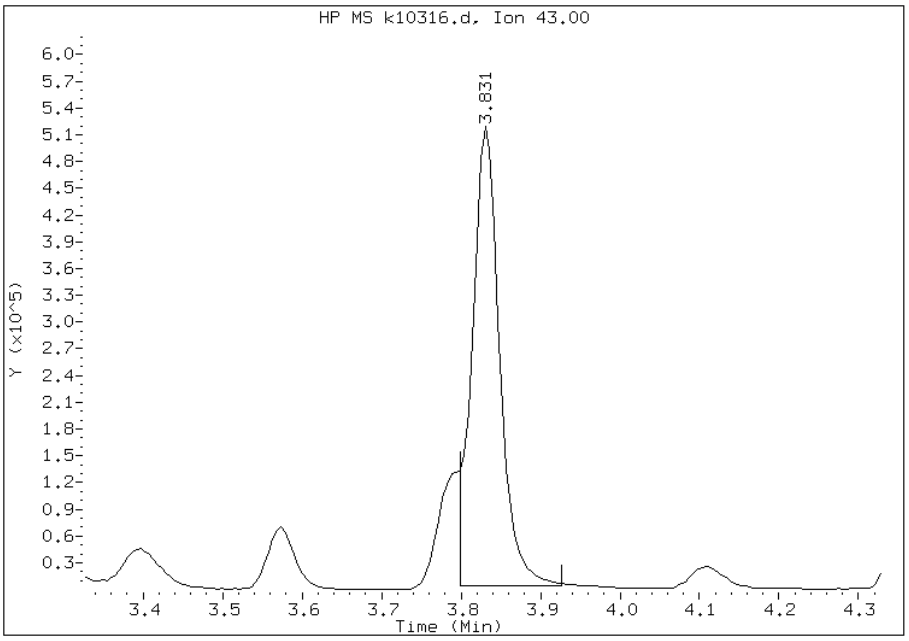
Manual Integration Results

RT: 3.83

Response: 1262906

Amount: 88

Conc: 88



Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10317.d
Report Date: 07-Mar-2013 09:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10317.d
Lab Smp Id: IC-VM8CAL5
Inj Date : 05-MAR-2013 23:52
Operator : Inst ID: VOAMS9.i
Smp Info : IC-VM8CAL5
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 09:15 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:52 Cal File: k10317.d
Als bottle: 12 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.562	1.573	(0.289)	889780	200.000	210
3	Chloromethane	50	1.723	1.728	(0.318)	1515594	200.000	200
4	Vinyl Chloride	62	1.824	1.830	(0.337)	1301981	200.000	220
6	Bromomethane	94	2.103	2.108	(0.389)	516157	200.000	180
5	Chloroethane	64	2.172	2.161	(0.402)	641645	200.000	200
183	Dichlorofluoromethane	67	2.359	2.365	(0.436)	2063672	200.000	200
7	Trichlorofluoromethane	101	2.381	2.386	(0.440)	1355842	200.000	210
8	n-Pentane	72	2.402	2.386	(0.444)	323704	400.000	410(A)
9	Ethanol	46	2.568	2.552	(0.475)	199301	5000.00	5200
11	Ethyl Ether	59	2.573	2.579	(0.476)	787293	200.000	190
10	Isoprene	67	2.595	2.600	(0.480)	1279528	200.000	210
13	Acrolein	56	2.744	2.755	(0.507)	201020	200.000	200
14	Freon TF	101	2.766	2.771	(0.511)	772371	200.000	210
15	1,1-Dichloroethene	96	2.798	2.793	(0.517)	641098	200.000	200
16	Acetone	43	2.873	2.878	(0.531)	401514	200.000	200
17	Iodomethane	142	2.953	2.948	(0.546)	1111188	200.000	200

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10317.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.991	2.985	(0.553)	3345942	200.000	200
	170 Cyclopentene	67	3.124	3.130	(0.578)	2581466	200.000	220
	27 Methyl Acetate	43	3.114	3.119	(0.576)	997530	200.000	200
	21 Acetonitrile	39	3.162	3.167	(0.585)	751371	4000.00	3900
	22 Methylene Chloride	84	3.231	3.237	(0.597)	936559	200.000	190
	24 TBA	59	3.301	3.301	(0.610)	2285927	4000.00	4000(A)
	28 MTBE	73	3.397	3.397	(0.628)	2611968	200.000	210
	25 trans-1,2-Dichloroethene	96	3.419	3.424	(0.632)	775123	200.000	200
	26 Acrylonitrile	53	3.493	3.499	(0.646)	217507	100.000	98
	29 Hexane	43	3.574	3.579	(0.661)	760215	200.000	220
	32 DIPE	45	3.788	3.788	(0.700)	3636685	200.000	220
	30 1,1-Dichloroethane	63	3.820	3.825	(0.706)	1795252	200.000	200
	31 Vinyl Acetate	43	3.830	3.830	(0.708)	5713462	400.000	380(M)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	2902910	200.000	210
	37 2,2-Dichloropropane	77	4.333	4.328	(0.801)	1198018	200.000	210
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	896817	200.000	200
	39 Ethyl Acetate	70	4.360	4.365	(0.806)	221835	400.000	410
	38 2-Butanone	72	4.360	4.360	(0.806)	125671	200.000	210
	40 Bromochloromethane	128	4.569	4.574	(0.845)	371505	200.000	190
	41 Tetrahydrofuran	42	4.574	4.569	(0.846)	413923	200.000	200
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	897141	400.000	420
	42 Chloroform	83	4.622	4.622	(0.855)	1563117	200.000	200
	44 Cyclohexane	56	4.761	4.761	(0.880)	1764615	200.000	200
	43 1,1,1-Trichloroethane	97	4.777	4.772	(0.883)	1244228	200.000	220
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	977462	200.000	210
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	1091948	200.000	220
	48 Benzene	78	5.120	5.120	(0.577)	3638147	200.000	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.130	(0.950)	203349	50.0000	50
	61 Isopropyl Acetate	43	5.173	5.168	(0.956)	5511752	400.000	410
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.958)	2648167	200.000	220
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	1358993	200.000	200
	51 n-Heptane	57	5.270	5.270	(0.974)	485169	200.000	210
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	638080	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.633	5.633	(1.042)	373244	400.000	400
	54 Trichloroethene	95	5.762	5.762	(1.065)	828659	200.000	210
	55 Ethyl Acrylate	73	5.879	5.874	(1.087)	86532	200.000	210
	56 Methyl cyclohexane	83	5.895	5.890	(1.090)	1269629	200.000	200
	57 1,2-Dichloropropane	63	6.056	6.051	(1.120)	1030781	200.000	210
	59 Methyl Methacrylate	100	6.126	6.120	(1.133)	199866	200.000	230
	75 Propyl Acetate	43	6.179	6.179	(1.142)	1688105	200.000	220
	60 1,4-Dioxane	88	6.174	6.168	(1.141)	17066	250.000	300(A)
	58 Dibromomethane	93	6.184	6.179	(1.143)	587877	200.000	200
	68 Bromodichloromethane	83	6.334	6.329	(1.171)	1215051	200.000	200
	62 2-Chloroethyl Vinyl Ether	63	6.666	6.666	(1.232)	666906	200.000	190
	63 Epichlorohydrin	57	6.778	6.773	(0.764)	2346664	4000.00	4200
	67 cis-1,3-Dichloropropene	75	6.837	6.832	(0.770)	1526590	200.000	220
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.788)	1230731	200.000	230

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	465732	50.0000	50
	66 Toluene	91	7.163	7.158	(0.807)	3412897	200.000	220
	64 trans-1,3-Dichloropropene	75	7.506	7.500	(0.846)	1315110	200.000	220
	175 Ethyl methacrylate	69	7.532	7.532	(1.393)	1221478	200.000	190
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	710817	200.000	200
	71 Tetrachloroethene	166	7.773	7.773	(0.876)	589644	200.000	220
	72 1,3-Dichloropropane	76	7.934	7.928	(0.894)	1373554	200.000	200
	73 2-Hexanone	43	7.993	7.993	(0.901)	778596	200.000	220
	76 Butyl Acetate	73	8.110	8.105	(0.914)	451521	400.000	390
	74 Dibromochloromethane	129	8.169	8.164	(0.920)	757758	200.000	200
	77 1,2-Dibromoethane	107	8.324	8.319	(0.938)	748947	200.000	200
*	78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	427739	50.0000	
	79 Chlorobenzene	112	8.913	8.907	(1.004)	1933675	200.000	210
	81 Ethylbenzene	106	9.014	9.009	(1.016)	1077564	200.000	200
	80 1,1,1,2-Tetrachloroethane	131	9.030	9.025	(1.017)	722680	200.000	210
	82 m+p-Xylene	106	9.169	9.164	(1.033)	2661205	400.000	400
	83 Butyl Acrylate	73	9.587	9.587	(1.080)	717049	200.000	190
	84 o-Xylene	106	9.608	9.603	(1.083)	1398282	200.000	200
	85 Styrene	104	9.635	9.630	(1.086)	2345942	200.000	200
	87 Amyl Acetate	43	9.806	9.806	(0.893)	2020472	200.000	190
	86 Bromoform	173	9.833	9.828	(1.108)	494895	200.000	200(A)
	88 Isopropylbenzene	105	9.945	9.940	(1.121)	3482120	200.000	200
$	89 Bromofluorobenzene (SUR)	174	10.122	10.116	(0.922)	148203	50.0000	51
	92 1,1,2,2-Tetrachloroethane	83	10.272	10.266	(0.935)	1214038	200.000	200
	91 Bromobenzene	156	10.239	10.234	(0.932)	750831	200.000	210
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	4526690	200.000	220
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.320	(0.940)	324211	200.000	210
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	269827	200.000	200
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	3178428	200.000	230
	188 4-Ethyltoluene	105	10.389	10.384	(0.946)	3275830	200.000	210
	97 1,3,5-Trimethylbenzene	105	10.443	10.437	(0.951)	2929121	200.000	200
	99 Butyl Methacrylate	87	10.518	10.512	(0.958)	1184849	200.000	200
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	2748226	200.000	220
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	2165296	200.000	200
	101 1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	3039144	200.000	210
	102 2-Octanone	43	10.806	10.806	(0.984)	2022817	200.000	190
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	3604896	200.000	210
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	2844046	200.000	210
	105 1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	1502324	200.000	220
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	210766	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	1476327	200.000	210
	110 Benzyl Chloride	91	11.095	11.101	(1.010)	1920916	200.000	220
	187 1,4-Diethylbenzene	119	11.181	11.181	(2.067)	1579424	200.000	200
	171 Indan	117	11.144	11.149	(2.060)	2900625	200.000	200
	106 n-Butylbenzene	91	11.197	11.197	(1.019)	3578760	200.000	210
	111 1,2-Dichlorobenzene	146	11.245	11.251	(1.024)	1458754	200.000	210
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.737	(1.067)	245533	200.000	200

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		QUANT SIG					AMOUNTS	
							CAL-AMT	ON-COL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
186	1,2,4,5-Tetramethylbenzene	119	11.652	11.668	(2.154)	2615827	200.000	200
114	1,2,4-Trichlorobenzene	180	12.203	12.224	(1.111)	919536	200.000	220
115	Hexachlorobutadiene	225	12.267	12.288	(1.117)	292299	200.000	210
116	Naphthalene	128	12.374	12.395	(1.127)	3079263	200.000	230
117	1,2,3-Trichlorobenzene	180	12.534	12.556	(1.141)	880679	200.000	210
M 120	1,2-Dichloroethene (Total)	100				1671940	400.000	400
M 121	Xylene (Total)	100				4059487	600.000	600

QC Flag Legend

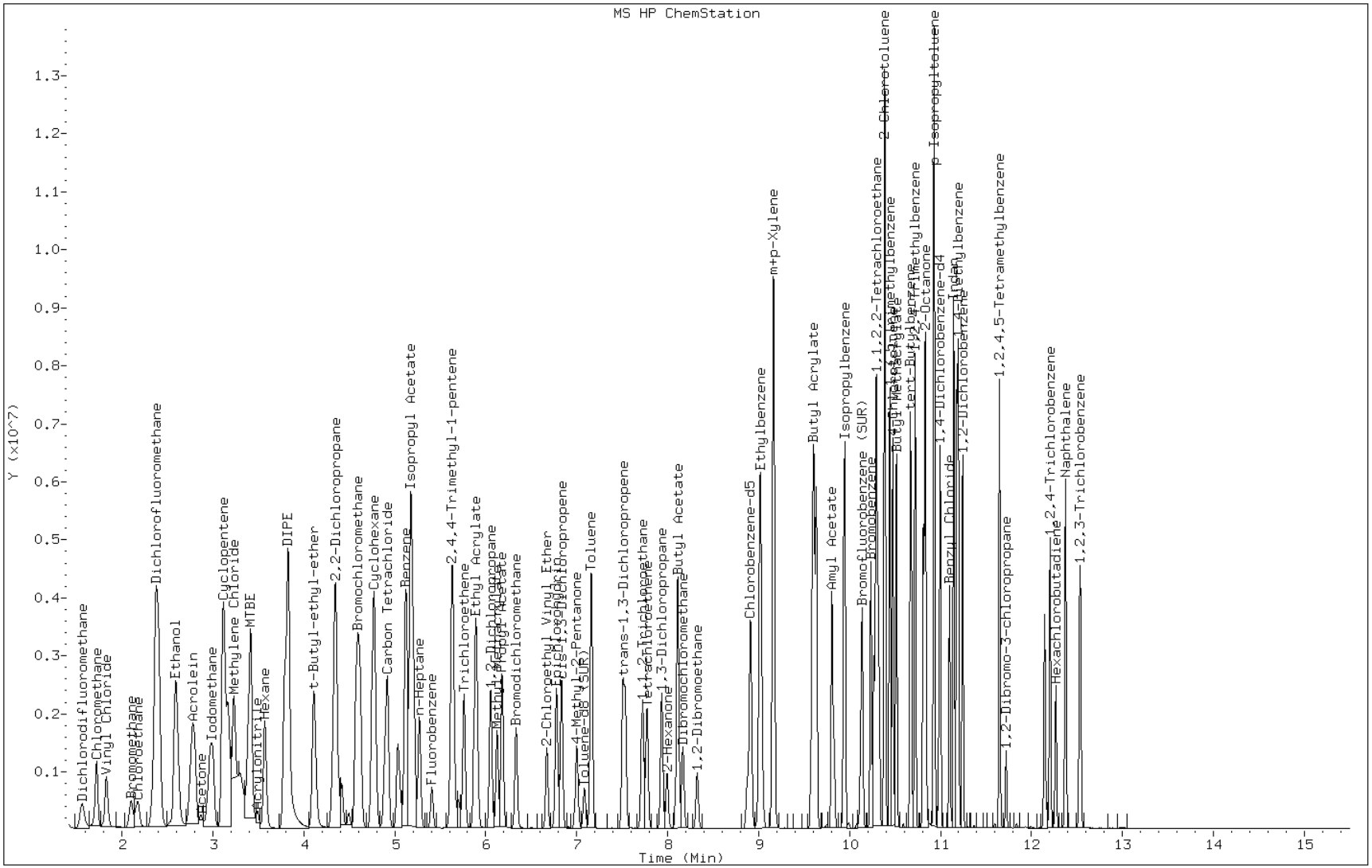
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: k10317.d

Date: 05-MAR-2013 23:52

Client ID: Instrument: VOAMS9.i

Sample Info: IC-VM8CAL5 Operator:



Manual Integration Report

Data File: k10317.d
Inj. Date and Time: 05-MAR-2013 23:52
Instrument ID: VOAMS9.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/07/2013

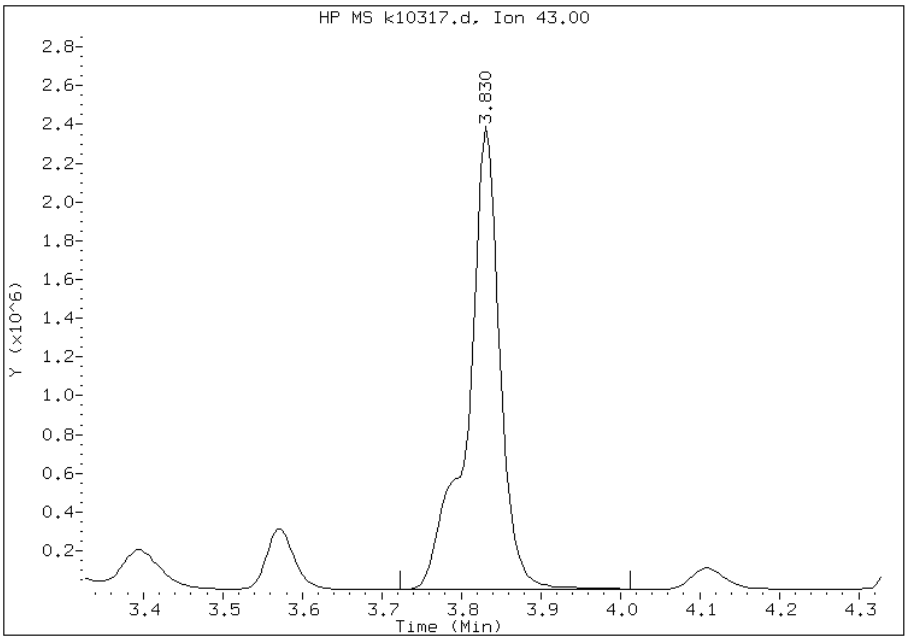
Processing Integration Results

RT: 3.83

Response: 6717974

Amount: 400

Conc: 400



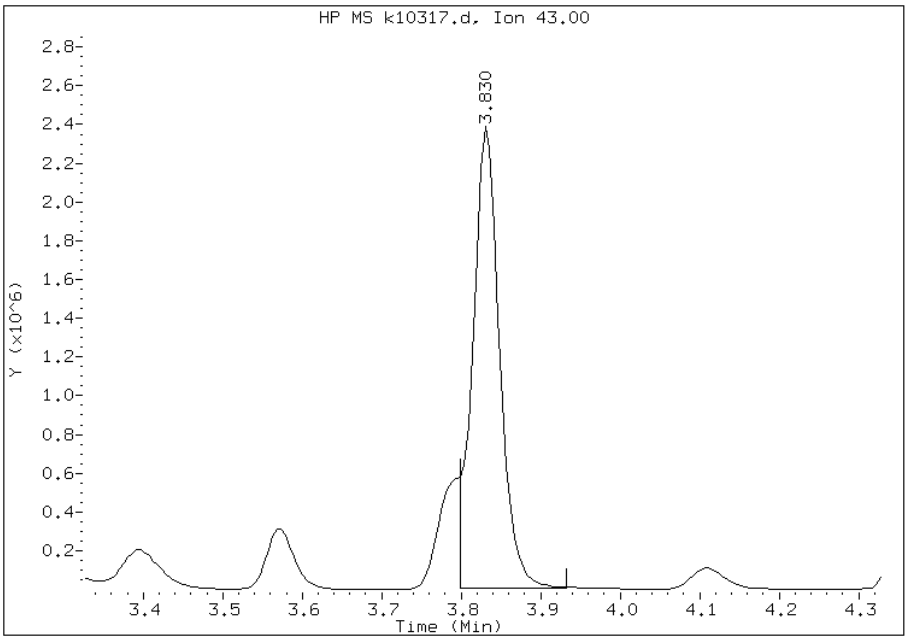
Manual Integration Results

RT: 3.83

Response: 5713462

Amount: 375

Conc: 375



Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10315.d
Report Date: 07-Mar-2013 09:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10315.d
Lab Smp Id: IC-VM8CAL1
Inj Date : 05-MAR-2013 23:05
Operator : Inst ID: VOAMS9.i
Smp Info : IC-VM8CAL1
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 09:30 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.568	1.573	(0.290)	4028	1.00000	1.1
3	Chloromethane	50	1.718	1.728	(0.318)	7834	1.00000	1.2
4	Vinyl Chloride	62	1.819	1.830	(0.336)	5712	1.00000	1.1
6	Bromomethane	94	2.097	2.108	(0.388)	2811	1.00000	1.1
5	Chloroethane	64	2.156	2.161	(0.399)	3043	1.00000	1.1
183	Dichlorofluoromethane	67	2.360	2.365	(0.436)	9863	1.00000	1.1
7	Trichlorofluoromethane	101	2.370	2.386	(0.438)	6402	1.00000	1.1
8	n-Pentane	72	2.418	2.386	(0.447)	2186	2.00000	3.2
9	Ethanol	46	2.541	2.552	(0.470)	42145	1000.00	1200
11	Ethyl Ether	59	2.574	2.579	(0.476)	3754	1.00000	1.0
10	Isoprene	67	2.606	2.600	(0.482)	5546	1.00000	1.0
13	Acrolein	56	2.750	2.755	(0.508)	5021	4.00000	6.0
14	Freon TF	101	2.755	2.771	(0.509)	3363	1.00000	1.1
15	1,1-Dichloroethene	96	2.788	2.793	(0.515)	2983	1.00000	1.1
16	Acetone	43	2.873	2.878	(0.531)	8699	5.00000	5.1
17	Iodomethane	142	2.948	2.948	(0.545)	4874	1.00000	1.0

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.980	2.985	(0.551)	14293	1.00000	1.0
	170 Cyclopentene	67	3.125	3.130	(0.578)	9195	1.00000	0.91(a)
	27 Methyl Acetate	43	3.114	3.119	(0.576)	4183	1.00000	0.98(a)
	21 Acetonitrile	39	3.194	3.167	(0.591)	3409	20.0000	20
	22 Methylene Chloride	84	3.232	3.237	(0.597)	4200	1.00000	1.0
	24 TBA	59	3.306	3.301	(0.611)	10989	20.0000	23
	28 MTBE	73	3.387	3.397	(0.626)	9554	1.00000	0.89(a)
	25 trans-1,2-Dichloroethene	96	3.413	3.424	(0.631)	3270	1.00000	0.99(a)
	26 Acrylonitrile	53	3.494	3.499	(0.646)	4011	2.00000	2.1
	29 Hexane	43	3.563	3.579	(0.659)	2817	1.00000	0.93(a)
	32 DIPE	45	3.793	3.788	(0.701)	11450	1.00000	0.80(a)
	30 1,1-Dichloroethane	63	3.820	3.825	(0.706)	7765	1.00000	1.0
	31 Vinyl Acetate	43	3.831	3.830	(0.708)	20370	2.00000	1.7(a)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	12076	1.00000	1.00
	37 2,2-Dichloropropane	77	4.334	4.328	(0.801)	4901	1.00000	1.00
	36 cis-1,2-Dichloroethene	96	4.339	4.344	(0.802)	3589	1.00000	0.95(a)
	39 Ethyl Acetate	70	4.355	4.365	(0.805)	989	2.00000	2.1
	38 2-Butanone	72	4.360	4.360	(0.806)	2618	5.00000	5.0
	40 Bromochloromethane	128	4.569	4.574	(0.845)	1699	1.00000	1.0
	41 Tetrahydrofuran	42	4.569	4.569	(0.845)	1769	1.00000	1.0
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	3114	2.00000	1.7(a)
	42 Chloroform	83	4.617	4.622	(0.854)	6362	1.00000	0.95(a)
	44 Cyclohexane	56	4.767	4.761	(0.881)	5737	1.00000	0.75(a)
	43 1,1,1-Trichloroethane	97	4.772	4.772	(0.882)	4568	1.00000	0.92(a)
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	4020	1.00000	1.0
	46 1,1-Dichloropropene	75	4.917	4.922	(0.909)	3909	1.00000	0.92(a)
	48 Benzene	78	5.120	5.120	(0.577)	14768	1.00000	1.00
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.130	(0.950)	181087	50.0000	51
	61 Isopropyl Acetate	43	5.168	5.168	(0.955)	23735	2.00000	2.1
	50 t-Amyl-methyl-ether	73	5.179	5.184	(0.957)	8452	1.00000	0.82(a)
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	5729	1.00000	0.97(a)
	51 n-Heptane	57	5.270	5.270	(0.974)	2037	1.00000	1.0(a)
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	548787	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.623	5.633	(1.040)	1098	2.00000	1.4(a)
	54 Trichloroethene	95	5.757	5.762	(1.064)	3290	1.00000	0.96(a)
	55 Ethyl Acrylate	73	5.869	5.874	(1.085)	315	1.00000	0.90(a)
	56 Methyl cyclohexane	83	5.890	5.890	(1.089)	4093	1.00000	0.75(a)
	57 1,2-Dichloropropane	63	6.051	6.051	(1.119)	3952	1.00000	0.92(a)
	59 Methyl Methacrylate	100	6.131	6.120	(1.134)	616	1.00000	0.81(a)
	75 Propyl Acetate	43	6.179	6.179	(1.142)	6234	1.00000	0.93(a)
	60 1,4-Dioxane	88	6.163	6.168	(1.139)	2716	50.0000	55
	58 Dibromomethane	93	6.179	6.179	(1.142)	2452	1.00000	0.96(a)
	68 Bromodichloromethane	83	6.334	6.329	(1.171)	4671	1.00000	0.92(a)
	62 2-Chloroethyl Vinyl Ether	63	6.671	6.666	(1.233)	1746	1.00000	0.58(a)
	63 Epichlorohydrin	57	6.778	6.773	(0.764)	8559	20.0000	19
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	4884	1.00000	0.84(a)
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.788)	18556	5.00000	4.2(a)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10315.d
Report Date: 07-Mar-2013 09:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	370954	50.0000	49
	66 Toluene	91	7.158	7.158	(0.807)	11618	1.00000	0.89(a)
	64 trans-1,3-Dichloropropene	75	7.501	7.500	(0.845)	4351	1.00000	0.88(a)
	175 Ethyl methacrylate	69	7.533	7.532	(1.393)	3012	1.00000	0.54(a)
	69 1,1,2-Trichloroethane	83	7.725	7.720	(0.870)	2598	1.00000	0.90(a)
	71 Tetrachloroethene	166	7.768	7.773	(0.875)	2269	1.00000	1.0
	72 1,3-Dichloropropane	76	7.939	7.928	(0.895)	5445	1.00000	0.98(a)
	73 2-Hexanone	43	7.998	7.993	(0.901)	12080	5.00000	4.2(a)
	76 Butyl Acetate	73	8.105	8.105	(0.913)	1198	2.00000	1.2(a)
	74 Dibromochloromethane	129	8.159	8.164	(0.919)	3053	1.00000	0.97(a)
	77 1,2-Dibromoethane	107	8.319	8.319	(0.937)	2956	1.00000	0.97(a)
*	78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	351236	50.0000	
	79 Chlorobenzene	112	8.908	8.907	(1.004)	7061	1.00000	0.93(a)
	81 Ethylbenzene	106	9.009	9.009	(1.015)	3071	1.00000	0.69(a)
	80 1,1,1,2-Tetrachloroethane	131	9.020	9.025	(1.016)	2686	1.00000	0.94(a)
	82 m+p-Xylene	106	9.170	9.164	(1.033)	7365	2.00000	1.4
	83 Butyl Acrylate	73	9.587	9.587	(1.080)	1499	1.00000	0.48(a)
	84 o-Xylene	106	9.608	9.603	(1.083)	3523	1.00000	0.61(a)
	85 Styrene	104	9.630	9.630	(1.085)	5724	1.00000	0.59(a)
	87 Amyl Acetate	43	9.806	9.806	(0.893)	4666	1.00000	0.56(a)
	86 Bromoform	173	9.828	9.828	(1.107)	1896	1.00000	0.95(a)
	88 Isopropylbenzene	105	9.940	9.940	(1.120)	8112	1.00000	0.58(a)
$	89 Bromofluorobenzene (SUR)	174	10.122	10.116	(0.922)	114409	50.0000	49
	92 1,1,2,2-Tetrachloroethane	83	10.272	10.266	(0.935)	4750	1.00000	0.97(a)
	91 Bromobenzene	156	10.234	10.234	(0.932)	2775	1.00000	0.97(a)
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	12941	1.00000	0.77(a)
	94 trans-1,4-Dichloro-2-butene	53	10.320	10.320	(0.940)	1204	1.00000	0.98(a)
	93 1,2,3-Trichloropropane	110	10.304	10.309	(0.938)	1182	1.00000	1.1
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	9370	1.00000	0.84(a)
	188 4-Ethyltoluene	105	10.389	10.384	(0.946)	8494	1.00000	0.68(a)
	97 1,3,5-Trimethylbenzene	105	10.438	10.437	(0.950)	7005	1.00000	0.61(a)
	99 Butyl Methacrylate	87	10.518	10.512	(0.958)	2436	1.00000	0.50(a)
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	7876	1.00000	0.80(a)
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	4946	1.00000	0.58(a)
	101 1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	6904	1.00000	0.59(a)
	102 2-Octanone	43	10.812	10.806	(0.984)	4398	1.00000	0.51(a)
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	8609	1.00000	0.64(a)
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	6340	1.00000	0.59(a)
	105 1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	5010	1.00000	0.91(a)
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	168117	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	5416	1.00000	0.96(a)
	110 Benzyl Chloride	91	11.096	11.101	(1.010)	6226	1.00000	0.89(a)
	187 1,4-Diethylbenzene	119	11.176	11.181	(2.066)	3942	1.00000	0.57(a)
	171 Indan	117	11.144	11.149	(2.060)	7911	1.00000	0.63(a)
	106 n-Butylbenzene	91	11.197	11.197	(1.019)	10115	1.00000	0.76(a)
	111 1,2-Dichlorobenzene	146	11.245	11.251	(1.024)	4882	1.00000	0.89(a)
	112 1,2-Dibromo-3-chloropropane	75	11.722	11.737	(1.067)	1029	1.00000	1.0

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10315.d
Report Date: 07-Mar-2013 09:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
114	1,2,4-Trichlorobenzene	180	12.203	12.224	(1.111)	3149	1.00000	0.93(a)
115	Hexachlorobutadiene	225	12.267	12.288	(1.117)	1402	1.00000	1.2
116	Naphthalene	128	12.374	12.395	(1.127)	9569	1.00000	0.89(a)
117	1,2,3-Trichlorobenzene	180	12.535	12.556	(1.141)	3519	1.00000	1.0
M 120	1,2-Dichloroethene (Total)	100				6859	2.00000	1.9(a)
M 121	Xylene (Total)	100				10888	3.00000	2.0(a)

QC Flag Legend

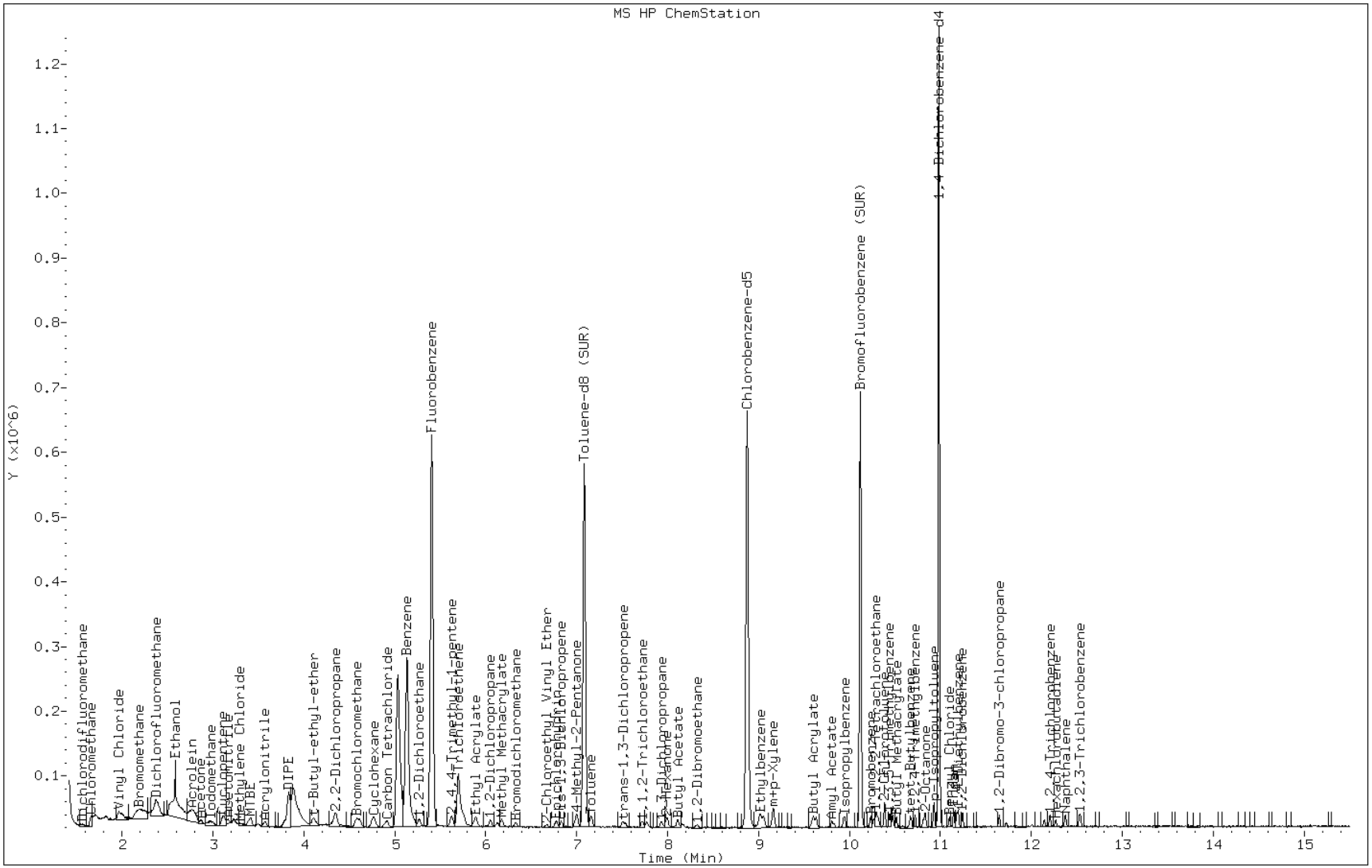
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: k10315.d

Date: 05-MAR-2013 23:05

Client ID: Instrument: VOAMS9.i

Sample Info: IC-VM8CAL1 Operator:



Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10318.d
Report Date: 07-Mar-2013 09:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10318.d
Lab Smp Id: IC-VM8CAL6
Inj Date : 06-MAR-2013 00:16
Operator : Inst ID: VOAMS9.i
Smp Info : IC-VM8CAL6
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 09:15 vibha Quant Type: ISTD
Cal Date : 06-MAR-2013 00:16 Cal File: k10318.d
Als bottle: 13 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.562	1.573	(0.289)	2285018	500.000	500
3 Chloromethane	50	1.728	1.728	(0.320)	3844445	500.000	480
4 Vinyl Chloride	62	1.830	1.830	(0.338)	3363916	500.000	530(A)
6 Bromomethane	94	2.108	2.108	(0.390)	1390774	500.000	440
5 Chloroethane	64	2.178	2.161	(0.403)	1601581	500.000	470
183 Dichlorofluoromethane	67	2.360	2.365	(0.436)	5196276	500.000	460
7 Trichlorofluoromethane	101	2.381	2.386	(0.440)	3467865	500.000	500
8 n-Pentane	72	2.402	2.386	(0.444)	832416	1000.00	990(A)
9 Ethanol	46	2.568	2.552	(0.475)	271565	6000.00	6600(A)
11 Ethyl Ether	59	2.574	2.579	(0.476)	2015351	500.000	450
10 Isoprene	67	2.600	2.600	(0.481)	3358118	500.000	510(A)
13 Acrolein	56	2.745	2.755	(0.507)	413660	400.000	390
14 Freon TF	101	2.771	2.771	(0.512)	2008313	500.000	510(A)
15 1,1-Dichloroethene	96	2.804	2.793	(0.518)	1692669	500.000	500
16 Acetone	43	2.873	2.878	(0.531)	999751	500.000	460
17 Iodomethane	142	2.953	2.948	(0.546)	3103320	500.000	510(A)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10318.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.996	2.985	(0.554)	8930481	500.000	500(A)
	170 Cyclopentene	67	3.130	3.130	(0.579)	7004191	500.000	560(A)
	27 Methyl Acetate	43	3.114	3.119	(0.576)	2611916	500.000	490
	21 Acetonitrile	39	3.157	3.167	(0.584)	1617495	10000.0	7800(AM)
	22 Methylene Chloride	84	3.237	3.237	(0.598)	2508700	500.000	480
	24 TBA	59	3.301	3.301	(0.610)	6721804	10000.0	11000(A)
	28 MTBE	73	3.397	3.397	(0.628)	7184434	500.000	540(A)
	25 trans-1,2-Dichloroethene	96	3.419	3.424	(0.632)	2087996	500.000	510(A)
	26 Acrylonitrile	53	3.494	3.499	(0.646)	474731	200.000	200
	29 Hexane	43	3.574	3.579	(0.661)	1942515	500.000	520(A)
	32 DIPE	45	3.788	3.788	(0.700)	9843197	500.000	550(A)
	30 1,1-Dichloroethane	63	3.820	3.825	(0.706)	4785214	500.000	500
	31 Vinyl Acetate	43	3.831	3.830	(0.708)	15955790	1000.00	1000(AM)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	7970047	500.000	530(A)
	37 2,2-Dichloropropane	77	4.334	4.328	(0.801)	3284339	500.000	540(A)
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	2432746	500.000	520(A)
	39 Ethyl Acetate	70	4.360	4.365	(0.806)	616052	1000.00	1100(A)
	38 2-Butanone	72	4.360	4.360	(0.806)	353824	500.000	550(A)
	40 Bromochloromethane	128	4.574	4.574	(0.846)	1004574	500.000	490
	41 Tetrahydrofuran	42	4.569	4.569	(0.845)	1138268	500.000	520(A)
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	2453854	1000.00	1100(A)
	42 Chloroform	83	4.622	4.622	(0.855)	4144966	500.000	500
	44 Cyclohexane	56	4.767	4.761	(0.881)	4743976	500.000	500(A)
	43 1,1,1-Trichloroethane	97	4.778	4.772	(0.883)	3383370	500.000	550(A)
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	2666041	500.000	540(A)
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	2951819	500.000	560(A)
	48 Benzene	78	5.120	5.120	(0.577)	9689811	500.000	480
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.130	(0.950)	222241	50.0000	50
	61 Isopropyl Acetate	43	5.173	5.168	(0.956)	15159412	1000.00	1000(A)
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.958)	7333231	500.000	570(A)
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	3617882	500.000	490
	51 n-Heptane	57	5.270	5.270	(0.974)	1245832	500.000	500
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	683503	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.634	5.633	(1.042)	1003980	1000.00	1000(A)
	54 Trichloroethene	95	5.762	5.762	(1.065)	2269528	500.000	530(A)
	55 Ethyl Acrylate	73	5.880	5.874	(1.087)	255248	500.000	590(A)
	56 Methyl cyclohexane	83	5.896	5.890	(1.090)	3386312	500.000	500
	57 1,2-Dichloropropane	63	6.056	6.051	(1.120)	2778768	500.000	520(A)
	59 Methyl Methacrylate	100	6.126	6.120	(1.133)	568091	500.000	600(A)
	75 Propyl Acetate	43	6.179	6.179	(1.142)	4868619	500.000	580(A)
	60 1,4-Dioxane	88	6.185	6.168	(1.143)	28357	300.000	470(A)
	58 Dibromomethane	93	6.185	6.179	(1.143)	1596641	500.000	500(A)
	68 Bromodichloromethane	83	6.334	6.329	(1.171)	3311516	500.000	520(A)
	62 2-Chloroethyl Vinyl Ether	63	6.671	6.666	(1.233)	1884316	500.000	500(A)
	63 Epichlorohydrin	57	6.778	6.773	(0.764)	6396943	10000.0	10000(A)
	67 cis-1,3-Dichloropropene	75	6.837	6.832	(0.770)	4232801	500.000	540(A)
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.788)	3492086	500.000	580(A)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10318.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	511522	50.0000	50
	66 Toluene	91	7.164	7.158	(0.807)	9318276	500.000	530(A)
	64 trans-1,3-Dichloropropene	75	7.506	7.500	(0.846)	3682583	500.000	550(A)
	175 Ethyl methacrylate	69	7.533	7.532	(1.393)	3511969	500.000	500(A)
	69 1,1,2-Trichloroethane	83	7.725	7.720	(0.870)	1950920	500.000	500(A)
	71 Tetrachloroethene	166	7.773	7.773	(0.876)	1667806	500.000	560(A)
	72 1,3-Dichloropropane	76	7.939	7.928	(0.895)	3741233	500.000	500
	73 2-Hexanone	43	7.998	7.993	(0.901)	2274705	500.000	590(A)
	76 Butyl Acetate	73	8.110	8.105	(0.914)	1302888	1000.00	1000(A)
	74 Dibromochloromethane	129	8.169	8.164	(0.920)	2111666	500.000	500
	77 1,2-Dibromoethane	107	8.324	8.319	(0.938)	2076192	500.000	500(A)
*	78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	474033	50.0000	
	79 Chlorobenzene	112	8.913	8.907	(1.004)	5406852	500.000	530(A)
	81 Ethylbenzene	106	9.015	9.009	(1.016)	3029016	500.000	500(A)
	80 1,1,1,2-Tetrachloroethane	131	9.031	9.025	(1.017)	2035831	500.000	530(A)
	82 m+p-Xylene	106	9.170	9.164	(1.033)	7346838	1000.00	1000
	83 Butyl Acrylate	73	9.587	9.587	(1.080)	2114652	500.000	500(A)
	84 o-Xylene	106	9.608	9.603	(1.083)	3868018	500.000	500(A)
	85 Styrene	104	9.635	9.630	(1.086)	6539618	500.000	500(A)
	87 Amyl Acetate	43	9.806	9.806	(0.893)	5914059	500.000	500(A)
	86 Bromoform	173	9.833	9.828	(1.108)	1424517	500.000	530(A)
	88 Isopropylbenzene	105	9.945	9.940	(1.121)	9373504	500.000	500
$	89 Bromofluorobenzene (SUR)	174	10.122	10.116	(0.922)	165004	50.0000	50
	92 1,1,2,2-Tetrachloroethane	83	10.272	10.266	(0.935)	3343481	500.000	490
	91 Bromobenzene	156	10.240	10.234	(0.932)	2148884	500.000	530(A)
	95 n-Propylbenzene	91	10.298	10.293	(0.938)	11630338	500.000	490
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.320	(0.940)	894785	500.000	520(A)
	93 1,2,3-Trichloropropane	110	10.315	10.309	(0.939)	747541	500.000	490
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	8527448	500.000	540(A)
	188 4-Ethyltoluene	105	10.389	10.384	(0.946)	8765628	500.000	500
	97 1,3,5-Trimethylbenzene	105	10.443	10.437	(0.951)	8002314	500.000	500
	99 Butyl Methacrylate	87	10.518	10.512	(0.958)	3423618	500.000	500(A)
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	7574841	500.000	550(A)
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	6003685	500.000	500
	101 1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	8140847	500.000	500
	102 2-Octanone	43	10.807	10.806	(0.984)	6158240	500.000	510(A)
	103 sec-Butylbenzene	105	10.833	10.828	(0.986)	9371498	500.000	490
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	7485723	500.000	500
	105 1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	4199020	500.000	540(A)
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	236684	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	4184811	500.000	530(A)
	110 Benzyl Chloride	91	11.101	11.101	(1.011)	5639891	500.000	580(A)
	187 1,4-Diethylbenzene	119	11.181	11.181	(2.067)	4321863	500.000	500(A)
	171 Indan	117	11.144	11.149	(2.060)	7820902	500.000	500(A)
	106 n-Butylbenzene	91	11.197	11.197	(1.019)	9320430	500.000	490
	111 1,2-Dichlorobenzene	146	11.245	11.251	(1.024)	4151026	500.000	540(A)
	112 1,2-Dibromo-3-chloropropane	75	11.722	11.737	(1.067)	707598	500.000	510(A)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10318.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.652	11.668	(2.154)	7094499	500.000	500(A)
	114 1,2,4-Trichlorobenzene	180	12.203	12.224	(1.111)	2612066	500.000	550(A)
	115 Hexachlorobutadiene	225	12.267	12.288	(1.117)	782073	500.000	500
	116 Naphthalene	128	12.374	12.395	(1.127)	8529045	500.000	560(A)
	117 1,2,3-Trichlorobenzene	180	12.535	12.556	(1.141)	2434317	500.000	510(A)
M	120 1,2-Dichloroethene (Total)	100				4520742	1000.00	1000
M	121 Xylene (Total)	100				11214856	1500.00	1500

QC Flag Legend

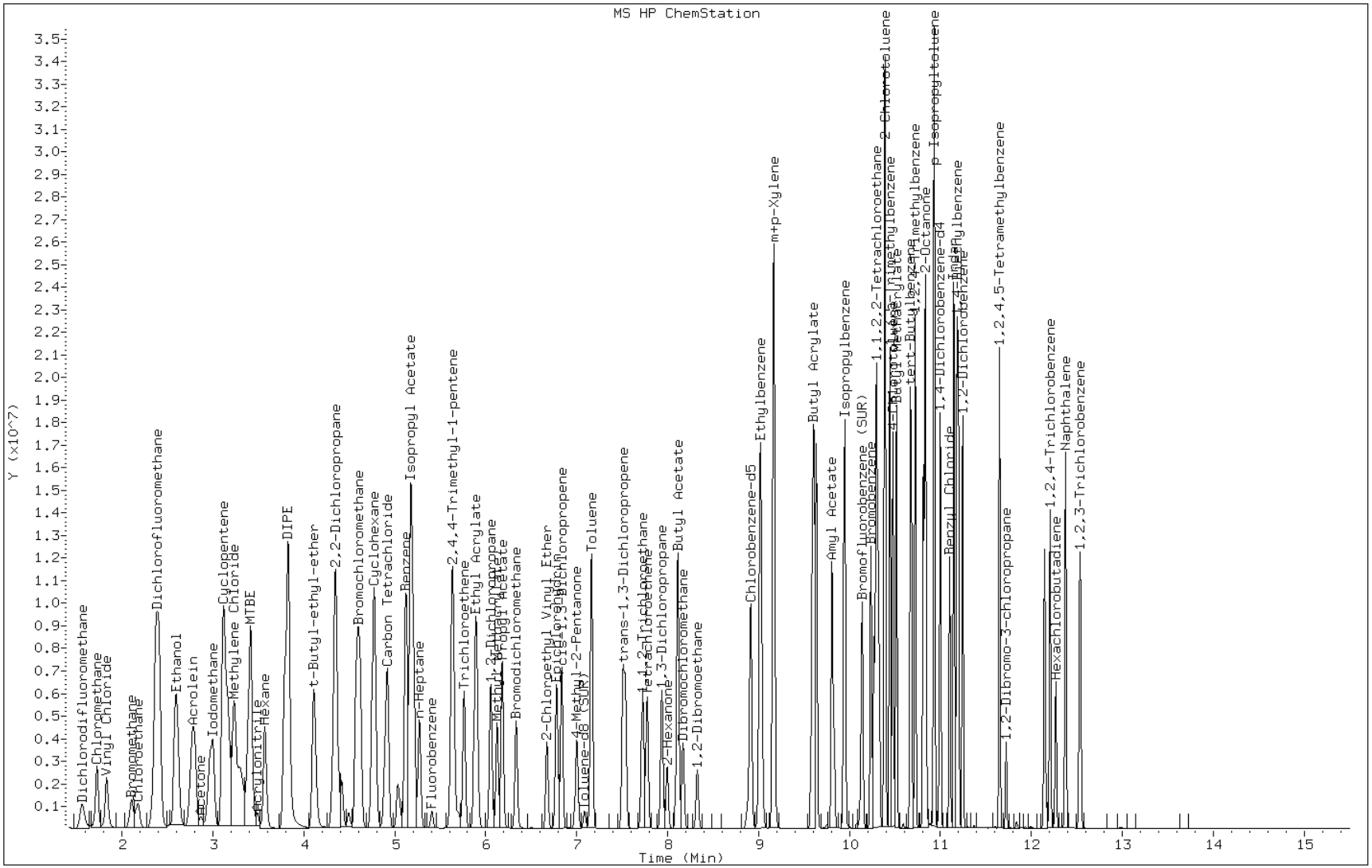
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: k10318.d

Date: 06-MAR-2013 00:16

Client ID: Instrument: VOAMS9.i

Sample Info: IC-VM8CAL6 Operator:



Manual Integration Report

Data File: k10318.d
Inj. Date and Time: 06-MAR-2013 00:16
Instrument ID: VOAMS9.i
Client ID:
Compound: 21 Acetonitrile
CAS #: 75-05-8
Report Date: 03/07/2013

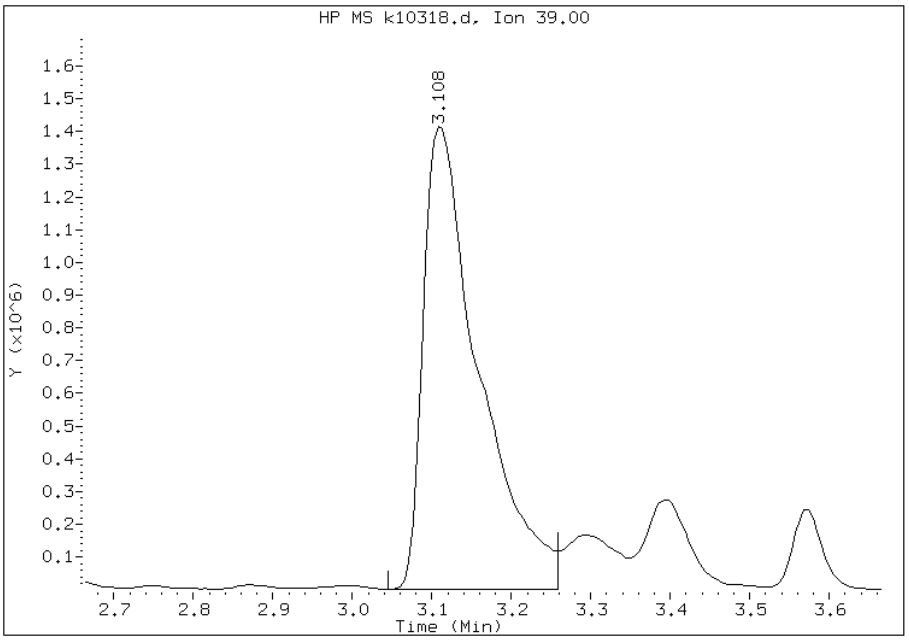
Processing Integration Results

RT: 3.11

Response: 6844476

Amount: 20764

Conc: 20764



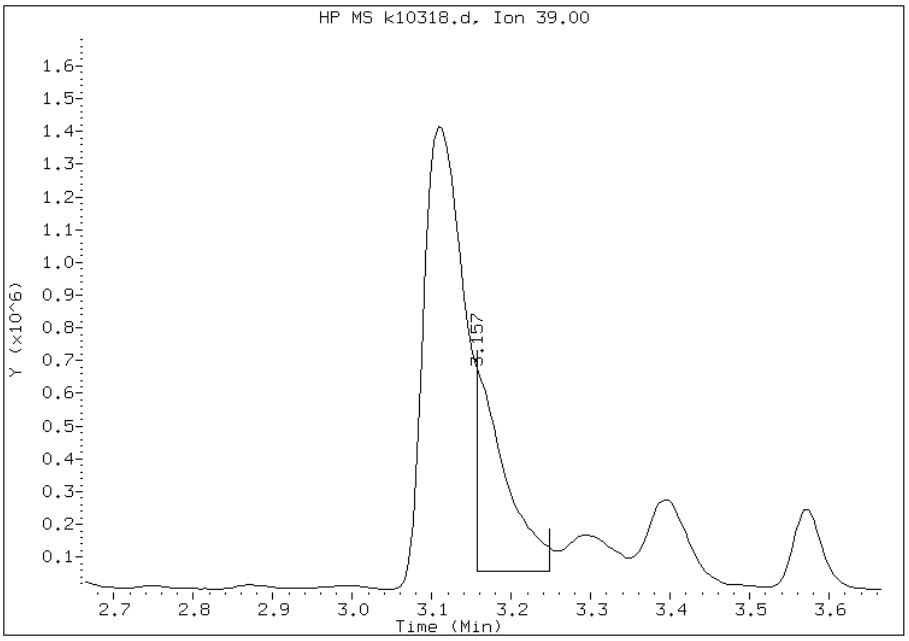
Manual Integration Results

RT: 3.16

Response: 1617495

Amount: 7798

Conc: 7798



Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k10318.d
Inj. Date and Time: 06-MAR-2013 00:16
Instrument ID: VOAMS9.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/07/2013

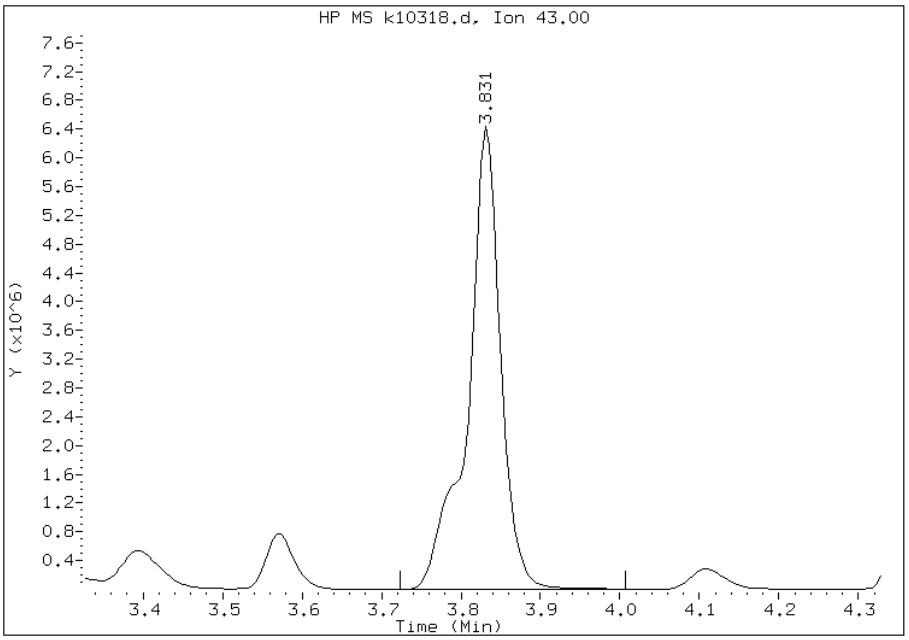
Processing Integration Results

RT: 3.83

Response: 18515724

Amount: 1004

Conc: 1004



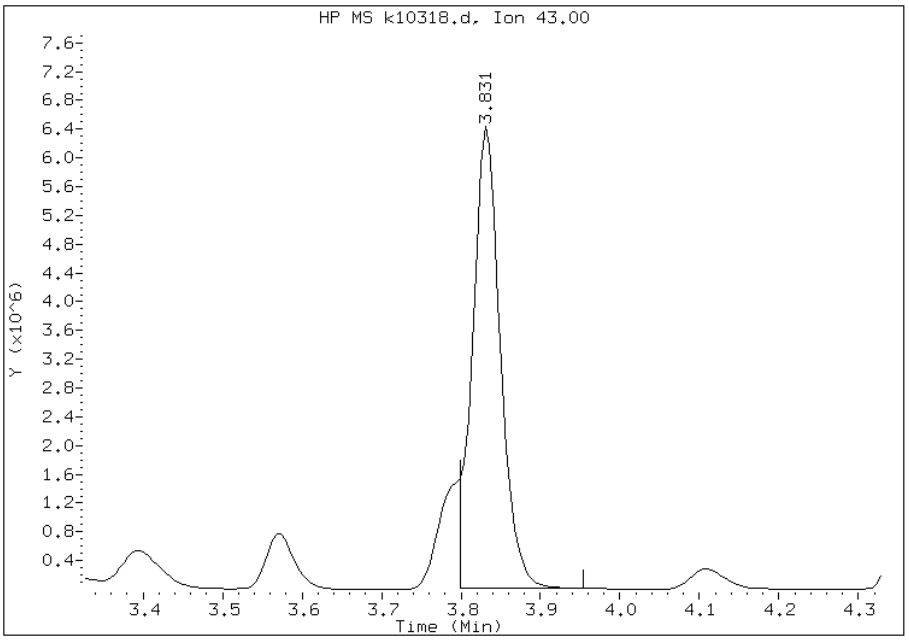
Manual Integration Results

RT: 3.83

Response: 15955790

Amount: 1005

Conc: 1005



Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10323.d
Report Date: 07-Mar-2013 09:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10323.d
Lab Smp Id: IC-VM8CAL2
Inj Date : 06-MAR-2013 02:14
Operator : Inst ID: VOAMS9.i
Smp Info : IC-VM8CAL2
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 09:15 vibha Quant Type: ISTD
Cal Date : 06-MAR-2013 02:14 Cal File: k10323.d
Als bottle: 18 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.584	1.573	(0.293)	12877	5.00000	3.4
3 Chloromethane	50	1.723	1.728	(0.318)	27779	5.00000	4.2
4 Vinyl Chloride	62	1.824	1.830	(0.337)	20621	5.00000	3.9
6 Bromomethane	94	2.103	2.108	(0.389)	13512	5.00000	5.2
5 Chloroethane	64	2.172	2.161	(0.402)	12082	5.00000	4.2
183 Dichlorofluoromethane	67	2.370	2.365	(0.438)	43272	5.00000	4.6
7 Trichlorofluoromethane	101	2.386	2.386	(0.441)	19742	5.00000	3.4
8 n-Pentane	72	2.397	2.386	(0.443)	5615	10.0000	8.0
9 Ethanol	46	2.536	2.552	(0.469)	63804	2000.00	1800
11 Ethyl Ether	59	2.584	2.579	(0.478)	20232	5.00000	5.4
10 Isoprene	67	2.600	2.600	(0.481)	22262	5.00000	4.0
13 Acrolein	56	2.755	2.755	(0.509)	21502	20.0000	24
14 Freon TF	101	2.771	2.771	(0.512)	12482	5.00000	3.8
15 1,1-Dichloroethene	96	2.803	2.793	(0.518)	12744	5.00000	4.5
16 Acetone	43	2.884	2.878	(0.533)	24703	15.0000	14
17 Iodomethane	142	2.953	2.948	(0.546)	24430	5.00000	4.8

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10323.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.996	2.985	(0.554)	66222	5.00000	4.5
	170 Cyclopentene	67	3.130	3.130	(0.579)	39120	5.00000	3.7
	27 Methyl Acetate	43	3.119	3.119	(0.577)	24235	5.00000	5.4
	21 Acetonitrile	39	3.167	3.167	(0.586)	19746	100.000	110
	22 Methylene Chloride	84	3.237	3.237	(0.598)	22225	5.00000	5.1
	24 TBA	59	3.312	3.301	(0.612)	50435	100.000	100
	28 MTBE	73	3.403	3.397	(0.629)	54126	5.00000	4.8
	25 trans-1,2-Dichloroethene	96	3.424	3.424	(0.633)	15641	5.00000	4.6
	26 Acrylonitrile	53	3.499	3.499	(0.647)	21191	10.0000	11
	29 Hexane	43	3.579	3.579	(0.662)	12087	5.00000	3.8
	32 DIPE	45	3.793	3.788	(0.701)	67597	5.00000	4.5
	30 1,1-Dichloroethane	63	3.825	3.825	(0.707)	37795	5.00000	4.7
	31 Vinyl Acetate	43	3.836	3.830	(0.709)	112748	10.0000	8.5
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	57776	5.00000	4.6
	37 2,2-Dichloropropane	77	4.333	4.328	(0.801)	20791	5.00000	4.1
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	19086	5.00000	4.8
	39 Ethyl Acetate	70	4.360	4.365	(0.806)	4828	10.0000	10
	38 2-Butanone	72	4.360	4.360	(0.806)	7391	15.0000	14
	40 Bromochloromethane	128	4.574	4.574	(0.846)	9196	5.00000	5.3
	41 Tetrahydrofuran	42	4.579	4.569	(0.847)	9105	5.00000	5.0
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	19271	10.0000	10
	42 Chloroform	83	4.628	4.622	(0.856)	34864	5.00000	5.0
	44 Cyclohexane	56	4.761	4.761	(0.880)	21556	5.00000	2.7
	43 1,1,1-Trichloroethane	97	4.777	4.772	(0.883)	20774	5.00000	4.0
	45 Carbon Tetrachloride	117	4.900	4.895	(0.906)	16126	5.00000	3.9
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	16923	5.00000	3.8
	48 Benzene	78	5.125	5.120	(0.577)	73162	5.00000	4.8
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.130	(0.950)	184820	50.0000	50
	61 Isopropyl Acetate	43	5.173	5.168	(0.956)	118433	10.0000	9.9
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.958)	49823	5.00000	4.6
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	32101	5.00000	5.2
	51 n-Heptane	57	5.275	5.270	(0.975)	6925	5.00000	3.3(a)
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	571054	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.633	5.633	(1.042)	4329	10.0000	5.2
	54 Trichloroethene	95	5.767	5.762	(1.066)	15855	5.00000	4.5
	55 Ethyl Acrylate	73	5.879	5.874	(1.087)	1734	5.00000	4.8
	56 Methyl cyclohexane	83	5.890	5.890	(1.089)	17104	5.00000	3.0
	57 1,2-Dichloropropane	63	6.056	6.051	(1.120)	21796	5.00000	4.9
	59 Methyl Methacrylate	100	6.120	6.120	(1.132)	3675	5.00000	4.6
	75 Propyl Acetate	43	6.179	6.179	(1.142)	32741	5.00000	4.7
	60 1,4-Dioxane	88	6.168	6.168	(1.140)	4716	100.000	93
	58 Dibromomethane	93	6.184	6.179	(1.143)	13914	5.00000	5.3
	68 Bromodichloromethane	83	6.334	6.329	(1.171)	26380	5.00000	5.0
	62 2-Chloroethyl Vinyl Ether	63	6.671	6.666	(1.233)	10967	5.00000	3.5
	63 Epichlorohydrin	57	6.778	6.773	(0.764)	47991	100.000	100
	67 cis-1,3-Dichloropropene	75	6.837	6.832	(0.770)	28411	5.00000	4.7
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.788)	62724	15.0000	14

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10323.d
Report Date: 07-Mar-2013 09:15

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
$	65	Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	400267	50.0000	51
	66	Toluene	91	7.163	7.158	(0.807)	59846	5.00000	4.4
	64	trans-1,3-Dichloropropene	75	7.506	7.500	(0.846)	24609	5.00000	4.8
	175	Ethyl methacrylate	69	7.533	7.532	(1.393)	19342	5.00000	3.3
	69	1,1,2-Trichloroethane	83	7.725	7.720	(0.870)	15867	5.00000	5.3
	71	Tetrachloroethene	166	7.773	7.773	(0.876)	8305	5.00000	3.6
	72	1,3-Dichloropropane	76	7.934	7.928	(0.894)	29273	5.00000	5.1
	73	2-Hexanone	43	7.998	7.993	(0.901)	39955	15.0000	13
	76	Butyl Acetate	73	8.110	8.105	(0.914)	7283	10.0000	7.3
	74	Dibromochloromethane	129	8.169	8.164	(0.920)	17092	5.00000	5.2
	77	1,2-Dibromoethane	107	8.324	8.319	(0.938)	16432	5.00000	5.2
*	78	Chlorobenzene-d5	117	8.875	8.870	(1.000)	364806	50.0000	
	79	Chlorobenzene	112	8.907	8.907	(1.004)	36607	5.00000	4.6
	81	Ethylbenzene	106	9.014	9.009	(1.016)	14952	5.00000	3.2
	80	1,1,1,2-Tetrachloroethane	131	9.030	9.025	(1.017)	14167	5.00000	4.8
	82	m+p-Xylene	106	9.164	9.164	(1.033)	37490	10.0000	6.6
	83	Butyl Acrylate	73	9.587	9.587	(1.080)	9611	5.00000	3.0
	84	o-Xylene	106	9.603	9.603	(1.082)	19769	5.00000	3.3
	85	Styrene	104	9.635	9.630	(1.086)	36285	5.00000	3.6
	87	Amyl Acetate	43	9.806	9.806	(0.893)	31104	5.00000	3.4
	86	Bromoform	173	9.833	9.828	(1.108)	10649	5.00000	5.1
	88	Isopropylbenzene	105	9.945	9.940	(1.121)	39667	5.00000	2.7
$	89	Bromofluorobenzene (SUR)	174	10.122	10.116	(0.922)	126867	50.0000	50
	92	1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	28285	5.00000	5.3
	91	Bromobenzene	156	10.239	10.234	(0.932)	14470	5.00000	4.6
	95	n-Propylbenzene	91	10.293	10.293	(0.937)	56548	5.00000	3.1
	94	trans-1,4-Dichloro-2-butene	53	10.325	10.320	(0.940)	6644	5.00000	5.0
	93	1,2,3-Trichloropropane	110	10.314	10.309	(0.939)	6128	5.00000	5.2
	96	2-Chlorotoluene	91	10.384	10.384	(0.945)	48967	5.00000	4.0
	188	4-Ethyltoluene	105	10.389	10.384	(0.946)	47634	5.00000	3.5
	97	1,3,5-Trimethylbenzene	105	10.443	10.437	(0.951)	35891	5.00000	2.9
	99	Butyl Methacrylate	87	10.512	10.512	(0.957)	15997	5.00000	3.0
	98	4-Chlorotoluene	91	10.475	10.475	(0.954)	44728	5.00000	4.2
	100	tert-Butylbenzene	119	10.673	10.673	(0.972)	21659	5.00000	2.3
	101	1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	37077	5.00000	2.9
	102	2-Octanone	43	10.807	10.806	(0.984)	26646	5.00000	2.8
	103	sec-Butylbenzene	105	10.828	10.828	(0.986)	39096	5.00000	2.7
	107	p-Isopropyltoluene	119	10.930	10.930	(0.995)	28726	5.00000	2.5
	105	1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	27068	5.00000	4.5
*	108	1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	182877	50.0000	
	109	1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	27899	5.00000	4.6
	110	Benzyl Chloride	91	11.095	11.101	(1.010)	34980	5.00000	4.6
	187	1,4-Diethylbenzene	119	11.181	11.181	(2.067)	22202	5.00000	3.1
	171	Indan	117	11.144	11.149	(2.060)	49388	5.00000	3.8
	106	n-Butylbenzene	91	11.197	11.197	(1.019)	45425	5.00000	3.1
	111	1,2-Dichlorobenzene	146	11.245	11.251	(1.024)	27479	5.00000	4.6
	112	1,2-Dibromo-3-chloropropane	75	11.721	11.737	(1.067)	5331	5.00000	5.0

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10323.d
Report Date: 07-Mar-2013 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
186	1,2,4,5-Tetramethylbenzene	119	11.646	11.668	(2.153)	31820	5.00000	2.7
114	1,2,4-Trichlorobenzene	180	12.203	12.224	(1.111)	15629	5.00000	4.2
115	Hexachlorobutadiene	225	12.267	12.288	(1.117)	4197	5.00000	3.4
116	Naphthalene	128	12.374	12.395	(1.127)	47761	5.00000	4.1
117	1,2,3-Trichlorobenzene	180	12.534	12.556	(1.141)	16403	5.00000	4.5(H)
M 120	1,2-Dichloroethene (Total)	100				34727	10.0000	9.4
M 121	Xylene (Total)	100				57259	15.0000	10

QC Flag Legend

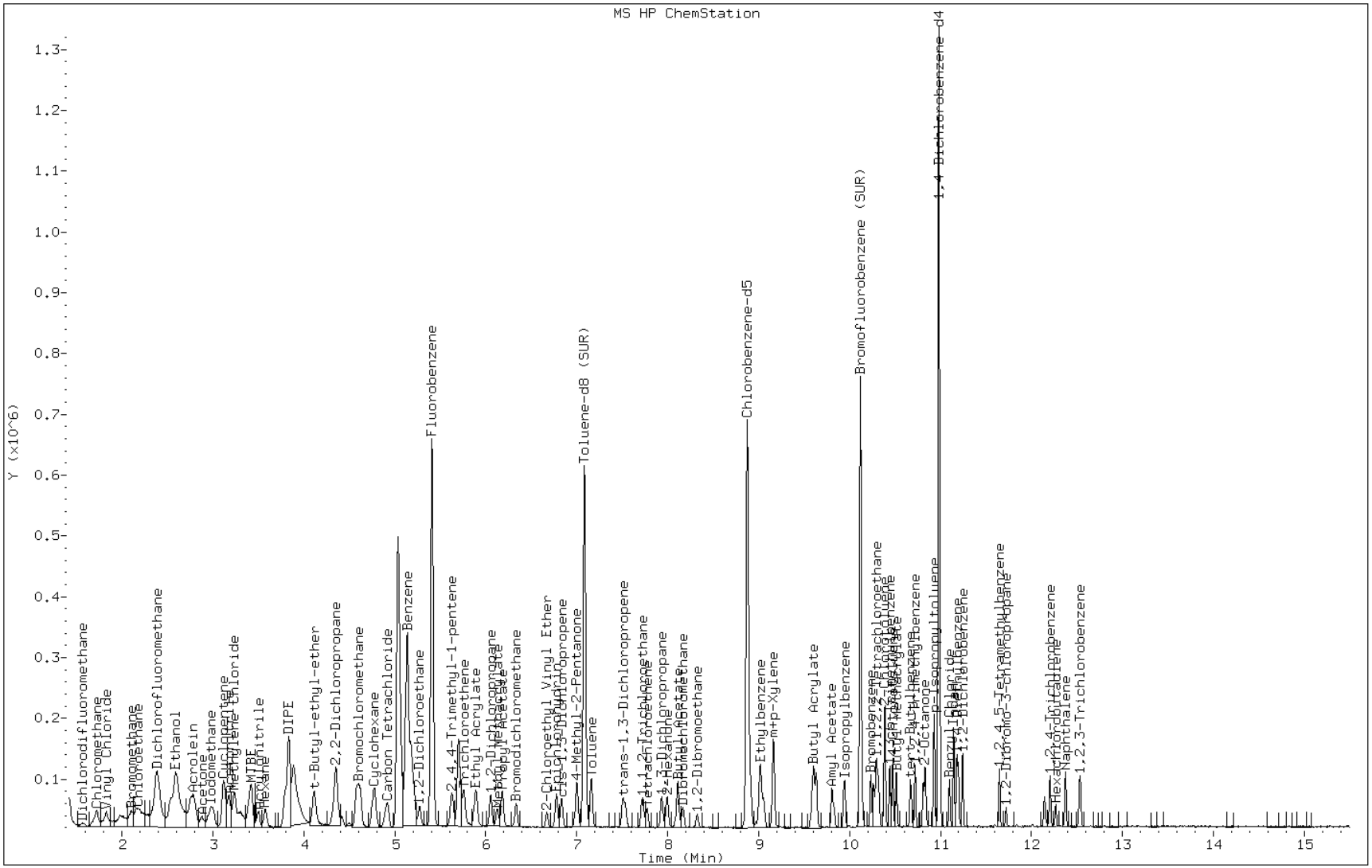
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: k10323.d

Date: 06-MAR-2013 02:14

Client ID: Instrument: VOAMS9.i

Sample Info: IC-VM8CAL2 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149880/2 Calibration Date: 03/06/2013 05:29

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10327.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	LinF	0.3126	0.3266		19.4	20.0	-2.8	50.0
Chloromethane	Ave	0.5815	0.5471	0.1000	18.8	20.0	-5.9	50.0
Vinyl chloride	Ave	0.4676	0.4703		20.1	20.0	0.6	20.0
Bromomethane	Ave	0.2285	0.2535		22.2	20.0	11.0	50.0
Chloroethane	Ave	0.2494	0.2648		21.2	20.0	6.2	50.0
Dichlorofluoromethane	Ave	0.8205	0.7499		18.3	20.0	-8.6	50.0
Trichlorofluoromethane	LinF	0.4828	0.4965		19.4	20.0	-2.8	50.0
n-Pentane	LinF	0.0663	0.0618		40.3	40.0	0.8	50.0
Ethanol	Ave	0.0031	0.0022		2080	3000	-30.6	50.0
Ethyl ether	Ave	0.3247	0.3027		18.6	20.0	-6.8	50.0
Isopropene	Ave	0.4842	0.4859		20.1	20.0	0.3	50.0
Acrolein	LinF	0.0879	0.0882		46.1	40.0	15.1	50.0
Freon TF	Ave	0.2873	0.2960		20.6	20.0	3.0	50.0
1,1-Dichloroethene	Ave	0.2484	0.2565		20.6	20.0	3.2	20.0
Acetone	Ave	0.1549	0.1347		17.4	20.0	-13.1	50.0
Iodomethane	Ave	0.4436	0.4091		18.4	20.0	-7.8	50.0
Carbon disulfide	Ave	1.299	1.266		19.5	20.0	-2.5	50.0
Methyl acetate	Ave	0.3896	0.3469		17.8	20.0	-11.0	50.0
Cyclopentene	Ave	0.9184	0.9158		19.9	20.0	-0.3	50.0
Acetonitrile	Ave	0.0152	0.0142		373	400	-6.8	50.0
Methylene Chloride	Ave	0.3785	0.3552		18.8	20.0	-6.2	50.0
TBA	Ave	0.0442	0.0347		313	400	-21.7	50.0
MTBE	Ave	0.9764	0.8643		17.7	20.0	-11.5	50.0
trans-1,2-Dichloroethene	Ave	0.3002	0.2950		19.7	20.0	-1.7	50.0
Acrylonitrile	Ave	0.1741	0.1783		20.5	20.0	2.4	50.0
Hexane	Ave	0.2746	0.2830		20.6	20.0	3.0	50.0
DIPE	Ave	1.304	1.180		18.1	20.0	-9.5	50.0
1,1-Dichloroethane	Ave	0.7018	0.6736	0.1000	19.2	20.0	-4.0	50.0
Vinyl acetate	Ave	1.065	0.9941		37.3	40.0	-6.7	50.0
Tert-butyl ethyl ether	Ave	1.102	1.009		18.3	20.0	-8.4	50.0
2,2-Dichloropropane	Ave	0.4466	0.4383		19.6	20.0	-1.8	50.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3330		19.3	20.0	-3.6	50.0
2-Butanone	Ave	0.0474	0.0417		17.6	20.0	-12.0	50.0
Ethyl acetate	Ave	0.0422	0.0357		33.8	40.0	-15.6	50.0
Bromochloromethane	Ave	0.1511	0.1398		18.5	20.0	-7.4	50.0
Tetrahydrofuran	Ave	0.1584	0.1347		17.0	20.0	-15.0	50.0
Methacrylonitrile	Ave	0.1657	0.1461		35.3	40.0	-11.8	50.0
Chloroform	Ave	0.6120	0.5896		19.3	20.0	-3.6	20.0
Cyclohexane	LinF	0.5960	0.5806		16.8	20.0	-16.2	50.0
1,1,1-Trichloroethane	Ave	0.4495	0.4468		19.9	20.0	-0.6	50.0
Carbon tetrachloride	Ave	0.3596	0.3639		20.2	20.0	1.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149880/2 Calibration Date: 03/06/2013 05:29

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10327.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
1,1-Dichloropropene	Ave	0.3856	0.3880		20.1	20.0	0.6	50.0
Benzene	Ave	2.105	2.042		19.4	20.0	-3.0	50.0
Isopropyl acetate	Ave	1.047	0.8857		33.9	40.0	-15.4	50.0
Tert-amyl methyl ether	Ave	0.9407	0.8440		17.9	20.0	-10.3	50.0
1,2-Dichloroethane	Ave	0.5365	0.4932		18.4	20.0	-8.1	50.0
n-Heptane	LinF	0.1760	0.1915		20.9	20.0	4.4	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0602	0.0587		32.0	40.0	-19.9	50.0
Trichloroethene	Ave	0.3112	0.3032		19.5	20.0	-2.6	50.0
Ethyl acrylate	Ave	0.0319	0.0276		17.3	20.0	-13.4	50.0
Methylcyclohexane	LinF	0.4348	0.4347		17.5	20.0	-12.3	50.0
1,2-Dichloropropane	Ave	0.3897	0.3588		18.4	20.0	-7.9	20.0
Methyl methacrylate	Ave	0.0692	0.0598		17.3	20.0	-13.6	50.0
1,4-Dioxane	Ave	0.0045	0.0031		103	150	-31.4	50.0
Dibromomethane	Ave	0.2316	0.2163		18.7	20.0	-6.6	50.0
Propyl acetate	Ave	0.6115	0.5008		16.4	20.0	-18.1	50.0
Bromodichloromethane	Ave	0.4649	0.4398		18.9	20.0	-5.4	50.0
2-Chloroethyl vinyl ether	LinF	0.2201	0.1888		13.8	20.0	-30.9	50.0
Epichlorohydrin	Ave	0.0651	0.0570		350	400	-12.4	50.0
cis-1,3-Dichloropropene	Ave	0.8242	0.7574		18.4	20.0	-8.1	50.0
4-Methyl-2-pentanone	Ave	0.6331	0.5249		16.6	20.0	-17.1	50.0
Toluene	Ave	1.852	1.789		19.3	20.0	-3.4	20.0
trans-1,3-Dichloropropene	Ave	0.7045	0.6196		17.6	20.0	-12.0	50.0
Ethyl methacrylate	LinF	0.3989	0.3467		13.6	20.0	-31.8	50.0
1,1,2-Trichloroethane	Ave	0.4093	0.3753		18.3	20.0	-8.3	50.0
Tetrachloroethene	Ave	0.3167	0.3127		19.8	20.0	-1.2	50.0
1,3-Dichloropropane	Ave	0.7909	0.7119		18.0	20.0	-10.0	50.0
2-Hexanone	Ave	0.4059	0.3329		16.4	20.0	-18.0	50.0
Butyl acetate	LinF	0.1138	0.0946		27.7	40.0	-30.7	50.0
Dibromochloromethane	Ave	0.4464	0.4081		18.3	20.0	-8.6	50.0
1,2-Dibromoethane	Ave	0.4342	0.3957		18.2	20.0	-8.9	50.0
Chlorobenzene	Ave	1.084	1.018	0.3000	18.8	20.0	-6.0	50.0
Ethylbenzene	LinF	0.5447	0.5250		16.5	20.0	-17.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4057	0.3651		18.0	20.0	-10.0	50.0
m&p-Xylene	LinF	0.6774	0.6692		34.5	40.0	-13.7	50.0
Butyl acrylate	LinF	0.3349	0.2750		12.4	20.0	-37.8	50.0
o-Xylene	LinF	0.7039	0.6827		16.7	20.0	-16.3	50.0
Styrene	LinF	1.197	1.176		17.1	20.0	-14.7	50.0
Amly acetate	LinF	1.984	1.604		12.9	20.0	-35.3	50.0
Bromoform	Ave	0.2853	0.2629	0.1000	18.4	20.0	-7.8	50.0
Isopropylbenzene	LinF	1.661	1.662		16.7	20.0	-16.3	50.0
Monobromobenzene	Ave	0.8533	0.7753		18.2	20.0	-9.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149880/2 Calibration Date: 03/06/2013 05:29

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10327.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
1,1,2,2-Tetrachloroethane	Ave	1.451	1.293	0.3000	17.8	20.0	-10.8	50.0
N-Propylbenzene	LinF	4.526	4.532		18.2	20.0	-9.0	50.0
1,2,3-Trichloropropane	Ave	0.3230	0.2871		17.8	20.0	-11.1	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3663	0.3224		17.6	20.0	-12.0	50.0
2-Chlorotoluene	Ave	3.317	3.166		19.1	20.0	-4.6	50.0
p-Ethyltoluene	LinF	3.349	3.225		17.3	20.0	-13.5	50.0
1,3,5-Trimethylbenzene	LinF	2.870	2.802		16.5	20.0	-17.4	50.0
4-Chlorotoluene	Ave	2.920	2.824		19.3	20.0	-3.3	50.0
Butyl Methacrylate	LinF	1.129	0.9916		13.8	20.0	-31.1	50.0
tert-Butylbenzene	LinF	2.014	1.936		15.3	20.0	-23.7	50.0
1,2,4-Trimethylbenzene	LinF	2.947	2.888		16.7	20.0	-16.6	50.0
2-Octanone	LinF	1.907	1.499		11.7	20.0	-41.7	50.0
sec-Butylbenzene	LinF	3.440	3.582		17.9	20.0	-10.6	50.0
p-Isopropyltoluene	LinF	2.635	2.644		16.6	20.0	-17.2	50.0
1,3-Dichlorobenzene	Ave	1.642	1.509		18.4	20.0	-8.1	50.0
1,4-Dichlorobenzene	Ave	1.676	1.568		18.7	20.0	-6.4	50.0
Benzyl chloride	Ave	2.071	1.868		18.0	20.0	-9.8	50.0
Indan	LinF	1.005	0.9419		16.5	20.0	-17.6	50.0
1,4-Diethylbenzene	LinF	0.5283	0.5300		16.8	20.0	-15.9	50.0
n-Butylbenzene	LinF	3.628	3.814		19.1	20.0	-4.3	50.0
1,2-Dichlorobenzene	Ave	1.628	1.524		18.7	20.0	-6.4	50.0
1,2,4,5-Tetramethylbenzene	LinF	0.8077	0.7175		13.9	20.0	-30.7	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2908	0.2465		17.0	20.0	-15.2	50.0
1,2,4-Trichlorobenzene	Ave	1.010	0.9242		18.3	20.0	-8.5	50.0
Hexachlorobutadiene	LinF	0.3321	0.3847		23.1	20.0	15.6	50.0
Naphthalene	Ave	3.205	2.740		17.1	20.0	-14.5	50.0
1,2,3-Trichlorobenzene	Ave	1.001	0.8784		17.5	20.0	-12.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3216	0.3160		49.1	50.0	-1.7	50.0
Toluene-d8 (Surr)	Ave	1.083	1.068		49.3	50.0	-1.4	50.0
Bromofluorobenzene	Ave	0.6925	0.6831		49.3	50.0	-1.4	50.0

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10327.d
Report Date: 07-Mar-2013 10:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10327.d
Lab Smp Id: CCVIS
Inj Date : 06-MAR-2013 05:29
Operator : Inst ID: VOAMS9.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.584	1.584	(0.293)	80462	20.0000	19
3	Chloromethane	50	1.734	1.734	(0.320)	134799	20.0000	19
4	Vinyl Chloride	62	1.835	1.835	(0.339)	115876	20.0000	20
6	Bromomethane	94	2.113	2.113	(0.391)	62467	20.0000	22
5	Chloroethane	64	2.178	2.178	(0.403)	65244	20.0000	21
183	Dichlorofluoromethane	67	2.376	2.376	(0.439)	184759	20.0000	18
7	Trichlorofluoromethane	101	2.397	2.397	(0.443)	122326	20.0000	19
8	n-Pentane	72	2.402	2.402	(0.444)	30428	40.0000	40
9	Ethanol	46	2.541	2.541	(0.470)	79491	3000.00	2100
11	Ethyl Ether	59	2.584	2.584	(0.478)	74588	20.0000	19
10	Isoprene	67	2.606	2.606	(0.482)	119710	20.0000	20
13	Acrolein	56	2.761	2.761	(0.510)	43467	40.0000	46
14	Freon TF	101	2.777	2.777	(0.513)	72925	20.0000	21
15	1,1-Dichloroethene	96	2.809	2.809	(0.519)	63189	20.0000	21
16	Acetone	43	2.884	2.884	(0.533)	33184	20.0000	17
17	Iodomethane	142	2.959	2.959	(0.547)	100805	20.0000	18

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10327.d
Report Date: 07-Mar-2013 10:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	3.007	3.007	(0.556)	311950	20.0000	19
	170 Cyclopentene	67	3.135	3.135	(0.580)	225638	20.0000	20
	27 Methyl Acetate	43	3.119	3.119	(0.577)	85475	20.0000	18
	21 Acetonitrile	39	3.157	3.157	(0.584)	69711	400.000	370(M)
	22 Methylene Chloride	84	3.242	3.242	(0.599)	87519	20.0000	19
	24 TBA	59	3.306	3.306	(0.611)	170760	400.000	310
	28 MTBE	73	3.403	3.403	(0.629)	212951	20.0000	18
	25 trans-1,2-Dichloroethene	96	3.429	3.429	(0.634)	72694	20.0000	20
	26 Acrylonitrile	53	3.499	3.499	(0.647)	43934	20.0000	20
	29 Hexane	43	3.579	3.579	(0.662)	69732	20.0000	21
	32 DIPE	45	3.793	3.793	(0.701)	290619	20.0000	18
	30 1,1-Dichloroethane	63	3.825	3.825	(0.707)	165975	20.0000	19
	31 Vinyl Acetate	43	3.836	3.836	(0.709)	489878	40.0000	37(M)
	35 t-Butyl-ethyl-ether	59	4.114	4.114	(0.761)	248632	20.0000	18
	37 2,2-Dichloropropane	77	4.339	4.339	(0.802)	108002	20.0000	20
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	82050	20.0000	19
	39 Ethyl Acetate	70	4.360	4.360	(0.806)	17567	40.0000	34
	38 2-Butanone	72	4.360	4.360	(0.806)	10274	20.0000	18
	40 Bromochloromethane	128	4.574	4.574	(0.846)	34454	20.0000	18
	41 Tetrahydrofuran	42	4.574	4.574	(0.846)	33179	20.0000	17
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	72006	40.0000	35
	42 Chloroform	83	4.628	4.628	(0.856)	145278	20.0000	19
	44 Cyclohexane	56	4.767	4.767	(0.881)	143053	20.0000	17
	43 1,1,1-Trichloroethane	97	4.778	4.778	(0.883)	110095	20.0000	20
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	89655	20.0000	20
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	95605	20.0000	20
	48 Benzene	78	5.125	5.125	(0.578)	331544	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	194683	50.0000	49
	61 Isopropyl Acetate	43	5.173	5.173	(0.956)	436452	40.0000	34
	50 t-Amyl-methyl-ether	73	5.189	5.189	(0.959)	207962	20.0000	18
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	121510	20.0000	18
	51 n-Heptane	57	5.270	5.270	(0.974)	47180	20.0000	21
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	615972	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.628	(1.041)	28943	40.0000	32
	54 Trichloroethene	95	5.762	5.762	(1.065)	74701	20.0000	19
	55 Ethyl Acrylate	73	5.880	5.880	(1.087)	6798	20.0000	17
	56 Methyl cyclohexane	83	5.896	5.896	(1.090)	107096	20.0000	18
	57 1,2-Dichloropropane	63	6.056	6.056	(1.120)	88400	20.0000	18
	59 Methyl Methacrylate	100	6.126	6.126	(1.133)	14728	20.0000	17
	75 Propyl Acetate	43	6.179	6.179	(1.142)	123396	20.0000	16
	60 1,4-Dioxane	88	6.163	6.163	(1.139)	5735	150.000	100
	58 Dibromomethane	93	6.179	6.179	(1.142)	53285	20.0000	19
	68 Bromodichloromethane	83	6.329	6.329	(1.170)	108362	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	6.671	6.671	(1.233)	46521	20.0000	14
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	185234	400.000	350
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	122994	20.0000	18
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.789)	85245	20.0000	16

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10327.d
Report Date: 07-Mar-2013 10:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	433469	50.0000	49
	66 Toluene	91	7.158	7.158	(0.807)	290599	20.0000	19
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	100628	20.0000	18
	175 Ethyl methacrylate	69	7.533	7.533	(1.393)	85431	20.0000	14
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	60950	20.0000	18
	71 Tetrachloroethene	166	7.768	7.768	(0.876)	50788	20.0000	20
	72 1,3-Dichloropropane	76	7.934	7.934	(0.894)	115605	20.0000	18
	73 2-Hexanone	43	7.993	7.993	(0.901)	54055	20.0000	16
	76 Butyl Acetate	73	8.105	8.105	(0.914)	30712	40.0000	28
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	66270	20.0000	18
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	64254	20.0000	18
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	405991	50.0000	
	79 Chlorobenzene	112	8.908	8.908	(1.004)	165325	20.0000	19
	81 Ethylbenzene	106	9.009	9.009	(1.016)	85257	20.0000	16
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	59297	20.0000	18
	82 m+p-Xylene	106	9.164	9.164	(1.033)	217347	40.0000	34
	83 Butyl Acrylate	73	9.587	9.587	(1.081)	44664	20.0000	12
	84 o-Xylene	106	9.603	9.603	(1.083)	110867	20.0000	17
	85 Styrene	104	9.630	9.630	(1.086)	190908	20.0000	17
	87 Amyl Acetate	43	9.806	9.806	(0.893)	130609	20.0000	13
	86 Bromoform	173	9.828	9.828	(1.108)	42692	20.0000	18
	88 Isopropylbenzene	105	9.940	9.940	(1.121)	269831	20.0000	17
$	89 Bromofluorobenzene (SUR)	174	10.117	10.117	(0.921)	139040	50.0000	49
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	105276	20.0000	18
	91 Bromobenzene	156	10.234	10.234	(0.932)	63119	20.0000	18
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	368940	20.0000	18
	94 trans-1,4-Dichloro-2-butene	53	10.320	10.320	(0.940)	26243	20.0000	18
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	23369	20.0000	18
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	257768	20.0000	19
	188 4-Ethyltoluene	105	10.384	10.384	(0.945)	262512	20.0000	17
	97 1,3,5-Trimethylbenzene	105	10.438	10.438	(0.950)	228106	20.0000	16
	99 Butyl Methacrylate	87	10.512	10.512	(0.957)	80724	20.0000	14
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	229930	20.0000	19
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	157627	20.0000	15
	101 1,2,4-Trimethylbenzene	105	10.716	10.716	(0.976)	235081	20.0000	17
	102 2-Octanone	43	10.807	10.807	(0.984)	122071	20.0000	12
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	291604	20.0000	18
	107 p-Isopropyltoluene	119	10.924	10.924	(0.995)	215255	20.0000	16
	105 1,3-Dichlorobenzene	146	10.930	10.930	(0.995)	122821	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	203526	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	127646	20.0000	19
	110 Benzyl Chloride	91	11.096	11.096	(1.010)	152073	20.0000	18
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.066)	130584	20.0000	17
	171 Indan	117	11.144	11.144	(2.060)	232074	20.0000	16
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	310461	20.0000	19
	111 1,2-Dichlorobenzene	146	11.240	11.240	(1.023)	124047	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.721	(1.067)	20070	20.0000	17

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10327.d
Report Date: 07-Mar-2013 10:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.652	11.652	(2.154)	176774	20.0000	14
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	75238	20.0000	18
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	31316	20.0000	23
	116 Naphthalene	128	12.374	12.374	(1.127)	223076	20.0000	17
	117 1,2,3-Trichlorobenzene	180	12.535	12.535	(1.141)	71507	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				154744	40.0000	39
M	121 Xylene (Total)	100				328214	60.0000	51

QC Flag Legend

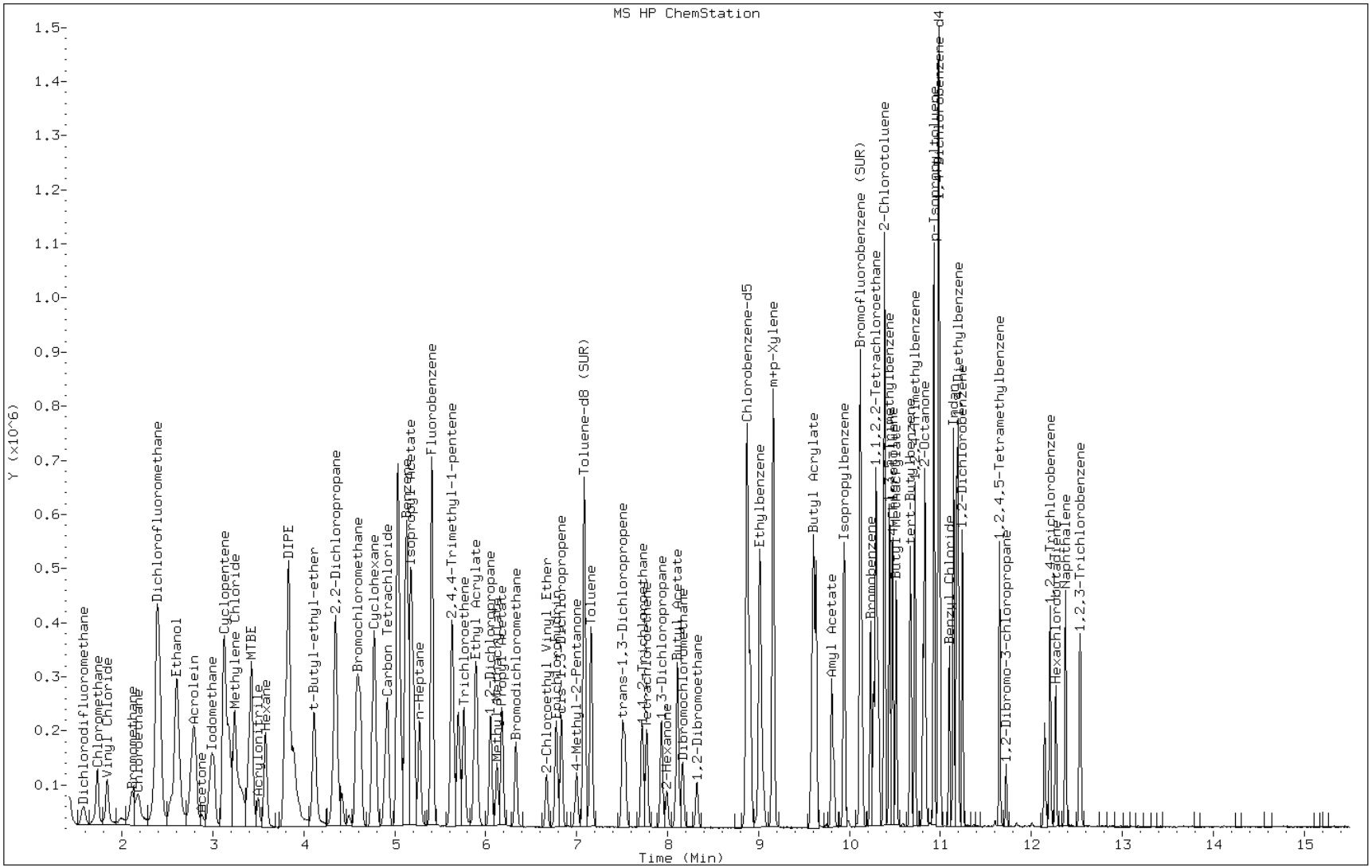
M - Compound response manually integrated.

Data File: k10327.d

Date: 06-MAR-2013 05:29

Client ID: Instrument: VOAMS9.i

Sample Info: CCVIS Operator:



Manual Integration Report

Data File: k10327.d
Inj. Date and Time: 06-MAR-2013 05:29
Instrument ID: VOAMS9.i
Client ID:
Compound: 21 Acetonitrile
CAS #: 75-05-8
Report Date: 03/07/2013

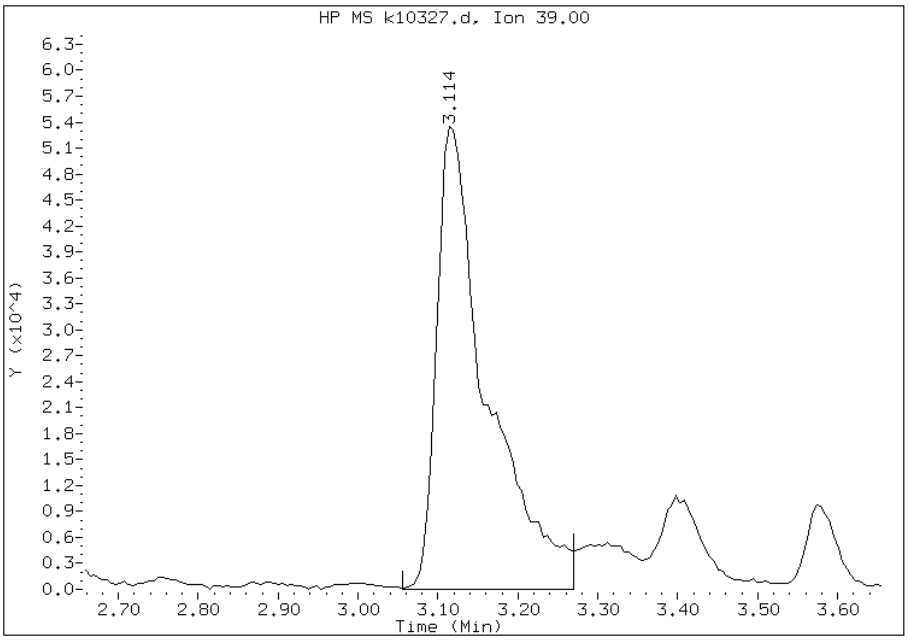
Processing Integration Results

RT: 3.11

Response: 235436

Amount: 1260

Conc: 1260



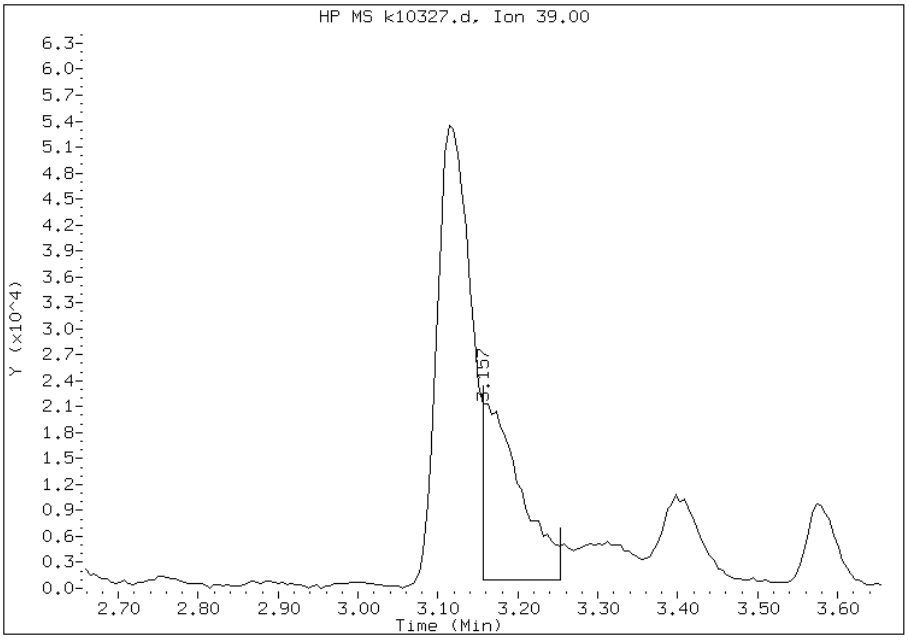
Manual Integration Results

RT: 3.16

Response: 69711

Amount: 373

Conc: 373



Manually Integrated By: barsoums
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k10327.d
Inj. Date and Time: 06-MAR-2013 05:29
Instrument ID: VOAMS9.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/07/2013

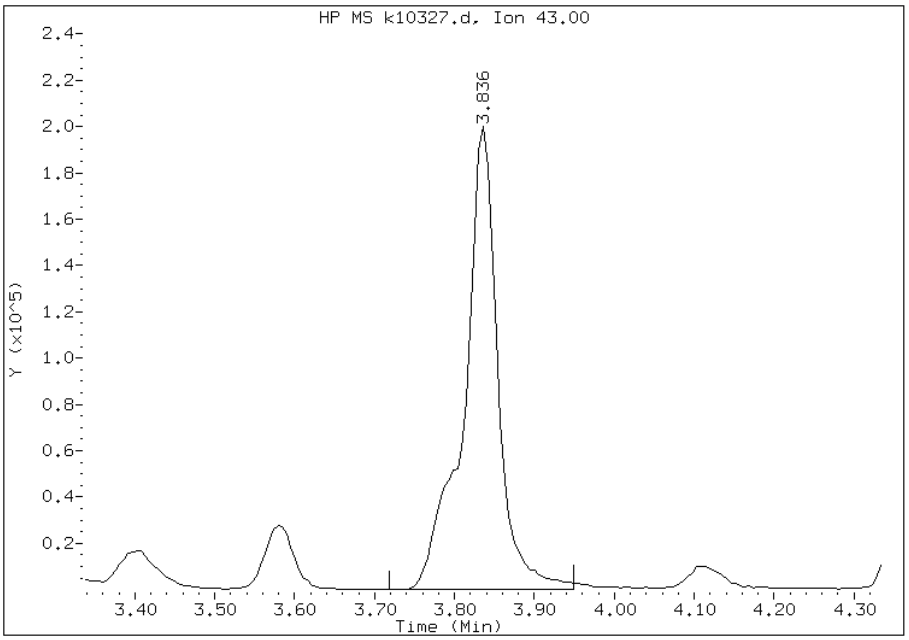
Processing Integration Results

RT: 3.84

Response: 587461

Amount: 45

Conc: 45



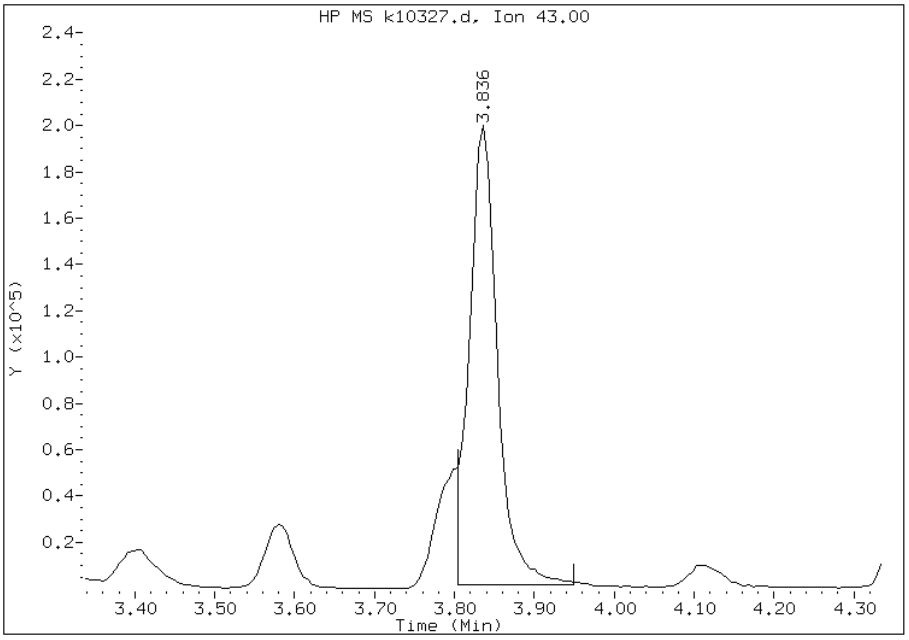
Manual Integration Results

RT: 3.84

Response: 489878

Amount: 37

Conc: 37



Manually Integrated By: barsoums
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-150001/2 Calibration Date: 03/06/2013 17:39

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10355.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	LinF	0.3126	0.3224		19.2	20.0	-4.1	50.0
Chloromethane	Ave	0.5815	0.5842	0.1000	20.1	20.0	0.5	50.0
Vinyl chloride	Ave	0.4676	0.4869		20.8	20.0	4.1	20.0
Bromomethane	Ave	0.2285	0.2653		23.2	20.0	16.1	50.0
Chloroethane	Ave	0.2494	0.2845		22.8	20.0	14.0	50.0
Dichlorofluoromethane	Ave	0.8205	0.8347		20.3	20.0	1.7	50.0
Trichlorofluoromethane	LinF	0.4828	0.5147		20.2	20.0	0.8	50.0
n-Pentane	LinF	0.0663	0.0667		43.6	40.0	8.9	50.0
Ethanol	Ave	0.0031	0.0026		2530	3000	-15.5	50.0
Ethyl ether	Ave	0.3247	0.3265		20.1	20.0	0.6	50.0
Isopropene	Ave	0.4842	0.5187		21.4	20.0	7.1	50.0
Acrolein	LinF	0.0879	0.0833		43.5	40.0	8.8	50.0
Freon TF	Ave	0.2873	0.3068		21.4	20.0	6.8	50.0
1,1-Dichloroethene	Ave	0.2484	0.2552		20.5	20.0	2.7	20.0
Acetone	Ave	0.1549	0.2312		29.8	20.0	49.2	50.0
Iodomethane	Ave	0.4436	0.4229		19.1	20.0	-4.7	50.0
Carbon disulfide	Ave	1.299	1.332		20.5	20.0	2.6	50.0
Methyl acetate	Ave	0.3896	0.3713		19.1	20.0	-4.7	50.0
Cyclopentene	Ave	0.9184	0.9422		20.5	20.0	2.6	50.0
Acetonitrile	Ave	0.0152	0.0101		266	400	-33.6	50.0
Methylene Chloride	Ave	0.3785	0.3779		20.0	20.0	-0.2	50.0
TBA	Ave	0.0442	0.0352		318	400	-20.4	50.0
MTBE	Ave	0.9764	0.9056		18.5	20.0	-7.3	50.0
trans-1,2-Dichloroethene	Ave	0.3002	0.3070		20.5	20.0	2.3	50.0
Acrylonitrile	Ave	0.1741	0.1676		19.3	20.0	-3.7	50.0
Hexane	Ave	0.2746	0.2917		21.2	20.0	6.2	50.0
DIPE	Ave	1.304	1.248		19.1	20.0	-4.3	50.0
1,1-Dichloroethane	Ave	0.7018	0.7177	0.1000	20.5	20.0	2.3	50.0
Vinyl acetate	Ave	1.065	1.088		40.8	40.0	2.1	50.0
Tert-butyl ethyl ether	Ave	1.102	1.037		18.8	20.0	-5.9	50.0
2,2-Dichloropropane	Ave	0.4466	0.4603		20.6	20.0	3.1	50.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3423		19.8	20.0	-0.9	50.0
2-Butanone	Ave	0.0474	0.0471		19.9	20.0	-0.6	50.0
Ethyl acetate	Ave	0.0422	0.0369		34.9	40.0	-12.6	50.0
Bromochloromethane	Ave	0.1511	0.1473		19.5	20.0	-2.5	50.0
Tetrahydrofuran	Ave	0.1584	0.1500		18.9	20.0	-5.3	50.0
Methacrylonitrile	Ave	0.1657	0.1519		36.7	40.0	-8.3	50.0
Chloroform	Ave	0.6120	0.6255		20.4	20.0	2.2	20.0
Cyclohexane	LinF	0.5960	0.6192		17.9	20.0	-10.7	50.0
1,1,1-Trichloroethane	Ave	0.4495	0.4701		20.9	20.0	4.6	50.0
Carbon tetrachloride	Ave	0.3596	0.3749		20.8	20.0	4.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-150001/2 Calibration Date: 03/06/2013 17:39

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10355.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
1,1-Dichloropropene	Ave	0.3856	0.3893		20.2	20.0	1.0	50.0
Benzene	Ave	2.105	2.222		21.1	20.0	5.5	50.0
Isopropyl acetate	Ave	1.047	0.9538		36.5	40.0	-8.9	50.0
Tert-amyl methyl ether	Ave	0.9407	0.8838		18.8	20.0	-6.1	50.0
1,2-Dichloroethane	Ave	0.5365	0.5361		20.0	20.0	-0.0	50.0
n-Heptane	LinF	0.1760	0.1866		20.3	20.0	1.7	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0602	0.0600		32.8	40.0	-18.1	50.0
Trichloroethene	Ave	0.3112	0.3114		20.0	20.0	0.0	50.0
Ethyl acrylate	Ave	0.0319	0.0295		18.5	20.0	-7.5	50.0
Methylcyclohexane	LinF	0.4348	0.4579		18.5	20.0	-7.6	50.0
1,2-Dichloropropane	Ave	0.3897	0.3834		19.7	20.0	-1.6	20.0
Methyl methacrylate	Ave	0.0692	0.0581		16.8	20.0	-16.1	50.0
1,4-Dioxane	Ave	0.0045	0.0035		115	150	-23.2	50.0
Propyl acetate	Ave	0.6115	0.5254		17.2	20.0	-14.1	50.0
Dibromomethane	Ave	0.2316	0.2234		19.3	20.0	-3.6	50.0
Bromodichloromethane	Ave	0.4649	0.4630		19.9	20.0	-0.4	50.0
2-Chloroethyl vinyl ether	LinF	0.2201	0.1825		13.4	20.0	-33.2	50.0
Epichlorohydrin	Ave	0.0651	0.0617		379	400	-5.4	50.0
cis-1,3-Dichloropropene	Ave	0.8242	0.8091		19.6	20.0	-1.8	50.0
4-Methyl-2-pentanone	Ave	0.6331	0.5895		18.6	20.0	-6.9	50.0
Toluene	Ave	1.852	1.909		20.6	20.0	3.1	20.0
trans-1,3-Dichloropropene	Ave	0.7045	0.6561		18.6	20.0	-6.9	50.0
Ethyl methacrylate	LinF	0.3989	0.3468		13.6	20.0	-31.8	50.0
1,1,2-Trichloroethane	Ave	0.4093	0.4184		20.4	20.0	2.2	50.0
Tetrachloroethene	Ave	0.3167	0.3291		20.8	20.0	3.9	50.0
1,3-Dichloropropane	Ave	0.7909	0.7716		19.5	20.0	-2.4	50.0
2-Hexanone	Ave	0.4059	0.3666		18.1	20.0	-9.7	50.0
Butyl acetate	LinF	0.1138	0.1022		30.0	40.0	-25.1	50.0
Dibromochloromethane	Ave	0.4464	0.4396		19.7	20.0	-1.5	50.0
1,2-Dibromoethane	Ave	0.4342	0.4143		19.1	20.0	-4.6	50.0
Chlorobenzene	Ave	1.084	1.093	0.3000	20.2	20.0	0.9	50.0
Ethylbenzene	LinF	0.5447	0.5493		17.2	20.0	-13.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4057	0.3999		19.7	20.0	-1.4	50.0
m&p-Xylene	LinF	0.6774	0.7225		37.3	40.0	-6.8	50.0
Butyl acrylate	LinF	0.3349	0.2904		13.1	20.0	-34.3	50.0
o-Xylene	LinF	0.7039	0.7257		17.8	20.0	-11.0	50.0
Styrene	LinF	1.197	1.274		18.5	20.0	-7.5	50.0
Amly acetate	LinF	1.984	1.727		13.9	20.0	-30.4	50.0
Bromoform	Ave	0.2853	0.2810	0.1000	19.7	20.0	-1.5	50.0
Isopropylbenzene	LinF	1.661	1.779		17.9	20.0	-10.4	50.0
Monobromobenzene	Ave	0.8533	0.7793		18.3	20.0	-8.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-150001/2 Calibration Date: 03/06/2013 17:39

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10355.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
1,1,2,2-Tetrachloroethane	Ave	1.451	1.395	0.3000	19.2	20.0	-3.8	50.0
N-Propylbenzene	LinF	4.526	4.650		18.7	20.0	-6.7	50.0
1,2,3-Trichloropropane	Ave	0.3230	0.2946		18.2	20.0	-8.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3663	0.3356		18.3	20.0	-8.4	50.0
2-Chlorotoluene	Ave	3.317	3.356		20.2	20.0	1.2	50.0
p-Ethyltoluene	LinF	3.349	3.424		18.4	20.0	-8.2	50.0
1,3,5-Trimethylbenzene	LinF	2.870	2.945		17.4	20.0	-13.2	50.0
4-Chlorotoluene	Ave	2.920	2.991		20.5	20.0	2.4	50.0
Butyl Methacrylate	LinF	1.129	1.008		14.0	20.0	-29.9	50.0
tert-Butylbenzene	LinF	2.014	1.933		15.2	20.0	-23.8	50.0
1,2,4-Trimethylbenzene	LinF	2.947	3.048		17.6	20.0	-12.0	50.0
2-Octanone	LinF	1.907	1.678		13.1	20.0	-34.7	50.0
sec-Butylbenzene	LinF	3.440	3.674		18.3	20.0	-8.3	50.0
1,3-Dichlorobenzene	Ave	1.642	1.569		19.1	20.0	-4.4	50.0
p-Isopropyltoluene	LinF	2.635	2.701		16.9	20.0	-15.4	50.0
1,4-Dichlorobenzene	Ave	1.676	1.621		19.3	20.0	-3.3	50.0
Benzyl chloride	Ave	2.071	1.891		18.3	20.0	-8.7	50.0
Indan	LinF	1.005	1.001		17.5	20.0	-12.4	50.0
1,4-Diethylbenzene	LinF	0.5283	0.5537		17.6	20.0	-12.1	50.0
n-Butylbenzene	LinF	3.628	3.970		19.9	20.0	-0.4	50.0
1,2-Dichlorobenzene	Ave	1.628	1.560		19.2	20.0	-4.2	50.0
1,2,4,5-Tetramethylbenzene	LinF	0.8077	0.7439		14.4	20.0	-28.1	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2908	0.2616		18.0	20.0	-10.1	50.0
1,2,4-Trichlorobenzene	Ave	1.010	0.9222		18.3	20.0	-8.7	50.0
Hexachlorobutadiene	LinF	0.3321	0.3193		19.2	20.0	-4.1	50.0
Naphthalene	Ave	3.205	2.726		17.0	20.0	-15.0	50.0
1,2,3-Trichlorobenzene	Ave	1.001	0.8794		17.6	20.0	-12.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3216	0.3295		51.2	50.0	2.4	50.0
Toluene-d8 (Surr)	Ave	1.083	1.119		51.7	50.0	3.3	50.0
Bromofluorobenzene	Ave	0.6925	0.6681		48.2	50.0	-3.5	50.0

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10355.d
Report Date: 07-Mar-2013 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10355.d
Lab Smp Id: CCVIS
Inj Date : 06-MAR-2013 17:39
Operator : Inst ID: VOAMS9.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.573	1.573	(0.291)	72295	20.0000	19
3	Chloromethane	50	1.728	1.728	(0.320)	131010	20.0000	20
4	Vinyl Chloride	62	1.830	1.830	(0.338)	109194	20.0000	21
6	Bromomethane	94	2.103	2.103	(0.389)	59493	20.0000	23
5	Chloroethane	64	2.177	2.177	(0.403)	63788	20.0000	23
183	Dichlorofluoromethane	67	2.365	2.365	(0.437)	187180	20.0000	20
7	Trichlorofluoromethane	101	2.386	2.386	(0.441)	115424	20.0000	20
8	n-Pentane	72	2.397	2.397	(0.443)	29920	40.0000	44
9	Ethanol	46	2.541	2.541	(0.470)	88100	3000.00	2500
11	Ethyl Ether	59	2.579	2.579	(0.477)	73216	20.0000	20
10	Isoprene	67	2.600	2.600	(0.481)	116317	20.0000	21
13	Acrolein	56	2.755	2.755	(0.509)	37379	40.0000	44
14	Freon TF	101	2.771	2.771	(0.512)	68802	20.0000	21
15	1,1-Dichloroethene	96	2.798	2.798	(0.517)	57223	20.0000	20
16	Acetone	43	2.878	2.878	(0.532)	51850	20.0000	30
17	Iodomethane	142	2.953	2.953	(0.546)	94830	20.0000	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10355.d
Report Date: 07-Mar-2013 10:14

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.991	2.991	(0.553)	298725	20.0000	20
	170 Cyclopentene	67	3.130	3.130	(0.579)	211292	20.0000	20
	27 Methyl Acetate	43	3.119	3.119	(0.577)	83268	20.0000	19
	21 Acetonitrile	39	3.172	3.172	(0.587)	45217	400.000	260(H)
	22 Methylene Chloride	84	3.237	3.237	(0.598)	84752	20.0000	20
	24 TBA	59	3.301	3.301	(0.610)	157949	400.000	320
	28 MTBE	73	3.403	3.403	(0.629)	203069	20.0000	18
	25 trans-1,2-Dichloroethene	96	3.424	3.424	(0.633)	68838	20.0000	20
	26 Acrylonitrile	53	3.499	3.499	(0.647)	37581	20.0000	19
	29 Hexane	43	3.579	3.579	(0.662)	65408	20.0000	21
	32 DIPE	45	3.793	3.793	(0.701)	279933	20.0000	19
	30 1,1-Dichloroethane	63	3.825	3.825	(0.707)	160935	20.0000	20
	31 Vinyl Acetate	43	3.836	3.836	(0.709)	487780	40.0000	41(M)
	35 t-Butyl-ethyl-ether	59	4.114	4.114	(0.761)	232606	20.0000	19
	37 2,2-Dichloropropane	77	4.333	4.333	(0.801)	103221	20.0000	21
	36 cis-1,2-Dichloroethene	96	4.349	4.349	(0.804)	76764	20.0000	20
	39 Ethyl Acetate	70	4.365	4.365	(0.807)	16543	40.0000	35
	38 2-Butanone	72	4.365	4.365	(0.807)	10553	20.0000	20
	40 Bromochloromethane	128	4.574	4.574	(0.846)	33037	20.0000	20
	41 Tetrahydrofuran	42	4.574	4.574	(0.846)	33647	20.0000	19
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	68141	40.0000	37
	42 Chloroform	83	4.622	4.622	(0.855)	140272	20.0000	20
	44 Cyclohexane	56	4.767	4.767	(0.881)	138847	20.0000	18
	43 1,1,1-Trichloroethane	97	4.777	4.777	(0.883)	105411	20.0000	21
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	84067	20.0000	21
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	87305	20.0000	20
	48 Benzene	78	5.125	5.125	(0.578)	315498	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	184748	50.0000	51
	61 Isopropyl Acetate	43	5.173	5.173	(0.956)	427788	40.0000	36
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.958)	198188	20.0000	19
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	120223	20.0000	20
	51 n-Heptane	57	5.270	5.270	(0.974)	41839	20.0000	20
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	560623	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.633	5.633	(1.042)	26926	40.0000	33
	54 Trichloroethene	95	5.762	5.762	(1.065)	69834	20.0000	20
	55 Ethyl Acrylate	73	5.879	5.879	(1.087)	6606	20.0000	18
	56 Methyl cyclohexane	83	5.890	5.890	(1.089)	102687	20.0000	18
	57 1,2-Dichloropropane	63	6.051	6.051	(1.119)	85966	20.0000	20
	59 Methyl Methacrylate	100	6.126	6.126	(1.133)	13017	20.0000	17
	75 Propyl Acetate	43	6.179	6.179	(1.142)	117818	20.0000	17
	60 1,4-Dioxane	88	6.163	6.163	(1.139)	5844	150.000	120
	58 Dibromomethane	93	6.184	6.184	(1.143)	50090	20.0000	19
	68 Bromodichloromethane	83	6.329	6.329	(1.170)	103818	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.666	6.666	(1.232)	40922	20.0000	13
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	175098	400.000	380
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	114899	20.0000	20
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.789)	83713	20.0000	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10355.d
Report Date: 07-Mar-2013 10:14

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	397435	50.0000	52
	66 Toluene	91	7.158	7.158	(0.807)	271102	20.0000	21
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	93172	20.0000	19
	175 Ethyl methacrylate	69	7.533	7.533	(1.393)	77763	20.0000	14
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	59423	20.0000	20
	71 Tetrachloroethene	166	7.773	7.773	(0.876)	46735	20.0000	21
	72 1,3-Dichloropropane	76	7.934	7.934	(0.894)	109583	20.0000	20
	73 2-Hexanone	43	7.993	7.993	(0.901)	52055	20.0000	18
	76 Butyl Acetate	73	8.105	8.105	(0.914)	29040	40.0000	30
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	62427	20.0000	20
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	58829	20.0000	19
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	355033	50.0000	
	79 Chlorobenzene	112	8.907	8.907	(1.004)	155284	20.0000	20
	81 Ethylbenzene	106	9.009	9.009	(1.016)	78007	20.0000	17
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	56793	20.0000	20
	82 m+p-Xylene	106	9.164	9.164	(1.033)	205214	40.0000	37
	83 Butyl Acrylate	73	9.587	9.587	(1.081)	41243	20.0000	13
	84 o-Xylene	106	9.603	9.603	(1.083)	103059	20.0000	18
	85 Styrene	104	9.630	9.630	(1.086)	180960	20.0000	18
	87 Amyl Acetate	43	9.806	9.806	(0.893)	129766	20.0000	14
	86 Bromoform	173	9.828	9.828	(1.108)	39902	20.0000	20
	88 Isopropylbenzene	105	9.940	9.940	(1.121)	252584	20.0000	18
$	89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	125517	50.0000	48
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	104814	20.0000	19
	91 Bromobenzene	156	10.234	10.234	(0.932)	58562	20.0000	18
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	349440	20.0000	19
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.325	(0.940)	25222	20.0000	18
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	22134	20.0000	18
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	252184	20.0000	20
	188 4-Ethyltoluene	105	10.389	10.389	(0.946)	257303	20.0000	18
	97 1,3,5-Trimethylbenzene	105	10.437	10.437	(0.950)	221288	20.0000	17
	99 Butyl Methacrylate	87	10.512	10.512	(0.957)	75775	20.0000	14
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	224756	20.0000	20
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	145288	20.0000	15
	101 1,2,4-Trimethylbenzene	105	10.716	10.716	(0.976)	229013	20.0000	18
	102 2-Octanone	43	10.807	10.807	(0.984)	126119	20.0000	13
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	276070	20.0000	18
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	202939	20.0000	17
	105 1,3-Dichlorobenzene	146	10.930	10.930	(0.995)	117931	20.0000	19
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	187863	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	121815	20.0000	19
	110 Benzyl Chloride	91	11.095	11.095	(1.010)	142096	20.0000	18
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.066)	124172	20.0000	18
	171 Indan	117	11.144	11.144	(2.060)	224481	20.0000	18
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	298310	20.0000	20
	111 1,2-Dichlorobenzene	146	11.245	11.245	(1.024)	117214	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	11.727	11.727	(1.068)	19655	20.0000	18

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10355.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.652	11.652	(2.154)	166819	20.0000	14
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	69297	20.0000	18
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	23990	20.0000	19
	116 Naphthalene	128	12.379	12.379	(1.127)	204808	20.0000	17
	117 1,2,3-Trichlorobenzene	180	12.540	12.540	(1.142)	66085	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				145602	40.0000	40
M	121 Xylene (Total)	100				308273	60.0000	55

QC Flag Legend

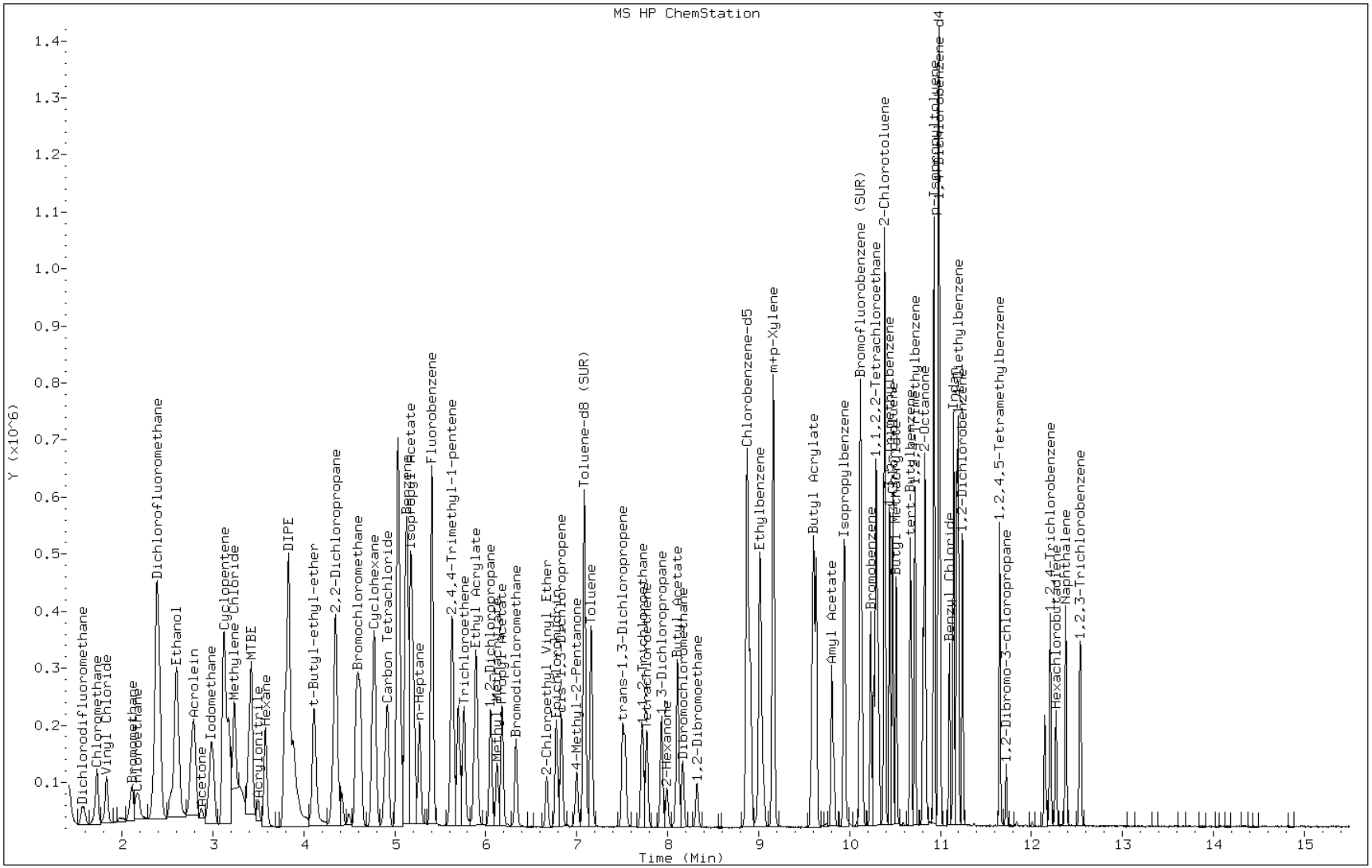
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: k10355.d

Date: 06-MAR-2013 17:39

Client ID: Instrument: VOAMS9.i

Sample Info: CCVIS Operator:



Manual Integration Report

Data File: k10355.d
Inj. Date and Time: 06-MAR-2013 17:39
Instrument ID: VOAMS9.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/07/2013

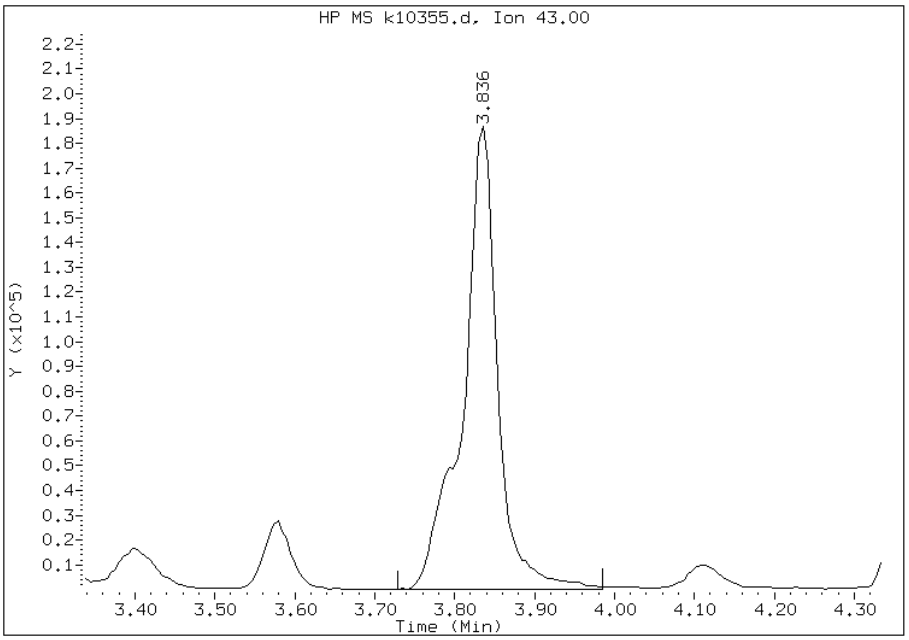
Processing Integration Results

RT: 3.84

Response: 561512

Amount: 37

Conc: 37



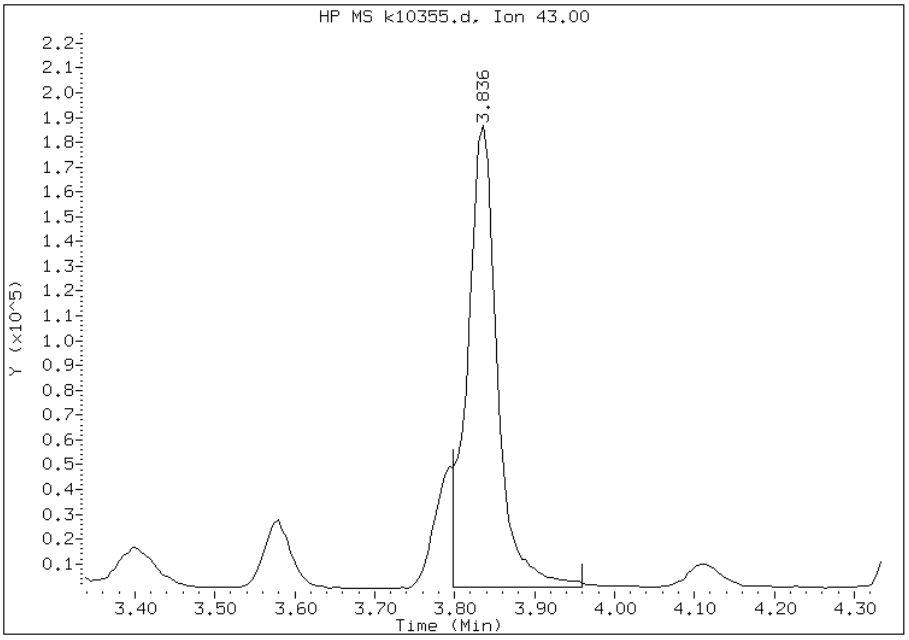
Manual Integration Results

RT: 3.84

Response: 487780

Amount: 41

Conc: 41



Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-150061/2 Calibration Date: 03/07/2013 04:05

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10377.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	LinF	0.3126	0.3216		19.1	20.0	-4.3	50.0
Chloromethane	Ave	0.5815	0.5963	0.1000	20.5	20.0	2.5	50.0
Vinyl chloride	Ave	0.4676	0.4948		21.2	20.0	5.8	20.0
Bromomethane	Ave	0.2285	0.2613		22.9	20.0	14.4	50.0
Chloroethane	Ave	0.2494	0.2919		23.4	20.0	17.0	50.0
Dichlorofluoromethane	Ave	0.8205	0.8589		20.9	20.0	4.7	50.0
Trichlorofluoromethane	LinF	0.4828	0.5117		20.0	20.0	0.2	50.0
n-Pentane	LinF	0.0663	0.0649		42.4	40.0	6.0	50.0
Ethanol	Ave	0.0031	0.0023		2210	3000	-26.4	50.0
Ethyl ether	Ave	0.3247	0.3305		20.4	20.0	1.8	50.0
Isopropene	Ave	0.4842	0.5239		21.6	20.0	8.2	50.0
Acrolein	LinF	0.0879	0.0917		47.9	40.0	19.6	50.0
Freon TF	Ave	0.2873	0.3103		21.6	20.0	8.0	50.0
1,1-Dichloroethene	Ave	0.2484	0.2753		22.2	20.0	10.8	20.0
Acetone	Ave	0.1549	0.1606		20.7	20.0	3.6	50.0
Iodomethane	Ave	0.4436	0.4294		19.4	20.0	-3.2	50.0
Carbon disulfide	Ave	1.299	1.375		21.2	20.0	5.8	50.0
Methyl acetate	Ave	0.3896	0.3737		19.2	20.0	-4.1	50.0
Cyclopentene	Ave	0.9184	0.9544		20.8	20.0	3.9	50.0
Acetonitrile	Ave	0.0152	0.0162		427	400	6.7	50.0
Methylene Chloride	Ave	0.3785	0.3857		20.4	20.0	1.9	50.0
TBA	Ave	0.0442	0.0355		321	400	-19.8	50.0
MTBE	Ave	0.9764	0.8977		18.4	20.0	-8.1	50.0
trans-1,2-Dichloroethene	Ave	0.3002	0.3149		21.0	20.0	4.9	50.0
Acrylonitrile	Ave	0.1741	0.1892		21.7	20.0	8.7	50.0
Hexane	Ave	0.2746	0.2921		21.3	20.0	6.4	50.0
DIPE	Ave	1.304	1.278		19.6	20.0	-2.0	50.0
1,1-Dichloroethane	Ave	0.7018	0.7489	0.1000	21.3	20.0	6.7	50.0
Vinyl acetate	Ave	1.065	1.029		38.6	40.0	-3.4	50.0
Tert-butyl ethyl ether	Ave	1.102	1.041		18.9	20.0	-5.6	50.0
2,2-Dichloropropane	Ave	0.4466	0.4837		21.7	20.0	8.3	50.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3492		20.2	20.0	1.1	50.0
2-Butanone	Ave	0.0474	0.0466		19.7	20.0	-1.6	50.0
Ethyl acetate	Ave	0.0422	0.0371		35.2	40.0	-12.1	50.0
Bromochloromethane	Ave	0.1511	0.1492		19.7	20.0	-1.3	50.0
Tetrahydrofuran	Ave	0.1584	0.1427		18.0	20.0	-9.9	50.0
Methacrylonitrile	Ave	0.1657	0.1507		36.4	40.0	-9.1	50.0
Chloroform	Ave	0.6120	0.6552		21.4	20.0	7.1	20.0
Cyclohexane	LinF	0.5960	0.6126		17.7	20.0	-11.6	50.0
1,1,1-Trichloroethane	Ave	0.4495	0.4955		22.0	20.0	10.2	50.0
Carbon tetrachloride	Ave	0.3596	0.3966		22.1	20.0	10.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-150061/2 Calibration Date: 03/07/2013 04:05

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10377.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
1,1-Dichloropropene	Ave	0.3856	0.4016		20.8	20.0	4.1	50.0
Benzene	Ave	2.105	2.296		21.8	20.0	9.1	50.0
Isopropyl acetate	Ave	1.047	0.9581		36.6	40.0	-8.4	50.0
Tert-amyl methyl ether	Ave	0.9407	0.8675		18.4	20.0	-7.8	50.0
1,2-Dichloroethane	Ave	0.5365	0.5560		20.7	20.0	3.6	50.0
n-Heptane	LinF	0.1760	0.1878		20.5	20.0	2.4	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0602	0.0573		31.3	40.0	-21.8	50.0
Trichloroethene	Ave	0.3112	0.3261		21.0	20.0	4.8	50.0
Ethyl acrylate	Ave	0.0319	0.0265		16.6	20.0	-16.9	50.0
Methylcyclohexane	LinF	0.4348	0.4480		18.1	20.0	-9.6	50.0
1,2-Dichloropropane	Ave	0.3897	0.3903		20.0	20.0	0.2	20.0
Methyl methacrylate	Ave	0.0692	0.0539		15.6	20.0	-22.1	50.0
1,4-Dioxane	Ave	0.0045	0.0033		108	150	-27.9	50.0
Propyl acetate	Ave	0.6115	0.5284		17.3	20.0	-13.6	50.0
Dibromomethane	Ave	0.2316	0.2351		20.3	20.0	1.5	50.0
Bromodichloromethane	Ave	0.4649	0.4854		20.9	20.0	4.4	50.0
2-Chloroethyl vinyl ether	LinF	0.2201	0.1770		12.9	20.0	-35.3	50.0
Epichlorohydrin	Ave	0.0651	0.0610		375	400	-6.3	50.0
cis-1,3-Dichloropropene	Ave	0.8242	0.8353		20.3	20.0	1.3	50.0
4-Methyl-2-pentanone	Ave	0.6331	0.5840		18.4	20.0	-7.8	50.0
Toluene	Ave	1.852	1.950		21.1	20.0	5.3	20.0
trans-1,3-Dichloropropene	Ave	0.7045	0.6799		19.3	20.0	-3.5	50.0
Ethyl methacrylate	LinF	0.3989	0.3430		13.5	20.0	-32.5	50.0
1,1,2-Trichloroethane	Ave	0.4093	0.4261		20.8	20.0	4.1	50.0
Tetrachloroethene	Ave	0.3167	0.3352		21.2	20.0	5.8	50.0
1,3-Dichloropropane	Ave	0.7909	0.8088		20.5	20.0	2.3	50.0
2-Hexanone	Ave	0.4059	0.3687		18.2	20.0	-9.2	50.0
Butyl acetate	LinF	0.1138	0.1002		29.3	40.0	-26.6	50.0
Dibromochloromethane	Ave	0.4464	0.4432		19.9	20.0	-0.7	50.0
1,2-Dibromoethane	Ave	0.4342	0.4274		19.7	20.0	-1.6	50.0
Chlorobenzene	Ave	1.084	1.124	0.3000	20.7	20.0	3.7	50.0
Ethylbenzene	LinF	0.5447	0.5651		17.7	20.0	-11.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4057	0.4173		20.6	20.0	2.9	50.0
m&p-Xylene	LinF	0.6774	0.7412		38.3	40.0	-4.4	50.0
Butyl acrylate	LinF	0.3349	0.2887		13.1	20.0	-34.6	50.0
o-Xylene	LinF	0.7039	0.7517		18.4	20.0	-7.9	50.0
Styrene	LinF	1.197	1.300		18.9	20.0	-5.6	50.0
Amly acetate	LinF	1.984	1.724		13.9	20.0	-30.5	50.0
Bromoform	Ave	0.2853	0.2794	0.1000	19.6	20.0	-2.1	50.0
Isopropylbenzene	LinF	1.661	1.829		18.4	20.0	-7.9	50.0
Monobromobenzene	Ave	0.8533	0.8110		19.0	20.0	-4.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-150061/2 Calibration Date: 03/07/2013 04:05

Instrument ID: VOAMS9 Calib Start Date: 03/05/2013 17:53

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 03/06/2013 02:14

Lab File ID: k10377.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
1,1,2,2-Tetrachloroethane	Ave	1.451	1.440	0.3000	19.9	20.0	-0.7	50.0
N-Propylbenzene	LinF	4.526	4.901		19.7	20.0	-1.6	50.0
1,2,3-Trichloropropane	Ave	0.3230	0.3109		19.2	20.0	-3.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3663	0.3414		18.6	20.0	-6.8	50.0
2-Chlorotoluene	Ave	3.317	3.488		21.0	20.0	5.1	50.0
p-Ethyltoluene	LinF	3.349	3.379		18.1	20.0	-9.4	50.0
1,3,5-Trimethylbenzene	LinF	2.870	3.035		17.9	20.0	-10.5	50.0
4-Chlorotoluene	Ave	2.920	3.120		21.4	20.0	6.9	50.0
Butyl Methacrylate	LinF	1.129	0.996		13.8	20.0	-30.8	50.0
tert-Butylbenzene	LinF	2.014	2.033		16.0	20.0	-19.9	50.0
1,2,4-Trimethylbenzene	LinF	2.947	3.180		18.4	20.0	-8.1	50.0
2-Octanone	LinF	1.907	1.667		13.0	20.0	-35.1	50.0
sec-Butylbenzene	LinF	3.440	3.842		19.2	20.0	-4.1	50.0
p-Isopropyltoluene	LinF	2.635	2.813		17.6	20.0	-11.9	50.0
1,3-Dichlorobenzene	Ave	1.642	1.629		19.8	20.0	-0.8	50.0
1,4-Dichlorobenzene	Ave	1.676	1.647		19.7	20.0	-1.7	50.0
Benzyl chloride	Ave	2.071	1.900		18.3	20.0	-8.3	50.0
Indan	LinF	1.005	0.9931		17.4	20.0	-13.1	50.0
1,4-Diethylbenzene	LinF	0.5283	0.5465		17.3	20.0	-13.3	50.0
n-Butylbenzene	LinF	3.628	4.143		20.8	20.0	4.0	50.0
1,2-Dichlorobenzene	Ave	1.628	1.616		19.8	20.0	-0.8	50.0
1,2,4,5-Tetramethylbenzene	LinF	0.8077	0.7222		14.0	20.0	-30.2	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2908	0.2825		19.4	20.0	-2.8	50.0
1,2,4-Trichlorobenzene	Ave	1.010	0.9444		18.7	20.0	-6.5	50.0
Hexachlorobutadiene	LinF	0.3321	0.3578		21.5	20.0	7.5	50.0
Naphthalene	Ave	3.205	2.751		17.2	20.0	-14.2	50.0
1,2,3-Trichlorobenzene	Ave	1.001	0.9048		18.1	20.0	-9.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3216	0.3383		52.6	50.0	5.2	50.0
Toluene-d8 (Surr)	Ave	1.083	1.119		51.7	50.0	3.3	50.0
Bromofluorobenzene	Ave	0.6925	0.6713		48.5	50.0	-3.1	50.0

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10377.d
Report Date: 07-Mar-2013 10:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10377.d
Lab Smp Id: CCVIS
Inj Date : 07-MAR-2013 04:05
Operator : Inst ID: VOAMS9.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:09 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.568	1.568	(0.290)	68510	20.0000	19
3	Chloromethane	50	1.728	1.728	(0.320)	127045	20.0000	20
4	Vinyl Chloride	62	1.830	1.830	(0.338)	105415	20.0000	21
6	Bromomethane	94	2.103	2.103	(0.389)	55677	20.0000	23
5	Chloroethane	64	2.167	2.167	(0.401)	62192	20.0000	23
183	Dichlorofluoromethane	67	2.365	2.365	(0.437)	183004	20.0000	21
7	Trichlorofluoromethane	101	2.386	2.386	(0.441)	109029	20.0000	20
8	n-Pentane	72	2.402	2.402	(0.444)	27674	40.0000	42
9	Ethanol	46	2.557	2.557	(0.473)	72904	3000.00	2200
11	Ethyl Ether	59	2.579	2.579	(0.477)	70423	20.0000	20
10	Isoprene	67	2.600	2.600	(0.481)	111618	20.0000	22
13	Acrolein	56	2.755	2.755	(0.509)	39056	40.0000	48
14	Freon TF	101	2.777	2.777	(0.513)	66108	20.0000	22
15	1,1-Dichloroethene	96	2.804	2.804	(0.518)	58660	20.0000	22
16	Acetone	43	2.878	2.878	(0.532)	34217	20.0000	21
17	Iodomethane	142	2.953	2.953	(0.546)	91493	20.0000	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10377.d
Report Date: 07-Mar-2013 10:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	18 Carbon Disulfide	76	2.985	2.985	(0.552)	292919	20.0000	21
	170 Cyclopentene	67	3.130	3.130	(0.579)	203350	20.0000	21
	27 Methyl Acetate	43	3.119	3.119	(0.577)	79623	20.0000	19
	21 Acetonitrile	39	3.167	3.167	(0.586)	69002	400.000	430
	22 Methylene Chloride	84	3.237	3.237	(0.598)	82186	20.0000	20
	24 TBA	59	3.296	3.296	(0.609)	151133	400.000	320
	28 MTBE	73	3.397	3.397	(0.628)	191258	20.0000	18
	25 trans-1,2-Dichloroethene	96	3.424	3.424	(0.633)	67098	20.0000	21
	26 Acrylonitrile	53	3.499	3.499	(0.647)	40321	20.0000	22
	29 Hexane	43	3.579	3.579	(0.662)	62239	20.0000	21
	32 DIPE	45	3.793	3.793	(0.701)	272266	20.0000	20
	30 1,1-Dichloroethane	63	3.825	3.825	(0.707)	159565	20.0000	21
	31 Vinyl Acetate	43	3.836	3.836	(0.709)	438384	40.0000	39(M)
	35 t-Butyl-ethyl-ether	59	4.114	4.114	(0.761)	221700	20.0000	19
	37 2,2-Dichloropropane	77	4.334	4.334	(0.801)	103049	20.0000	22
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	74396	20.0000	20
	39 Ethyl Acetate	70	4.366	4.366	(0.807)	15821	40.0000	35
	38 2-Butanone	72	4.366	4.366	(0.807)	9933	20.0000	20
	40 Bromochloromethane	128	4.574	4.574	(0.846)	31783	20.0000	20
	41 Tetrahydrofuran	42	4.580	4.580	(0.847)	30405	20.0000	18
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	64212	40.0000	36
	42 Chloroform	83	4.628	4.628	(0.856)	139598	20.0000	21
	44 Cyclohexane	56	4.767	4.767	(0.881)	130529	20.0000	18
	43 1,1,1-Trichloroethane	97	4.778	4.778	(0.883)	105581	20.0000	22
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	84504	20.0000	22
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	85560	20.0000	21
	48 Benzene	78	5.125	5.125	(0.577)	312205	20.0000	22
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	180232	50.0000	52
	61 Isopropyl Acetate	43	5.173	5.173	(0.956)	408290	40.0000	37
	50 t-Amyl-methyl-ether	73	5.190	5.190	(0.959)	184832	20.0000	18
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	118467	20.0000	21
	51 n-Heptane	57	5.275	5.275	(0.975)	40023	20.0000	20
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	532660	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.634	5.634	(1.042)	24433	40.0000	31
	54 Trichloroethene	95	5.762	5.762	(1.065)	69474	20.0000	21
	55 Ethyl Acrylate	73	5.880	5.880	(1.087)	5642	20.0000	17
	56 Methyl cyclohexane	83	5.896	5.896	(1.090)	95445	20.0000	18
	57 1,2-Dichloropropane	63	6.056	6.056	(1.120)	83164	20.0000	20
	59 Methyl Methacrylate	100	6.126	6.126	(1.133)	11487	20.0000	16
	75 Propyl Acetate	43	6.179	6.179	(1.142)	112577	20.0000	17
	60 1,4-Dioxane	88	6.163	6.163	(1.139)	5213	150.000	110
	58 Dibromomethane	93	6.185	6.185	(1.143)	50091	20.0000	20
	68 Bromodichloromethane	83	6.334	6.334	(1.171)	103422	20.0000	21
	62 2-Chloroethyl Vinyl Ether	63	6.671	6.671	(1.233)	37712	20.0000	13
	63 Epichlorohydrin	57	6.773	6.773	(0.763)	165908	400.000	370
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	113567	20.0000	20
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.788)	79405	20.0000	18

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10377.d
Report Date: 07-Mar-2013 10:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	380401	50.0000	52
	66 Toluene	91	7.158	7.158	(0.807)	265080	20.0000	21
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	92436	20.0000	19
	175 Ethyl methacrylate	69	7.533	7.533	(1.393)	73078	20.0000	13
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	57928	20.0000	21
	71 Tetrachloroethene	166	7.773	7.773	(0.876)	45574	20.0000	21
	72 1,3-Dichloropropane	76	7.934	7.934	(0.894)	109964	20.0000	20
	73 2-Hexanone	43	7.993	7.993	(0.901)	50129	20.0000	18
	76 Butyl Acetate	73	8.110	8.110	(0.914)	27235	40.0000	29
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	60254	20.0000	20
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	58113	20.0000	20
*	78 Chlorobenzene-d5	117	8.875	8.875	(1.000)	339911	50.0000	
	79 Chlorobenzene	112	8.908	8.908	(1.004)	152824	20.0000	21
	81 Ethylbenzene	106	9.015	9.015	(1.016)	76829	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	9.031	9.031	(1.017)	56737	20.0000	20
	82 m+p-Xylene	106	9.164	9.164	(1.033)	201544	40.0000	38
	83 Butyl Acrylate	73	9.587	9.587	(1.080)	39258	20.0000	13
	84 o-Xylene	106	9.603	9.603	(1.082)	102204	20.0000	18
	85 Styrene	104	9.630	9.630	(1.085)	176804	20.0000	19
	87 Amyl Acetate	43	9.806	9.806	(0.893)	122916	20.0000	14
	86 Bromoform	173	9.833	9.833	(1.108)	37986	20.0000	20
	88 Isopropylbenzene	105	9.945	9.945	(1.121)	248622	20.0000	18
$	89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	119667	50.0000	48
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	102675	20.0000	20
	91 Bromobenzene	156	10.234	10.234	(0.932)	57826	20.0000	19
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	349440	20.0000	20
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.325	(0.940)	24342	20.0000	19
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	22164	20.0000	19
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	248655	20.0000	21
	188 4-Ethyltoluene	105	10.389	10.389	(0.946)	240944	20.0000	18
	97 1,3,5-Trimethylbenzene	105	10.443	10.443	(0.951)	216412	20.0000	18
	99 Butyl Methacrylate	87	10.512	10.512	(0.957)	71035	20.0000	14
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	222457	20.0000	21
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	144973	20.0000	16
	101 1,2,4-Trimethylbenzene	105	10.721	10.721	(0.976)	226730	20.0000	18
	102 2-Octanone	43	10.807	10.807	(0.984)	118887	20.0000	13
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	273938	20.0000	19
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	200566	20.0000	18
	105 1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	116112	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	178247	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	117407	20.0000	20
	110 Benzyl Chloride	91	11.096	11.096	(1.010)	135453	20.0000	18
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.066)	116433	20.0000	17
	171 Indan	117	11.144	11.144	(2.060)	211589	20.0000	17
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	295374	20.0000	21
	111 1,2-Dichlorobenzene	146	11.245	11.245	(1.024)	115206	20.0000	20
	112 1,2-Dibromo-3-chloropropane	75	11.722	11.722	(1.067)	20145	20.0000	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10377.d
Report Date: 07-Mar-2013 10:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.647	11.647	(2.153)	153875	20.0000	14
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	67335	20.0000	19
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	25510	20.0000	22
	116 Naphthalene	128	12.374	12.374	(1.127)	196178	20.0000	17
	117 1,2,3-Trichlorobenzene	180	12.535	12.535	(1.141)	64508	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				141494	40.0000	41
M	121 Xylene (Total)	100				303748	60.0000	57

QC Flag Legend

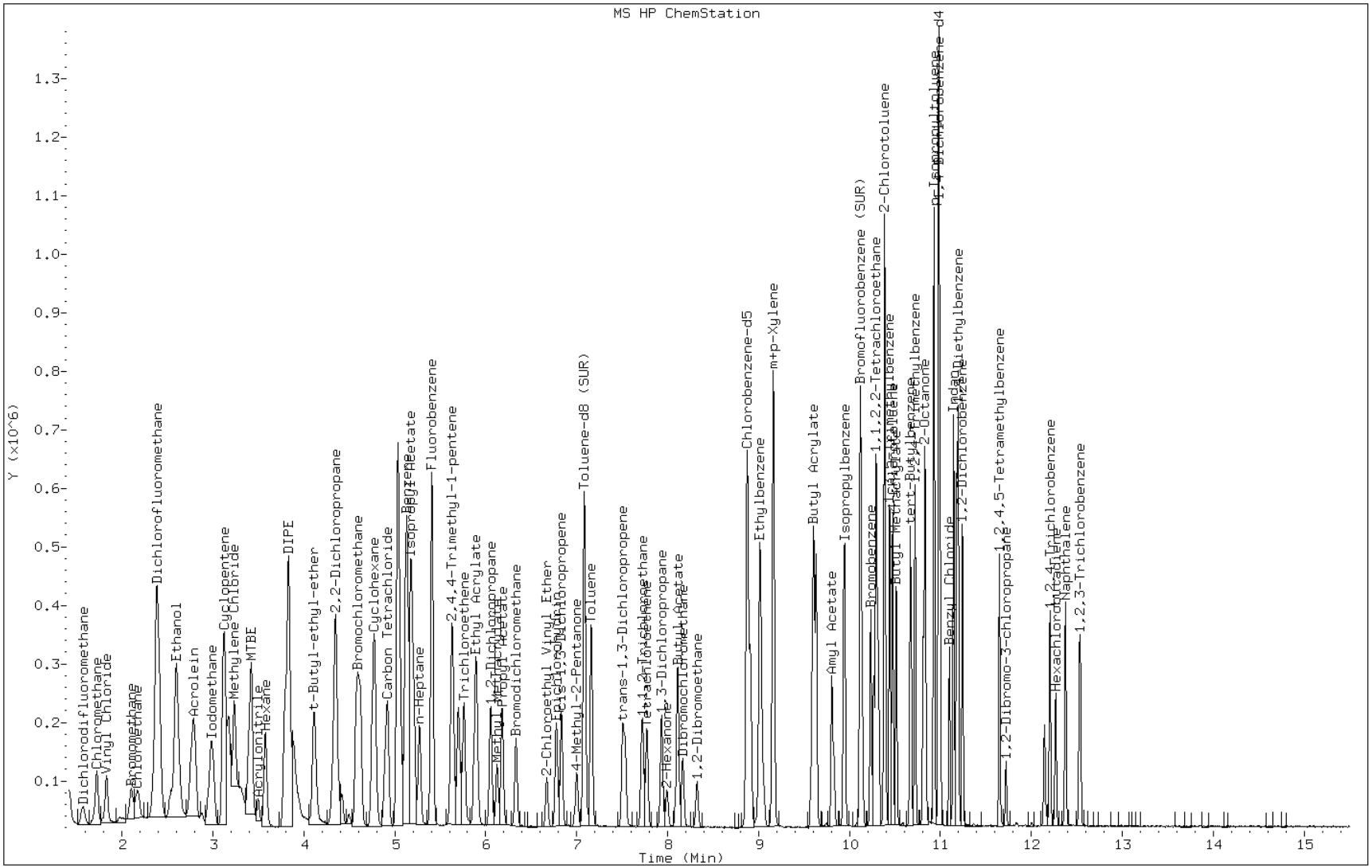
M - Compound response manually integrated.

Data File: k10377.d

Date: 07-MAR-2013 04:05

Client ID: Instrument: VOAMS9.i

Sample Info: CCVIS Operator:



Manual Integration Report

Data File: k10377.d
Inj. Date and Time: 07-MAR-2013 04:05
Instrument ID: VOAMS9.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/07/2013

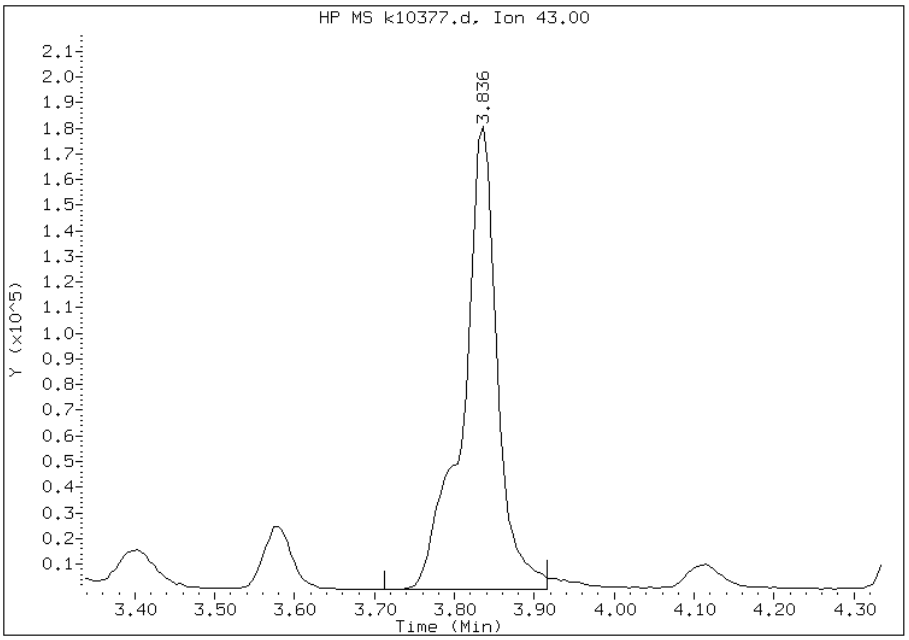
Processing Integration Results

RT: 3.84

Response: 534780

Amount: 47

Conc: 47



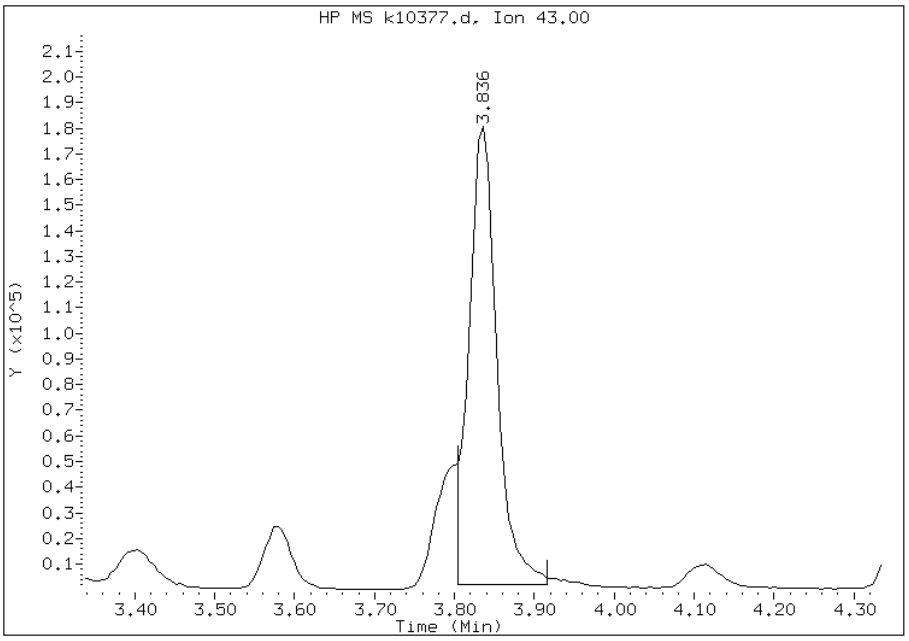
Manual Integration Results

RT: 3.84

Response: 438384

Amount: 39

Conc: 39



Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10307.d
Report Date: 06-Mar-2013 00:29

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10307.d
Lab Smp Id: BFB
Inj Date : 05-MAR-2013 17:06
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

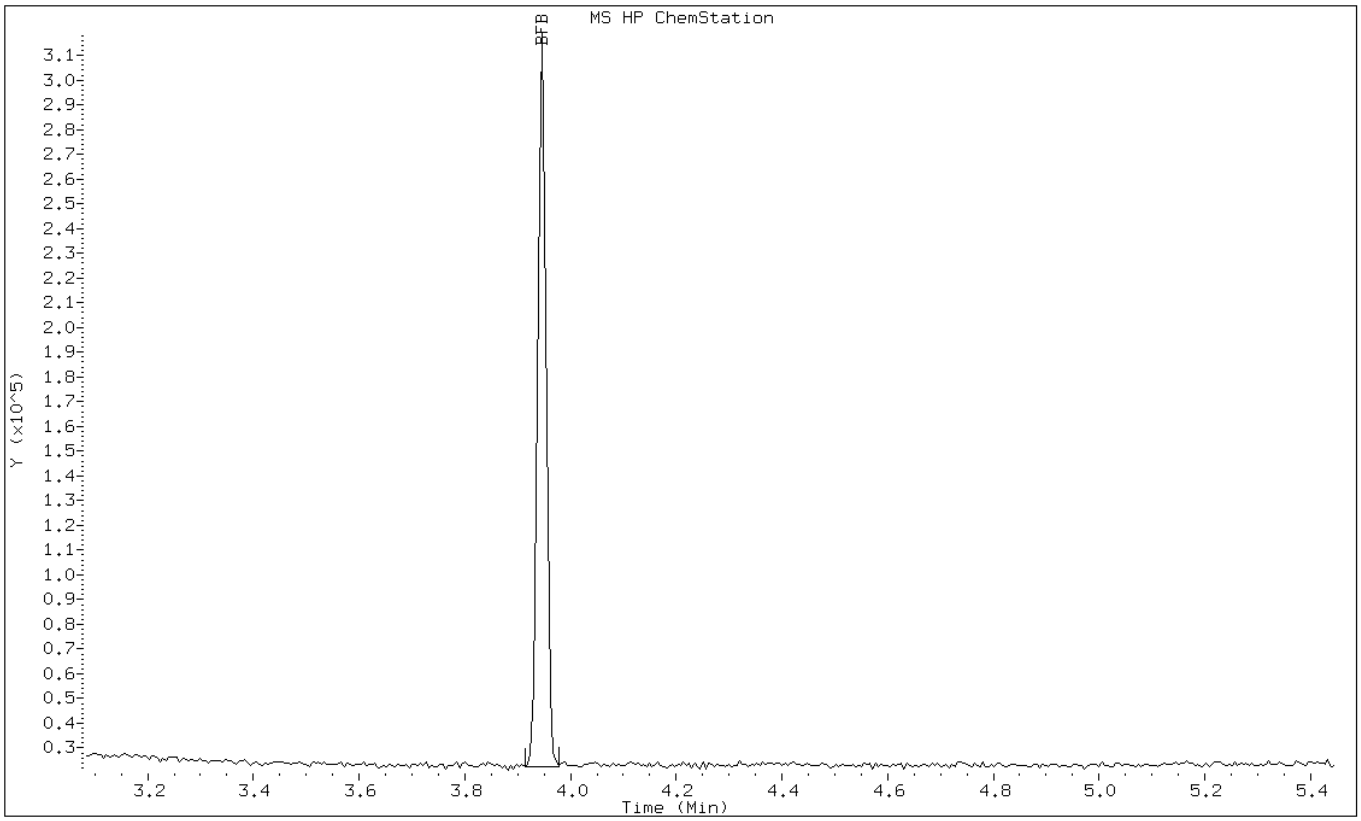
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.946	4.000 (0.000)	95	63280			0.00- 100.00	100.00
3.946	4.000 (0.000)	50	14183			15.00- 40.00	22.41
3.946	4.000 (0.000)	75	34312			30.00- 60.00	54.22
3.946	4.000 (0.000)	96	3746			5.00- 9.00	5.92
3.946	4.000 (0.000)	173	737			0.00- 2.00	1.91
3.946	4.000 (0.000)	174	38656			50.00- 100.00	61.09
3.946	4.000 (0.000)	175	3108			5.00- 9.00	8.04
3.946	4.000 (0.000)	176	37744			95.00- 101.00	97.64
3.946	4.000 (0.000)	177	2543			5.00- 9.00	6.74

Data File: k10307.d

Date: 05-MAR-2013 17:06

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1



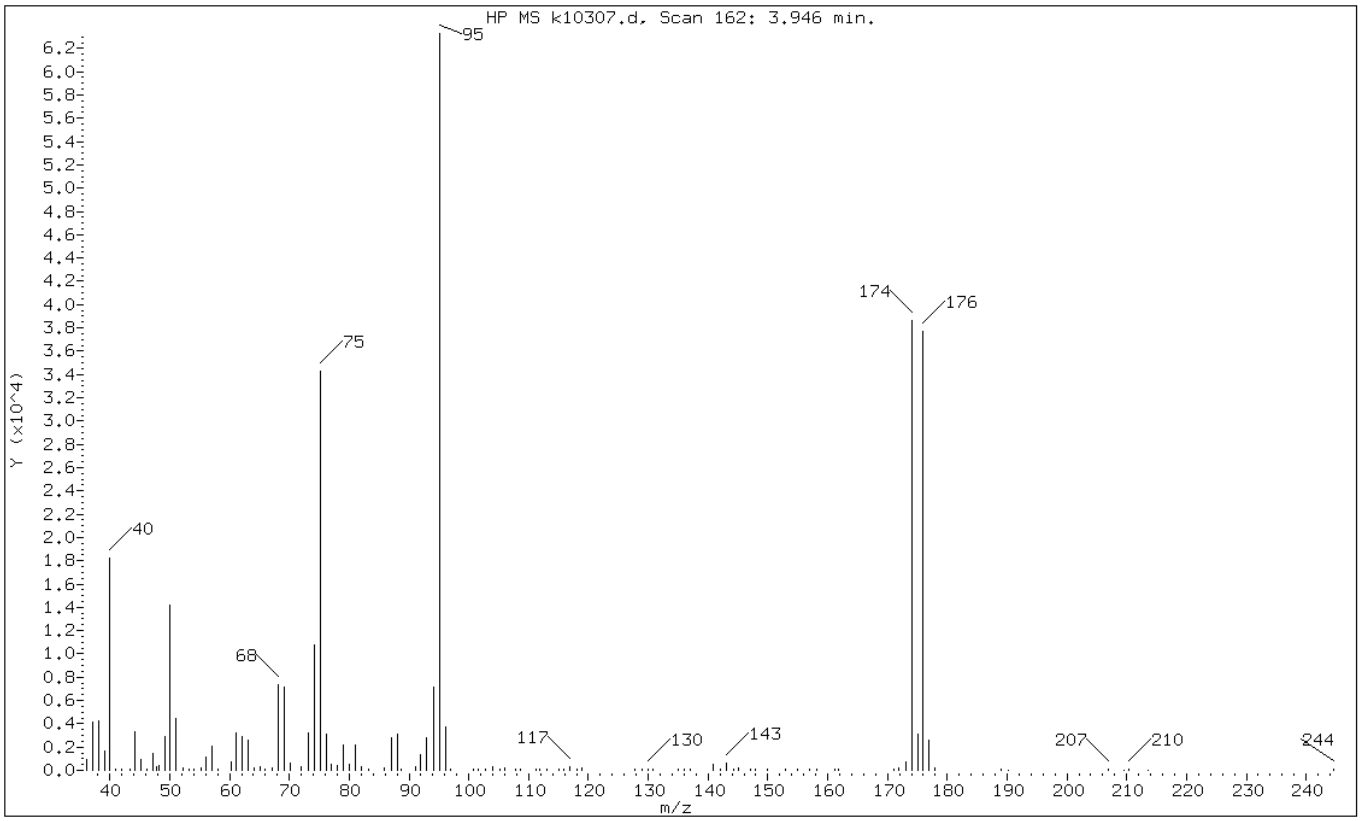
Data File: k10307.d

Date: 05-MAR-2013 17:06

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.41
75	30.00 - 60.00% of mass 95	54.22
96	5.00 - 9.00% of mass 95	5.92
173	Less than 2.00% of mass 174	1.16 (1.91)
174	50.00 - 100.00% of mass 95	61.09
175	5.00 - 9.00% of mass 174	4.91 (8.04)
176	95.00 - 101.00% of mass 174	59.65 (97.64)
177	5.00 - 9.00% of mass 176	4.02 (6.74)

Data File: k10307.d

Date: 05-MAR-2013 17:06

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b/k10307.d
Spectrum: HP MS k10307.d, Scan 162: 3.946 min.
Location of Maximum: 95.10
Number of points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	899	64.10	253	96.10	3746	144.20	104
37.10	4151	65.10	283	97.00	87	145.00	186
38.10	4276	66.00	83	100.80	56	147.00	69
39.10	1636	67.10	212	101.60	59	147.90	96
40.00	18224	68.10	7379	102.80	69	150.00	72
41.00	100	69.10	7165	104.00	358	152.90	58
42.00	112	70.10	584	105.10	117	154.90	135
43.30	101	72.00	334	106.00	181	156.90	117
44.10	3362	73.10	3223	107.90	61	158.20	77
45.10	912	74.10	10820	108.70	68	161.10	70
46.10	104	75.10	34312	111.20	57	161.90	57
47.10	1483	76.10	3124	111.90	68	171.10	86
47.80	335	76.90	517	113.00	98	171.90	216
48.10	385	78.00	413	115.00	74	173.00	737
49.10	2898	79.00	2144	115.90	138	174.00	38656
50.10	14183	80.00	543	116.90	307	175.00	3108
51.10	4423	81.00	2138	118.00	143	176.00	37744
52.20	244	82.10	324	118.90	213	177.00	2543
53.20	147	83.30	104	127.80	136	178.00	182
54.10	125	85.90	171	128.90	117	188.90	78
55.20	213	87.00	2796	130.00	139	190.20	51
56.10	1149	88.00	3109	130.80	58	206.90	144
57.10	2101	88.70	62	135.00	134	209.50	50
58.10	116	91.10	347	136.10	85	210.40	61
60.20	758	92.00	1335	137.00	101	213.60	50
61.10	3174	93.00	2771	140.90	504	244.60	62
62.10	2876	94.10	7159	142.10	100		
63.10	2580	95.10	63280	143.00	616		

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10326.d
Report Date: 06-Mar-2013 05:08

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10326.d
Lab Smp Id: BFB
Inj Date : 06-MAR-2013 05:01
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

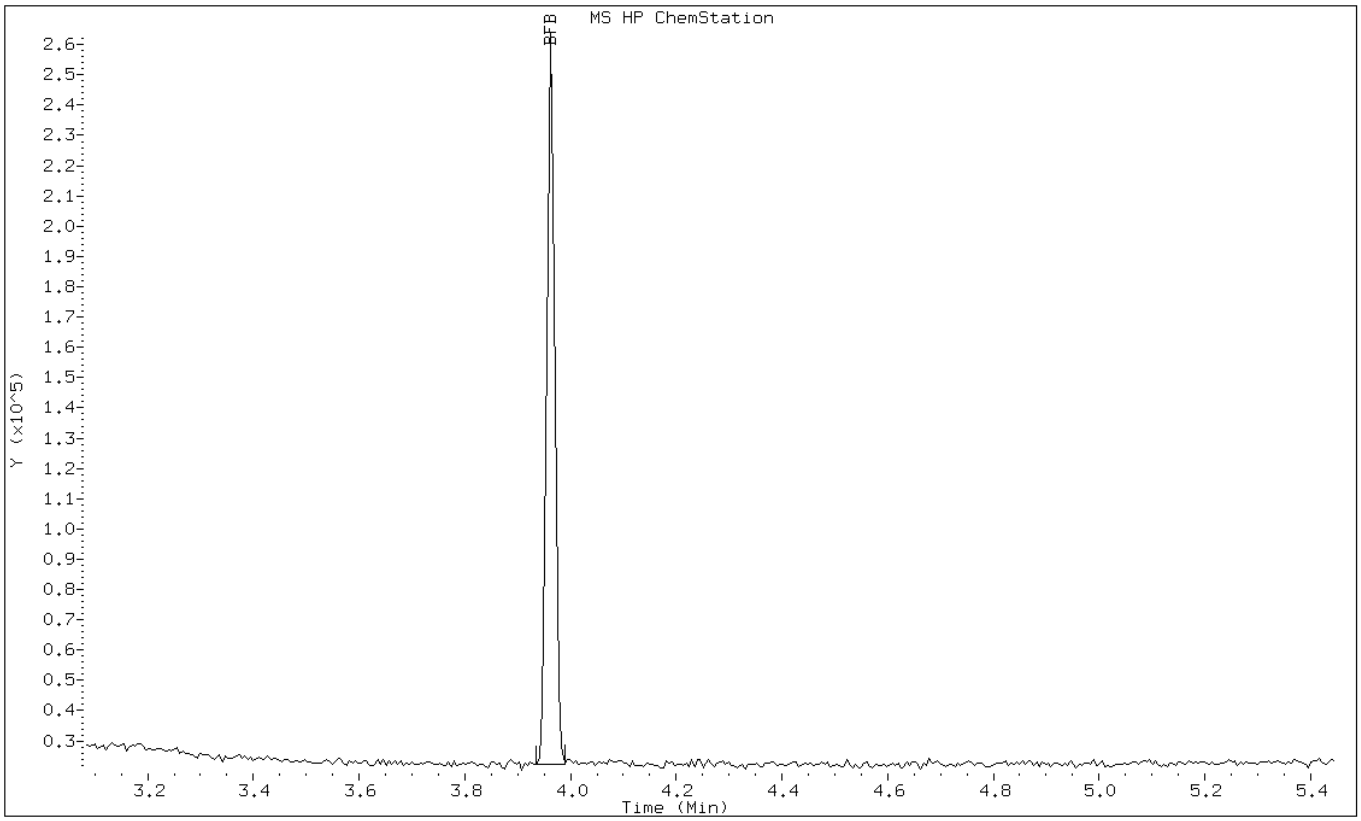
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.962	4.000 (0.000)	95	43184			0.00- 100.00	100.00
3.962	4.000 (0.000)	50	10087			15.00- 40.00	23.36
3.962	4.000 (0.000)	75	21920			30.00- 60.00	50.76
3.962	4.000 (0.000)	96	2956			5.00- 9.00	6.85
3.962	4.000 (0.000)	173	0			0.00- 2.00	0.00
3.962	4.000 (0.000)	174	26856			50.00- 100.00	62.19
3.962	4.000 (0.000)	175	1987			5.00- 9.00	7.40
3.962	4.000 (0.000)	176	26104			95.00- 101.00	97.20
3.962	4.000 (0.000)	177	1789			5.00- 9.00	6.85

Data File: k10326.d

Date: 06-MAR-2013 05:01

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1



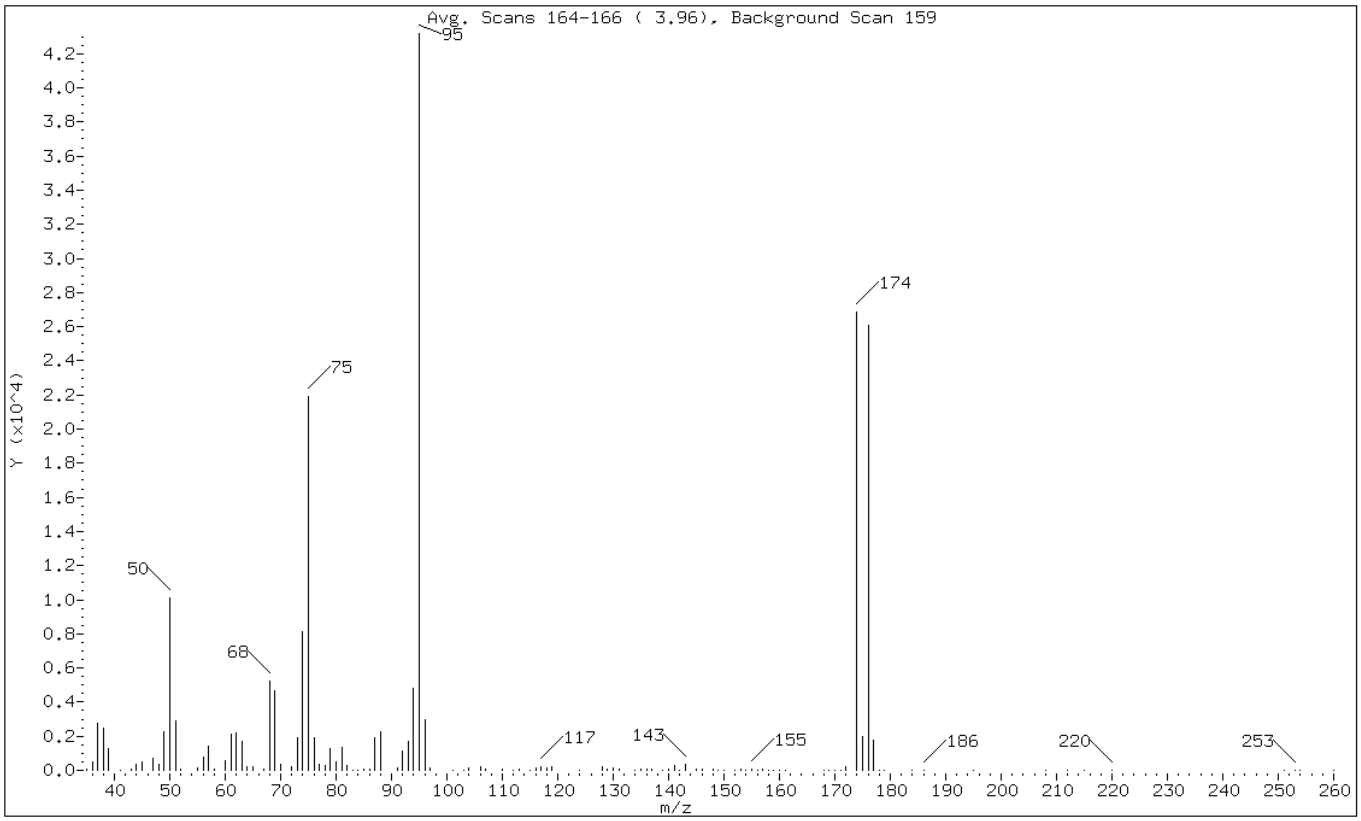
Data File: k10326.d

Date: 06-MAR-2013 05:01

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.36
75	30.00 - 60.00% of mass 95	50.76
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	62.19
175	5.00 - 9.00% of mass 174	4.60 (7.40)
176	95.00 - 101.00% of mass 174	60.45 (97.20)
177	5.00 - 9.00% of mass 176	4.14 (6.85)

Data File: k10326.d

Date: 06-MAR-2013 05:01

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10326.d
Spectrum: Avg. Scans 164-166 (3.96), Background Scan 159
Location of Maximum: 95.00
Number of points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	43	73.00	1878	113.00	40	157.00	48
36.00	530	74.00	8099	115.00	22	158.00	25
37.00	2726	75.00	21920	116.00	110	159.00	22
38.00	2474	76.00	1873	117.00	242	160.00	30
39.00	1247	77.00	362	118.00	156	161.00	18
41.00	32	78.00	259	119.00	201	168.00	20
43.00	53	79.00	1272	124.00	19	169.00	17
44.00	321	80.00	478	128.00	195	170.00	13
45.00	494	81.00	1345	129.00	47	171.00	27
47.00	708	82.00	301	130.00	140	172.00	241
48.00	320	83.00	22	131.00	48	174.00	26856
49.00	2267	84.00	21	134.00	35	175.00	1987
50.00	10087	85.00	55	135.00	82	176.00	26104
51.00	2884	86.00	88	136.00	47	177.00	1789
52.00	63	87.00	1935	137.00	48	178.00	30
55.00	160	88.00	2228	139.00	18	179.00	32
56.00	784	91.00	171	140.00	70	184.00	26
57.00	1408	92.00	1102	141.00	302	186.00	18
58.00	49	93.00	1721	142.00	20	195.00	16
60.00	557	94.00	4786	143.00	350	208.00	16
61.00	2121	95.00	43184	145.00	66	212.00	18
62.00	2223	96.00	2956	146.00	97	215.00	17
63.00	1703	97.00	163	148.00	65	220.00	25
64.00	221	101.00	19	149.00	19	251.00	21
65.00	234	103.00	17	150.00	21	253.00	26
67.00	104	104.00	162	152.00	22	254.00	23
68.00	5205	106.00	182	153.00	37	260.00	25
69.00	4674	107.00	68	154.00	34		
70.00	353	110.00	44	155.00	92		
72.00	214	112.00	30	156.00	19		

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10354.d
Report Date: 06-Mar-2013 17:21

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10354.d
Lab Smp Id: BFB
Inj Date : 06-MAR-2013 17:17
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

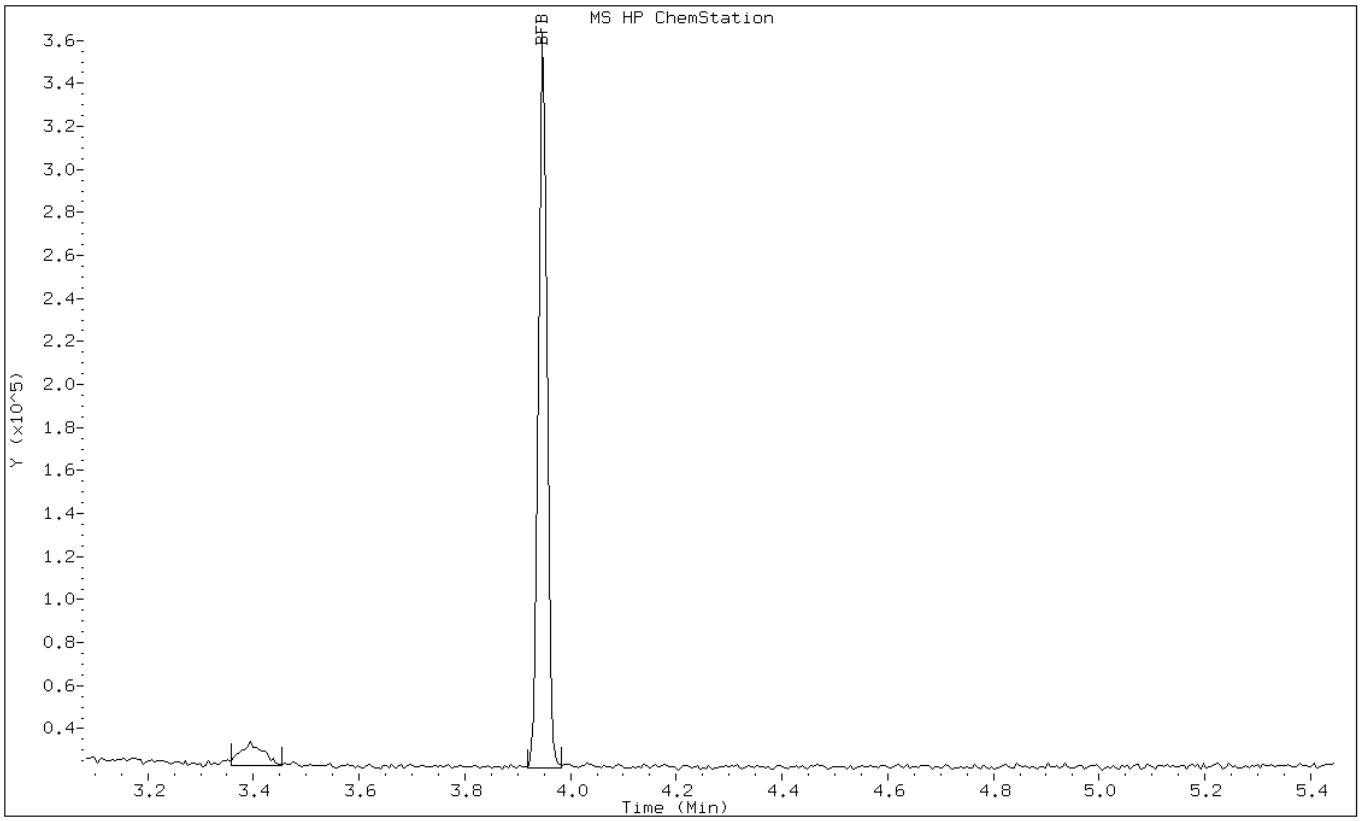
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.946	4.000 (0.000)	95	73376			0.00- 100.00	100.00
3.946	4.000 (0.000)	50	18384			15.00- 40.00	25.05
3.946	4.000 (0.000)	75	40912			30.00- 60.00	55.76
3.946	4.000 (0.000)	96	4064			5.00- 9.00	5.54
3.946	4.000 (0.000)	173	0			0.00- 2.00	0.00
3.946	4.000 (0.000)	174	41784			50.00- 100.00	56.95
3.946	4.000 (0.000)	175	3110			5.00- 9.00	7.44
3.946	4.000 (0.000)	176	40000			95.00- 101.00	95.73
3.946	4.000 (0.000)	177	2553			5.00- 9.00	6.38

Data File: k10354.d

Date: 06-MAR-2013 17:17

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1



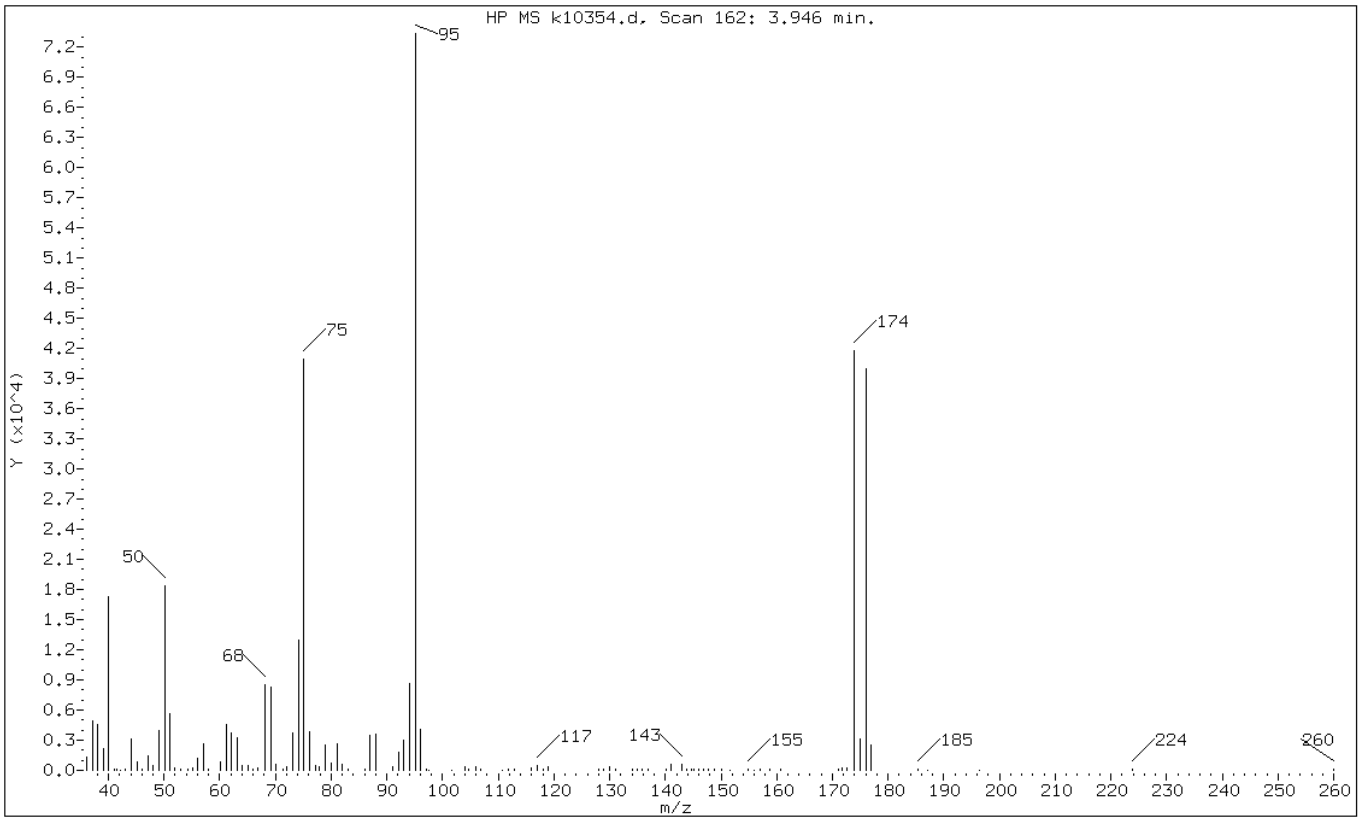
Data File: k10354.d

Date: 06-MAR-2013 17:17

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.05
75	30.00 - 60.00% of mass 95	55.76
96	5.00 - 9.00% of mass 95	5.54
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	56.95
175	5.00 - 9.00% of mass 174	4.24 (7.44)
176	95.00 - 101.00% of mass 174	54.51 (95.73)
177	5.00 - 9.00% of mass 176	3.48 (6.38)

Data File: k10354.d

Date: 06-MAR-2013 17:17

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10354.d
Spectrum: HP MS k10354.d, Scan 162: 3.946 min.
Location of Maximum: 95.10
Number of points: 108

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1276	64.10	432	96.10	4064	145.20	83
37.10	4941	65.10	423	97.00	158	145.90	68
38.10	4506	65.90	149	97.60	50	146.90	83
39.10	2114	66.90	237	101.60	53	147.80	120
40.00	17296	68.10	8542	104.00	339	148.90	62
41.00	62	69.10	8343	104.70	99	150.00	90
41.50	129	70.10	609	106.00	382	151.60	54
42.20	60	71.30	103	106.90	161	154.80	150
43.00	100	72.00	354	110.70	55	156.00	55
44.10	3089	73.10	3686	111.90	71	157.10	93
45.10	844	74.10	12966	112.90	144	158.80	141
46.00	168	75.10	40912	116.00	186	160.70	99
47.10	1441	76.10	3883	116.90	508	171.10	62
48.10	463	77.10	481	118.00	165	171.80	220
49.10	4011	77.90	395	119.00	372	172.50	280
50.10	18384	79.00	2538	128.00	170	174.00	41784
51.10	5703	80.10	715	129.00	80	175.00	3110
52.00	260	81.00	2700	129.90	309	176.00	40000
52.90	87	82.00	638	131.00	84	177.00	2553
54.20	80	83.00	103	134.20	96	185.40	65
55.10	240	86.00	125	135.00	160	187.20	56
56.10	1234	87.00	3444	135.90	88	196.30	52
57.10	2615	88.00	3562	137.00	170	223.80	65
58.00	163	91.00	414	140.10	139	260.00	80
60.10	886	92.10	1749	141.00	596		
61.10	4557	93.00	3022	143.00	613		
62.10	3745	94.10	8613	143.80	76		
63.10	3229	95.10	73376	144.70	85		

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10376.d
Report Date: 07-Mar-2013 03:43

TestAmerica

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10376.d
Lab Smp Id: BFB
Inj Date : 07-MAR-2013 03:35
Operator : VOAMS 1 Inst ID: VOAMS9.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/VOABFB.m
Meth Date : 24-Feb-2012 20:28 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.962	4.000 (0.000)	95	43440			0.00- 100.00	100.00
3.962	4.000 (0.000)	50	11834			15.00- 40.00	27.24
3.962	4.000 (0.000)	75	23104			30.00- 60.00	53.19
3.962	4.000 (0.000)	96	2732			5.00- 9.00	6.29
3.962	4.000 (0.000)	173	145			0.00- 2.00	0.60
3.962	4.000 (0.000)	174	24176			50.00- 100.00	55.65
3.962	4.000 (0.000)	175	1990			5.00- 9.00	8.23
3.962	4.000 (0.000)	176	23096			95.00- 101.00	95.53
3.962	4.000 (0.000)	177	1572			5.00- 9.00	6.81

Data File: k10376.d

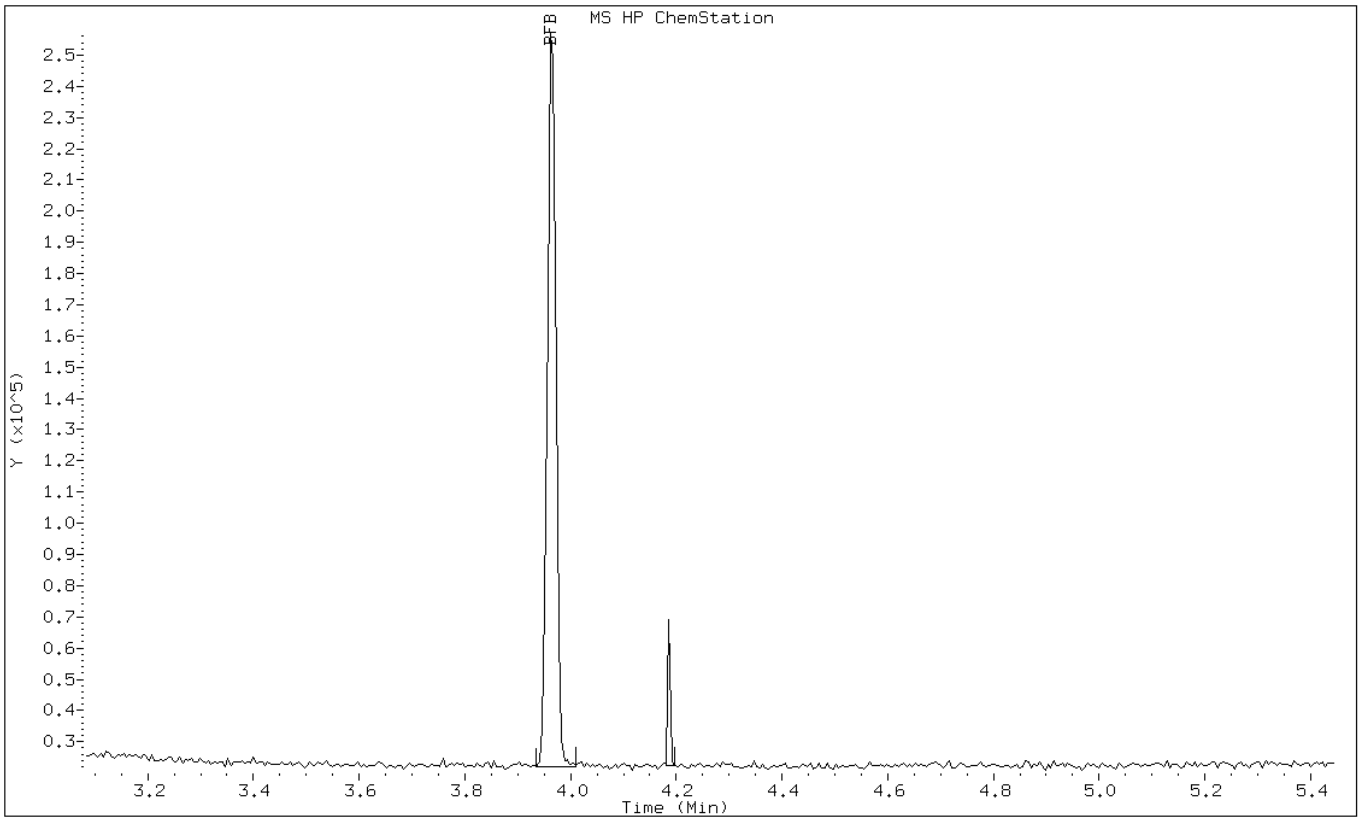
Date: 07-MAR-2013 03:35

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1



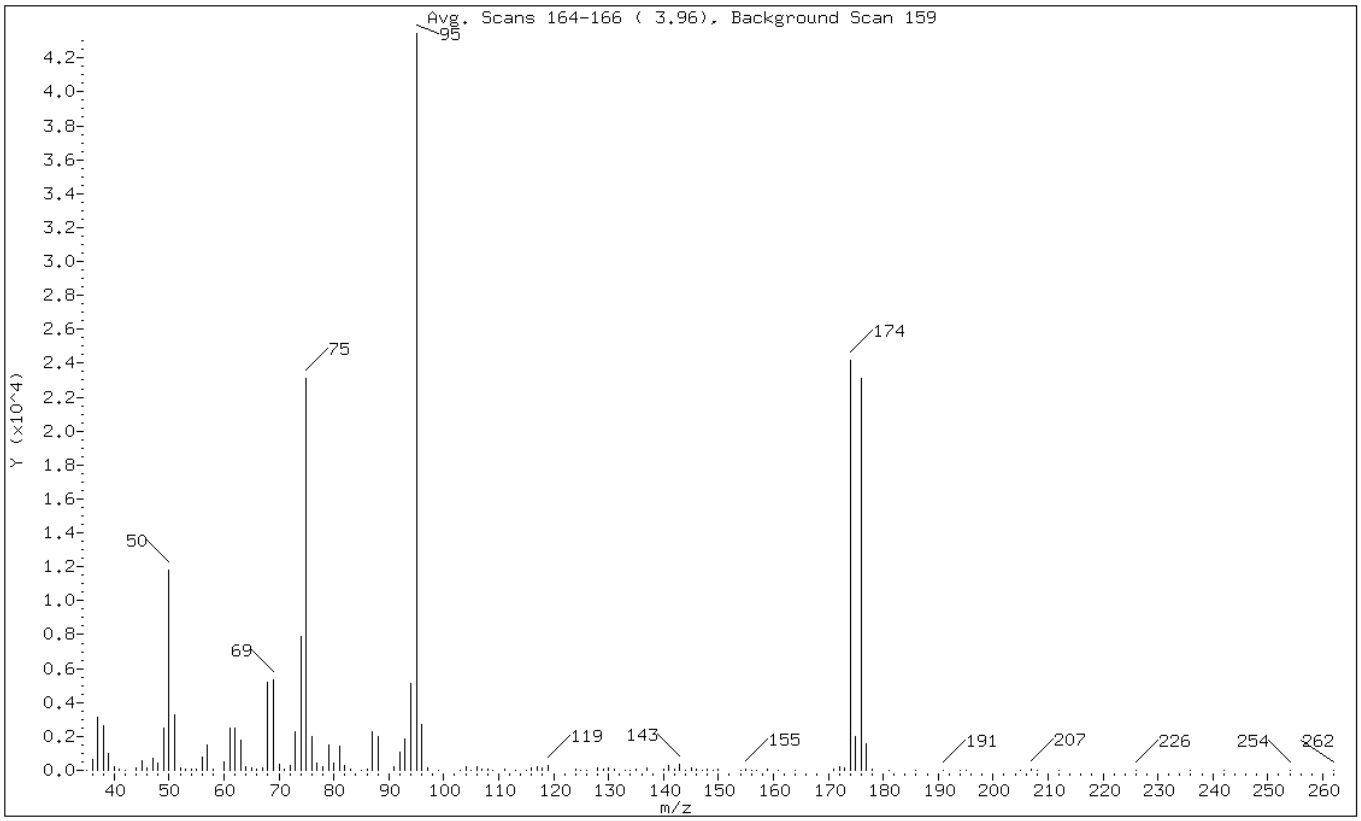
Data File: k10376.d

Date: 07-MAR-2013 03:35

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	27.24
75	30.00 - 60.00% of mass 95	53.19
96	5.00 - 9.00% of mass 95	6.29
173	Less than 2.00% of mass 174	0.33 (0.60)
174	50.00 - 100.00% of mass 95	55.65
175	5.00 - 9.00% of mass 174	4.58 (8.23)
176	95.00 - 101.00% of mass 174	53.17 (95.53)
177	5.00 - 9.00% of mass 176	3.62 (6.81)

Data File: k10376.d

Date: 07-MAR-2013 03:35

Client ID: Instrument: VOAMS9.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10376.d
Spectrum: Avg. Scans 164-166 (3.96), Background Scan 159
Location of Maximum: 95.00
Number of points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	33	69.00	5314	108.00	46	155.00	49
36.00	607	70.00	370	109.00	22	156.00	22
37.00	3093	71.00	43	111.00	38	157.00	28
38.00	2652	72.00	280	113.00	17	159.00	40
39.00	987	73.00	2271	115.00	34	161.00	26
40.00	234	74.00	7866	116.00	162	164.00	27
41.00	45	75.00	23104	117.00	225	171.00	94
42.00	18	76.00	1958	118.00	159	172.00	185
44.00	168	77.00	410	119.00	257	173.00	145
45.00	554	78.00	183	124.00	40	174.00	24176
46.00	109	79.00	1477	125.00	18	175.00	1990
47.00	718	80.00	403	126.00	21	176.00	23096
48.00	416	81.00	1420	128.00	165	177.00	1572
49.00	2478	82.00	289	129.00	47	178.00	49
50.00	11834	83.00	45	130.00	130	181.00	19
51.00	3301	85.00	24	131.00	79	186.00	16
52.00	126	86.00	36	133.00	16	191.00	21
53.00	65	87.00	2263	134.00	34	194.00	20
54.00	43	88.00	1957	135.00	82	195.00	18
55.00	103	91.00	206	137.00	115	205.00	18
56.00	764	92.00	1038	140.00	53	207.00	43
57.00	1480	93.00	1861	141.00	310	208.00	16
58.00	67	94.00	5090	142.00	39	212.00	17
60.00	489	95.00	43440	143.00	379	226.00	22
61.00	2494	96.00	2732	144.00	17	236.00	22
62.00	2519	97.00	144	145.00	149	242.00	22
63.00	1796	99.00	28	146.00	47	254.00	18
64.00	192	103.00	22	147.00	22	262.00	17
65.00	168	104.00	196	148.00	103		
66.00	37	105.00	32	149.00	16		
67.00	134	106.00	203	150.00	38		
68.00	5218	107.00	86	154.00	26		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-149880/22

Matrix: Water | Lab File ID: k10331.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 07:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-149880/22

Matrix: Water | Lab File ID: k10331.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 07:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10331.d
Report Date: 07-Mar-2013 10:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10331.d
Lab Smp Id: MB
Inj Date : 06-MAR-2013 07:27
Operator : Inst ID: VOAMS9.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

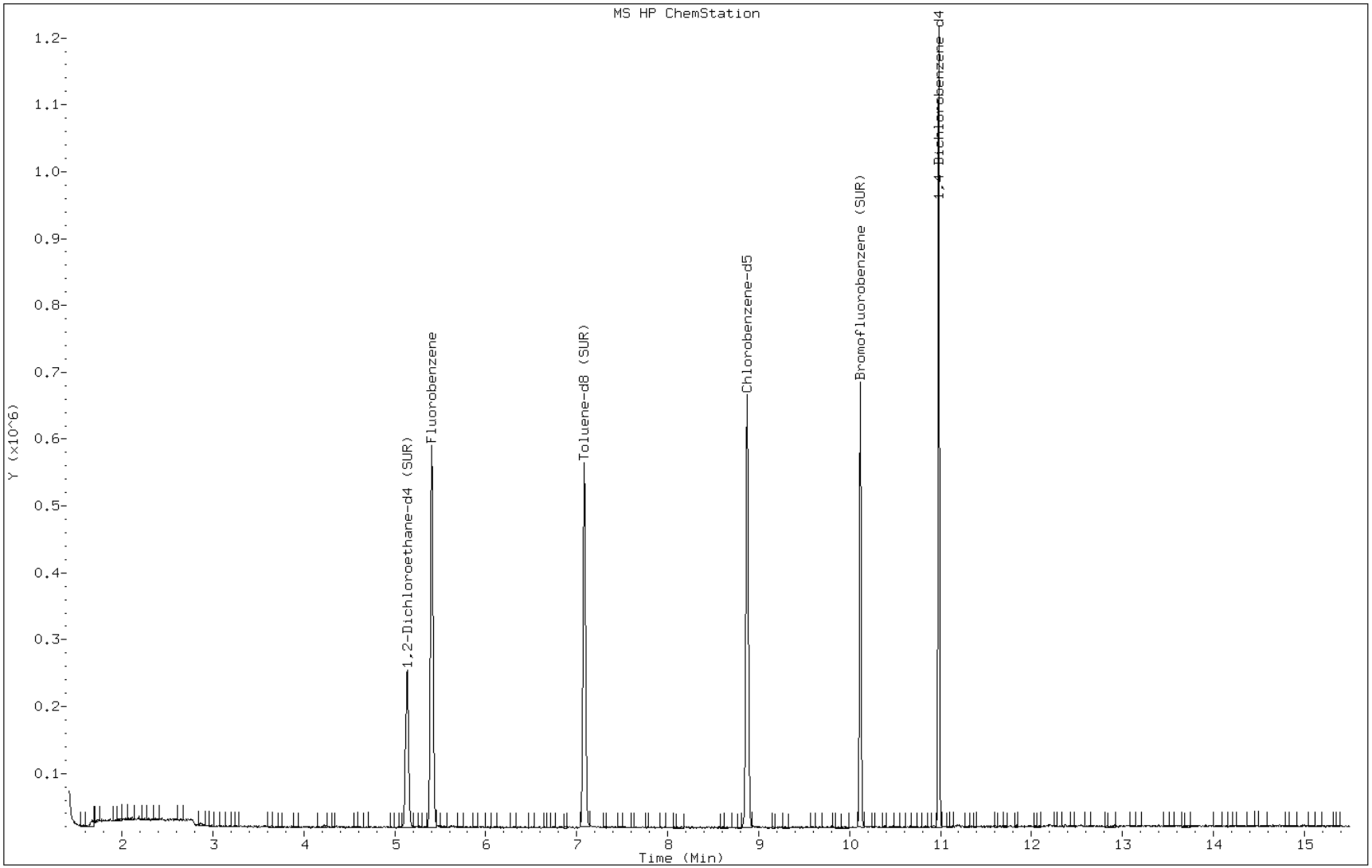
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	175257	52.5921	52
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	518032	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	358992	47.0323	47
* 78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	352333	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	112161	48.5193	48
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	166909	50.0000	

Data File: k10331.d

Date: 06-MAR-2013 07:27

Client ID: Instrument: VOAMS9.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-150001/4

Matrix: Water | Lab File ID: k10359.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 19:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	14.3		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-150001/4

Matrix: Water | Lab File ID: k10359.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 19:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	96		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10359.d
Report Date: 07-Mar-2013 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10359.d
Lab Smp Id: MB
Inj Date : 06-MAR-2013 19:50
Operator : Inst ID: VOAMS9.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)	
16 Acetone	43	2.878	2.878	(0.532)	22044	14.2856	14	
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	176767	55.1857	55	
* 52 Fluorobenzene	96	5.409	5.409	(1.000)	497939	50.0000		(H)
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	342920	47.3392	47	
* 78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	334377	50.0000		
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	104605	48.2295	48	
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	156600	50.0000		

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: k10359.d

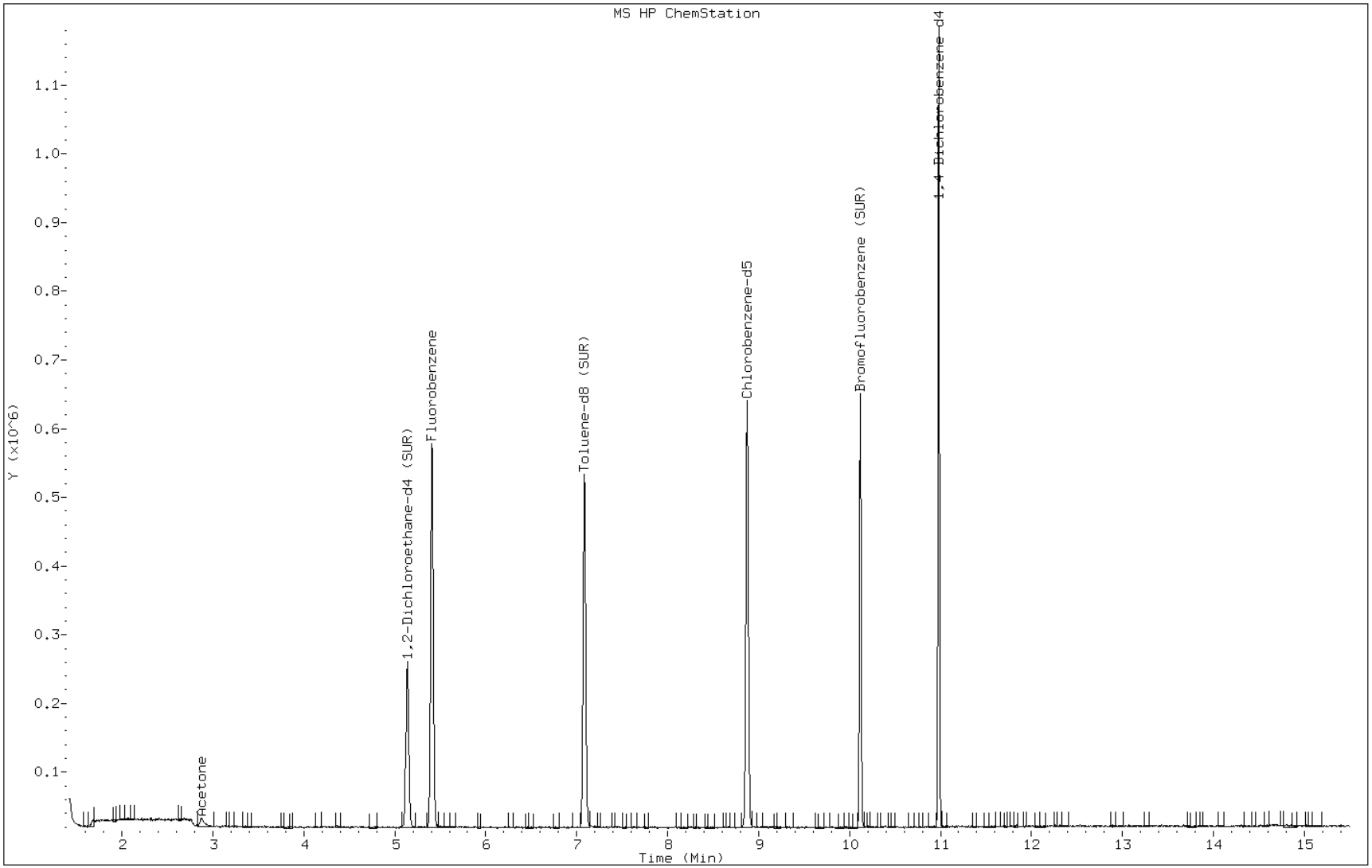
Date: 06-MAR-2013 19:50

Client ID:

Instrument: VOAMS9.i

Sample Info: MB

Operator:



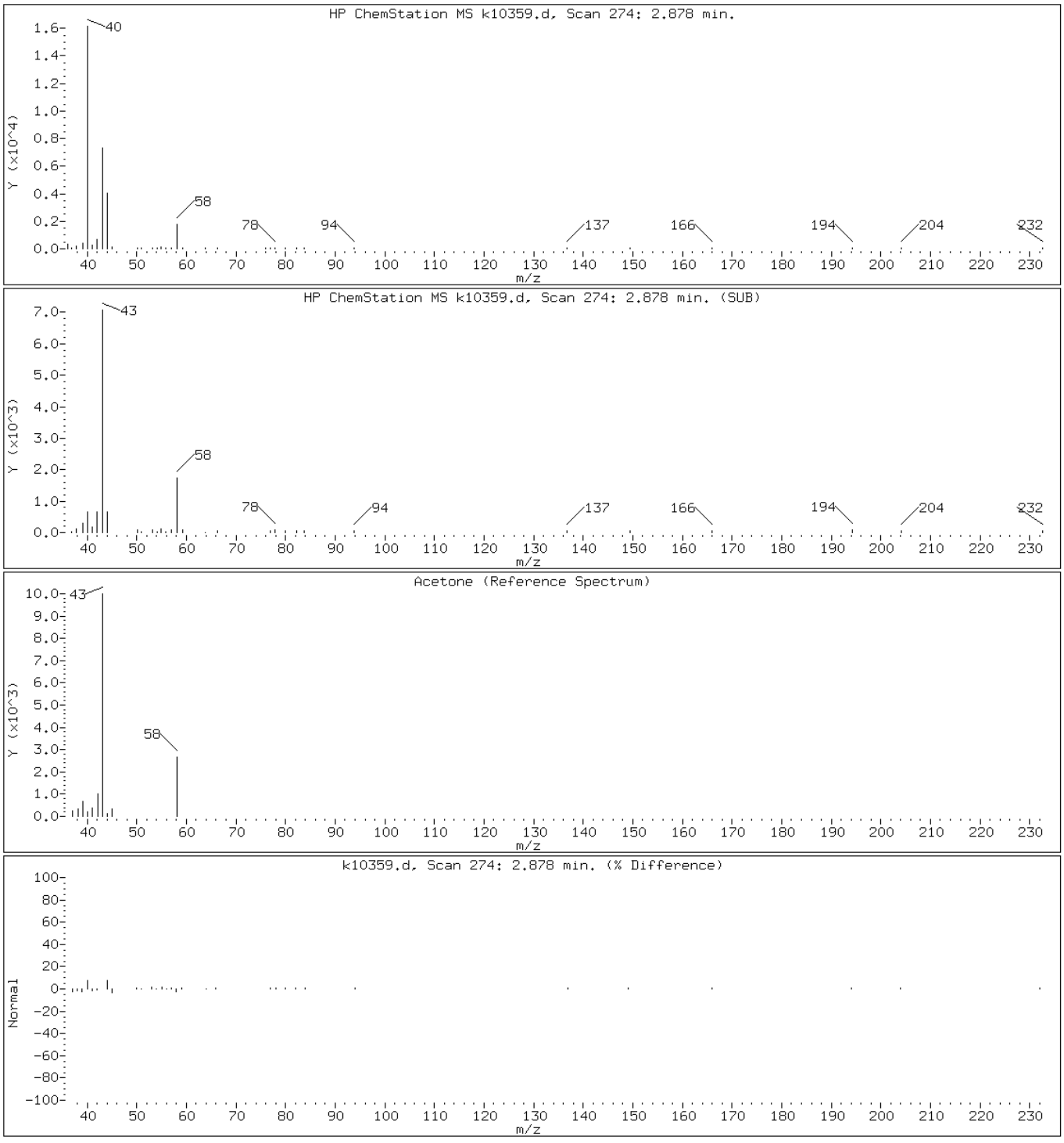
Data File: k10359.d

Date: 06-MAR-2013 19:50

Client ID: Instrument: VOAMS9.i

Sample Info: MB Operator:

16 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-150061/4

Matrix: Water | Lab File ID: k10381.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 05:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-150061/4

Matrix: Water | Lab File ID: k10381.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 05:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10381.d
Report Date: 07-Mar-2013 10:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10381.d
Lab Smp Id: MB
Inj Date : 07-MAR-2013 05:52
Operator : Inst ID: VOAMS9.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:03 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	173096	57.2073	57
* 52 Fluorobenzene	96	5.414	5.409	(1.000)	470367	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	329709	47.2862	47
* 78 Chlorobenzene-d5	117	8.875	8.875	(1.000)	321856	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	101299	48.7716	49
* 108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	149965	50.0000	

Data File: k10381.d

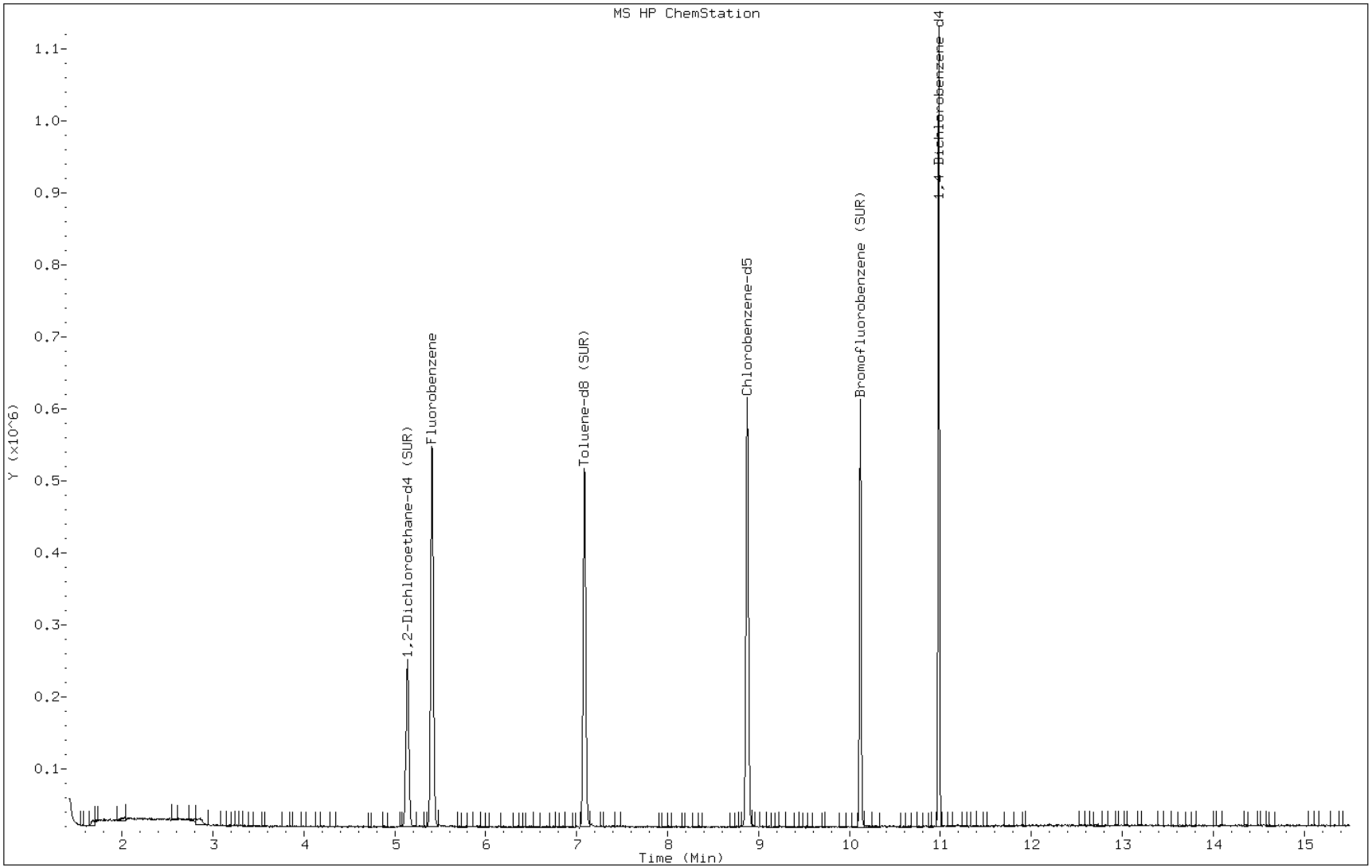
Date: 07-MAR-2013 05:52

Client ID:

Instrument: VOAMS9.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-149880/3

Matrix: Water | Lab File ID: k10328.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 05:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	23.3		1.0	0.22
74-87-3	Chloromethane	22.9		1.0	0.10
74-83-9	Bromomethane	21.2		1.0	0.18
75-01-4	Vinyl chloride	24.5		1.0	0.14
75-00-3	Chloroethane	22.1		1.0	0.17
75-69-4	Trichlorofluoromethane	23.2		1.0	0.15
76-13-1	Freon TF	22.2		1.0	0.080
75-09-2	Methylene Chloride	19.8		1.0	0.18
67-64-1	Acetone	20.7		5.0	2.7
75-15-0	Carbon disulfide	22.1		1.0	0.13
79-20-9	Methyl acetate	19.3		2.0	0.34
75-35-4	1,1-Dichloroethene	21.3		1.0	0.090
75-34-3	1,1-Dichloroethane	20.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	20.9		1.0	0.13
1634-04-4	MTBE	19.9		1.0	0.14
67-66-3	Chloroform	20.3		1.0	0.080
107-06-2	1,2-Dichloroethane	19.3		1.0	0.19
78-93-3	2-Butanone	19.8		5.0	2.3
71-55-6	1,1,1-Trichloroethane	21.2		1.0	0.060
110-82-7	Cyclohexane	19.0		1.0	0.16
56-23-5	Carbon tetrachloride	21.4		1.0	0.060
75-27-4	Bromodichloromethane	19.9		1.0	0.12
78-87-5	1,2-Dichloropropane	19.5		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.18
79-01-6	Trichloroethene	20.7		1.0	0.090
108-87-2	Methylcyclohexane	18.8		1.0	0.14
124-48-1	Dibromochloromethane	19.6		1.0	0.20
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.19
71-43-2	Benzene	21.0		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.24
75-25-2	Bromoform	19.4		1.0	0.19
98-82-8	Isopropylbenzene	18.4		1.0	0.080
108-10-1	4-Methyl-2-pentanone	19.1		5.0	0.99
591-78-6	2-Hexanone	19.2		5.0	0.50
127-18-4	Tetrachloroethene	21.5		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-149880/3

Matrix: Water | Lab File ID: k10328.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 05:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	21.0		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	19.4		1.0	0.16
108-90-7	Chlorobenzene	20.5		1.0	0.11
100-41-4	Ethylbenzene	17.9		1.0	0.10
1330-20-7	Xylenes, Total	56.2		3.0	0.36
100-42-5	Styrene	18.5		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.0	0.40
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.34
106-93-4	1,2-Dibromoethane	19.4		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10328.d
Report Date: 07-Mar-2013 10:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10328.d
Lab Smp Id: LCS
Inj Date : 06-MAR-2013 05:53
Operator : Inst ID: VOAMS9.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2	Dichlorodifluoromethane	85	1.562	1.584	(0.289)	92219	23.2881	23
3	Chloromethane	50	1.717	1.734	(0.318)	157005	22.9184	23
4	Vinyl Chloride	62	1.824	1.835	(0.338)	135083	24.5240	24
6	Bromomethane	94	2.097	2.113	(0.388)	57060	21.2014	21
5	Chloroethane	64	2.161	2.178	(0.400)	65084	22.1476	22
183	Dichlorofluoromethane	67	2.354	2.376	(0.436)	209546	21.6800	22
7	Trichlorofluoromethane	101	2.375	2.397	(0.440)	139676	23.2219	23
8	n-Pentane	72	2.386	2.402	(0.442)	31125	43.1309	43
9	Ethanol	46	2.536	2.541	(0.469)	105326	2882.98	2900(R)
11	Ethyl Ether	59	2.568	2.584	(0.475)	75877	19.8372	20
10	Isoprene	67	2.595	2.606	(0.480)	128320	22.4962	22
13	Acrolein	56	2.745	2.761	(0.508)	57266	63.4519	63
14	Freon TF	101	2.766	2.777	(0.512)	75207	22.2228	22
15	1,1-Dichloroethene	96	2.793	2.809	(0.517)	62464	21.3456	21
16	Acetone	43	2.873	2.884	(0.532)	37821	20.7195	21
17	Iodomethane	142	2.953	2.959	(0.547)	109997	21.0508	21

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10328.d
Report Date: 07-Mar-2013 10:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	18 Carbon Disulfide	76	2.985	3.007	(0.552)	338500	22.1212	22
	170 Cyclopentene	67	3.119	3.135	(0.577)	241148	22.2891	22
	27 Methyl Acetate	43	3.108	3.119	(0.575)	88702	19.3241	19
	21 Acetonitrile	39	3.162	3.157	(0.585)	73469	411.026	410
	22 Methylene Chloride	84	3.231	3.242	(0.598)	88400	19.8229	20
	24 TBA	59	3.290	3.306	(0.609)	193759	371.798	370
	28 MTBE	73	3.392	3.403	(0.628)	228415	19.8570	20
	25 trans-1,2-Dichloroethene	96	3.413	3.429	(0.632)	73878	20.8891	21
	26 Acrylonitrile	53	3.488	3.499	(0.646)	55938	27.2738	27(R)
	29 Hexane	43	3.568	3.579	(0.660)	68273	21.1016	21
	32 DIPE	45	3.788	3.793	(0.701)	309931	20.1782	20
	30 1,1-Dichloroethane	63	3.814	3.825	(0.706)	168869	20.4265	20
	31 Vinyl Acetate	43	3.831	3.836	(0.709)	523965	41.7443	42(M)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	261910	20.1709	20
	37 2,2-Dichloropropane	77	4.328	4.339	(0.801)	115927	22.0349	22
	36 cis-1,2-Dichloroethene	96	4.339	4.344	(0.803)	82221	20.2057	20
	39 Ethyl Acetate	70	4.360	4.360	(0.807)	18962	38.1186	38
	38 2-Butanone	72	4.360	4.360	(0.807)	11049	19.8042	20
	40 Bromochloromethane	128	4.569	4.574	(0.846)	35713	20.0676	20
	41 Tetrahydrofuran	42	4.574	4.574	(0.847)	35513	19.0297	19
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	77294	39.5925	40
	42 Chloroform	83	4.617	4.628	(0.854)	146203	20.2801	20
	44 Cyclohexane	56	4.761	4.767	(0.881)	154981	18.9769	19
	43 1,1,1-Trichloroethane	97	4.772	4.778	(0.883)	112524	21.2494	21
	45 Carbon Tetrachloride	117	4.890	4.895	(0.905)	90578	21.3811	21
	46 1,1-Dichloropropene	75	4.917	4.922	(0.910)	98462	21.6753	22
	48 Benzene	78	5.120	5.125	(0.577)	335675	21.0195	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.130	5.136	(0.950)	185425	48.9366	49
	61 Isopropyl Acetate	43	5.168	5.173	(0.956)	470936	38.1992	38
	50 t-Amyl-methyl-ether	73	5.179	5.189	(0.958)	219262	19.7845	20
	49 1,2-Dichloroethane	62	5.205	5.211	(0.963)	122258	19.3450	19
	51 n-Heptane	57	5.270	5.270	(0.975)	42142	19.5082	20
*	52 Fluorobenzene	96	5.403	5.409	(1.000)	589028	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.628	(1.042)	27823	32.2170	32
	54 Trichloroethene	95	5.762	5.762	(1.066)	75731	20.6553	21
	55 Ethyl Acrylate	73	5.879	5.880	(1.088)	6893	18.3693	18
	56 Methyl cyclohexane	83	5.890	5.896	(1.090)	109948	18.8378	19
	57 1,2-Dichloropropane	63	6.051	6.056	(1.120)	89521	19.5000	19
	59 Methyl Methacrylate	100	6.126	6.126	(1.134)	15069	18.4926	18
	75 Propyl Acetate	43	6.179	6.179	(1.144)	134502	18.6712	19
	60 1,4-Dioxane	88	6.163	6.163	(1.141)	6800	127.564	130
	58 Dibromomethane	93	6.179	6.179	(1.144)	52920	19.3961	19
	68 Bromodichloromethane	83	6.329	6.329	(1.171)	109183	19.9368	20
	62 2-Chloroethyl Vinyl Ether	63	6.666	6.671	(1.234)	49433	15.3497	15
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	198608	401.922	400
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	124401	19.8959	20
	70 4-Methyl-2-Pentanone	43	6.992	6.998	(0.788)	91739	19.1006	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10328.d
Report Date: 07-Mar-2013 10:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.078	7.083	(0.798)	417131	50.7625	51
	66 Toluene	91	7.158	7.158	(0.807)	295477	21.0279	21
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	103029	19.2779	19
	175 Ethyl methacrylate	69	7.533	7.533	(1.394)	89945	15.0167	15
	69 1,1,2-Trichloroethane	83	7.714	7.720	(0.870)	62089	19.9976	20
	71 Tetrachloroethene	166	7.768	7.768	(0.876)	51762	21.5467	22
	72 1,3-Dichloropropane	76	7.934	7.934	(0.894)	117841	19.6403	20
	73 2-Hexanone	43	7.993	7.993	(0.901)	58974	19.1517	19
	76 Butyl Acetate	73	8.105	8.105	(0.914)	33344	32.1929	32
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	66297	19.5778	20
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	63777	19.3635	19
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	379310	50.0000	
	79 Chlorobenzene	112	8.907	8.908	(1.004)	168715	20.5243	20
	81 Ethylbenzene	106	9.009	9.009	(1.016)	86707	17.9363	18
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	62008	20.1483	20
	82 m+p-Xylene	106	9.164	9.164	(1.033)	221543	37.6824	38
	83 Butyl Acrylate	73	9.587	9.587	(1.081)	47664	14.2208	14
	84 o-Xylene	106	9.603	9.603	(1.083)	114420	18.4880	18
	85 Styrene	104	9.630	9.630	(1.086)	193897	18.5494	18
	87 Amyl Acetate	43	9.806	9.806	(0.893)	142153	14.7938	15
	86 Bromoform	173	9.828	9.828	(1.108)	42037	19.4244	19
	88 Isopropylbenzene	105	9.940	9.940	(1.121)	276769	18.3818	18
$	89 Bromofluorobenzene (SUR)	174	10.116	10.117	(0.921)	133463	49.7687	50
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	108865	19.3811	19
	91 Bromobenzene	156	10.234	10.234	(0.932)	64391	19.4876	19
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	385245	19.9668	20
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.320	(0.940)	28199	19.8800	20
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	23776	19.0061	19
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	268468	20.8981	21
	188 4-Ethyltoluene	105	10.384	10.384	(0.945)	273069	18.9078	19
	97 1,3,5-Trimethylbenzene	105	10.437	10.438	(0.950)	238882	18.1834	18
	99 Butyl Methacrylate	87	10.512	10.512	(0.957)	84982	15.2507	15
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	239003	21.1400	21
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	160171	16.2943	16
	101 1,2,4-Trimethylbenzene	105	10.716	10.716	(0.976)	249307	18.5964	18
	102 2-Octanone	43	10.807	10.807	(0.984)	133788	13.4381	13
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	295170	19.0305	19
	107 p-Isopropyltoluene	119	10.930	10.924	(0.995)	220986	17.8803	18
	105 1,3-Dichlorobenzene	146	10.930	10.930	(0.995)	127647	20.0697	20
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	193623	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	128813	19.8491	20
	110 Benzyl Chloride	91	11.095	11.096	(1.010)	158439	19.7552	20
	187 1,4-Diethylbenzene	119	11.181	11.176	(2.069)	130496	17.5806	18
	171 Indan	117	11.144	11.144	(2.062)	242866	18.0417	18
	106 n-Butylbenzene	91	11.197	11.192	(1.019)	313063	20.2912	20
	111 1,2-Dichlorobenzene	146	11.245	11.240	(1.024)	126406	20.0499	20
	112 1,2-Dibromo-3-chloropropane	75	11.732	11.721	(1.068)	21616	19.1956	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10328.d
Report Date: 07-Mar-2013 10:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.657	11.652	(2.157)	187208	15.3534	15
	114 1,2,4-Trichlorobenzene	180	12.214	12.203	(1.112)	77723	19.8771	20
	115 Hexachlorobutadiene	225	12.278	12.267	(1.118)	25591	19.8601	20
	116 Naphthalene	128	12.385	12.374	(1.128)	245218	19.7562	20
	117 1,2,3-Trichlorobenzene	180	12.545	12.535	(1.142)	76168	19.6480	20
M	120 1,2-Dichloroethene (Total)	100				156099	41.0949	41
M	121 Xylene (Total)	100				335963	56.1704	56

QC Flag Legend

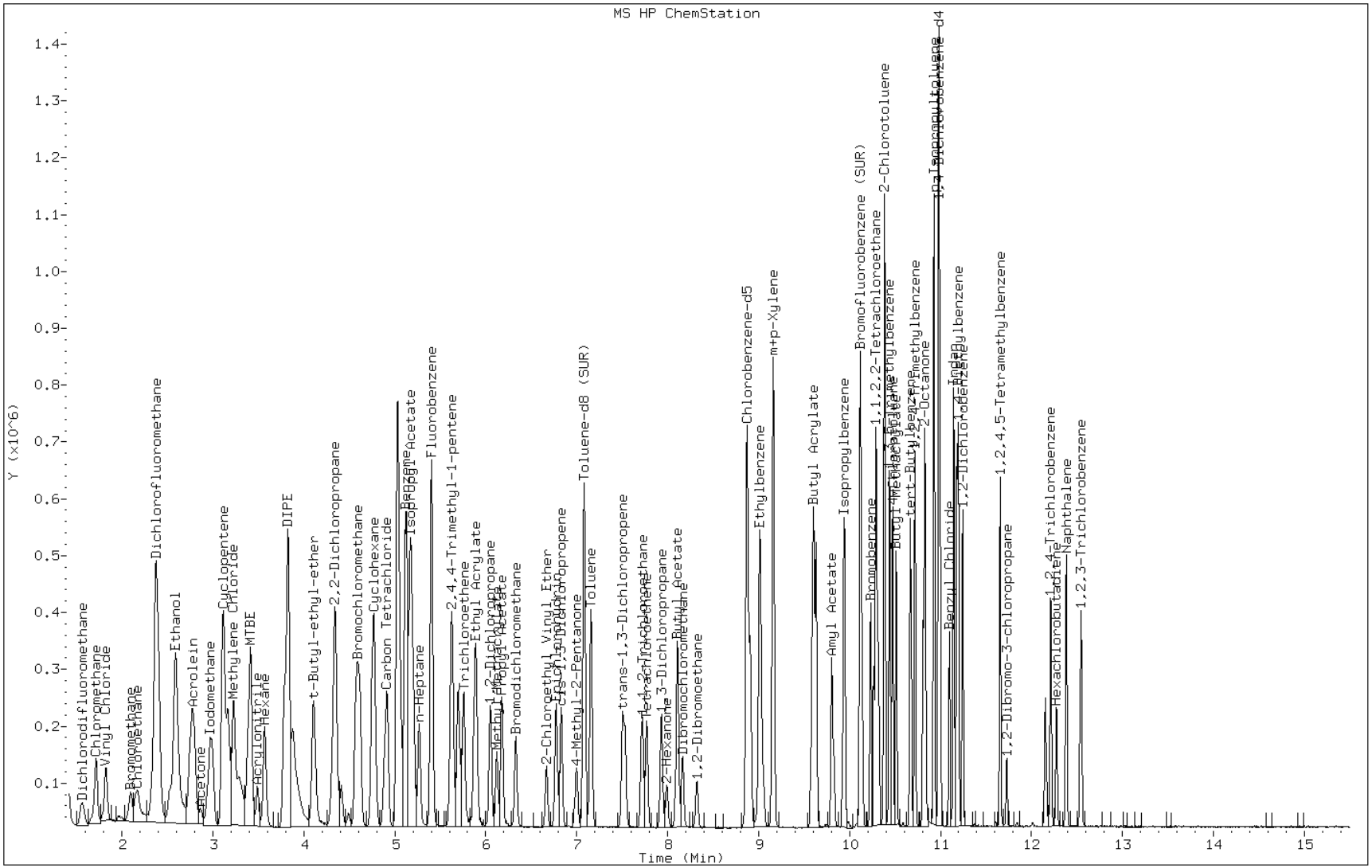
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: k10328.d

Date: 06-MAR-2013 05:53

Client ID: Instrument: VOAMS9.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-150001/3

Matrix: Water | Lab File ID: k10356.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 18:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	20.9		1.0	0.22
74-87-3	Chloromethane	21.8		1.0	0.10
74-83-9	Bromomethane	21.5		1.0	0.18
75-01-4	Vinyl chloride	22.6		1.0	0.14
75-00-3	Chloroethane	22.1		1.0	0.17
75-69-4	Trichlorofluoromethane	21.1		1.0	0.15
76-13-1	Freon TF	22.0		1.0	0.080
75-09-2	Methylene Chloride	20.6		1.0	0.18
67-64-1	Acetone	31.0		5.0	2.7
75-15-0	Carbon disulfide	21.4		1.0	0.13
79-20-9	Methyl acetate	20.0		2.0	0.34
75-35-4	1,1-Dichloroethene	21.1		1.0	0.090
75-34-3	1,1-Dichloroethane	21.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	21.2		1.0	0.13
1634-04-4	MTBE	19.5		1.0	0.14
67-66-3	Chloroform	21.4		1.0	0.080
107-06-2	1,2-Dichloroethane	20.6		1.0	0.19
78-93-3	2-Butanone	21.1		5.0	2.3
71-55-6	1,1,1-Trichloroethane	21.6		1.0	0.060
110-82-7	Cyclohexane	18.6		1.0	0.16
56-23-5	Carbon tetrachloride	21.9		1.0	0.060
75-27-4	Bromodichloromethane	20.7		1.0	0.12
78-87-5	1,2-Dichloropropane	20.6		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.18
79-01-6	Trichloroethene	20.9		1.0	0.090
108-87-2	Methylcyclohexane	18.9		1.0	0.14
124-48-1	Dibromochloromethane	19.4		1.0	0.20
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.19
71-43-2	Benzene	21.5		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.24
75-25-2	Bromoform	19.2		1.0	0.19
98-82-8	Isopropylbenzene	18.4		1.0	0.080
108-10-1	4-Methyl-2-pentanone	19.3		5.0	0.99
591-78-6	2-Hexanone	18.7		5.0	0.50
127-18-4	Tetrachloroethene	20.8		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-150001/3

Matrix: Water | Lab File ID: k10356.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 18:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.8		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1.0	0.16
108-90-7	Chlorobenzene	20.3		1.0	0.11
100-41-4	Ethylbenzene	17.9		1.0	0.10
1330-20-7	Xylenes, Total	56.0		3.0	0.36
100-42-5	Styrene	18.8		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1.0	0.40
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	19.7		1.0	0.34
106-93-4	1,2-Dibromoethane	19.5		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10356.d
Report Date: 07-Mar-2013 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10356.d
Lab Smp Id: LCS
Inj Date : 06-MAR-2013 18:03
Operator : Inst ID: VOAMS9.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.568	1.573	(0.290)	78854	20.8528	21
3 Chloromethane	50	1.723	1.728	(0.318)	142371	21.7631	22
4 Vinyl Chloride	62	1.824	1.830	(0.337)	118938	22.6119	23
6 Bromomethane	94	2.103	2.103	(0.389)	55267	21.5043	22
5 Chloroethane	64	2.167	2.177	(0.401)	61920	22.0653	22
183 Dichlorofluoromethane	67	2.359	2.365	(0.436)	195299	21.1596	21
7 Trichlorofluoromethane	101	2.386	2.386	(0.441)	121194	21.1001	21
8 n-Pentane	72	2.386	2.397	(0.441)	31640	45.9138	46
9 Ethanol	46	2.536	2.541	(0.469)	100343	2876.21	2900
11 Ethyl Ether	59	2.573	2.579	(0.476)	73434	20.1046	20
10 Isoprene	67	2.595	2.600	(0.480)	119373	21.9154	22
13 Acrolein	56	2.750	2.755	(0.508)	37298	43.2773	43
14 Freon TF	101	2.766	2.771	(0.511)	71079	21.9942	22
15 1,1-Dichloroethene	96	2.798	2.798	(0.517)	58897	21.0766	21
16 Acetone	43	2.873	2.878	(0.531)	54024	30.9928	31
17 Iodomethane	142	2.948	2.953	(0.545)	98967	19.8338	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10356.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	18 Carbon Disulfide	76	2.991	2.991	(0.553)	312488	21.3850	21
	170 Cyclopentene	67	3.130	3.130	(0.579)	221670	21.4557	21
	27 Methyl Acetate	43	3.114	3.119	(0.576)	87867	20.0456	20
	21 Acetonitrile	39	3.162	3.172	(0.585)	63713	373.268	370
	22 Methylene Chloride	84	3.237	3.237	(0.598)	87788	20.6147	21
	24 TBA	59	3.301	3.301	(0.610)	175613	352.881	350
	28 MTBE	73	3.397	3.403	(0.628)	214682	19.5439	20
	25 trans-1,2-Dichloroethene	96	3.424	3.424	(0.633)	71567	21.1907	21
	26 Acrylonitrile	53	3.494	3.499	(0.646)	38974	19.8994	20
	29 Hexane	43	3.574	3.579	(0.661)	69435	22.4736	22
	32 DIPE	45	3.793	3.793	(0.701)	295387	20.1389	20
	30 1,1-Dichloroethane	63	3.820	3.825	(0.706)	166328	21.0686	21
	31 Vinyl Acetate	43	3.831	3.836	(0.708)	484368	40.4108	40(M)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	242929	19.5921	20
	37 2,2-Dichloropropane	77	4.333	4.333	(0.801)	107508	21.3990	21
	36 cis-1,2-Dichloroethene	96	4.344	4.349	(0.803)	78913	20.3080	20
	39 Ethyl Acetate	70	4.360	4.365	(0.806)	16612	34.9705	35
	38 2-Butanone	72	4.355	4.365	(0.805)	11262	21.1387	21
	40 Bromochloromethane	128	4.569	4.574	(0.845)	33260	19.5713	20
	41 Tetrahydrofuran	42	4.569	4.574	(0.845)	34976	19.6265	20
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	72070	38.6589	39
	42 Chloroform	83	4.622	4.622	(0.855)	147307	21.3976	21
	44 Cyclohexane	56	4.761	4.767	(0.880)	145289	18.6298	19
	43 1,1,1-Trichloroethane	97	4.772	4.777	(0.882)	109176	21.5901	22
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	88609	21.9034	22
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	92451	21.3125	21
	48 Benzene	78	5.120	5.125	(0.577)	327873	21.4504	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	184653	51.0328	51
	61 Isopropyl Acetate	43	5.168	5.173	(0.955)	437334	37.1478	37
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.958)	203547	19.2333	19
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	124536	20.6354	21
	51 n-Heptane	57	5.270	5.270	(0.974)	42799	20.7474	21
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	562482	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.633	(1.041)	28265	34.2735	34
	54 Trichloroethene	95	5.762	5.762	(1.065)	73029	20.8584	21
	55 Ethyl Acrylate	73	5.879	5.879	(1.087)	6106	17.0400	17
	56 Methyl cyclohexane	83	5.890	5.890	(1.089)	105284	18.8900	19
	57 1,2-Dichloropropane	63	6.051	6.051	(1.119)	90316	20.6016	21
	59 Methyl Methacrylate	100	6.120	6.126	(1.132)	13396	17.2153	17
	75 Propyl Acetate	43	6.179	6.179	(1.142)	126684	18.4159	18
	60 1,4-Dioxane	88	6.168	6.163	(1.140)	6632	130.284	130
	58 Dibromomethane	93	6.179	6.184	(1.142)	53384	20.4896	20
	68 Bromodichloromethane	83	6.329	6.329	(1.170)	108125	20.6754	21
	62 2-Chloroethyl Vinyl Ether	63	6.671	6.666	(1.233)	43531	14.1550	14
	63 Epichlorohydrin	57	6.778	6.773	(0.764)	184597	390.298	390
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	120841	20.1921	20
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.789)	88500	19.2514	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10356.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	400078	50.8677	51
	66 Toluene	91	7.158	7.158	(0.807)	280405	20.8490	21
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	99699	19.4903	19
	175 Ethyl methacrylate	69	7.533	7.533	(1.393)	81892	14.3175	14
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	62638	21.0779	21
	71 Tetrachloroethene	166	7.768	7.773	(0.876)	47904	20.8338	21
	72 1,3-Dichloropropane	76	7.934	7.934	(0.894)	114498	19.9378	20
	73 2-Hexanone	43	7.993	7.993	(0.901)	55142	18.7092	19
	76 Butyl Acetate	73	8.105	8.105	(0.914)	30166	30.4289	30
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	62826	19.3837	19
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	61367	19.4662	19
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	363051	50.0000	
	79 Chlorobenzene	112	8.907	8.907	(1.004)	160107	20.3494	20
	81 Ethylbenzene	106	9.014	9.009	(1.016)	82807	17.8967	18
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	58295	19.7901	20
	82 m+p-Xylene	106	9.164	9.164	(1.033)	211032	37.5020	38
	83 Butyl Acrylate	73	9.587	9.587	(1.081)	43200	13.4662	13
	84 o-Xylene	106	9.603	9.603	(1.083)	109734	18.5249	18
	85 Styrene	104	9.630	9.630	(1.086)	188011	18.7918	19
	87 Amyl Acetate	43	9.806	9.806	(0.893)	133742	14.5610	14
	86 Bromoform	173	9.833	9.828	(1.109)	39830	19.2288	19
	88 Isopropylbenzene	105	9.945	9.940	(1.121)	264514	18.3547	18
$	89 Bromofluorobenzene (SUR)	174	10.116	10.122	(0.921)	125884	49.1092	49
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	104635	19.4879	19
	91 Bromobenzene	156	10.234	10.234	(0.932)	60217	19.0655	19
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	364681	19.7734	20
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.325	(0.940)	25044	18.4707	18
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	23424	19.5890	20
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	261694	21.3111	21
	188 4-Ethyltoluene	105	10.384	10.389	(0.945)	265056	19.2001	19
	97 1,3,5-Trimethylbenzene	105	10.443	10.437	(0.951)	229406	18.2681	18
	99 Butyl Methacrylate	87	10.518	10.512	(0.958)	75707	14.2134	14
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	231185	21.3924	21
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	154198	16.4108	16
	101 1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	237110	18.5030	18
	102 2-Octanone	43	10.807	10.807	(0.984)	130738	13.7379	14
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	284601	19.1961	19
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	209638	17.7451	18
	105 1,3-Dichlorobenzene	146	10.930	10.930	(0.995)	121242	19.9426	20
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	185080	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	122506	19.7486	20
	110 Benzyl Chloride	91	11.095	11.095	(1.010)	141330	18.4353	18
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.066)	128749	18.1638	18
	171 Indan	117	11.144	11.144	(2.060)	231004	17.9704	18
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	306982	20.8155	21
	111 1,2-Dichlorobenzene	146	11.245	11.245	(1.024)	120860	20.0551	20
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.727	(1.067)	21186	19.6821	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10356.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.652	11.652	(2.154)	173846	14.9304	15
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	73537	19.6746	20
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	25499	20.7021	21
	116 Naphthalene	128	12.374	12.379	(1.127)	227297	19.1577	19
	117 1,2,3-Trichlorobenzene	180	12.534	12.540	(1.141)	70107	18.9193	19
M	120 1,2-Dichloroethene (Total)	100				150480	41.4987	41
M	121 Xylene (Total)	100				320766	56.0270	56

QC Flag Legend

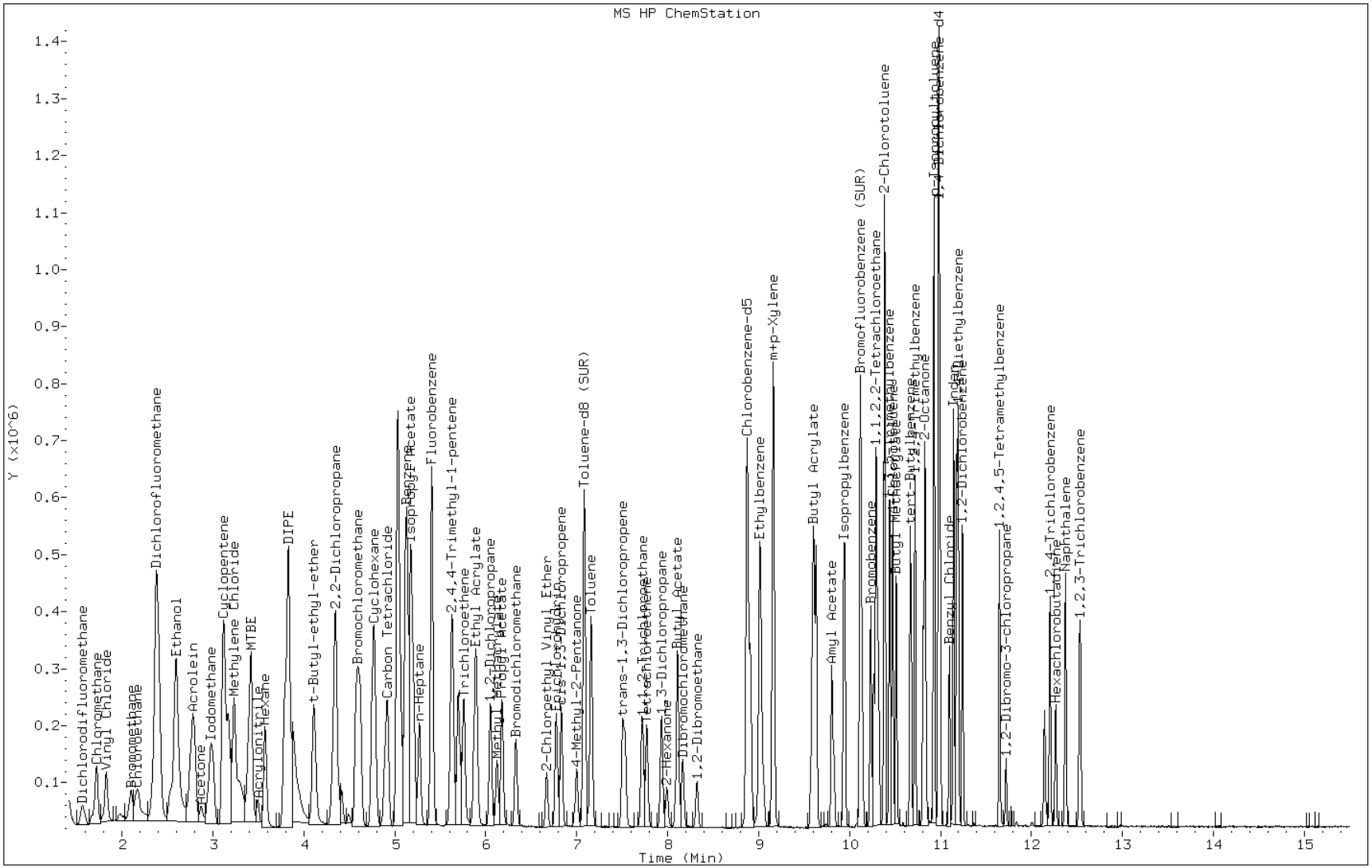
M - Compound response manually integrated.

Data File: k10356.d

Date: 06-MAR-2013 18:03

Client ID: Instrument: VOAMS9.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-150061/3

Matrix: Water | Lab File ID: k10378.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 04:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	22.5		1.0	0.22
74-87-3	Chloromethane	23.4		1.0	0.10
74-83-9	Bromomethane	24.9		1.0	0.18
75-01-4	Vinyl chloride	24.1		1.0	0.14
75-00-3	Chloroethane	26.0		1.0	0.17
75-69-4	Trichlorofluoromethane	22.6		1.0	0.15
76-13-1	Freon TF	23.0		1.0	0.080
75-09-2	Methylene Chloride	21.5		1.0	0.18
67-64-1	Acetone	22.4		5.0	2.7
75-15-0	Carbon disulfide	22.7		1.0	0.13
79-20-9	Methyl acetate	21.1		2.0	0.34
75-35-4	1,1-Dichloroethene	22.6		1.0	0.090
75-34-3	1,1-Dichloroethane	22.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.13
1634-04-4	MTBE	20.6		1.0	0.14
67-66-3	Chloroform	22.0		1.0	0.080
107-06-2	1,2-Dichloroethane	21.7		1.0	0.19
78-93-3	2-Butanone	21.2		5.0	2.3
71-55-6	1,1,1-Trichloroethane	23.3		1.0	0.060
110-82-7	Cyclohexane	19.3		1.0	0.16
56-23-5	Carbon tetrachloride	22.9		1.0	0.060
75-27-4	Bromodichloromethane	21.9		1.0	0.12
78-87-5	1,2-Dichloropropane	21.3		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	21.1		1.0	0.18
79-01-6	Trichloroethene	22.0		1.0	0.090
108-87-2	Methylcyclohexane	19.3		1.0	0.14
124-48-1	Dibromochloromethane	20.8		1.0	0.20
79-00-5	1,1,2-Trichloroethane	21.8		1.0	0.19
71-43-2	Benzene	22.6		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.24
75-25-2	Bromoform	20.3		1.0	0.19
98-82-8	Isopropylbenzene	19.5		1.0	0.080
108-10-1	4-Methyl-2-pentanone	19.8		5.0	0.99
591-78-6	2-Hexanone	19.7		5.0	0.50
127-18-4	Tetrachloroethene	21.5		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-150061/3

Matrix: Water | Lab File ID: k10378.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/07/2013 04:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150061 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	22.0		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	21.0		1.0	0.16
108-90-7	Chlorobenzene	21.4		1.0	0.11
100-41-4	Ethylbenzene	18.6		1.0	0.10
1330-20-7	Xylenes, Total	58.7		3.0	0.36
100-42-5	Styrene	19.8		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		1.0	0.40
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.14
106-46-7	1,4-Dichlorobenzene	20.3		1.0	0.23
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.34
106-93-4	1,2-Dibromoethane	20.4		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10378.d
Report Date: 07-Mar-2013 10:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10378.d
Lab Smp Id: LCS
Inj Date : 07-MAR-2013 04:28
Operator : Inst ID: VOAMS9.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:09 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2	Dichlorodifluoromethane	85	1.562	1.568	(0.289)	77267	22.4849	22
3	Chloromethane	50	1.717	1.728	(0.318)	139120	23.4015	23
4	Vinyl Chloride	62	1.824	1.830	(0.337)	115358	24.1335	24
6	Bromomethane	94	2.103	2.103	(0.389)	58100	24.8766	25
5	Chloroethane	64	2.167	2.167	(0.401)	66214	25.9648	26
183	Dichlorofluoromethane	67	2.359	2.365	(0.436)	193318	23.0481	23
7	Trichlorofluoromethane	101	2.381	2.386	(0.440)	118116	22.6291	23
8	n-Pentane	72	2.391	2.402	(0.442)	29146	46.5415	46
9	Ethanol	46	2.531	2.557	(0.468)	80073	2525.66	2500
11	Ethyl Ether	59	2.573	2.579	(0.476)	72000	21.6913	22
10	Isoprene	67	2.595	2.600	(0.480)	115759	23.3858	23
13	Acrolein	56	2.750	2.755	(0.508)	41558	53.0621	53
14	Freon TF	101	2.766	2.777	(0.511)	67564	23.0058	23
15	1,1-Dichloroethene	96	2.793	2.804	(0.516)	57479	22.6345	23
16	Acetone	43	2.873	2.878	(0.531)	35540	22.4361	22
17	Iodomethane	142	2.948	2.953	(0.545)	94581	20.8580	21

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10378.d
Report Date: 07-Mar-2013 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	18 Carbon Disulfide	76	2.980	2.985	(0.551)	301089	22.6739	23
	170 Cyclopentene	67	3.124	3.130	(0.578)	211349	22.5109	22
	27 Methyl Acetate	43	3.114	3.119	(0.576)	83951	21.0754	21
	21 Acetonitrile	39	3.162	3.167	(0.585)	72906	470.014	470
	22 Methylene Chloride	84	3.237	3.237	(0.598)	83270	21.5172	22
	24 TBA	59	3.290	3.296	(0.608)	169566	374.944	370
	28 MTBE	73	3.397	3.397	(0.628)	205899	20.6265	21
	25 trans-1,2-Dichloroethene	96	3.419	3.424	(0.632)	67620	22.0325	22
	26 Acrylonitrile	53	3.493	3.499	(0.646)	41639	23.3949	23
	29 Hexane	43	3.574	3.579	(0.661)	64076	22.8215	23
	32 DIPE	45	3.788	3.793	(0.700)	283322	21.2559	21
	30 1,1-Dichloroethane	63	3.820	3.825	(0.706)	158252	22.0585	22
	31 Vinyl Acetate	43	3.830	3.836	(0.708)	453386	41.6241	42
	35 t-Butyl-ethyl-ether	59	4.103	4.114	(0.759)	234865	20.8437	21
	37 2,2-Dichloropropane	77	4.328	4.334	(0.800)	106870	23.4080	23
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	73910	20.9304	21
	39 Ethyl Acetate	70	4.360	4.366	(0.806)	17109	39.6332	40
	38 2-Butanone	72	4.355	4.366	(0.805)	10254	21.1793	21
	40 Bromochloromethane	128	4.569	4.574	(0.845)	31468	20.3761	20
	41 Tetrahydrofuran	42	4.574	4.580	(0.846)	32234	19.9040	20
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	68187	40.2487	40
	42 Chloroform	83	4.622	4.628	(0.855)	137457	21.9717	22
	44 Cyclohexane	56	4.761	4.767	(0.880)	136606	19.2752	19
	43 1,1,1-Trichloroethane	97	4.772	4.778	(0.882)	107202	23.3285	23
	45 Carbon Tetrachloride	117	4.890	4.895	(0.904)	84277	22.9244	23
	46 1,1-Dichloropropene	75	4.916	4.922	(0.909)	87512	22.1997	22
	48 Benzene	78	5.120	5.125	(0.577)	313738	22.6431	23
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	180581	54.9187	55
	61 Isopropyl Acetate	43	5.173	5.173	(0.956)	438435	40.9807	41
	50 t-Amyl-methyl-ether	73	5.184	5.190	(0.958)	195237	20.3005	20
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	119281	21.7493	22
	51 n-Heptane	57	5.264	5.275	(0.973)	40048	21.3631	21
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	511156	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.634	(1.041)	25171	33.5865	34
	54 Trichloroethene	95	5.762	5.762	(1.065)	69975	21.9930	22
	55 Ethyl Acrylate	73	5.874	5.880	(1.086)	6460	19.8381	20
	56 Methyl cyclohexane	83	5.890	5.896	(1.089)	97656	19.2807	19
	57 1,2-Dichloropropane	63	6.051	6.056	(1.119)	84891	21.3085	21
	59 Methyl Methacrylate	100	6.126	6.126	(1.133)	12862	18.1888	18
	75 Propyl Acetate	43	6.179	6.179	(1.142)	119269	19.0789	19
	60 1,4-Dioxane	88	6.168	6.163	(1.140)	6071	131.239	130
	58 Dibromomethane	93	6.179	6.185	(1.142)	49507	20.9095	21
	68 Bromodichloromethane	83	6.329	6.334	(1.170)	104246	21.9353	22
	62 2-Chloroethyl Vinyl Ether	63	6.671	6.671	(1.233)	40779	14.5916	14
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	177030	412.911	410
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	114347	21.0780	21
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.789)	82305	19.7508	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10378.d
Report Date: 07-Mar-2013 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.799)	380330	53.3453	53
	66 Toluene	91	7.158	7.158	(0.807)	267914	21.9752	22
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	94415	20.3614	20
	175 Ethyl methacrylate	69	7.532	7.533	(1.393)	78606	15.1229	15
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	58645	21.7700	22
	71 Tetrachloroethene	166	7.768	7.773	(0.876)	44869	21.5269	22
	72 1,3-Dichloropropane	76	7.934	7.934	(0.894)	110077	21.1453	21
	73 2-Hexanone	43	7.998	7.993	(0.902)	52641	19.7031	20
	76 Butyl Acetate	73	8.110	8.110	(0.914)	29279	32.5809	32
	74 Dibromochloromethane	129	8.169	8.164	(0.921)	61244	20.8448	21
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	58326	20.4102	20
*	78 Chlorobenzene-d5	117	8.870	8.875	(1.000)	329101	50.0000	
	79 Chlorobenzene	112	8.907	8.908	(1.004)	152329	21.3581	21
	81 Ethylbenzene	106	9.014	9.015	(1.016)	77875	18.5670	18
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.031	(1.017)	56050	20.9909	21
	82 m+p-Xylene	106	9.164	9.164	(1.033)	202217	39.6427	40
	83 Butyl Acrylate	73	9.587	9.587	(1.081)	41348	14.2185	14
	84 o-Xylene	106	9.603	9.603	(1.083)	102074	19.0094	19
	85 Styrene	104	9.635	9.630	(1.086)	179380	19.7787	20
	87 Amyl Acetate	43	9.806	9.806	(0.893)	129456	15.2160	15
	86 Bromoform	173	9.833	9.833	(1.109)	38080	20.2805	20
	88 Isopropylbenzene	105	9.945	9.945	(1.121)	254133	19.4535	19
$	89 Bromofluorobenzene (SUR)	174	10.122	10.122	(0.922)	119954	50.5202	50
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	104380	20.9876	21
	91 Bromobenzene	156	10.234	10.234	(0.932)	57069	19.5069	20
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	350514	20.5178	20
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.325	(0.940)	24697	19.6645	20
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	22122	19.9725	20
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	253285	22.2679	22
	188 4-Ethyltoluene	105	10.389	10.389	(0.946)	247971	19.3921	19
	97 1,3,5-Trimethylbenzene	105	10.443	10.443	(0.951)	219603	18.8793	19
	99 Butyl Methacrylate	87	10.512	10.512	(0.957)	73880	14.9743	15
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	224704	22.4475	22
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	146682	16.8533	17
	101 1,2,4-Trimethylbenzene	105	10.721	10.721	(0.976)	228128	19.2189	19
	102 2-Octanone	43	10.806	10.807	(0.984)	125902	14.2827	14
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	273541	19.9185	20
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	199272	18.2101	18
	105 1,3-Dichlorobenzene	146	10.935	10.935	(0.996)	116603	20.7060	21
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	171436	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	116772	20.3224	20
	110 Benzyl Chloride	91	11.095	11.096	(1.010)	139161	19.5971	20
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.066)	119790	18.5969	18
	171 Indan	117	11.144	11.144	(2.060)	218348	18.6914	19
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	295909	21.6615	22
	111 1,2-Dichlorobenzene	146	11.245	11.245	(1.024)	117066	20.9715	21
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.722	(1.067)	20418	20.4783	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b/k10378.d
Report Date: 07-Mar-2013 10:10

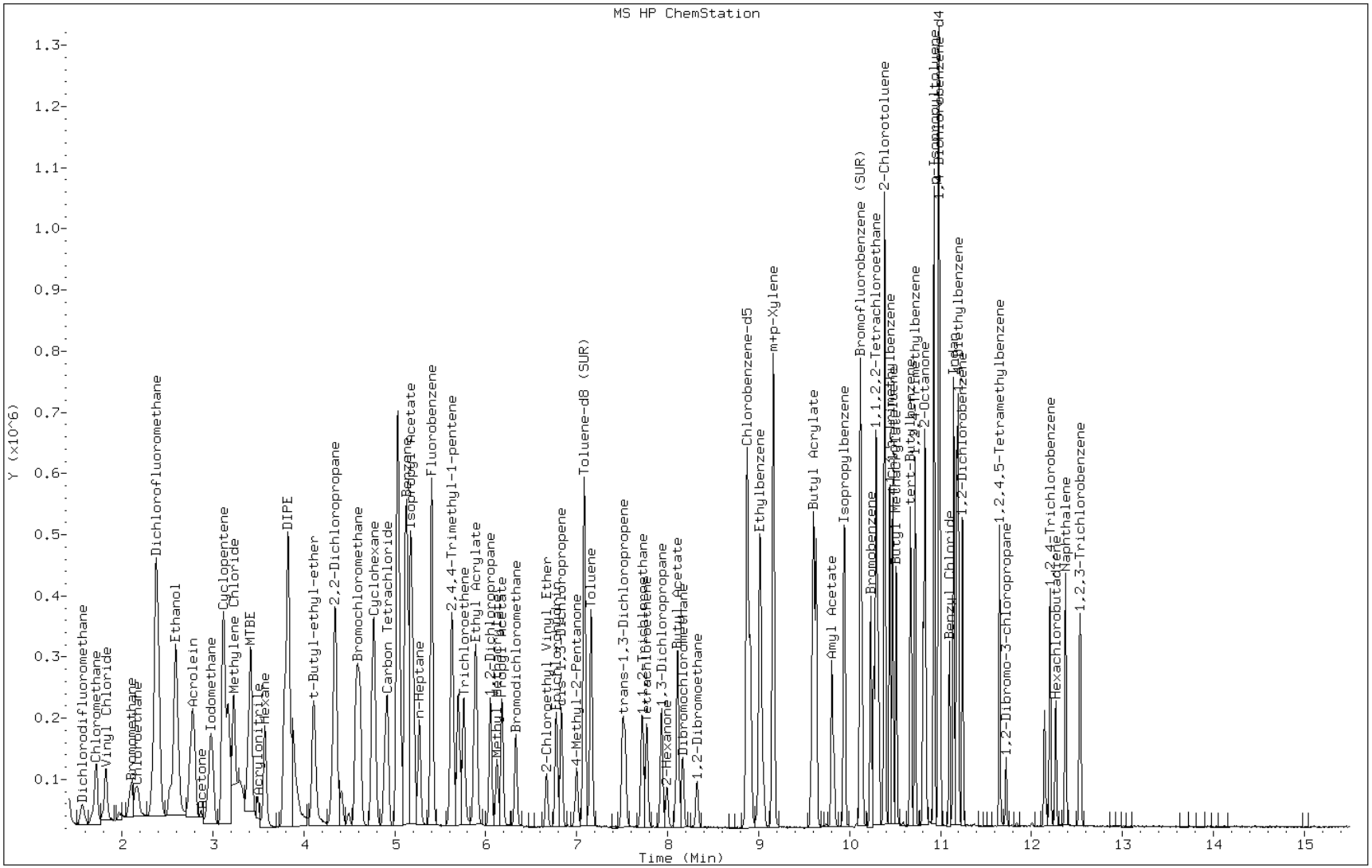
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
186	1,2,4,5-Tetramethylbenzene	119	11.652	11.647	(2.154)	162917	15.3967	15
114	1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	70420	20.3401	20
115	Hexachlorobutadiene	225	12.267	12.267	(1.117)	23811	20.8702	21
116	Naphthalene	128	12.374	12.374	(1.127)	213367	19.4148	19
117	1,2,3-Trichlorobenzene	180	12.534	12.535	(1.141)	67532	19.6748	20
M 120	1,2-Dichloroethene (Total)	100				141530	42.9629	43
M 121	Xylene (Total)	100				304291	58.6521	59

Data File: k10378.d

Date: 07-MAR-2013 04:28

Client ID: Instrument: VOAMS9.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT MS | Lab Sample ID: 460-51333-7 MS

Matrix: Water | Lab File ID: k10364.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:39

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 22:55

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	216		10	2.2
74-87-3	Chloromethane	206		10	1.0
74-83-9	Bromomethane	226		10	1.8
75-01-4	Vinyl chloride	220		10	1.4
75-00-3	Chloroethane	237		10	1.7
75-69-4	Trichlorofluoromethane	212		10	1.5
76-13-1	Freon TF	210		10	0.80
75-09-2	Methylene Chloride	195		10	1.8
67-64-1	Acetone	274		50	27
75-15-0	Carbon disulfide	203		10	1.3
79-20-9	Methyl acetate	181		20	3.4
75-35-4	1,1-Dichloroethene	209		10	0.90
75-34-3	1,1-Dichloroethane	194		10	1.3
156-59-2	cis-1,2-Dichloroethene	189		10	1.8
156-60-5	trans-1,2-Dichloroethene	190		10	1.3
1634-04-4	MTBE	180		10	1.4
67-66-3	Chloroform	198		10	0.80
107-06-2	1,2-Dichloroethane	189		10	1.9
78-93-3	2-Butanone	189		50	23
71-55-6	1,1,1-Trichloroethane	202		10	0.60
110-82-7	Cyclohexane	177		10	1.6
56-23-5	Carbon tetrachloride	202		10	0.60
75-27-4	Bromodichloromethane	194		10	1.2
78-87-5	1,2-Dichloropropane	190		10	0.90
10061-01-5	cis-1,3-Dichloropropene	178		10	1.8
79-01-6	Trichloroethene	193		10	0.90
108-87-2	Methylcyclohexane	178		10	1.4
124-48-1	Dibromochloromethane	183		10	2.0
79-00-5	1,1,2-Trichloroethane	190		10	1.9
71-43-2	Benzene	199		10	0.80
10061-02-6	trans-1,3-Dichloropropene	178		10	2.4
75-25-2	Bromoform	181		10	1.9
98-82-8	Isopropylbenzene	170		10	0.80
108-10-1	4-Methyl-2-pentanone	173		50	9.9
591-78-6	2-Hexanone	168		50	5.0
127-18-4	Tetrachloroethene	193		10	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT MS | Lab Sample ID: 460-51333-7 MS

Matrix: Water | Lab File ID: k10364.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:39

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 22:55

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	192		10	1.5
79-34-5	1,1,2,2-Tetrachloroethane	179		10	1.6
108-90-7	Chlorobenzene	189		10	1.1
100-41-4	Ethylbenzene	159		10	1.0
1330-20-7	Xylenes, Total	515		30	3.6
100-42-5	Styrene	172		10	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	178		10	4.0
541-73-1	1,3-Dichlorobenzene	178		10	1.4
106-46-7	1,4-Dichlorobenzene	179		10	2.3
95-50-1	1,2-Dichlorobenzene	179		10	2.1
120-82-1	1,2,4-Trichlorobenzene	170		10	3.4
106-93-4	1,2-Dibromoethane	183		10	2.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	93		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10364.d
Report Date: 07-Mar-2013 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10364.d
Lab Smp Id: 460-51333-C-7 MS Client Smp ID: 130041-MW-4-45FT
Inj Date : 06-MAR-2013 22:55
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-7 MS;10
Misc Info : 460-51333-C-7
Comment   :
Method   : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 10 QC Sample: MS
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.568	1.573	(0.290)	79766	21.6120	220
3 Chloromethane	50	1.728	1.728	(0.320)	131399	20.5791	200
4 Vinyl Chloride	62	1.830	1.830	(0.339)	113115	22.0330	220
6 Bromomethane	94	2.108	2.103	(0.390)	56751	22.6239	230
5 Chloroethane	64	2.167	2.177	(0.401)	65041	23.7466	240
183 Dichlorofluoromethane	67	2.365	2.365	(0.438)	182654	20.2755	200
7 Trichlorofluoromethane	101	2.386	2.386	(0.442)	118627	21.1603	210
8 n-Pentane	72	2.397	2.397	(0.444)	25982	38.6291	390
9 Ethanol	46	2.536	2.541	(0.469)	88510	2599.33	26000
11 Ethyl Ether	59	2.579	2.579	(0.477)	74017	20.7618	210
10 Isoprene	67	2.600	2.600	(0.481)	118895	22.3636	220
13 Acrolein	56	2.755	2.755	(0.510)	38699	46.0055	460
14 Freon TF	101	2.766	2.771	(0.512)	66238	20.9995	210
15 1,1-Dichloroethene	96	2.803	2.798	(0.519)	57023	20.9070	210
16 Acetone	43	2.878	2.878	(0.533)	46627	27.4061	270
17 Iodomethane	142	2.948	2.953	(0.546)	94143	19.3303	190

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10364.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	18 Carbon Disulfide	76	2.991	2.991	(0.553)	289642	20.3083	200
	170 Cyclopentene	67	3.130	3.130	(0.579)	207597	20.5870	200
	27 Methyl Acetate	43	3.114	3.119	(0.576)	77431	18.0986	180
	21 Acetonitrile	39	3.173	3.172	(0.587)	50520	303.243	3000(M)
	22 Methylene Chloride	84	3.237	3.237	(0.599)	81131	19.5193	200
	24 TBA	59	3.296	3.301	(0.610)	151796	312.513	3100
	28 MTBE	73	3.397	3.403	(0.629)	193077	18.0087	180
	25 trans-1,2-Dichloroethene	96	3.419	3.424	(0.633)	62532	18.9701	190
	26 Acrylonitrile	53	3.494	3.499	(0.647)	34960	18.2883	180
	29 Hexane	43	3.579	3.579	(0.662)	63796	21.1555	210
	32 DIPE	45	3.793	3.793	(0.702)	267851	18.7099	190
	30 1,1-Dichloroethane	63	3.820	3.825	(0.707)	149778	19.4381	190
	31 Vinyl Acetate	43	3.831	3.836	(0.709)	449183	38.3955	380(M)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	222959	18.4231	180
	37 2,2-Dichloropropane	77	4.333	4.333	(0.802)	94010	19.1718	190
	36 cis-1,2-Dichloroethene	96	4.344	4.349	(0.804)	71751	18.9183	190
	39 Ethyl Acetate	70	4.360	4.365	(0.807)	15867	34.2224	340
	38 2-Butanone	72	4.355	4.365	(0.806)	9823	18.8904	190
	40 Bromochloromethane	128	4.569	4.574	(0.846)	30634	18.4687	180
	41 Tetrahydrofuran	42	4.574	4.574	(0.847)	31585	18.1588	180
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	66078	36.3151	360
	42 Chloroform	83	4.622	4.622	(0.855)	133214	19.8257	200
	44 Cyclohexane	56	4.767	4.767	(0.882)	134824	17.7124	180
	43 1,1,1-Trichloroethane	97	4.772	4.777	(0.883)	99777	20.2159	200
	45 Carbon Tetrachloride	117	4.890	4.895	(0.905)	79583	20.1553	200
	46 1,1-Dichloropropene	75	4.917	4.922	(0.910)	92456	21.8371	220
	48 Benzene	78	5.120	5.125	(0.577)	296356	19.9308	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.131	5.136	(0.950)	183953	52.0877	52
	61 Isopropyl Acetate	43	5.168	5.173	(0.956)	408520	35.5523	360
	50 t-Amyl-methyl-ether	73	5.184	5.184	(0.959)	191613	18.5503	180
	49 1,2-Dichloroethane	62	5.205	5.211	(0.963)	111568	18.9406	190
	51 n-Heptane	57	5.264	5.270	(0.974)	38345	19.0447	190
*	52 Fluorobenzene	96	5.403	5.409	(1.000)	549001	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.633	(1.042)	24671	30.6501	310
	54 Trichloroethene	95	5.757	5.762	(1.065)	65847	19.2689	190
	55 Ethyl Acrylate	73	5.880	5.879	(1.088)	6084	17.3955	170
	56 Methyl cyclohexane	83	5.885	5.890	(1.089)	96665	17.7695	180
	57 1,2-Dichloropropane	63	6.051	6.051	(1.120)	81453	19.0362	190
	59 Methyl Methacrylate	100	6.120	6.126	(1.133)	12302	16.1976	160
	75 Propyl Acetate	43	6.179	6.179	(1.144)	112427	16.7447	170
	60 1,4-Dioxane	88	6.158	6.163	(1.140)	6109	122.957	1200
	58 Dibromomethane	93	6.179	6.184	(1.144)	47474	18.6687	190
	68 Bromodichloromethane	83	6.329	6.329	(1.171)	99129	19.4207	190
	62 2-Chloroethyl Vinyl Ether	63	6.773	6.666	(1.253)	6097	2.03125	20(R)
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	167119	363.228	3600
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	103768	17.8243	180
	70 4-Methyl-2-Pentanone	43	6.992	6.998	(0.788)	77546	17.3405	170

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10364.d
Report Date: 07-Mar-2013 10:14

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
$	65 Toluene-d8 (SUR)	98	7.078	7.083	(0.798)	388978	50.8398	51
	66 Toluene	91	7.158	7.158	(0.807)	251297	19.2074	190
	64 trans-1,3-Dichloropropene	75	7.501	7.506	(0.846)	88523	17.7895	180
	175 Ethyl methacrylate	69	7.527	7.533	(1.393)	74560	13.3557	130
	69 1,1,2-Trichloroethane	83	7.715	7.720	(0.870)	55027	19.0347	190
	71 Tetrachloroethene	166	7.768	7.773	(0.876)	43183	19.3059	190
	72 1,3-Dichloropropane	76	7.928	7.934	(0.894)	103829	18.5857	180
	73 2-Hexanone	43	7.993	7.993	(0.901)	48257	16.8312	170
	76 Butyl Acetate	73	8.105	8.105	(0.914)	26675	27.6602	280
	74 Dibromochloromethane	129	8.159	8.164	(0.920)	57795	18.3302	180
	77 1,2-Dibromoethane	107	8.319	8.324	(0.938)	56226	18.3343	180
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	353172	50.0000	
	79 Chlorobenzene	112	8.902	8.907	(1.004)	144949	18.9382	190
	81 Ethylbenzene	106	9.009	9.009	(1.016)	71783	15.9481	160
	80 1,1,1,2-Tetrachloroethane	131	9.020	9.025	(1.017)	53211	18.5695	180
	82 m+p-Xylene	106	9.159	9.164	(1.033)	189330	34.5866	340
	83 Butyl Acrylate	73	9.582	9.587	(1.080)	40339	12.9261	130
	84 o-Xylene	106	9.603	9.603	(1.083)	97629	16.9424	170
	85 Styrene	104	9.630	9.630	(1.086)	167628	17.2232	170
	87 Amyl Acetate	43	9.801	9.806	(0.893)	132208	14.1939	140
	86 Bromoform	173	9.828	9.828	(1.108)	36523	18.1255	180
	88 Isopropylbenzene	105	9.940	9.940	(1.121)	238485	17.0114	170
$	89 Bromofluorobenzene (SUR)	174	10.117	10.122	(0.922)	121420	46.7096	47
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	97375	17.8837	180
	91 Bromobenzene	156	10.234	10.234	(0.932)	55008	17.1743	170
	95 n-Propylbenzene	91	10.293	10.293	(0.938)	329812	17.6343	180
	94 trans-1,4-Dichloro-2-butene	53	10.320	10.325	(0.940)	23886	17.3719	170
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	21259	17.5314	180
	96 2-Chlorotoluene	91	10.379	10.384	(0.945)	236465	18.9890	190
	188 4-Ethyltoluene	105	10.384	10.389	(0.946)	249412	17.8158	180
	97 1,3,5-Trimethylbenzene	105	10.438	10.437	(0.951)	205522	16.1388	160
	99 Butyl Methacrylate	87	10.512	10.512	(0.958)	73716	13.6473	140
	98 4-Chlorotoluene	91	10.470	10.475	(0.954)	213623	19.4926	190
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	134575	14.1234	140
	101 1,2,4-Trimethylbenzene	105	10.716	10.716	(0.976)	210965	16.2340	160
	102 2-Octanone	43	10.807	10.807	(0.984)	123680	12.8157	130
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	257878	17.1519	170
	107 p-Isopropyltoluene	119	10.924	10.930	(0.995)	186826	15.5944	160
	105 1,3-Dichlorobenzene	146	10.930	10.930	(0.996)	109816	17.8122	180
*	108 1,4-Dichlorobenzene-d4	152	10.978	10.983	(1.000)	187688	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.002)	112467	17.8783	180
	110 Benzyl Chloride	91	11.096	11.095	(1.011)	126448	16.2649	160
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.068)	117795	17.0265	170
	171 Indan	117	11.144	11.144	(2.062)	213986	17.0553	170
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	276424	18.4830	180
	111 1,2-Dichlorobenzene	146	11.240	11.245	(1.024)	109165	17.8627	180
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.727	(1.068)	19431	17.8009	180

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10364.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.647	11.652	(2.155)	152680	13.4346	130
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.112)	64402	16.9912	170
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	22114	17.7045	180
	116 Naphthalene	128	12.374	12.379	(1.127)	191211	15.8922	160
	117 1,2,3-Trichlorobenzene	180	12.535	12.540	(1.142)	61363	16.3295	160
M	120 1,2-Dichloroethene (Total)	100				134283	37.8885	380
M	121 Xylene (Total)	100				286959	51.5290	520

QC Flag Legend

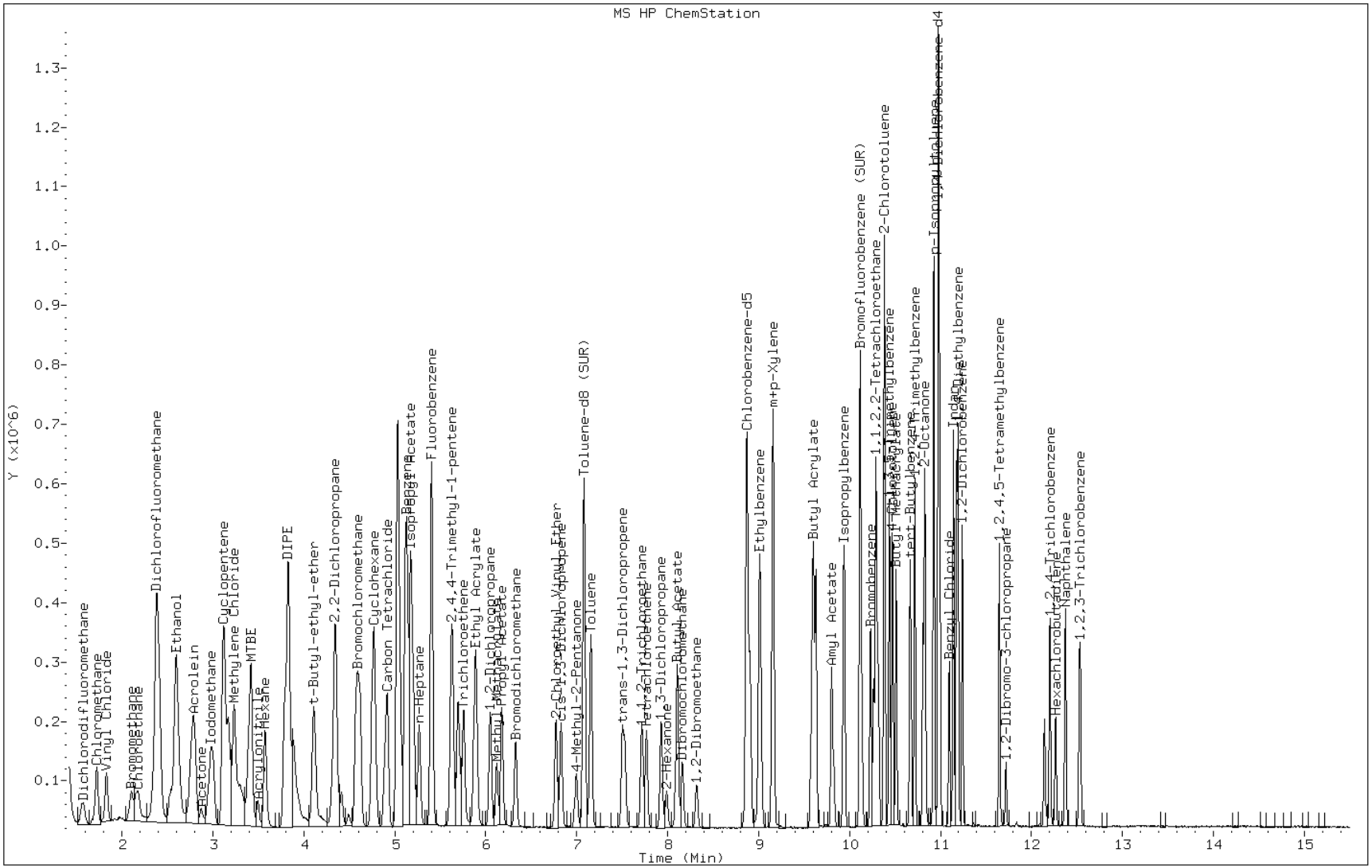
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: k10364.d

Date: 06-MAR-2013 22:55

Client ID: 130041-MW-4-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-7 MS;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS | Lab Sample ID: 460-51333-9 MS

Matrix: Water | Lab File ID: k10340.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:07

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 11:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	22.4		1.0	0.22
74-87-3	Chloromethane	20.6		1.0	0.10
74-83-9	Bromomethane	26.3		1.0	0.18
75-01-4	Vinyl chloride	23.3		1.0	0.14
75-00-3	Chloroethane	23.0		1.0	0.17
75-69-4	Trichlorofluoromethane	20.6		1.0	0.15
76-13-1	Freon TF	20.6		1.0	0.080
75-09-2	Methylene Chloride	19.1		1.0	0.18
67-64-1	Acetone	16.7		5.0	2.7
75-15-0	Carbon disulfide	20.1		1.0	0.13
79-20-9	Methyl acetate	17.0		2.0	0.34
75-35-4	1,1-Dichloroethene	20.7		1.0	0.090
75-34-3	1,1-Dichloroethane	19.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.13
1634-04-4	MTBE	19.3		1.0	0.14
67-66-3	Chloroform	19.8		1.0	0.080
107-06-2	1,2-Dichloroethane	18.7		1.0	0.19
78-93-3	2-Butanone	19.1		5.0	2.3
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.060
110-82-7	Cyclohexane	18.4		1.0	0.16
56-23-5	Carbon tetrachloride	20.2		1.0	0.060
75-27-4	Bromodichloromethane	19.2		1.0	0.12
78-87-5	1,2-Dichloropropane	18.8		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.18
79-01-6	Trichloroethene	22.2		1.0	0.090
108-87-2	Methylcyclohexane	18.2		1.0	0.14
124-48-1	Dibromochloromethane	18.0		1.0	0.20
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.19
71-43-2	Benzene	19.5		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.24
75-25-2	Bromoform	17.7		1.0	0.19
98-82-8	Isopropylbenzene	17.5		1.0	0.080
108-10-1	4-Methyl-2-pentanone	18.5		5.0	0.99
591-78-6	2-Hexanone	18.5		5.0	0.50
127-18-4	Tetrachloroethene	58.1		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS | Lab Sample ID: 460-51333-9 MS

Matrix: Water | Lab File ID: k10340.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:07

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 11:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.2		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.16
108-90-7	Chlorobenzene	18.6		1.0	0.11
100-41-4	Ethylbenzene	16.6		1.0	0.10
1330-20-7	Xylenes, Total	52.2		3.0	0.36
100-42-5	Styrene	17.3		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.40
541-73-1	1,3-Dichlorobenzene	18.6		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.34
106-93-4	1,2-Dibromoethane	18.1		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10340.d
Report Date: 07-Mar-2013 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10340.d
Lab Smp Id: 460-51333-B-9 MS Client Smp ID: 130041-MW9D-80FT
Inj Date : 06-MAR-2013 11:00
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-B-9 MS
Misc Info : 460-51333-B-9 MS
Comment   :
Method   : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 14 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2	Dichlorodifluoromethane	85	1.557	1.584	(0.288)	86288	22.4275	22
3	Chloromethane	50	1.723	1.734	(0.319)	137342	20.6344	21
4	Vinyl Chloride	62	1.825	1.835	(0.337)	124448	23.2538	23
6	Bromomethane	94	2.108	2.113	(0.390)	68822	26.3194	26
5	Chloroethane	64	2.172	2.178	(0.402)	65567	22.9644	23
183	Dichlorofluoromethane	67	2.360	2.376	(0.436)	185969	19.8033	20
7	Trichlorofluoromethane	101	2.386	2.397	(0.441)	120546	20.6275	21
8	n-Pentane	72	2.397	2.402	(0.443)	26073	37.1867	37
9	Ethanol	46	2.531	2.541	(0.468)	74576	2100.98	2100
11	Ethyl Ether	59	2.574	2.584	(0.476)	71567	19.2575	19
10	Isoprene	67	2.600	2.606	(0.481)	116669	21.0517	21
13	Acrolein	56	2.745	2.761	(0.507)	36229	41.3162	41
14	Freon TF	101	2.771	2.777	(0.512)	67619	20.5648	20
15	1,1-Dichloroethene	96	2.804	2.809	(0.518)	58858	20.7015	21
16	Acetone	43	2.868	2.884	(0.530)	29672	16.7306	17
17	Iodomethane	142	2.948	2.959	(0.545)	99202	19.5400	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10340.d
Report Date: 07-Mar-2013 10:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	18 Carbon Disulfide	76	2.991	3.007	(0.553)	299261	20.1287	20
	170 Cyclopentene	67	3.130	3.135	(0.579)	225669	21.4683	21
	27 Methyl Acetate	43	3.114	3.119	(0.576)	75809	16.9983	17
	21 Acetonitrile	39	3.167	3.157	(0.586)	57299	329.935	330
	22 Methylene Chloride	84	3.237	3.242	(0.598)	82630	19.0708	19
	24 TBA	59	3.301	3.306	(0.610)	171481	338.671	340
	28 MTBE	73	3.397	3.403	(0.628)	215496	19.2817	19
	25 trans-1,2-Dichloroethene	96	3.419	3.429	(0.632)	66924	19.4762	19
	26 Acrylonitrile	53	3.494	3.499	(0.646)	37664	18.9009	19
	29 Hexane	43	3.574	3.579	(0.661)	68185	21.6906	22
	32 DIPE	45	3.788	3.793	(0.700)	294431	19.7295	20
	30 1,1-Dichloroethane	63	3.820	3.825	(0.706)	152604	18.9988	19
	31 Vinyl Acetate	43	3.831	3.836	(0.708)	467909	38.3683	38(M)
	35 t-Butyl-ethyl-ether	59	4.109	4.114	(0.760)	240166	19.0372	19
	37 2,2-Dichloropropane	77	4.328	4.339	(0.800)	101119	19.7822	20
	36 cis-1,2-Dichloroethene	96	4.344	4.344	(0.803)	75216	19.0247	19
	39 Ethyl Acetate	70	4.360	4.360	(0.806)	16477	34.0916	34
	38 2-Butanone	72	4.360	4.360	(0.806)	10337	19.0698	19
	40 Bromochloromethane	128	4.574	4.574	(0.846)	31137	18.0079	18
	41 Tetrahydrofuran	42	4.574	4.574	(0.846)	34590	19.0771	19
	174 Methacrylonitrile	67	4.596	4.596	(0.850)	70373	37.1014	37
	42 Chloroform	83	4.622	4.628	(0.855)	138464	19.7683	20
	44 Cyclohexane	56	4.762	4.767	(0.880)	146335	18.4422	18
	43 1,1,1-Trichloroethane	97	4.772	4.778	(0.882)	105272	20.4612	20
	45 Carbon Tetrachloride	117	4.895	4.895	(0.905)	83240	20.2235	20
	46 1,1-Dichloropropene	75	4.922	4.922	(0.910)	99787	22.6093	23
	48 Benzene	78	5.120	5.125	(0.577)	307336	19.5492	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.950)	184036	49.9902	50
	61 Isopropyl Acetate	43	5.173	5.173	(0.956)	440368	36.7642	37
	50 t-Amyl-methyl-ether	73	5.184	5.189	(0.958)	207552	19.2755	19
	49 1,2-Dichloroethane	62	5.211	5.211	(0.963)	114785	18.6936	19
	51 n-Heptane	57	5.270	5.270	(0.974)	41663	19.8504	20
*	52 Fluorobenzene	96	5.409	5.409	(1.000)	572294	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.628	(1.041)	25566	30.4692	30
	54 Trichloroethene	95	5.762	5.762	(1.065)	79130	22.2135	22
	55 Ethyl Acrylate	73	5.880	5.880	(1.087)	6974	19.1286	19
	56 Methyl cyclohexane	83	5.890	5.896	(1.089)	103037	18.1699	18
	57 1,2-Dichloropropane	63	6.056	6.056	(1.120)	83942	18.8194	19
	59 Methyl Methacrylate	100	6.126	6.126	(1.133)	14224	17.9660	18
	75 Propyl Acetate	43	6.179	6.179	(1.142)	119682	17.0998	17
	60 1,4-Dioxane	88	6.163	6.163	(1.139)	5484	105.885	100
	58 Dibromomethane	93	6.179	6.179	(1.142)	49301	18.5980	18
	68 Bromodichloromethane	83	6.329	6.329	(1.170)	101899	19.1509	19
	62 2-Chloroethyl Vinyl Ether	63	6.778	6.671	(1.253)	4208	1.34486	1.3(R)
	63 Epichlorohydrin	57	6.778	6.773	(0.764)	129741	266.707	270
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	109843	17.8454	18
	70 4-Methyl-2-Pentanone	43	6.998	6.998	(0.788)	87521	18.5105	18

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10340.d
Report Date: 07-Mar-2013 10:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	404540	50.0086	50
	66 Toluene	91	7.158	7.158	(0.807)	265282	19.1776	19
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	94667	17.9934	18
	175 Ethyl methacrylate	69	7.533	7.533	(1.393)	83640	14.3724	14
	69 1,1,2-Trichloroethane	83	7.725	7.720	(0.870)	59695	19.5305	20
	71 Tetrachloroethene	166	7.773	7.768	(0.876)	137410	58.1033	58(R)
	72 1,3-Dichloropropane	76	7.934	7.934	(0.894)	109989	18.6215	19
	73 2-Hexanone	43	7.993	7.993	(0.901)	56161	18.5265	18
	76 Butyl Acetate	73	8.110	8.105	(0.914)	30483	29.8960	30
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	59999	17.9981	18
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	58783	18.1294	18
*	78 Chlorobenzene-d5	117	8.876	8.870	(1.000)	373406	50.0000	
	79 Chlorobenzene	112	8.908	8.908	(1.004)	150714	18.6244	19
	81 Ethylbenzene	106	9.015	9.009	(1.016)	78802	16.5588	16
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	55544	18.3333	18
	82 m+p-Xylene	106	9.164	9.164	(1.033)	202265	34.9473	35
	83 Butyl Acrylate	73	9.587	9.587	(1.080)	46616	14.1280	14
	84 o-Xylene	106	9.603	9.603	(1.082)	104834	17.2069	17
	85 Styrene	104	9.635	9.630	(1.086)	177893	17.2875	17
	87 Amyl Acetate	43	9.806	9.806	(0.893)	143641	15.5814	16
	86 Bromoform	173	9.833	9.828	(1.108)	37654	17.6742	18
	88 Isopropylbenzene	105	9.945	9.940	(1.121)	259663	17.5184	18
$	89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	128794	50.0606	50
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	100549	18.6583	19
	91 Bromobenzene	156	10.240	10.234	(0.932)	56868	17.9393	18
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	347280	18.7610	19
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.320	(0.940)	23765	17.4633	17
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	21817	18.1783	18
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	244569	19.8436	20
	188 4-Ethyltoluene	105	10.389	10.384	(0.946)	266161	19.2096	19
	97 1,3,5-Trimethylbenzene	105	10.443	10.438	(0.951)	216341	17.1647	17
	99 Butyl Methacrylate	87	10.518	10.512	(0.958)	78104	14.6097	15
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	218692	20.1623	20
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	148057	15.6995	16
	101 1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	225474	17.5305	18
	102 2-Octanone	43	10.807	10.807	(0.984)	134870	14.1202	14
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	267365	17.9675	18
	107 p-Isopropyltoluene	119	10.930	10.924	(0.995)	199939	16.8622	17
	105 1,3-Dichlorobenzene	146	10.935	10.930	(0.996)	113502	18.6011	19
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	185760	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	115908	18.6166	19
	110 Benzyl Chloride	91	11.096	11.096	(1.010)	132851	17.2659	17
	187 1,4-Diethylbenzene	119	11.181	11.176	(2.067)	120300	16.6809	17
	171 Indan	117	11.144	11.144	(2.060)	223310	17.0740	17
	106 n-Butylbenzene	91	11.197	11.192	(1.019)	283277	19.1378	19
	111 1,2-Dichlorobenzene	146	11.245	11.240	(1.024)	118919	19.6608	20
	112 1,2-Dibromo-3-chloropropane	75	11.722	11.721	(1.067)	19526	18.0736	18

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10340.d
Report Date: 07-Mar-2013 10:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.652	11.652	(2.154)	174588	14.7371	15
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	68029	18.1343	18
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	21717	17.5671	18
	116 Naphthalene	128	12.374	12.374	(1.127)	217689	18.2807	18
	117 1,2,3-Trichlorobenzene	180	12.535	12.535	(1.141)	65582	17.6334	18
M	120 1,2-Dichloroethene (Total)	100				142140	38.5009	38
M	121 Xylene (Total)	100				307099	52.1543	52

QC Flag Legend

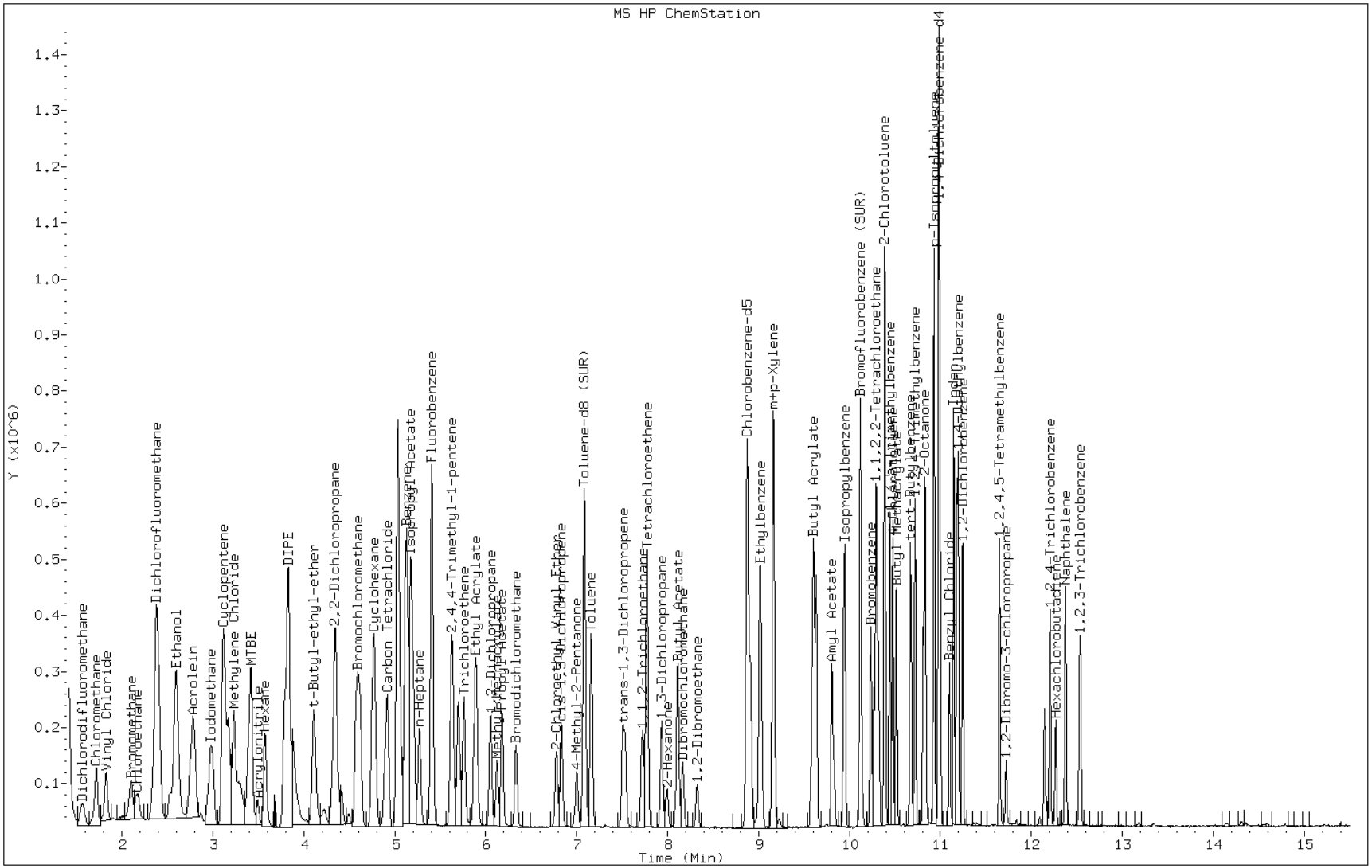
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: k10340.d

Date: 06-MAR-2013 11:00

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-B-9 MS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT MSD | Lab Sample ID: 460-51333-7 MSD

Matrix: Water | Lab File ID: k10365.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:39

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 23:19

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	245		10	2.2
74-87-3	Chloromethane	237		10	1.0
74-83-9	Bromomethane	189		10	1.8
75-01-4	Vinyl chloride	260		10	1.4
75-00-3	Chloroethane	213		10	1.7
75-69-4	Trichlorofluoromethane	241		10	1.5
76-13-1	Freon TF	242		10	0.80
75-09-2	Methylene Chloride	222		10	1.8
67-64-1	Acetone	310		50	27
75-15-0	Carbon disulfide	233		10	1.3
79-20-9	Methyl acetate	209		20	3.4
75-35-4	1,1-Dichloroethene	238		10	0.90
75-34-3	1,1-Dichloroethane	223		10	1.3
156-59-2	cis-1,2-Dichloroethene	216		10	1.8
156-60-5	trans-1,2-Dichloroethene	222		10	1.3
1634-04-4	MTBE	213		10	1.4
67-66-3	Chloroform	229		10	0.80
107-06-2	1,2-Dichloroethane	219		10	1.9
78-93-3	2-Butanone	226		50	23
71-55-6	1,1,1-Trichloroethane	238		10	0.60
110-82-7	Cyclohexane	210		10	1.6
56-23-5	Carbon tetrachloride	236		10	0.60
75-27-4	Bromodichloromethane	225		10	1.2
78-87-5	1,2-Dichloropropane	220		10	0.90
10061-01-5	cis-1,3-Dichloropropene	212		10	1.8
79-01-6	Trichloroethene	225		10	0.90
108-87-2	Methylcyclohexane	210		10	1.4
124-48-1	Dibromochloromethane	213		10	2.0
79-00-5	1,1,2-Trichloroethane	219		10	1.9
71-43-2	Benzene	232		10	0.80
10061-02-6	trans-1,3-Dichloropropene	207		10	2.4
75-25-2	Bromoform	203		10	1.9
98-82-8	Isopropylbenzene	201		10	0.80
108-10-1	4-Methyl-2-pentanone	208		50	9.9
591-78-6	2-Hexanone	215		50	5.0
127-18-4	Tetrachloroethene	225		10	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT MSD | Lab Sample ID: 460-51333-7 MSD

Matrix: Water | Lab File ID: k10365.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:39

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 23:19

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 150001 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	224		10	1.5
79-34-5	1,1,2,2-Tetrachloroethane	218		10	1.6
108-90-7	Chlorobenzene	218		10	1.1
100-41-4	Ethylbenzene	193		10	1.0
1330-20-7	Xylenes, Total	603		30	3.6
100-42-5	Styrene	202		10	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	216		10	4.0
541-73-1	1,3-Dichlorobenzene	214		10	1.4
106-46-7	1,4-Dichlorobenzene	215		10	2.3
95-50-1	1,2-Dichlorobenzene	216		10	2.1
120-82-1	1,2,4-Trichlorobenzene	219		10	3.4
106-93-4	1,2-Dibromoethane	216		10	2.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	102		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10365.d
Report Date: 07-Mar-2013 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10365.d
Lab Smp Id: 460-51333-C-7 MSD Client Smp ID: 130041-MW-4-45FT
Inj Date : 06-MAR-2013 23:19
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-C-7 MSD;10
Misc Info : 460-51333-C-7
Comment   :
Method   : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/8260_09.m
Meth Date : 07-Mar-2013 10:14 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 11 QC Sample: MSD
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.562	1.573	(0.289)	86967	24.5179	240
3 Chloromethane	50	1.717	1.728	(0.318)	145336	23.6842	240
4 Vinyl Chloride	62	1.819	1.830	(0.337)	128345	26.0125	260
6 Bromomethane	94	2.097	2.103	(0.388)	45643	18.9330	190
5 Chloroethane	64	2.161	2.177	(0.400)	56004	21.2758	210
183 Dichlorofluoromethane	67	2.354	2.365	(0.436)	210524	24.3162	240
7 Trichlorofluoromethane	101	2.370	2.386	(0.439)	129888	24.1079	240
8 n-Pentane	72	2.381	2.397	(0.441)	29182	45.1449	450
9 Ethanol	46	2.531	2.541	(0.468)	111503	3407.27	34000(R)
11 Ethyl Ether	59	2.568	2.579	(0.475)	81701	23.8458	240
10 Isoprene	67	2.595	2.600	(0.480)	130742	25.5885	260
13 Acrolein	56	2.745	2.755	(0.508)	43191	53.4262	530
14 Freon TF	101	2.766	2.771	(0.512)	73497	24.2451	240
15 1,1-Dichloroethene	96	2.793	2.798	(0.517)	62346	23.7849	240
16 Acetone	43	2.868	2.878	(0.531)	50701	31.0082	310
17 Iodomethane	142	2.942	2.953	(0.545)	106095	22.6671	230

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10365.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	18 Carbon Disulfide	76	2.980	2.991	(0.551)	319978	23.3444	230
	170 Cyclopentene	67	3.119	3.130	(0.577)	236188	24.3714	240
	27 Methyl Acetate	43	3.114	3.119	(0.576)	86002	20.9165	210
	21 Acetonitrile	39	3.162	3.172	(0.585)	67019	418.578	4200
	22 Methylene Chloride	84	3.231	3.237	(0.598)	88588	22.1770	220
	24 TBA	59	3.290	3.301	(0.609)	185883	398.197	4000
	28 MTBE	73	3.392	3.403	(0.628)	219492	21.3021	210
	25 trans-1,2-Dichloroethene	96	3.413	3.424	(0.632)	70180	22.1530	220
	26 Acrylonitrile	53	3.494	3.499	(0.647)	40392	21.9861	220
	29 Hexane	43	3.568	3.579	(0.660)	73130	25.2334	250
	32 DIPE	45	3.788	3.793	(0.701)	310670	22.5803	220
	30 1,1-Dichloroethane	63	3.814	3.825	(0.706)	164806	22.2552	220
	31 Vinyl Acetate	43	3.831	3.836	(0.709)	520404	46.2859	460(M)
	35 t-Butyl-ethyl-ether	59	4.103	4.114	(0.759)	254345	21.8681	220
	37 2,2-Dichloropropane	77	4.323	4.333	(0.800)	105775	22.4452	220
	36 cis-1,2-Dichloroethene	96	4.339	4.349	(0.803)	78613	21.5675	220
	39 Ethyl Acetate	70	4.355	4.365	(0.806)	17845	40.0482	400
	38 2-Butanone	72	4.355	4.365	(0.806)	11308	22.6274	230
	40 Bromochloromethane	128	4.569	4.574	(0.846)	33745	21.1686	210
	41 Tetrahydrofuran	42	4.569	4.574	(0.846)	36608	21.8995	220
	174 Methacrylonitrile	67	4.590	4.596	(0.850)	74430	42.5627	420
	42 Chloroform	83	4.617	4.622	(0.854)	147690	22.8707	230
	44 Cyclohexane	56	4.761	4.767	(0.881)	153394	20.9686	210
	43 1,1,1-Trichloroethane	97	4.772	4.777	(0.883)	112980	23.8186	240
	45 Carbon Tetrachloride	117	4.890	4.895	(0.905)	89633	23.6205	240
	46 1,1-Dichloropropene	75	4.917	4.922	(0.910)	104802	25.7561	260(R)
	48 Benzene	78	5.114	5.125	(0.577)	330538	23.1971	230
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.131	5.136	(0.950)	182068	53.6430	54
	61 Isopropyl Acetate	43	5.168	5.173	(0.956)	467500	42.3338	420
	50 t-Amyl-methyl-ether	73	5.179	5.184	(0.958)	215734	21.7318	220
	49 1,2-Dichloroethane	62	5.205	5.211	(0.963)	124251	21.9485	220
	51 n-Heptane	57	5.264	5.270	(0.974)	44107	22.7941	230
*	52 Fluorobenzene	96	5.403	5.409	(1.000)	527621	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.623	5.633	(1.041)	27533	35.5917	360
	54 Trichloroethene	95	5.756	5.762	(1.065)	73747	22.4552	220
	55 Ethyl Acrylate	73	5.879	5.879	(1.088)	7072	21.0398	210
	56 Methyl cyclohexane	83	5.890	5.890	(1.090)	109790	21.0000	210
	57 1,2-Dichloropropane	63	6.051	6.051	(1.120)	90642	22.0421	220
	59 Methyl Methacrylate	100	6.126	6.126	(1.134)	14577	19.9708	200
	75 Propyl Acetate	43	6.174	6.179	(1.143)	131176	20.3288	200
	60 1,4-Dioxane	88	6.168	6.163	(1.142)	7668	160.589	1600
	58 Dibromomethane	93	6.179	6.184	(1.144)	53073	21.7161	220
	68 Bromodichloromethane	83	6.329	6.329	(1.171)	110527	22.5312	220
	62 2-Chloroethyl Vinyl Ether	63	6.773	6.666	(1.253)	6780	2.35032	24(R)
	63 Epichlorohydrin	57	6.773	6.773	(0.764)	191203	433.660	4300
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	118390	21.2210	210
	70 4-Methyl-2-Pentanone	43	6.992	6.998	(0.788)	89327	20.8442	210

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10365.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	7.078	7.083	(0.798)	389640	53.1428	53
	66 Toluene	91	7.158	7.158	(0.807)	280523	22.3744	220
	64 trans-1,3-Dichloropropene	75	7.500	7.506	(0.846)	98886	20.7370	210
	175 Ethyl methacrylate	69	7.533	7.533	(1.394)	85602	15.9550	160
	69 1,1,2-Trichloroethane	83	7.720	7.720	(0.870)	60728	21.9211	220
	71 Tetrachloroethene	166	7.768	7.773	(0.876)	48293	22.5301	220
	72 1,3-Dichloropropane	76	7.928	7.934	(0.894)	115949	21.6585	220
	73 2-Hexanone	43	7.993	7.993	(0.901)	59031	21.4851	210
	76 Butyl Acetate	73	8.105	8.105	(0.914)	31280	33.8469	340
	74 Dibromochloromethane	129	8.164	8.164	(0.920)	64239	21.2608	210
	77 1,2-Dibromoethane	107	8.319	8.324	(0.938)	63389	21.5697	220
*	78 Chlorobenzene-d5	117	8.870	8.870	(1.000)	338442	50.0000	
	79 Chlorobenzene	112	8.907	8.907	(1.004)	159914	21.8028	220
	81 Ethylbenzene	106	9.009	9.009	(1.016)	83354	19.3248	190
	80 1,1,1,2-Tetrachloroethane	131	9.025	9.025	(1.017)	58703	21.3777	210
	82 m+p-Xylene	106	9.164	9.164	(1.033)	211482	40.3147	400
	83 Butyl Acrylate	73	9.587	9.587	(1.081)	47219	15.7892	160
	84 o-Xylene	106	9.603	9.603	(1.083)	110279	19.9706	200
	85 Styrene	104	9.630	9.630	(1.086)	188211	20.1797	200
	87 Amyl Acetate	43	9.806	9.806	(0.893)	154725	18.0375	180
	86 Bromoform	173	9.828	9.828	(1.108)	39217	20.3096	200
	88 Isopropylbenzene	105	9.940	9.940	(1.121)	269902	20.0903	200
$	89 Bromofluorobenzene (SUR)	174	10.116	10.122	(0.921)	122172	51.0337	51
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	109330	21.8032	220
	91 Bromobenzene	156	10.234	10.234	(0.932)	60394	20.4747	200
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	369974	21.4799	210
	94 trans-1,4-Dichloro-2-butene	53	10.320	10.325	(0.940)	26087	20.6014	210
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	24067	21.5509	220
	96 2-Chlorotoluene	91	10.379	10.384	(0.945)	265346	23.1375	230
	188 4-Ethyltoluene	105	10.384	10.389	(0.945)	281044	21.7988	220
	97 1,3,5-Trimethylbenzene	105	10.437	10.437	(0.950)	233582	19.9169	200
	99 Butyl Methacrylate	87	10.512	10.512	(0.957)	83236	16.7327	170
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	240713	23.8502	240
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	155275	17.6948	180
	101 1,2,4-Trimethylbenzene	105	10.716	10.716	(0.976)	238505	19.9288	200
	102 2-Octanone	43	10.807	10.807	(0.984)	145742	16.3982	160
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	292752	21.1431	210
	107 p-Isopropyltoluene	119	10.930	10.930	(0.995)	217011	19.6690	200
	105 1,3-Dichlorobenzene	146	10.930	10.930	(0.995)	121696	21.4337	210
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	172849	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	124435	21.4790	210
	110 Benzyl Chloride	91	11.095	11.095	(1.010)	139570	19.4940	190
	187 1,4-Diethylbenzene	119	11.176	11.176	(2.068)	133513	20.0805	200
	171 Indan	117	11.144	11.144	(2.062)	240739	19.9651	200
	106 n-Butylbenzene	91	11.192	11.192	(1.019)	308896	22.4274	220
	111 1,2-Dichlorobenzene	146	11.240	11.245	(1.023)	121450	21.5790	220
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.727	(1.067)	21709	21.5951	220

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b/k10365.d
Report Date: 07-Mar-2013 10:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.646	11.652	(2.155)	178591	16.3513	160
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	76419	21.8925	220
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	24967	21.7046	220
	116 Naphthalene	128	12.374	12.379	(1.127)	234417	21.1559	210
	117 1,2,3-Trichlorobenzene	180	12.535	12.540	(1.141)	73562	21.2564	210
M	120 1,2-Dichloroethene (Total)	100				148793	43.7205	440
M	121 Xylene (Total)	100				321761	60.2853	600

QC Flag Legend

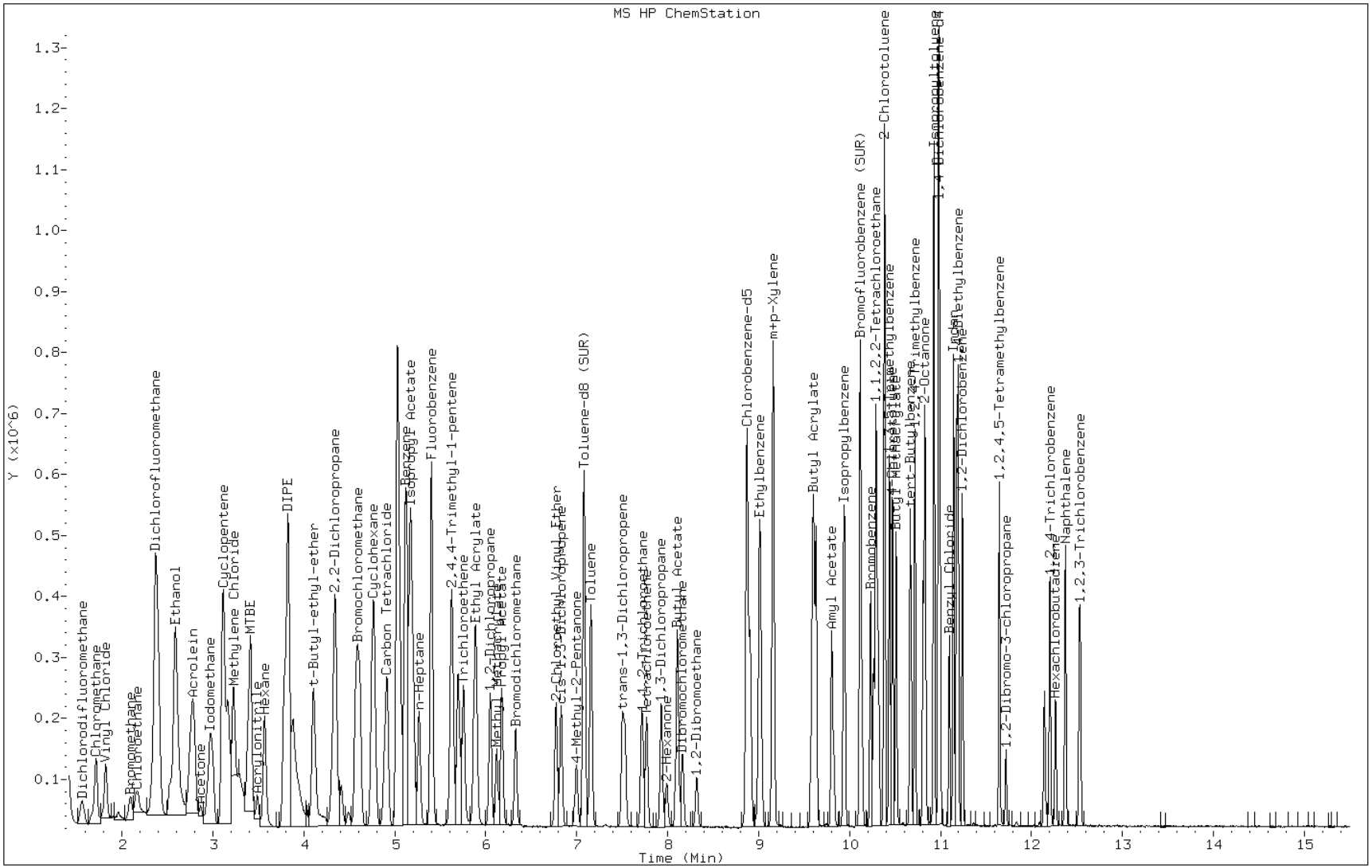
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: k10365.d

Date: 06-MAR-2013 23:19

Client ID: 130041-MW-4-45FT Instrument: VOAMS9.i

Sample Info: 460-51333-C-7 MSD;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD | Lab Sample ID: 460-51333-9 MSD

Matrix: Water | Lab File ID: k10341.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:07

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 11:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21.8		1.0	0.22
74-87-3	Chloromethane	20.3		1.0	0.10
74-83-9	Bromomethane	25.4		1.0	0.18
75-01-4	Vinyl chloride	22.5		1.0	0.14
75-00-3	Chloroethane	23.1		1.0	0.17
75-69-4	Trichlorofluoromethane	20.4		1.0	0.15
76-13-1	Freon TF	20.7		1.0	0.080
75-09-2	Methylene Chloride	18.8		1.0	0.18
67-64-1	Acetone	20.0		5.0	2.7
75-15-0	Carbon disulfide	20.1		1.0	0.13
79-20-9	Methyl acetate	16.9		2.0	0.34
75-35-4	1,1-Dichloroethene	20.8		1.0	0.090
75-34-3	1,1-Dichloroethane	19.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.13
1634-04-4	MTBE	19.2		1.0	0.14
67-66-3	Chloroform	19.8		1.0	0.080
107-06-2	1,2-Dichloroethane	18.5		1.0	0.19
78-93-3	2-Butanone	20.0		5.0	2.3
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.060
110-82-7	Cyclohexane	18.5		1.0	0.16
56-23-5	Carbon tetrachloride	20.4		1.0	0.060
75-27-4	Bromodichloromethane	19.0		1.0	0.12
78-87-5	1,2-Dichloropropane	18.8		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.18
79-01-6	Trichloroethene	22.0		1.0	0.090
108-87-2	Methylcyclohexane	18.4		1.0	0.14
124-48-1	Dibromochloromethane	18.2		1.0	0.20
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.19
71-43-2	Benzene	19.7		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.24
75-25-2	Bromoform	17.8		1.0	0.19
98-82-8	Isopropylbenzene	17.6		1.0	0.080
108-10-1	4-Methyl-2-pentanone	18.8		5.0	0.99
591-78-6	2-Hexanone	19.0		5.0	0.50
127-18-4	Tetrachloroethene	59.6		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD | Lab Sample ID: 460-51333-9 MSD

Matrix: Water | Lab File ID: k10341.d

Analysis Method: 8260B | Date Collected: 02/25/2013 17:07

Sample wt/vol: 5(mL) | Date Analyzed: 03/06/2013 11:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.53(mm)

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

Analysis Batch No.: 149880 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.5		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.16
108-90-7	Chlorobenzene	19.0		1.0	0.11
100-41-4	Ethylbenzene	16.7		1.0	0.10
1330-20-7	Xylenes, Total	52.2		3.0	0.36
100-42-5	Styrene	17.6		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.0	0.40
541-73-1	1,3-Dichlorobenzene	18.4		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	18.5		1.0	0.34
106-93-4	1,2-Dibromoethane	18.6		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10341.d
Report Date: 07-Mar-2013 12:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10341.d
Lab Smp Id: 460-51333-A-9 MSD Client Smp ID: 130041-MW9D-80FT
Inj Date : 06-MAR-2013 11:23
Operator : Inst ID: VOAMS9.i
Smp Info : 460-51333-A-9 MSD
Misc Info : 460-51333-A-9 MSD
Comment   :
Method   : /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/8260_09.m
Meth Date : 07-Mar-2013 10:01 vibha Quant Type: ISTD
Cal Date : 05-MAR-2013 23:05 Cal File: k10315.d
Als bottle: 15 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.573	1.584	(0.291)	86200	21.8121	22
3 Chloromethane	50	1.728	1.734	(0.319)	138574	20.2689	20
4 Vinyl Chloride	62	1.830	1.835	(0.338)	123631	22.4903	22
6 Bromomethane	94	2.108	2.113	(0.389)	68155	25.3750	25
5 Chloroethane	64	2.178	2.178	(0.402)	67641	23.0644	23
183 Dichlorofluoromethane	67	2.370	2.376	(0.438)	188254	19.5164	20
7 Trichlorofluoromethane	101	2.392	2.397	(0.442)	122222	20.3611	20
8 n-Pentane	72	2.397	2.402	(0.443)	26320	36.5461	36
9 Ethanol	46	2.536	2.541	(0.468)	92626	2540.49	2500
11 Ethyl Ether	59	2.584	2.584	(0.477)	73985	19.3818	19
10 Isoprene	67	2.605	2.606	(0.481)	121020	21.2593	21
13 Acrolein	56	2.755	2.761	(0.509)	42097	46.7385	47
14 Freon TF	101	2.782	2.777	(0.514)	69902	20.6969	21
15 1,1-Dichloroethene	96	2.803	2.809	(0.518)	60783	20.8134	21
16 Acetone	43	2.873	2.884	(0.531)	36492	20.0321	20
17 Iodomethane	142	2.959	2.959	(0.546)	101845	19.5301	20

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10341.d
Report Date: 07-Mar-2013 12:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	18 Carbon Disulfide	76	2.991	3.007	(0.552)	306626	20.0786	20
	170 Cyclopentene	67	3.135	3.135	(0.579)	232227	21.5079	22
	27 Methyl Acetate	43	3.119	3.119	(0.576)	77330	16.8807	17
	21 Acetonitrile	39	3.114	3.157	(0.575)	240373	1347.50	1300(R)
	22 Methylene Chloride	84	3.242	3.242	(0.599)	83755	18.8194	19
	24 TBA	59	3.306	3.306	(0.611)	184899	355.513	360
	28 MTBE	73	3.403	3.403	(0.628)	219922	19.1573	19
	25 trans-1,2-Dichloroethene	96	3.424	3.429	(0.632)	69119	19.5832	20
	26 Acrylonitrile	53	3.499	3.499	(0.646)	42441	20.7349	21
	29 Hexane	43	3.579	3.579	(0.661)	70545	21.8481	22
	32 DIPE	45	3.793	3.793	(0.701)	304190	19.8444	20
	30 1,1-Dichloroethane	63	3.825	3.825	(0.707)	159036	19.2760	19
	31 Vinyl Acetate	43	3.836	3.836	(0.708)	571141	45.5947	46
	35 t-Butyl-ethyl-ether	59	4.114	4.114	(0.760)	251254	19.3894	19
	37 2,2-Dichloropropane	77	4.328	4.339	(0.799)	102146	19.4547	19
	36 cis-1,2-Dichloroethene	96	4.349	4.344	(0.803)	77097	18.9848	19
	39 Ethyl Acetate	70	4.366	4.360	(0.806)	17147	34.5412	34
	38 2-Butanone	72	4.360	4.360	(0.805)	11114	19.9626	20
	40 Bromochloromethane	128	4.574	4.574	(0.845)	31884	17.9528	18
	41 Tetrahydrofuran	42	4.574	4.574	(0.845)	34927	18.7537	19
	174 Methacrylonitrile	67	4.601	4.596	(0.850)	73230	37.5869	38
	42 Chloroform	83	4.628	4.628	(0.855)	142176	19.7614	20
	44 Cyclohexane	56	4.761	4.767	(0.879)	150725	18.4931	18
	43 1,1,1-Trichloroethane	97	4.777	4.778	(0.882)	110291	20.8698	21
	45 Carbon Tetrachloride	117	4.895	4.895	(0.904)	86147	20.3763	20
	46 1,1-Dichloropropene	75	4.922	4.922	(0.909)	103327	22.7924	23
	48 Benzene	78	5.125	5.125	(0.577)	313446	19.7064	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.136	5.136	(0.949)	191338	50.5993	50
	61 Isopropyl Acetate	43	5.173	5.173	(0.956)	445764	36.2304	36
	50 t-Amyl-methyl-ether	73	5.189	5.189	(0.958)	214795	19.4206	19
	49 1,2-Dichloroethane	62	5.211	5.211	(0.962)	116384	18.4527	18
	51 n-Heptane	57	5.275	5.270	(0.974)	42047	19.5038	20
*	52 Fluorobenzene	96	5.414	5.409	(1.000)	587841	50.0000	
	166 2,4,4-Trimethyl-1-pentene	112	5.628	5.628	(1.040)	25527	29.6183	30
	54 Trichloroethene	95	5.767	5.762	(1.065)	80583	22.0232	22
	55 Ethyl Acrylate	73	5.885	5.880	(1.087)	7375	19.6960	20
	56 Methyl cyclohexane	83	5.896	5.896	(1.089)	107306	18.4223	18
	57 1,2-Dichloropropane	63	6.056	6.056	(1.119)	86358	18.8491	19
	59 Methyl Methacrylate	100	6.126	6.126	(1.131)	14855	18.2670	18
	75 Propyl Acetate	43	6.179	6.179	(1.141)	125612	17.4724	17
	60 1,4-Dioxane	88	6.168	6.163	(1.139)	6579	123.678	120
	58 Dibromomethane	93	6.184	6.179	(1.142)	50135	18.4126	18
	68 Bromodichloromethane	83	6.334	6.329	(1.170)	104045	19.0371	19
	62 2-Chloroethyl Vinyl Ether	63	6.773	6.671	(1.251)	2343	0.72930	0.73(aR)
	63 Epichlorohydrin	57	6.778	6.773	(0.764)	129416	262.951	260
	67 cis-1,3-Dichloropropene	75	6.832	6.832	(0.770)	112183	18.0140	18
	70 4-Methyl-2-Pentanone	43	7.003	6.998	(0.789)	90125	18.8401	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10341.d
Report Date: 07-Mar-2013 12:18

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
$	65 Toluene-d8 (SUR)	98	7.083	7.083	(0.798)	410621	50.1710	50
	66 Toluene	91	7.163	7.158	(0.807)	272587	19.4769	19
	64 trans-1,3-Dichloropropene	75	7.506	7.506	(0.846)	96139	18.0611	18
	175 Ethyl methacrylate	69	7.538	7.533	(1.392)	85860	14.3638	14
	69 1,1,2-Trichloroethane	83	7.725	7.720	(0.870)	57559	18.6132	19
	71 Tetrachloroethene	166	7.773	7.768	(0.876)	142653	59.6200	60(R)
	72 1,3-Dichloropropane	76	7.939	7.934	(0.894)	111619	18.6781	19
	73 2-Hexanone	43	7.998	7.993	(0.901)	58269	18.9990	19
	76 Butyl Acetate	73	8.110	8.105	(0.914)	31098	30.1456	30
	74 Dibromochloromethane	129	8.169	8.164	(0.920)	61299	18.1748	18
	77 1,2-Dibromoethane	107	8.324	8.324	(0.938)	60911	18.5678	18
*	78 Chlorobenzene-d5	117	8.875	8.870	(1.000)	377792	50.0000	
	79 Chlorobenzene	112	8.913	8.908	(1.004)	155519	18.9951	19
	81 Ethylbenzene	106	9.014	9.009	(1.016)	80595	16.7390	17
	80 1,1,1,2-Tetrachloroethane	131	9.030	9.025	(1.017)	56733	18.5086	18
	82 m+p-Xylene	106	9.170	9.164	(1.033)	203521	34.7560	35
	83 Butyl Acrylate	73	9.587	9.587	(1.080)	48727	14.5964	14
	84 o-Xylene	106	9.603	9.603	(1.082)	107481	17.4366	17
	85 Styrene	104	9.635	9.630	(1.086)	183273	17.6035	18
	87 Amyl Acetate	43	9.806	9.806	(0.893)	144656	15.3664	15
	86 Bromoform	173	9.833	9.828	(1.108)	38309	17.7729	18
	88 Isopropylbenzene	105	9.945	9.940	(1.121)	263450	17.5675	18
$	89 Bromofluorobenzene (SUR)	174	10.122	10.117	(0.922)	128592	48.9463	49
	92 1,1,2,2-Tetrachloroethane	83	10.266	10.266	(0.935)	102581	18.6409	19
	91 Bromobenzene	156	10.240	10.234	(0.932)	58891	18.1925	18
	95 n-Propylbenzene	91	10.293	10.293	(0.937)	355278	18.7953	19
	94 trans-1,4-Dichloro-2-butene	53	10.325	10.320	(0.940)	24224	17.4318	17
	93 1,2,3-Trichloropropane	110	10.309	10.309	(0.939)	23089	18.8396	19
	96 2-Chlorotoluene	91	10.384	10.384	(0.945)	253393	20.1335	20
	188 4-Ethyltoluene	105	10.389	10.384	(0.946)	272532	19.2617	19
	97 1,3,5-Trimethylbenzene	105	10.443	10.438	(0.951)	222069	17.2540	17
	99 Butyl Methacrylate	87	10.518	10.512	(0.958)	79613	14.5834	14
	98 4-Chlorotoluene	91	10.475	10.475	(0.954)	226516	20.4508	20
	100 tert-Butylbenzene	119	10.673	10.673	(0.972)	151603	15.7424	16
	101 1,2,4-Trimethylbenzene	105	10.721	10.716	(0.976)	226870	17.2735	17
	102 2-Octanone	43	10.807	10.807	(0.984)	142003	14.5590	14
	103 sec-Butylbenzene	105	10.828	10.828	(0.986)	275780	18.1489	18
	107 p-Isopropyltoluene	119	10.930	10.924	(0.995)	205890	17.0042	17
	105 1,3-Dichlorobenzene	146	10.935	10.930	(0.996)	114843	18.4309	18
*	108 1,4-Dichlorobenzene-d4	152	10.983	10.983	(1.000)	189691	50.0000	
	109 1,4-Dichlorobenzene	146	10.999	10.999	(1.001)	119008	18.7185	19
	110 Benzyl Chloride	91	11.095	11.096	(1.010)	137524	17.5028	18
	187 1,4-Diethylbenzene	119	11.181	11.176	(2.065)	124597	16.8199	17
	171 Indan	117	11.144	11.144	(2.058)	228614	17.0173	17
	106 n-Butylbenzene	91	11.197	11.192	(1.019)	290345	19.2088	19
	111 1,2-Dichlorobenzene	146	11.245	11.240	(1.024)	115999	18.7806	19
	112 1,2-Dibromo-3-chloropropane	75	11.721	11.721	(1.067)	21199	19.2160	19

Data File: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b/k10341.d
Report Date: 07-Mar-2013 12:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	186 1,2,4,5-Tetramethylbenzene	119	11.652	11.652	(2.152)	178460	14.6655	15
	114 1,2,4-Trichlorobenzene	180	12.203	12.203	(1.111)	70764	18.4725	18
	115 Hexachlorobutadiene	225	12.267	12.267	(1.117)	22771	18.0380	18
	116 Naphthalene	128	12.374	12.374	(1.127)	238215	19.5898	20
	117 1,2,3-Trichlorobenzene	180	12.535	12.535	(1.141)	68790	18.1127	18
M	120 1,2-Dichloroethene (Total)	100				146217	38.5680	38
M	121 Xylene (Total)	100				311002	52.1926	52

QC Flag Legend

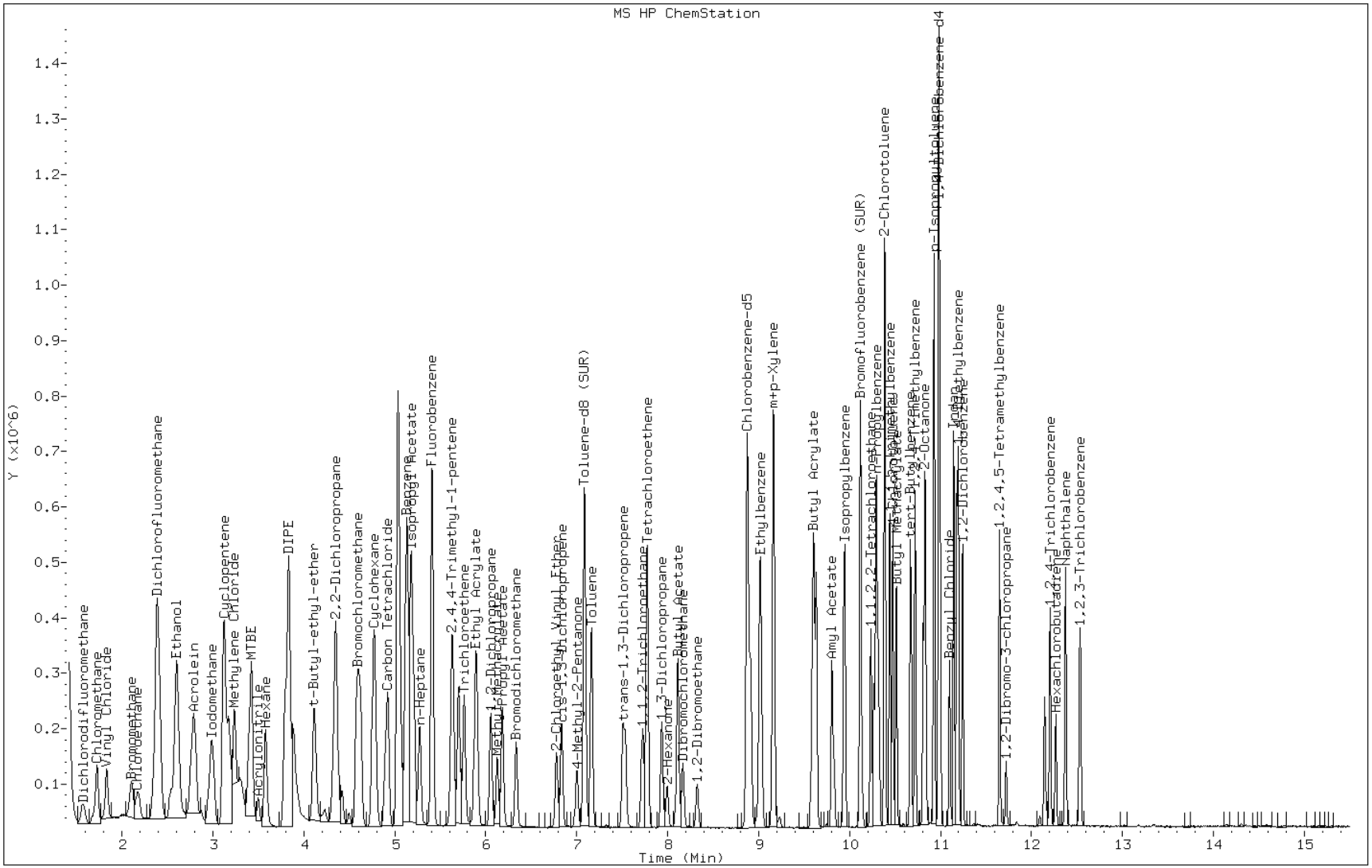
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: k10341.d

Date: 06-MAR-2013 11:23

Client ID: 130041-MW9D-80FT Instrument: VOAMS9.i

Sample Info: 460-51333-A-9 MSD Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 03/05/2013 17:06

Analysis Batch Number: 149877 End Date: 03/06/2013 02:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-149877/1		03/05/2013 17:06	1	k10307.d	DB-624 0.53(mm)
ICIS 460-149877/2		03/05/2013 17:53	1	k10309.d	DB-624 0.53(mm)
IC 460-149877/6		03/05/2013 23:05	1	k10315.d	DB-624 0.53(mm)
IC 460-149877/3		03/05/2013 23:29	1	k10316.d	DB-624 0.53(mm)
IC 460-149877/4		03/05/2013 23:52	1	k10317.d	DB-624 0.53(mm)
IC 460-149877/7		03/06/2013 00:16	1	k10318.d	DB-624 0.53(mm)
IC 460-149877/8		03/06/2013 02:14	1	k10323.d	DB-624 0.53(mm)
ICV 460-149877/5		03/06/2013 02:38	1		DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 03/06/2013 05:01

Analysis Batch Number: 149880 End Date: 03/06/2013 15:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-149880/1		03/06/2013 05:01	1	k10326.d	DB-624 0.53(mm)
CCVIS 460-149880/2		03/06/2013 05:29	1	k10327.d	DB-624 0.53(mm)
LCS 460-149880/3		03/06/2013 05:53	1	k10328.d	DB-624 0.53(mm)
MB 460-149880/22		03/06/2013 07:27	1	k10331.d	DB-624 0.53(mm)
ZZZZZ		03/06/2013 07:50	1		DB-624 0.53(mm)
ZZZZZ		03/06/2013 08:14	1		DB-624 0.53(mm)
ZZZZZ		03/06/2013 08:37	1		DB-624 0.53(mm)
ZZZZZ		03/06/2013 09:01	2		DB-624 0.53(mm)
ZZZZZ		03/06/2013 09:25	1		DB-624 0.53(mm)
ZZZZZ		03/06/2013 10:13	1		DB-624 0.53(mm)
ZZZZZ		03/06/2013 10:36	5		DB-624 0.53(mm)
460-51333-9 MS	130041-MW9D-80FT MS	03/06/2013 11:00	1	k10340.d	DB-624 0.53(mm)
460-51333-9 MSD	130041-MW9D-80FT MSD	03/06/2013 11:23	1	k10341.d	DB-624 0.53(mm)
ZZZZZ		03/06/2013 12:33	1		DB-624 0.53(mm)
ZZZZZ		03/06/2013 12:57	1		DB-624 0.53(mm)
460-51333-2	130041-TB1-2-25-13	03/06/2013 12:57	1	k10345.d	DB-624 0.53(mm)
460-51333-5	130041-TB2-2-25-13	03/06/2013 13:21	1	k10346.d	DB-624 0.53(mm)
460-51333-8	130041-TB3-2-25-13	03/06/2013 13:45	1	k10347.d	DB-624 0.53(mm)
460-51333-11	130041-TB4-2-25-13	03/06/2013 14:08	1	k10348.d	DB-624 0.53(mm)
460-51333-10	130041-MW8D-58FT	03/06/2013 14:32	1	k10349.d	DB-624 0.53(mm)
460-51333-12	130041-MW7S-40FT	03/06/2013 14:56	1	k10350.d	DB-624 0.53(mm)
460-51333-13	130041-MW11R-45FT	03/06/2013 15:20	1	k10351.d	DB-624 0.53(mm)
460-51333-1	130041-MW10R-45FT	03/06/2013 15:43	1	k10352.d	DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 03/06/2013 17:17

Analysis Batch Number: 150001 End Date: 03/07/2013 03:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-150001/1		03/06/2013 17:17	1	k10354.d	DB-624 0.53(mm)
CCVIS 460-150001/2		03/06/2013 17:39	1	k10355.d	DB-624 0.53(mm)
LCS 460-150001/3		03/06/2013 18:03	1	k10356.d	DB-624 0.53(mm)
MB 460-150001/4		03/06/2013 19:50	1	k10359.d	DB-624 0.53(mm)
460-51333-4	130041-MW-3-45FT	03/06/2013 20:14	1	k10360.d	DB-624 0.53(mm)
460-51333-7	130041-MW-4-45FT	03/06/2013 20:37	1	k10361.d	DB-624 0.53(mm)
460-51333-6	130041-MW-2-45FT	03/06/2013 21:01	1	k10362.d	DB-624 0.53(mm)
460-51333-3	130041-MW8S-50FT	03/06/2013 21:25	1	k10363.d	DB-624 0.53(mm)
460-51333-7 MS	130041-MW-4-45FT MS	03/06/2013 22:55	10	k10364.d	DB-624 0.53(mm)
460-51333-7 MSD	130041-MW-4-45FT MSD	03/06/2013 23:19	10	k10365.d	DB-624 0.53(mm)
460-51333-9	130041-MW9D-80FT	03/07/2013 00:29	1	k10368.d	DB-624 0.53(mm)
460-51333-14	130041-TB5-2-25-13	03/07/2013 00:53	1	k10369.d	DB-624 0.53(mm)
460-51333-17	130041-TB6-2-25-13	03/07/2013 01:17	1	k10370.d	DB-624 0.53(mm)
460-51333-20	130041-TB7-2-25-13	03/07/2013 01:40	1	k10371.d	DB-624 0.53(mm)
460-51333-22	130041-TB8-2-25-13	03/07/2013 02:04	1	k10372.d	DB-624 0.53(mm)
ZZZZZ		03/07/2013 02:27	5		DB-624 0.53(mm)
ZZZZZ		03/07/2013 02:51	10		DB-624 0.53(mm)
460-51333-15	130041-MW-5-45FT	03/07/2013 03:14	1	k10375.d	DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: VOAMS9 Start Date: 03/07/2013 03:35

Analysis Batch Number: 150061 End Date: 03/07/2013 14:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-150061/1		03/07/2013 03:35	1	k10376.d	DB-624 0.53(mm)
CCVIS 460-150061/2		03/07/2013 04:05	1	k10377.d	DB-624 0.53(mm)
LCS 460-150061/3		03/07/2013 04:28	1	k10378.d	DB-624 0.53(mm)
MB 460-150061/4		03/07/2013 05:52	1	k10381.d	DB-624 0.53(mm)
460-51333-16	130041-MW-6-55FT	03/07/2013 06:16	1	k10382.d	DB-624 0.53(mm)
460-51333-18	130041-MW-1-45FT	03/07/2013 06:39	1	k10383.d	DB-624 0.53(mm)
460-51333-19	130041-MW-9S-40FT	03/07/2013 07:03	1	k10384.d	DB-624 0.53(mm)
460-51333-21	130041-MW-7D-55FT	03/07/2013 07:27	1	k10385.d	DB-624 0.53(mm)
ZZZZZ		03/07/2013 08:40	10		DB-624 0.53(mm)
ZZZZZ		03/07/2013 09:04	10		DB-624 0.53(mm)
ZZZZZ		03/07/2013 10:14	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 10:37	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 11:01	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 11:24	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 11:48	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 12:11	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 12:35	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 12:59	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 13:22	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 13:46	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 14:09	1		DB-624 0.53(mm)
ZZZZZ		03/07/2013 14:32	10		DB-624 0.53(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b

Date Generated: 03/06/2013

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/05/13 1706	k10307.d	2	BFB		0	0	1	all			G
03/05/13 1729	k10308.d	1	CCVIS		5	0	1	all		8260 HIGH 8260 IS: 1979649	(N.M)
03/05/13 1753	k10309.d	2	ICIS-VM8CAL3		5	0	1	all		SURR 500: SURR 250: 2014192	G
03/05/13 1916	k10310.d	3	BLANK		5	0	1	all		GAS 500: 2034220 MIX 1 500:	cleanup.
03/05/13 1940	k10311.d	4	BLANK		5	0	1	all		2036142 MIX 2 500: 2036144	cleanup.
03/05/13 2154	k10312.d	5	BLANK		5	0	1	all		MIX 3: 2036145 AC/AC:	cleanup.
03/05/13 2218	k10313.d	8	IC-VM8CAL2		5	0	1	all		2036147 GAS SP: 2034221	N.G
03/05/13 2242	k10314.d	9	IC-VM8CAL1		5	0	1	all		8260 SP: 2033855 MIX 3 SP: 2036146	NG
03/05/13 2305	k10315.d	10	IC-VM8CAL1		5	0	1	all		AC/AC SP: 2036148 MISC: 2036149	G
03/05/13 2329	k10316.d	11	IC-VM8CAL4		5	0	1	all		2036150	G
03/05/13 2352	k10317.d	12	IC-VM8CAL5		5	0	1	all		2036154	G
03/06/13 0016	k10318.d	13	IC-VM8CAL6		5	0	1	all		MeOH 123279.	G
03/06/13 0039	k10319.d	14	BLANK		5	0	1	all			cleanup.
03/06/13 0103	k10320.d	15	BLANK		5	0	1	all			cleanup.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/05mar13a.b

Date Generated: 03/06/2013

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/06/13 0126	k10321.d	16	BLANK		5	0	1	all			cleanup.
03/06/13 0150	k10322.d	17	BLANK		5	0	1	all			cleanup.
03/06/13 0214	k10323.d	18	IC-VM8CAL2		5	0	1	all			G
03/06/13 0238	k10324.d	19	ICV		5	0	1	all			G
03/06/13 0302	k10325.d	20	ICV		5	0	1	all			G (V.V)

Signed: Norberto for Eddie. Read and Understood by: A Tipagal.

Date: 03/06/13 Date: 03/06/13

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b

Date Generated: 03/06/2013

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/06/13 0501	k10326.d	2	BFB		0	0	1	all			G
03/06/13 0529	k10327.d	1	CCVIS		5	0	1	all		8260 HIGH	G
03/06/13 0553	k10328.d	2	LCS		5	0	1	all		8260 IS: 1974649 SURR 500: SURR 250: 2014192 GAS 500: 2034210 MIX 1 500: 2036142 MIX 2 500: 2036144 MIX 3: 2036145 AC/AC: 2036147 GAS SP: 2034221 8260 SP: 2033865 MIX 3 SP: 2036146 AC/AC SP: 2036148 MISC: 14-DiBx 2036148 2036150 MeOH 123274	G
03/06/13 0640	k10329.d	3	MB		5	0	1	all			NA clean up
03/06/13 0704	k10330.d	4	MB		5	0	1	all			NA clean up
03/06/13 0727	k10331.d	5	MB		5	0	1	all			G
03/06/13 0750	k10332.d	6	460-51349-B-6	CEG-1-15	5	0	1	all	L2		G
03/06/13 0814	k10333.d	7	460-51349-C-7	CEG-1-25	5	0	1	all	L2		G
03/06/13 0837	k10334.d	8	460-51349-C-8	CEG-1-40	5	0	1	all	L2		G see 5x DI - Not need (W) 3-8-13
03/06/13 0901	k10335.d	9	460-51349-C-2	CEG-3-40	5	0	2	all	L2		G see 10x DI - Not need (W) 3-8-
03/06/13 0925	k10336.d	10	460-51352-C-2	GW-1	5	0	1	all	L2		G
03/06/13 0949	k10337.d	11	460-51333-C-9	130041-MW9D-80FT	5	0	1	all	L2		RR c/o
03/06/13 1013	k10338.d	12	460-51259-D-4	SO-GW-1	5	0	1	all	L1		G
03/06/13 1036	k10339.d	13	460-51119-B-6	MW-12D	5	0	5	all	L2		G

* diluted for

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13.b

Date Generated: 03/06/2013

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/06/13 1100	k10340.d	14	460-51333-B-9 MS	130041-MW9D-80FT	5	0	1	all	4		4
03/06/13 1123	k10341.d	15	460-51333-A-9 MSD	130041-MW9D-80FT	5	0	1	all	4		4
03/06/13 1146	k10342.d	16	BLANK		5	0	1	all			NH clean up
03/06/13 1210	k10343.d	17	BLANK		5	0	1	all			NH clean up
03/06/13 1233	k10344.d	18	460-51329-A-1	TB	5	0	1	all	4		4
03/06/13 1257	k10345.d	19	460-51333-C-2 wmb 3/8/13 D		5	0	1	all	4		4
03/06/13 1321	k10346.d	20	460-51333-A-5	130041-TB2-2-25-13	5	0	1	all	4		4
03/06/13 1345	k10347.d	21	460-51333-A-8	130041-TB3-2-25-13	5	0	1	all	4		4
03/06/13 1408	k10348.d	22	460-51333-C-11	130041-TB4-2-25-13	5	0	1	all	4		4
03/06/13 1432	k10349.d	23	460-51333-C-10	130041-MW8D-58FT	5	0	1	all	4		4
03/06/13 1456	k10350.d	24	460-51333-C-12	130041-MW7S-40FT	5	0	1	all	4		4
03/06/13 1520	k10351.d	25	460-51333-C-13	130041-MW11R-45FT	5	0	1	all	4		4
03/06/13 1543	k10352.d	26	460-51333-C-1	130041-MW10R-45FT	5	0	1	all	4		4
03/06/13 1607	k10353.d	27	BLANK		5	0	1	all			NH clean up

Dilutions: 2x - 25 ml → 50 ml FV
5x - 10 ml → 50 ml FV

Signed: Eddie Mey for SF 03/06/13

Read and Understood by: Eddie Mey 03/06/13

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b

Date Generated: 03/07/2013

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/06/13 1717	k10354.d	2	BFB		0	0	1	all			G
03/06/13 1739	k10355.d	1	CCVIS		5	0	1	all		8260 HIGH 8260 IS: 1979649 SURR 500: — SURR 250: 2014192 GAS 500: 2034220 MIX 1 500: 2036142 MIX 2 500: 2036144 MIX 3: 2036145 AC/AC: 2036147 GAS SP: 2034221 8260 SP: 2033855 MIX 3 SP: 2036146 AC/AC SP: 2036148 MISC: 2036149 2036150 MeOH 123279.	C
03/06/13 1803	k10356.d	2	LCS		5	0	1	all			C
03/06/13 1903	k10357.d	3	MB		5	0	1	all			cleanup.
03/06/13 1926	k10358.d	4	MB		5	0	1	all			cleanup.
03/06/13 1950	k10359.d	5	MB		5	0	1	all			C
03/06/13 2014	k10360.d	6	460-51333-C-4	130041-MW-3-45FT	5	0	1	all	L2		C
03/06/13 2037	k10361.d	7	460-51333-C-7	130041-MW-4-45FT	5	0	1	all	L2		C
03/06/13 2101	k10362.d	8	460-51333-C-6	130041-MW-2-45FT	5	0	1	all	L2		C
03/06/13 2125	k10363.d	9	460-51333-C-3	130041-MW8S-50FT	5	0	1	all	L2		C
03/06/13 2255	k10364.d	10	460-51333-C-7 MS	130041-MW-4-45FT	5	0	10	all	L2		C
03/06/13 2319	k10365.d	11	460-51333-C-7 MSD	130041-MW-4-45FT	5	0	10	all	L2		C
03/06/13 2342	k10366.d	12	BLANK		5	0	1	all	—		cleanup.
03/07/13 0006	k10367.d	13	BLANK		5	0	1	all	—		cleanup.

5X → 10 mL → 50 mL FV.

10X → 5 mL → 50 mL FV.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/06mar13a.b

Date Generated: 03/07/2013

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/07/13 0029	k10368.d	14	460-51333-B-9	130041-MW9D-80FT	5	0	1	all	<2		G
03/07/13 0053	k10369.d	15	460-51333-C-14	130041-TB5-2-25-13	5	0	1	all	<2		G
03/07/13 0117	k10370.d	16	460-51333-C-17	130041-TB6-2-25-13	5	0	1	all	<2		G
03/07/13 0140	k10371.d	17	460-51333-C-20	130041-TB7-2-25-13	5	0	1	all	<2		G
03/07/13 0204	k10372.d	18	460-51333-A-22	130041-TB8-2-25-13	5	0	1	all	<2		G
03/07/13 0227	k10373.d	19	460-51349-B-8 DI	CEG-1-40	5	0	5	all	<2		~~RR HX~~ G NU
03/07/13 0251	k10374.d	20	460-51349-B-2 DI	CEG-3-40	5	0	10	all	<2		~~RR HX~~ G NU
03/07/13 0314	k10375.d	21	460-51333-C-15	130041-MW-5-45FT	5	0	1	all	<2		G

Signed: Auberto for Eddie. Read and Understood by: A-Tupaz

Date: 03/07/13 Date: 03/07/13

03/11/2013

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b

Date Generated: 03/07/2013

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#150061

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/07/13 0335	k10376.d	2	BFB		0	0	1	all		8260 HIGH	G
03/07/13 0405	k10377.d	1	CCVIS		5	0	1	all		8260 IS: 1978549 SURR 500:	G
03/07/13 0428	k10378.d	2	LCS		5	0	1	all		SURR 250: 2034192 GAS 500:	G
03/07/13 0504	k10379.d	3	MB		5	0	1	all		2034220 MIX 1 500: 2036142 MIX 2 500:	NH clean up
03/07/13 0528	k10380.d	4	MB		5	0	1	all		2036144 MIX 3: 2036145 AC/AC:	NH clean up
03/07/13 0552	k10381.d	5	MB		5	0	1	all		2036147 GAS SP: 2034221	G
03/07/13 0616	k10382.d	6	460-51333-C-16	130041-MW-6-55FT	5	0	1	all	L2	8260 SP: 2033855 MIX 3 SP:	G
03/07/13 0639	k10383.d	7	460-51333-C-18	130041-MW-1-45FT	5	0	1	all	L2	2036146 AC/AC SP: 2036148 MISC:	G
03/07/13 0703	k10384.d	8	460-51333-C-19	130041-MW-9S-40FT	5	0	1	all	L2	1,4-Dioxane 2036149	G
03/07/13 0727	k10385.d	9	460-51333-C-21	130041-MW-7D-55FT	5	0	1	all	L2	2036150 MeOH 123274	G
03/07/13 0753	k10386.d	10	460-51349-B-8	CEG-1-40	5	0	1	all	L2		NH Already reported
03/07/13 0817	k10387.d	11	460-51349-B-2	CEG-3-40	5	0	1	all	L2		NH Already reported
03/07/13 0840	k10388.d	12	460-51443-A-1 MS	DRUM 1	5	0	10	all	L2		G
03/07/13 0904	k10389.d	13	460-51443-A-1 MSD	DRUM 1	5	0	10	all	L2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b

Date Generated: 03/07/2013

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/07/13 0927	k10390.d	14	BLANK		5	0	1	all			NH clean up
03/07/13 0951	k10391.d	15	BLANK		5	0	1	all			NH clean up
03/07/13 1014	k10392.d	16	460-51443-A-1	DRUM 1	5	0	1	all	<2		6
03/07/13 1037	k10393.d	17	460-51443-A-2	DRUM 2	5	0	1	all	<2		6
03/07/13 1101	k10394.d	18	460-51443-A-3	DRUM 3	5	0	1	all	<2		6
03/07/13 1124	k10395.d	19	460-51443-B-4	DRUM 4	5	0	1	all	<2		6
03/07/13 1148	k10396.d	20	460-51443-A-5	PIT	5	0	1	all	<2		6
03/07/13 1211	k10397.d	21	460-51524-D-1	FB-201302282320	5	0	1	all	<2		6
03/07/13 1235	k10398.d	22	460-51524-D-2	T5-PMW-28-201303010	5	0	1	all	<2		6
03/07/13 1259	k10399.d	23	460-51524-D-3	T5-PMW-34-201303010	5	0	1	all	<2		6
03/07/13 1322	k10400.d	24	460-51524-D-4	T5-PMW-35-201303010	5	0	1	all	<2		6
03/07/13 1346	k10401.d	25	460-51524-D-5	T5-PMW-36-201303010	5	0	1	all	<2		6
03/07/13 1409	k10402.d	26	460-51524-D-7	T5-PMW-38-201303010	5	0	1	all	<2		6
03/07/13 1432	k10403.d	27	460-51524-D-6	T5-PMW-37-201303010	5	0	10	all	<2		6

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260_09/03-05-13A/07mar13.b

Date Generated: 03/07/2013

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/07/13 1456	k10404.d	28	BLANK		5	0	1	all			Nu clean up

Dilutions: 10x - 5ml → 50ml FV

Signed: Eddie Mo for AT Read and Understood by: Eddie Mo

Date: 03/07/13 Date: 03/07/13

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
130041-MW10R-45FT	460-51333-1	39	28	94	82	92	80
130041-MW8S-50FT	460-51333-3	53	40	102	93	102	90
130041-MW-3-45FT	460-51333-4	36	24	85	77	91	77
130041-MW-2-45FT	460-51333-6	43	26	94	84	95	84
130041-MW-4-45FT	460-51333-7	40	26	93	85	97	81
130041-MW9D-80FT	460-51333-9	39	25	87	83	89	81
130041-MW8D-58FT	460-51333-10	47	31	99	90	102	91
130041-MW7S-40FT	460-51333-12	41	28	89	84	94	79
130041-MW11R-45FT	460-51333-13	38	27	89	82	90	87
130041-MW-5-45FT	460-51333-15	28	17	89	85	85	88
130041-MW-6-55FT	460-51333-16	32	18	89	86	89	92
130041-MW-1-45FT	460-51333-18	28	17	86	82	84	89
130041-MW-9S-40FT	460-51333-19	30	17	91	85	86	94
130041-MW-7D-55FT	460-51333-21	32	18	93	88	86	97
	MB 460-148840/1-A	56	41	92	87	98	93
	MB 460-149066/1-A	34	23	99	96	92	100
	LCS 460-148840/2-A	43	29	72	71	81	70
	LCS 460-149066/2-A	35	21	96	95	101	91
	LCSD 460-149066/3-A	35	20	92	89	89	81
130041-MW9D-80FT MS	460-51333-9 MS	39	26	78	79	83	69
130041-MW9D-80FT MSD	460-51333-9 MSD	38	24	77	77	85	73

	QC LIMITS
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x34676.d

Lab ID: LCS 460-148840/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	148	148	52-150	
Phenol	100	33.3	33	12-44	
Bis(2-chloroethyl)ether	100	80.7	81	62-108	
2-Chlorophenol	100	73.5	74	53-101	
2-Methylphenol	100	64.4	64	40-90	
Acetophenone	100	77.3	77	68-109	
N-Nitrosodi-n-propylamine	100	73.5	73	70-109	
Hexachloroethane	100	72.1	72	50-99	
Nitrobenzene	100	72.0	72	66-106	
Isophorone	100	71.9	72	68-108	
2-Nitrophenol	100	77.9	78	65-107	
2,4-Dimethylphenol	100	73.2	73	55-100	
Bis(2-chloroethoxy)methane	100	75.9	76	69-108	
2,4-Dichlorophenol	100	78.8	79	64-107	
Naphthalene	100	73.1	73	63-101	
4-Chloroaniline	100	76.3	76	58-105	
Hexachlorobutadiene	100	70.2	70	52-99	
Caprolactam	100	23.2	23	10-30	
4-Chloro-3-methylphenol	100	77.3	77	57-106	
2-Methylnaphthalene	100	74.7	75	66-102	
Hexachlorocyclopentadiene	100	61.2	61	40-105	
2,4,6-Trichlorophenol	100	78.4	78	67-111	
2,4,5-Trichlorophenol	100	81.1	81	67-114	
2-Chloronaphthalene	100	75.1	75	65-107	
2-Nitroaniline	100	72.4	72	73-116	*
Dimethyl phthalate	100	80.6	81	69-111	
Acenaphthylene	100	76.2	76	67-107	
2,6-Dinitrotoluene	100	82.4	82	68-114	
3-Nitroaniline	100	84.3	84	59-108	
Acenaphthene	100	78.2	78	66-108	
2,4-Dinitrophenol	100	96.9	97	19-113	
4-Nitrophenol	100	31.2	31	10-44	
Dibenzofuran	100	75.8	76	68-105	
2,4-Dinitrotoluene	100	82.4	82	65-113	
Diethyl phthalate	100	80.2	80	66-109	
4-Chlorophenyl phenyl ether	100	79.3	79	68-105	
Fluorene	100	78.4	78	68-105	
4-Nitroaniline	100	84.0	84	49-119	
4,6-Dinitro-2-methylphenol	100	95.4	95	58-115	
N-Nitrosodiphenylamine	100	82.5	83	71-121	
4-Bromophenyl phenyl ether	100	77.8	78	66-110	
Hexachlorobenzene	100	76.2	76	65-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x34676.d

Lab ID: LCS 460-148840/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Atrazine	100	69.9	70	56-116	
Pentachlorophenol	100	79.5	80	55-116	
Phenanthrene	100	77.4	77	68-110	
Anthracene	100	77.3	77	68-108	
Carbazole	100	80.9	81	67-110	
Di-n-butyl phthalate	100	79.9	80	68-111	
Fluoranthene	100	80.4	80	68-108	
Pyrene	100	75.2	75	61-110	
Butyl benzyl phthalate	100	79.6	80	66-115	
3,3'-Dichlorobenzidine	100	91.3	91	69-129	
Benzo[a]anthracene	100	74.0	74	65-106	
Chrysene	100	78.1	78	68-112	
Bis(2-ethylhexyl) phthalate	100	78.5	78	66-114	
Di-n-octyl phthalate	100	76.8	77	51-115	
Benzo[b]fluoranthene	100	73.5	73	65-111	
Benzo[k]fluoranthene	100	74.8	75	66-114	
Benzo[a]pyrene	100	78.4	78	58-101	
Indeno[1,2,3-cd]pyrene	100	75.4	75	68-121	
Dibenz(a,h)anthracene	100	72.4	72	67-124	
Benzo[g,h,i]perylene	100	79.1	79	65-134	
Diphenyl	100	77.7	78	66-112	
4-Methylphenol	100	60.1	60	30-75	
bis (2-chloroisopropyl) ether	100	67.8	68	68-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19208.d

Lab ID: LCS 460-149066/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	203	203	52-150	*
Phenol	100	25.9	26	12-44	
Bis(2-chloroethyl)ether	100	86.8	87	62-108	
2-Chlorophenol	100	81.0	81	53-101	
2-Methylphenol	100	65.4	65	40-90	
Acetophenone	100	100	100	68-109	
N-Nitrosodi-n-propylamine	100	99.9	100	70-109	
Hexachloroethane	100	94.2	94	50-99	
Nitrobenzene	100	99.3	99	66-106	
Isophorone	100	88.8	89	68-108	
2-Nitrophenol	100	91.7	92	65-107	
2,4-Dimethylphenol	100	85.8	86	55-100	
Bis(2-chloroethoxy)methane	100	92.0	92	69-108	
2,4-Dichlorophenol	100	94.1	94	64-107	
Naphthalene	100	95.5	96	63-101	
4-Chloroaniline	100	89.4	89	58-105	
Hexachlorobutadiene	100	94.8	95	52-99	
Caprolactam	100	12.8	13	10-30	
4-Chloro-3-methylphenol	100	90.7	91	57-106	
2-Methylnaphthalene	100	95.5	96	66-102	
Hexachlorocyclopentadiene	100	84.5	84	40-105	
2,4,6-Trichlorophenol	100	94.4	94	67-111	
2,4,5-Trichlorophenol	100	95.1	95	67-114	
2-Chloronaphthalene	100	93.6	94	65-107	
2-Nitroaniline	100	86.6	87	73-116	
Dimethyl phthalate	100	95.0	95	69-111	
Acenaphthylene	100	93.8	94	67-107	
2,6-Dinitrotoluene	100	92.8	93	68-114	
3-Nitroaniline	100	89.5	90	59-108	
Acenaphthene	100	91.7	92	66-108	
2,4-Dinitrophenol	100	79.6	80	19-113	
4-Nitrophenol	100	20.4 J	20	10-44	
Dibenzofuran	100	93.7	94	68-105	
2,4-Dinitrotoluene	100	93.6	94	65-113	
Diethyl phthalate	100	97.9	98	66-109	
4-Chlorophenyl phenyl ether	100	96.6	97	68-105	
Fluorene	100	97.6	98	68-105	
4-Nitroaniline	100	82.3	82	49-119	
4,6-Dinitro-2-methylphenol	100	95.5	95	58-115	
N-Nitrosodiphenylamine	100	101	101	71-121	
4-Bromophenyl phenyl ether	100	101	101	66-110	
Hexachlorobenzene	100	98.8	99	65-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19208.d

Lab ID: LCS 460-149066/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Atrazine	100	84.0	84	56-116	
Pentachlorophenol	100	98.4	98	55-116	
Phenanthrene	100	97.9	98	68-110	
Anthracene	100	96.9	97	68-108	
Carbazole	100	97.4	97	67-110	
Di-n-butyl phthalate	100	103	103	68-111	
Fluoranthene	100	98.9	99	68-108	
Pyrene	100	80.2	80	61-110	
Butyl benzyl phthalate	100	93.7	94	66-115	
3,3'-Dichlorobenzidine	100	123	123	69-129	
Benzo[a]anthracene	100	90.7	91	65-106	
Chrysene	100	91.4	91	68-112	
Bis(2-ethylhexyl) phthalate	100	98.7	99	66-114	
Di-n-octyl phthalate	100	86.7	87	51-115	
Benzo[b]fluoranthene	100	94.5	94	65-111	
Benzo[k]fluoranthene	100	97.2	97	66-114	
Benzo[a]pyrene	100	100	100	58-101	
Indeno[1,2,3-cd]pyrene	100	82.0	82	68-121	
Dibenz(a,h)anthracene	100	90.9	91	67-124	
Benzo[g,h,i]perylene	100	98.9	99	65-134	
Diphenyl	100	98.4	98	66-112	
4-Methylphenol	100	53.3	53	30-75	
bis (2-chloroisopropyl) ether	100	83.3	83	68-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19196.d

Lab ID: LCSD 460-149066/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	100	209	209	3	30	52-150	*
Phenol	100	27.2	27	5	30	12-44	
Bis(2-chloroethyl)ether	100	89.4	89	3	30	62-108	
2-Chlorophenol	100	84.1	84	4	30	53-101	
2-Methylphenol	100	66.0	66	1	30	40-90	
Acetophenone	100	99.9	100	0	30	68-109	
N-Nitrosodi-n-propylamine	100	99.2	99	1	30	70-109	
Hexachloroethane	100	94.1	94	0	30	50-99	
Nitrobenzene	100	100	100	1	30	66-106	
Isophorone	100	87.8	88	1	30	68-108	
2-Nitrophenol	100	93.4	93	2	30	65-107	
2,4-Dimethylphenol	100	88.1	88	3	30	55-100	
Bis(2-chloroethoxy)methane	100	93.4	93	2	30	69-108	
2,4-Dichlorophenol	100	95.7	96	2	30	64-107	
Naphthalene	100	95.4	95	0	30	63-101	
4-Chloroaniline	100	90.0	90	1	30	58-105	
Hexachlorobutadiene	100	96.2	96	1	30	52-99	
Caprolactam	100	11.8	12	9	30	10-30	
4-Chloro-3-methylphenol	100	88.4	88	2	30	57-106	
2-Methylnaphthalene	100	94.0	94	2	30	66-102	
Hexachlorocyclopentadiene	100	88.6	89	5	30	40-105	
2,4,6-Trichlorophenol	100	97.6	98	3	30	67-111	
2,4,5-Trichlorophenol	100	97.1	97	2	30	67-114	
2-Chloronaphthalene	100	98.2	98	5	30	65-107	
2-Nitroaniline	100	87.1	87	1	30	73-116	
Dimethyl phthalate	100	93.1	93	2	30	69-111	
Acenaphthylene	100	95.3	95	2	30	67-107	
2,6-Dinitrotoluene	100	91.1	91	2	30	68-114	
3-Nitroaniline	100	88.8	89	1	30	59-108	
Acenaphthene	100	92.7	93	1	30	66-108	
2,4-Dinitrophenol	100	64.9	65	20	30	19-113	
4-Nitrophenol	100	19.6 J	20	4	30	10-44	
Dibenzofuran	100	93.6	94	0	30	68-105	
2,4-Dinitrotoluene	100	88.7	89	5	30	65-113	
Diethyl phthalate	100	92.8	93	5	30	66-109	
4-Chlorophenyl phenyl ether	100	96.1	96	1	30	68-105	
Fluorene	100	96.4	96	1	30	68-105	
4-Nitroaniline	100	76.2	76	8	30	49-119	
4,6-Dinitro-2-methylphenol	100	90.7	91	5	30	58-115	
N-Nitrosodiphenylamine	100	102	102	1	30	71-121	
4-Bromophenyl phenyl ether	100	103	103	2	30	66-110	
Hexachlorobenzene	100	99.3	99	1	30	65-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z19196.d

Lab ID: LCSD 460-149066/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Atrazine	100	79.8	80	5	30	56-116	
Pentachlorophenol	100	91.8	92	7	30	55-116	
Phenanthrene	100	96.9	97	1	30	68-110	
Anthracene	100	95.7	96	1	30	68-108	
Carbazole	100	93.5	93	4	30	67-110	
Di-n-butyl phthalate	100	97.5	97	6	30	68-111	
Fluoranthene	100	93.3	93	6	30	68-108	
Pyrene	100	87.7	88	9	30	61-110	
Butyl benzyl phthalate	100	97.2	97	4	30	66-115	
3,3'-Dichlorobenzidine	100	124	124	1	30	69-129	
Benzo[a]anthracene	100	93.3	93	3	30	65-106	
Chrysene	100	93.2	93	2	30	68-112	
Bis(2-ethylhexyl) phthalate	100	99.8	100	1	30	66-114	
Di-n-octyl phthalate	100	82.6	83	5	30	51-115	
Benzo[b]fluoranthene	100	94.8	95	0	30	65-111	
Benzo[k]fluoranthene	100	91.6	92	6	30	66-114	
Benzo[a]pyrene	100	100	100	0	30	58-101	
Indeno[1,2,3-cd]pyrene	100	94.0	94	14	30	68-121	
Dibenz(a,h)anthracene	100	102	102	11	30	67-124	
Benzo[g,h,i]perylene	100	111	111	11	30	65-134	
Diphenyl	100	101	101	2	30	66-112	
4-Methylphenol	100	52.9	53	1	30	30-75	
bis (2-chloroisopropyl) ether	100	85.9	86	3	30	68-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x34684.d

Lab ID: 460-51333-9 MS Client ID: 130041-MW9D-80FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzaldehyde	95.2	9.5 U	156	164	52-150	*
Phenol	95.2	9.5 U	29.0	30	12-44	
Bis(2-chloroethyl)ether	95.2	0.95 U	81.4	86	62-108	
2-Chlorophenol	95.2	9.5 U	72.5	76	53-101	
2-Methylphenol	95.2	9.5 U	60.7	64	40-90	
Acetophenone	95.2	9.5 U	78.6	83	68-109	
N-Nitrosodi-n-propylamine	95.2	0.95 U	73.5	77	70-109	
Hexachloroethane	95.2	0.95 U	74.2	78	50-99	
Nitrobenzene	95.2	0.95 U	74.7	78	66-106	
Isophorone	95.2	9.5 U	73.2	77	68-108	
2-Nitrophenol	95.2	9.5 U	76.8	81	65-107	
2,4-Dimethylphenol	95.2	9.5 U	73.2	77	55-100	
Bis(2-chloroethoxy)methane	95.2	9.5 U	78.1	82	69-108	
2,4-Dichlorophenol	95.2	9.5 U	78.8	83	64-107	
Naphthalene	95.2	9.5 U	76.1	80	63-101	
4-Chloroaniline	95.2	9.5 U	75.9	80	58-105	
Hexachlorobutadiene	95.2	1.9 U	75.0	79	52-99	
Caprolactam	95.2	9.5 U	12.2	13	10-30	
4-Chloro-3-methylphenol	95.2	9.5 U	76.4	80	57-106	
2-Methylnaphthalene	95.2	9.5 U	77.3	81	66-102	
Hexachlorocyclopentadiene	95.2	9.5 U	64.1	67	40-105	
2,4,6-Trichlorophenol	95.2	9.5 U	82.2	86	67-111	
2,4,5-Trichlorophenol	95.2	9.5 U	84.6	89	67-114	
2-Chloronaphthalene	95.2	9.5 U	79.8	84	65-107	
2-Nitroaniline	95.2	19 U	75.3	79	73-116	
Dimethyl phthalate	95.2	9.5 U	83.3	88	69-111	
Acenaphthylene	95.2	9.5 U	81.1	85	67-107	
2,6-Dinitrotoluene	95.2	1.9 U	83.8	88	68-114	
3-Nitroaniline	95.2	19 U	89.4	94	59-108	
Acenaphthene	95.2	9.5 U	82.2	86	66-108	
2,4-Dinitrophenol	95.2	29 U	77.1	81	19-113	
4-Nitrophenol	95.2	29 U	23.7 J	25	10-44	
Dibenzofuran	95.2	9.5 U	79.3	83	68-105	
2,4-Dinitrotoluene	95.2	1.9 U	83.1	87	65-113	
Diethyl phthalate	95.2	9.5 U	82.9	87	66-109	
4-Chlorophenyl phenyl ether	95.2	9.5 U	81.8	86	68-105	
Fluorene	95.2	9.5 U	81.2	85	68-105	
4-Nitroaniline	95.2	19 U	93.4	98	49-119	
4,6-Dinitro-2-methylphenol	95.2	29 U	95.1	100	58-115	
N-Nitrosodiphenylamine	95.2	9.5 U	85.4	90	71-121	
4-Bromophenyl phenyl ether	95.2	9.5 U	82.3	86	66-110	
Hexachlorobenzene	95.2	0.95 U	80.2	84	65-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x34684.d

Lab ID: 460-51333-9 MS Client ID: 130041-MW9D-80FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Atrazine	95.2	9.5 U	71.1	75	56-116	
Pentachlorophenol	95.2	29 U	81.0	85	55-116	
Phenanthrene	95.2	9.5 U	81.6	86	68-110	
Anthracene	95.2	9.5 U	80.3	84	68-108	
Carbazole	95.2	9.5 U	84.6	89	67-110	
Di-n-butyl phthalate	95.2	9.5 U	84.2	88	68-111	
Fluoranthene	95.2	9.5 U	85.3	90	68-108	
Pyrene	95.2	9.5 U	71.2	75	61-110	
Butyl benzyl phthalate	95.2	9.5 U	81.0	85	66-115	
3,3'-Dichlorobenzidine	95.2	19 U	103	108	69-129	
Benzo[a]anthracene	95.2	0.95 U	77.0	81	65-106	
Chrysene	95.2	9.5 U	82.1	86	68-112	
Bis(2-ethylhexyl) phthalate	95.2	9.5 U	81.8	86	66-114	
Di-n-octyl phthalate	95.2	9.5 U	76.5	80	51-115	
Benzo[b]fluoranthene	95.2	0.95 U	75.8	80	65-111	
Benzo[k]fluoranthene	95.2	0.95 U	79.3	83	66-114	
Benzo[a]pyrene	95.2	0.95 U	82.0	86	58-101	
Indeno[1,2,3-cd]pyrene	95.2	0.95 U	79.0	83	68-121	
Dibenz(a,h)anthracene	95.2	0.95 U	76.5	80	67-124	
Benzo[g,h,i]perylene	95.2	9.5 U	84.0	88	65-134	
Diphenyl	95.2	9.5 U	83.6	88	66-112	
4-Methylphenol	95.2	9.5 U	55.1	58	30-75	
bis (2-chloroisopropyl) ether	95.2	9.5 U	69.2	73	68-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x34685.d

Lab ID: 460-51333-9 MSD Client ID: 130041-MW9D-80FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	95.2	156	164	0	30	52-150	*
Phenol	95.2	27.7	29	4	30	12-44	
Bis(2-chloroethyl)ether	95.2	82.1	86	1	30	62-108	
2-Chlorophenol	95.2	71.4	75	1	30	53-101	
2-Methylphenol	95.2	60.7	64	0	30	40-90	
Acetophenone	95.2	81.3	85	3	30	68-109	
N-Nitrosodi-n-propylamine	95.2	76.1	80	3	30	70-109	
Hexachloroethane	95.2	74.5	78	0	30	50-99	
Nitrobenzene	95.2	73.7	77	1	30	66-106	
Isophorone	95.2	75.0	79	3	30	68-108	
2-Nitrophenol	95.2	79.7	84	4	30	65-107	
2,4-Dimethylphenol	95.2	73.5	77	0	30	55-100	
Bis(2-chloroethoxy)methane	95.2	78.5	82	1	30	69-108	
2,4-Dichlorophenol	95.2	79.8	84	1	30	64-107	
Naphthalene	95.2	75.6	79	1	30	63-101	
4-Chloroaniline	95.2	76.1	80	0	30	58-105	
Hexachlorobutadiene	95.2	73.8	78	2	30	52-99	
Caprolactam	95.2	15.8	17	26	30	10-30	
4-Chloro-3-methylphenol	95.2	78.4	82	3	30	57-106	
2-Methylnaphthalene	95.2	78.3	82	1	30	66-102	
Hexachlorocyclopentadiene	95.2	62.6	66	2	30	40-105	
2,4,6-Trichlorophenol	95.2	80.1	84	3	30	67-111	
2,4,5-Trichlorophenol	95.2	83.0	87	2	30	67-114	
2-Chloronaphthalene	95.2	77.9	82	2	30	65-107	
2-Nitroaniline	95.2	77.8	82	3	30	73-116	
Dimethyl phthalate	95.2	84.5	89	1	30	69-111	
Acenaphthylene	95.2	80.6	85	1	30	67-107	
2,6-Dinitrotoluene	95.2	84.7	89	1	30	68-114	
3-Nitroaniline	95.2	88.4	93	1	30	59-108	
Acenaphthene	95.2	80.9	85	2	30	66-108	
2,4-Dinitrophenol	95.2	94.9	100	21	30	19-113	
4-Nitrophenol	95.2	25.2 J	26	6	30	10-44	
Dibenzofuran	95.2	79.1	83	0	30	68-105	
2,4-Dinitrotoluene	95.2	85.5	90	3	30	65-113	
Diethyl phthalate	95.2	84.5	89	2	30	66-109	
4-Chlorophenyl phenyl ether	95.2	82.7	87	1	30	68-105	
Fluorene	95.2	80.7	85	1	30	68-105	
4-Nitroaniline	95.2	88.5	93	5	30	49-119	
4,6-Dinitro-2-methylphenol	95.2	100	105	5	30	58-115	
N-Nitrosodiphenylamine	95.2	84.7	89	1	30	71-121	
4-Bromophenyl phenyl ether	95.2	79.9	84	3	30	66-110	
Hexachlorobenzene	95.2	80.5	84	0	30	65-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: x34685.d

Lab ID: 460-51333-9 MSD Client ID: 130041-MW9D-80FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Atrazine	95.2	72.4	76	2	30	56-116	
Pentachlorophenol	95.2	82.0	86	1	30	55-116	
Phenanthrene	95.2	80.3	84	2	30	68-110	
Anthracene	95.2	79.8	84	1	30	68-108	
Carbazole	95.2	84.6	89	0	30	67-110	
Di-n-butyl phthalate	95.2	86.1	90	2	30	68-111	
Fluoranthene	95.2	84.0	88	2	30	68-108	
Pyrene	95.2	75.4	79	6	30	61-110	
Butyl benzyl phthalate	95.2	84.1	88	4	30	66-115	
3,3'-Dichlorobenzidine	95.2	98.3	103	5	30	69-129	
Benzo[a]anthracene	95.2	77.0	81	0	30	65-106	
Chrysene	95.2	81.8	86	0	30	68-112	
Bis(2-ethylhexyl) phthalate	95.2	86.5	91	6	30	66-114	
Di-n-octyl phthalate	95.2	82.8	87	8	30	51-115	
Benzo[b]fluoranthene	95.2	76.9	81	1	30	65-111	
Benzo[k]fluoranthene	95.2	78.7	83	1	30	66-114	
Benzo[a]pyrene	95.2	81.3	85	1	30	58-101	
Indeno[1,2,3-cd]pyrene	95.2	77.4	81	2	30	68-121	
Dibenz(a,h)anthracene	95.2	73.3	77	4	30	67-124	
Benzo[g,h,i]perylene	95.2	80.5	85	4	30	65-134	
Diphenyl	95.2	81.9	86	2	30	66-112	
4-Methylphenol	95.2	56.1	59	2	30	30-75	
bis (2-chloroisopropyl) ether	95.2	70.7	74	2	30	68-107	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: x34677.d Lab Sample ID: MB 460-148840/1-A

Matrix: Water Date Extracted: 02/27/2013 08:02

Instrument ID: BNAMS5 Date Analyzed: 02/28/2013 02:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-148840/2-A	x34676.d	02/28/2013 01:37
130041-MW9D-80FT	460-51333-9	x34683.d	02/28/2013 04:24
130041-MW9D-80FT MS	460-51333-9 MS	x34684.d	02/28/2013 04:47
130041-MW9D-80FT MSD	460-51333-9 MSD	x34685.d	02/28/2013 05:11
130041-MW10R-45FT	460-51333-1	x34709.d	02/28/2013 15:54
130041-MW8S-50FT	460-51333-3	x34710.d	02/28/2013 16:18
130041-MW-2-45FT	460-51333-6	x34711.d	02/28/2013 16:42
130041-MW-4-45FT	460-51333-7	x34712.d	02/28/2013 17:06
130041-MW8D-58FT	460-51333-10	x34713.d	02/28/2013 17:30
130041-MW7S-40FT	460-51333-12	x34714.d	02/28/2013 17:54
130041-MW11R-45FT	460-51333-13	x34715.d	02/28/2013 18:17
130041-MW-3-45FT	460-51333-4	x34724.d	02/28/2013 21:52

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: z19197.d Lab Sample ID: MB 460-149066/1-A

Matrix: Water Date Extracted: 02/28/2013 11:22

Instrument ID: BNAMS11 Date Analyzed: 03/01/2013 08:08

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCSD 460-149066/3-A	z19196.d	03/01/2013 07:43
130041-MW-5-45FT	460-51333-15	z19200.d	03/01/2013 09:21
130041-MW-6-55FT	460-51333-16	z19201.d	03/01/2013 09:46
130041-MW-1-45FT	460-51333-18	z19202.d	03/01/2013 10:10
	LCS 460-149066/2-A	z19208.d	03/01/2013 12:37
130041-MW-9S-40FT	460-51333-19	z19209.d	03/01/2013 13:01
130041-MW-7D-55FT	460-51333-21	z19210.d	03/01/2013 13:26

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: z18528.d DFTPP Injection Date: 02/18/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 13:33

Analysis Batch No.: 147868

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	44.1	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	40.7	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.2	
197	Less than 1.0 % of mass 198	0.2	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.0	
275	10.0 - 30.0 % of mass 198	25.5	
365	Greater than 1.0 % of mass 198	4.5	
441	Present but less than mass 443	11.7	(75.2)3
442	Greater than 40.0 % of mass 198	80.6	
443	17.0 - 23.0 % of mass 442	15.5	(19.3)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 460-147868/2	z18529.d	02/18/2013	13:49
	IC 460-147868/3	z18530.d	02/18/2013	14:30
	IC 460-147868/4	z18531.d	02/18/2013	14:54
	IC 460-147868/5	z18532.d	02/18/2013	15:18
	IC 460-147868/6	z18533.d	02/18/2013	15:43
	IC 460-147868/7	z18534.d	02/18/2013	16:07

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: z19186.d DFTPP Injection Date: 03/01/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 03:32

Analysis Batch No.: 149265

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.0	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	42.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	53.6	
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	7.5	
275	10.0 - 30.0 % of mass 198	28.7	
365	Greater than 1.0 % of mass 198	4.7	
441	Present but less than mass 443	12.3	(74.3)3
442	Greater than 40.0 % of mass 198	84.6	
443	17.0 - 23.0 % of mass 442	16.6	(19.6)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 460-149265/2	z19187.d	03/01/2013	03:53
	LCSD 460-149066/3-A	z19196.d	03/01/2013	07:43
	MB 460-149066/1-A	z19197.d	03/01/2013	08:08
130041-MW-5-45FT	460-51333-15	z19200.d	03/01/2013	09:21
130041-MW-6-55FT	460-51333-16	z19201.d	03/01/2013	09:46
130041-MW-1-45FT	460-51333-18	z19202.d	03/01/2013	10:10
	LCS 460-149066/2-A	z19208.d	03/01/2013	12:37
130041-MW-9S-40FT	460-51333-19	z19209.d	03/01/2013	13:01
130041-MW-7D-55FT	460-51333-21	z19210.d	03/01/2013	13:26

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: x34589.d DFTPP Injection Date: 02/26/2013

Instrument ID: BNAMS5 DFTPP Injection Time: 09:26

Analysis Batch No.: 148948

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	44.8	
68	Less than 2.0 % of mass 69	0.8	(1.7)1
69	Mass 69 relative abundance	43.7	
70	Less than 2.0 % of mass 69	0.3	(0.7)1
127	40.0 - 60.0 % of mass 198	52.1	
197	Less than 1.0 % of mass 198	0.6	
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	26.9	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	12.1	(74.5)3
442	Greater than 40.0 % of mass 198	82.0	
443	17.0 - 23.0 % of mass 442	16.3	(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 460-148948/2	x34590.d	02/26/2013	09:42
	IC 460-148948/3	x34591.d	02/26/2013	10:06
	IC 460-148948/4	x34592.d	02/26/2013	10:29
	IC 460-148948/5	x34593.d	02/26/2013	10:53
	IC 460-148948/6	x34594.d	02/26/2013	11:16
	IC 460-148948/7	x34595.d	02/26/2013	11:40

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: x34674.d DFTPP Injection Date: 02/28/2013

Instrument ID: BNAMS5 DFTPP Injection Time: 00:48

Analysis Batch No.: 149088

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.9	
68	Less than 2.0 % of mass 69	0.8	(1.8)1
69	Mass 69 relative abundance	42.4	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	52.1	
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	6.5	
275	10.0 - 30.0 % of mass 198	27.2	
365	Greater than 1.0 % of mass 198	3.7	
441	Present but less than mass 443	12.9	(80.7)3
442	Greater than 40.0 % of mass 198	85.6	
443	17.0 - 23.0 % of mass 442	16.0	(18.7)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 460-149088/2	x34675.d	02/28/2013	01:11
	LCS 460-148840/2-A	x34676.d	02/28/2013	01:37
	MB 460-148840/1-A	x34677.d	02/28/2013	02:01
130041-MW9D-80FT	460-51333-9	x34683.d	02/28/2013	04:24
130041-MW9D-80FT MS	460-51333-9 MS	x34684.d	02/28/2013	04:47
130041-MW9D-80FT MSD	460-51333-9 MSD	x34685.d	02/28/2013	05:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab File ID: x34701.d DFTPP Injection Date: 02/28/2013

Instrument ID: BNAMS5 DFTPP Injection Time: 12:36

Analysis Batch No.: 149146

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.7	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	42.1	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	52.9	
197	Less than 1.0 % of mass 198	0.3	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	28.0	
365	Greater than 1.0 % of mass 198	4.4	
441	Present but less than mass 443	12.7	(71.9)3
442	Greater than 40.0 % of mass 198	88.5	
443	17.0 - 23.0 % of mass 442	17.7	(20.0)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 460-149146/2	x34702.d	02/28/2013	12:55
130041-MW10R-45FT	460-51333-1	x34709.d	02/28/2013	15:54
130041-MW8S-50FT	460-51333-3	x34710.d	02/28/2013	16:18
130041-MW-2-45FT	460-51333-6	x34711.d	02/28/2013	16:42
130041-MW-4-45FT	460-51333-7	x34712.d	02/28/2013	17:06
130041-MW8D-58FT	460-51333-10	x34713.d	02/28/2013	17:30
130041-MW7S-40FT	460-51333-12	x34714.d	02/28/2013	17:54
130041-MW11R-45FT	460-51333-13	x34715.d	02/28/2013	18:17
130041-MW-3-45FT	460-51333-4	x34724.d	02/28/2013	21:52

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-149265/2 Date Analyzed: 03/01/2013 03:53

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z19187.d Heated Purge: (Y/N) N

Calibration ID: 20311

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		234787	4.26	858008	5.54	407984	7.30
UPPER LIMIT		469574	4.76	1716016	6.04	815968	7.80
LOWER LIMIT		117394	3.76	429004	5.04	203992	6.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-149066/3-A		216025	4.25	756256	5.54	329478	7.29
MB 460-149066/1-A		245539	4.25	936019	5.53	465630	7.28
460-51333-15	130041-MW-5-45FT	243243	4.24	930837	5.53	453759	7.28
460-51333-16	130041-MW-6-55FT	243259	4.24	928908	5.53	445903	7.28
460-51333-18	130041-MW-1-45FT	254959	4.25	966292	5.53	462627	7.28
LCS 460-149066/2-A		229988	4.25	827168	5.54	386838	7.29
460-51333-19	130041-MW-9S-40FT	221354	4.24	813131	5.53	389416	7.28
460-51333-21	130041-MW-7D-55FT	215919	4.24	805254	5.53	390096	7.28

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-149265/2 Date Analyzed: 03/01/2013 03:53

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z19187.d Heated Purge: (Y/N) N

Calibration ID: 20311

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		504470	8.76	220300	11.51	149115	13.41
UPPER LIMIT		1008940	9.26	440600	12.01	298230	13.91
LOWER LIMIT		252235	8.26	110150	11.01	74558	12.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-149066/3-A		369247	8.75	154941	11.50	127262	13.40
MB 460-149066/1-A		568451	8.75	207654	11.50	131803	13.40
460-51333-15	130041-MW-5-45FT	564329	8.75	246408	11.50	165578	13.40
460-51333-16	130041-MW-6-55FT	539471	8.75	194172	11.50	132905	13.40
460-51333-18	130041-MW-1-45FT	557579	8.75	200593	11.50	142748	13.40
LCS 460-149066/2-A		447891	8.75	219209	11.50	173481	13.40
460-51333-19	130041-MW-9S-40FT	460160	8.75	167018	11.50	121053	13.40
460-51333-21	130041-MW-7D-55FT	478371	8.75	175158	11.50	118736	13.40

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-149088/2 Date Analyzed: 02/28/2013 01:11

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x34675.d Heated Purge: (Y/N) N

Calibration ID: 20497

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		636940	3.99	2114483	5.27	899241	7.03
UPPER LIMIT		1273880	4.49	4228966	5.77	1798482	7.53
LOWER LIMIT		318470	3.49	1057242	4.77	449621	6.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-148840/2-A		795294	3.99	2765381	5.27	1262055	7.03
MB 460-148840/1-A		707687	3.99	2485766	5.27	1159488	7.02
460-51333-9	130041-MW9D-80FT	649274	3.99	2266081	5.27	1037366	7.02
460-51333-9 MS	130041-MW9D-80FT MS	732795	3.99	2488393	5.28	1087609	7.03
460-51333-9 MSD	130041-MW9D-80FT MSD	666836	3.99	2340692	5.28	1074111	7.03

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-149088/2 Date Analyzed: 02/28/2013 01:11

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x34675.d Heated Purge: (Y/N) N

Calibration ID: 20497

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1105694	8.48	625780	11.17	497279	12.99
UPPER LIMIT		2211388	8.98	1251560	11.67	994558	13.49
LOWER LIMIT		552847	7.98	312890	10.67	248640	12.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-148840/2-A		1524239	8.48	803612	11.17	638104	12.99
MB 460-148840/1-A		1424726	8.47	691852	11.16	528425	12.98
460-51333-9	130041-MW9D-80FT	1269420	8.47	631130	11.16	477046	12.98
460-51333-9 MS	130041-MW9D-80FT MS	1287188	8.48	758688	11.17	656456	12.99
460-51333-9 MSD	130041-MW9D-80FT MSD	1307875	8.48	719093	11.17	563830	12.99

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-149146/2 Date Analyzed: 02/28/2013 12:55

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x34702.d Heated Purge: (Y/N) N

Calibration ID: 20497

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		475311	3.96	1555780	5.25	698311	7.00
UPPER LIMIT		950622	4.46	3111560	5.75	1396622	7.50
LOWER LIMIT		237656	3.46	777890	4.75	349156	6.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-51333-1	130041-MW10R-45FT	592787	3.96	2059876	5.24	936235	7.00
460-51333-3	130041-MW8S-50FT	511830	3.96	1789028	5.24	809349	7.00
460-51333-6	130041-MW-2-45FT	566643	3.96	1975292	5.24	922664	7.00
460-51333-7	130041-MW-4-45FT	487119	3.96	1693423	5.24	784359	7.00
460-51333-10	130041-MW8D-58FT	553077	3.96	1938003	5.24	891457	7.00
460-51333-12	130041-MW7S-40FT	582747	3.96	2005473	5.24	898718	7.00
460-51333-13	130041-MW11R-45FT	468332	3.96	1616387	5.24	738811	6.99
460-51333-4	130041-MW-3-45FT	587132	3.96	2045458	5.24	937236	7.00

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVIS 460-149146/2 Date Analyzed: 02/28/2013 12:55

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x34702.d Heated Purge: (Y/N) N

Calibration ID: 20497

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		912168	8.46	557460	11.14	420316	12.96
UPPER LIMIT		1824336	8.96	1114920	11.64	840632	13.46
LOWER LIMIT		456084	7.96	278730	10.64	210158	12.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-51333-1	130041-MW10R-45FT	1212003	8.45	673152	11.13	524077	12.95
460-51333-3	130041-MW8S-50FT	1047319	8.45	613510	11.13	467343	12.95
460-51333-6	130041-MW-2-45FT	1155088	8.45	630913	11.13	477628	12.95
460-51333-7	130041-MW-4-45FT	1048497	8.45	672796	11.14	515189	12.95
460-51333-10	130041-MW8D-58FT	1166248	8.45	665648	11.13	496557	12.95
460-51333-12	130041-MW7S-40FT	1162631	8.45	719684	11.14	557224	12.95
460-51333-13	130041-MW11R-45FT	975809	8.45	591935	11.13	457208	12.95
460-51333-4	130041-MW-3-45FT	1218462	8.45	707606	11.13	536234	12.95

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT | Lab Sample ID: 460-51333-1

Matrix: Water | Lab File ID: x34709.d

Analysis Method: 8270C | Date Collected: 02/25/2013 13:42

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 15:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT | Lab Sample ID: 460-51333-1

Matrix: Water | Lab File ID: x34709.d

Analysis Method: 8270C | Date Collected: 02/25/2013 13:42

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 15:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.27	J	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT | Lab Sample ID: 460-51333-1

Matrix: Water | Lab File ID: x34709.d

Analysis Method: 8270C | Date Collected: 02/25/2013 13:42

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 15:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	39		10-65
321-60-8	2-Fluorobiphenyl	82		53-108
4165-62-2	Phenol-d5	28		10-48
4165-60-0	Nitrobenzene-d5	94		56-112
118-79-6	2,4,6-Tribromophenol	92		46-122
1718-51-0	Terphenyl-d14	80		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34709.d
Report Date: 01-Mar-2013 09:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34709.d
Lab Smp Id: 460-51333-G-1-A Client Smp ID: 130041-MW10R-45FT
Inj Date : 28-FEB-2013 15:54
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-G-1-A
Misc Info : 460-51333-G-1-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.692	2.692	(0.680)	394607	19.5907	37
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	323978	14.0505	27
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	592787	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.521	4.527	(0.862)	928849	47.1269	90
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	2059876	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.338	6.338	(0.906)	1421104	41.2222	78
* 82 Acenaphthene-d10	164	6.997	6.997	(1.000)	936235	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.780	(1.111)	169257	45.8742	87
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	1212003	40.0000	
$ 78 Terphenyl-d14	244	10.026	10.026	(0.901)	823295	39.8527	76
61 Benzo(a)anthracene	228	11.132	11.132	(1.000)	3011	0.14119	0.27(a)
* 81 Chrysene-d12	240	11.132	11.144	(1.000)	673152	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	524077	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34709.d
Report Date: 01-Mar-2013 09:40

QC Flag Legend

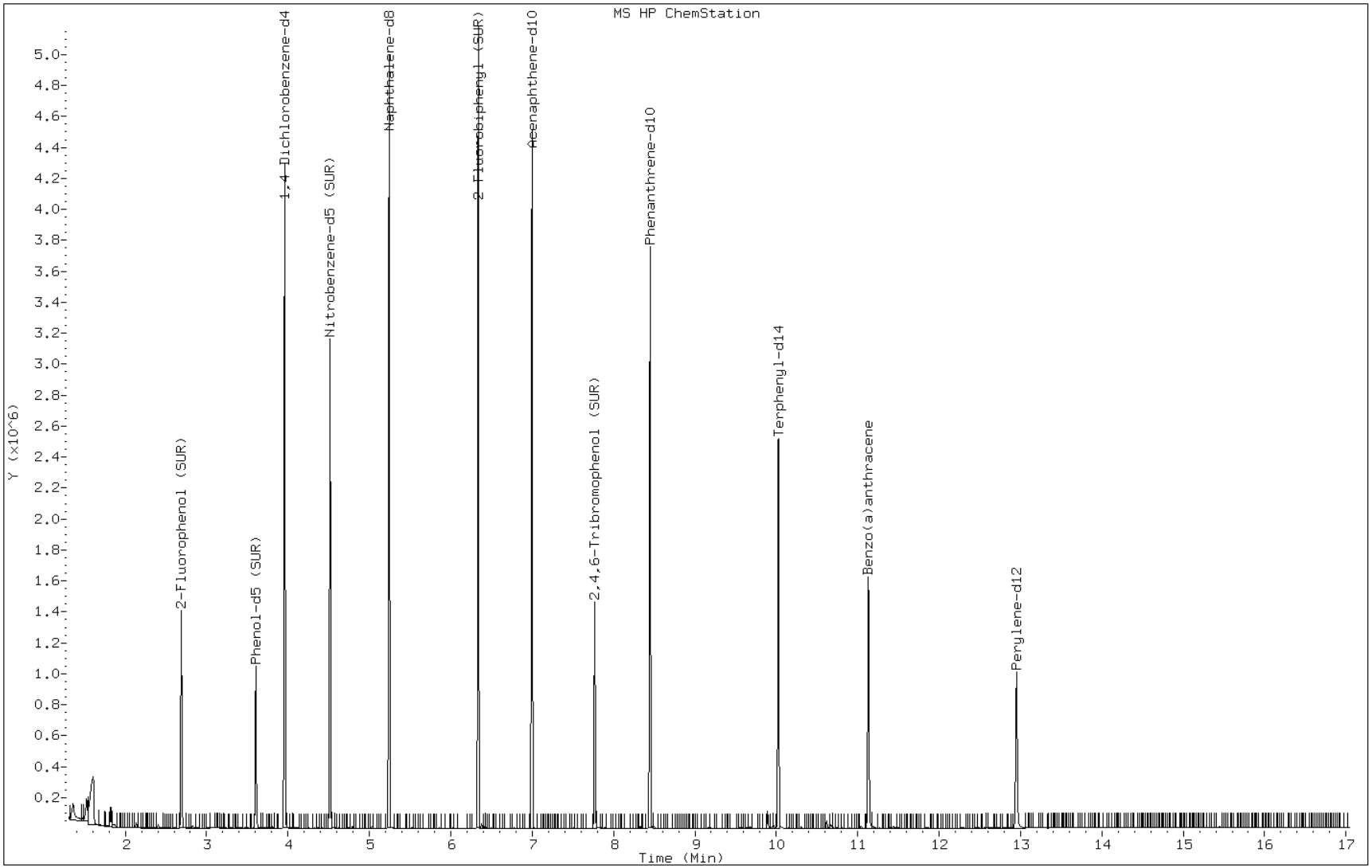
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x34709.d

Date: 28-FEB-2013 15:54

Client ID: 130041-MW10R-45FT Instrument: BNAMS5.i

Sample Info: 460-51333-G-1-A Operator: BNAMS 4



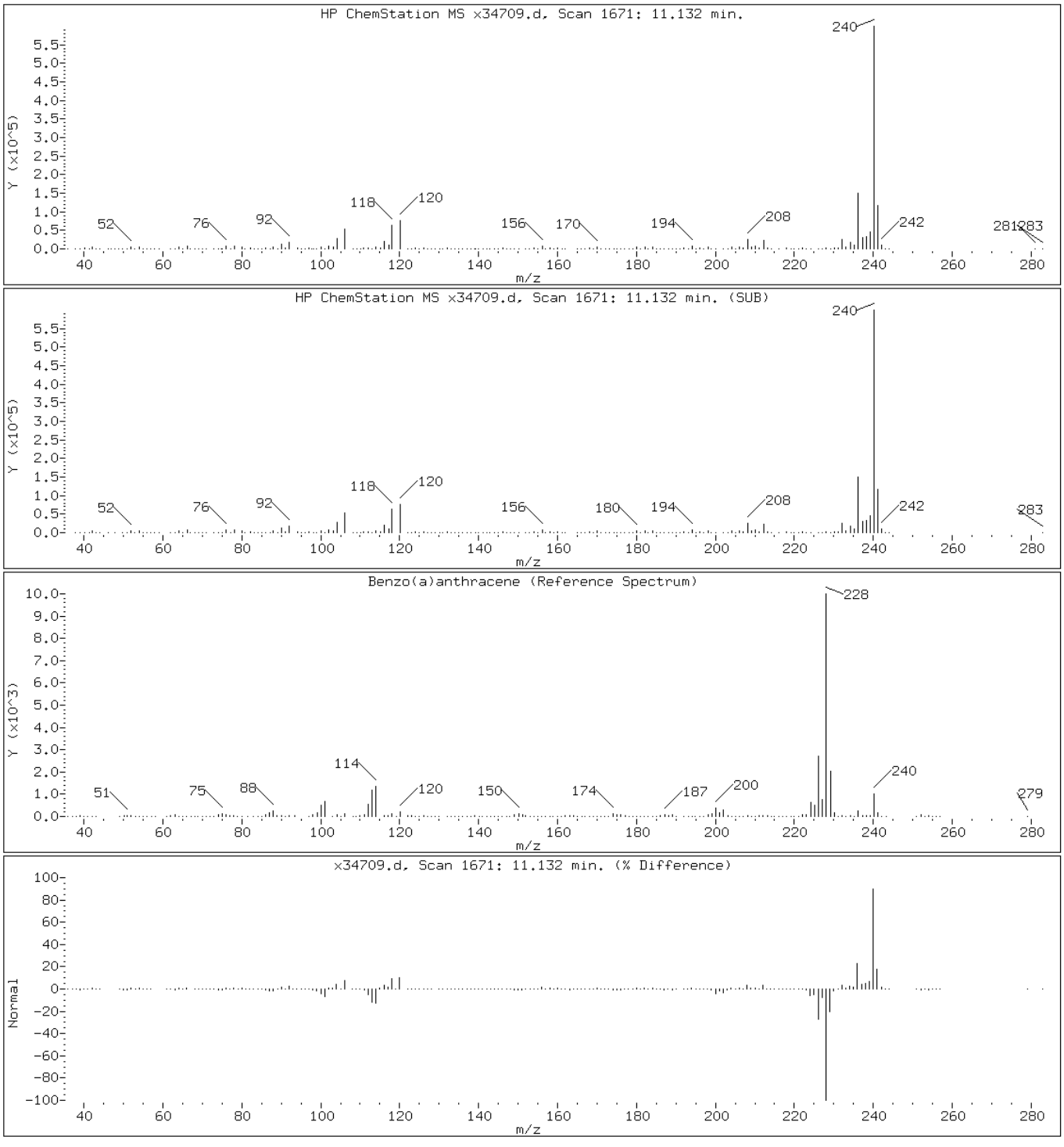
Data File: x34709.d

Date: 28-FEB-2013 15:54

Client ID: 130041-MW10R-45FT Instrument: BNAMS5.i

Sample Info: 460-51333-G-1-A Operator: BNAMS 4

61 Benzo(a)anthracene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8S-50FT | Lab Sample ID: 460-51333-3

Matrix: Water | Lab File ID: x34710.d

Analysis Method: 8270C | Date Collected: 02/25/2013 15:19

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 16:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8S-50FT | Lab Sample ID: 460-51333-3

Matrix: Water | Lab File ID: x34710.d

Analysis Method: 8270C | Date Collected: 02/25/2013 15:19

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 16:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8S-50FT | Lab Sample ID: 460-51333-3

Matrix: Water | Lab File ID: x34710.d

Analysis Method: 8270C | Date Collected: 02/25/2013 15:19

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 16:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	53		10-65
321-60-8	2-Fluorobiphenyl	93		53-108
4165-62-2	Phenol-d5	40		10-48
4165-60-0	Nitrobenzene-d5	102		56-112
118-79-6	2,4,6-Tribromophenol	102		46-122
1718-51-0	Terphenyl-d14	90		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34710.d
Report Date: 08-Mar-2013 10:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34710.d
Lab Smp Id: 460-51333-I-3-A Client Smp ID: 130041-MW8S-50FT
Inj Date : 28-FEB-2013 16:18
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-I-3-A
Misc Info : 460-51333-I-3-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

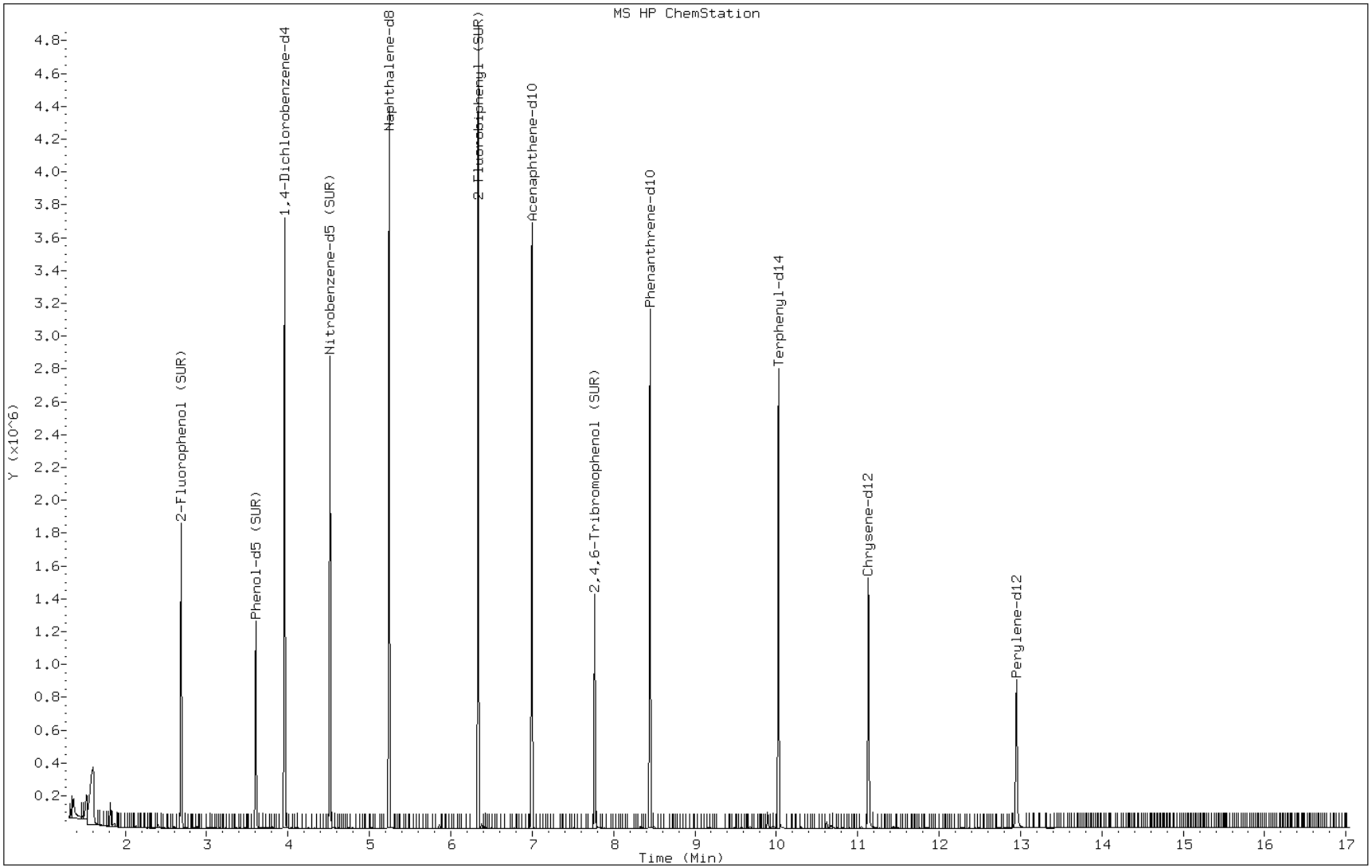
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.686	2.692	(0.679)	464490	26.7076	51
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	396635	19.9224	38
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	511830	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.521	4.527	(0.862)	870110	50.8302	97
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	1789028	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.338	6.338	(0.906)	1384719	46.4639	88
* 82 Acenaphthene-d10	164	6.997	6.997	(1.000)	809349	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.780	(1.111)	163290	51.1954	98
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	1047319	40.0000	
$ 78 Terphenyl-d14	244	10.026	10.026	(0.901)	851965	45.2496	86
* 81 Chrysene-d12	240	11.132	11.144	(1.000)	613510	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	467343	40.0000	

Data File: x34710.d

Date: 28-FEB-2013 16:18

Client ID: 130041-MW8S-50FT Instrument: BNAMS5.i

Sample Info: 460-51333-I-3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT | Lab Sample ID: 460-51333-4

Matrix: Water | Lab File ID: x34724.d

Analysis Method: 8270C | Date Collected: 02/25/2013 18:25

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 21:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT | Lab Sample ID: 460-51333-4

Matrix: Water | Lab File ID: x34724.d

Analysis Method: 8270C | Date Collected: 02/25/2013 18:25

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 21:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT | Lab Sample ID: 460-51333-4

Matrix: Water | Lab File ID: x34724.d

Analysis Method: 8270C | Date Collected: 02/25/2013 18:25

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 21:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	36		10-65
321-60-8	2-Fluorobiphenyl	77		53-108
4165-62-2	Phenol-d5	24		10-48
4165-60-0	Nitrobenzene-d5	85		56-112
118-79-6	2,4,6-Tribromophenol	91		46-122
1718-51-0	Terphenyl-d14	77		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34724.d
Report Date: 08-Mar-2013 10:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34724.d
Lab Smp Id: 460-51333-G-4-A Client Smp ID: 130041-MW-3-45FT
Inj Date : 28-FEB-2013 21:52
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-G-4-A
Misc Info : 460-51333-G-4-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

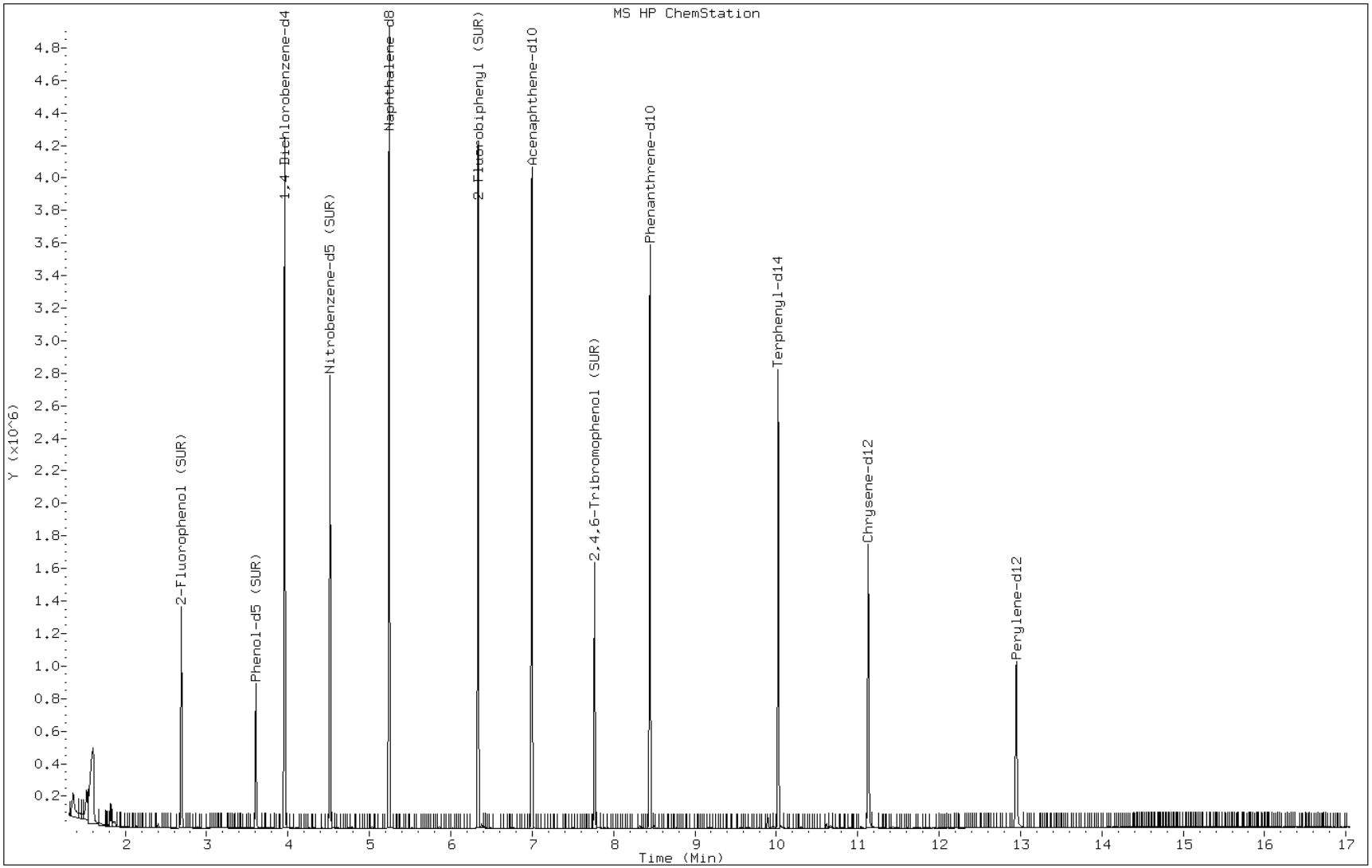
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.692	2.692	(0.680)	360297	18.0597	34
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	276831	12.1215	23
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	587132	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.521	4.527	(0.862)	835204	42.6744	81
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	2045458	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.338	6.338	(0.906)	1324689	38.3844	73
* 82 Acenaphthene-d10	164	6.997	6.997	(1.000)	937236	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.768	7.780	(1.110)	168514	45.6241	87
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	1218462	40.0000	
$ 78 Terphenyl-d14	244	10.021	10.026	(0.900)	840450	38.7022	74
* 81 Chrysene-d12	240	11.132	11.144	(1.000)	707606	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	536234	40.0000	

Data File: x34724.d

Date: 28-FEB-2013 21:52

Client ID: 130041-MW-3-45FT Instrument: BNAMS5.i

Sample Info: 460-51333-G-4-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT | Lab Sample ID: 460-51333-6

Matrix: Water | Lab File ID: x34711.d

Analysis Method: 8270C | Date Collected: 02/25/2013 16:22

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 16:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT | Lab Sample ID: 460-51333-6

Matrix: Water | Lab File ID: x34711.d

Analysis Method: 8270C | Date Collected: 02/25/2013 16:22

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 16:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT | Lab Sample ID: 460-51333-6

Matrix: Water | Lab File ID: x34711.d

Analysis Method: 8270C | Date Collected: 02/25/2013 16:22

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 16:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	43		10-65
321-60-8	2-Fluorobiphenyl	84		53-108
4165-62-2	Phenol-d5	26		10-48
4165-60-0	Nitrobenzene-d5	94		56-112
118-79-6	2,4,6-Tribromophenol	95		46-122
1718-51-0	Terphenyl-d14	84		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34711.d
Report Date: 01-Mar-2013 09:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34711.d
Lab Smp Id: 460-51333-G-6-A Client Smp ID: 130041-MW-2-45FT
Inj Date : 28-FEB-2013 16:42
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-G-6-A
Misc Info : 460-51333-G-6-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.692	2.692	(0.680)	413472	21.4744	41
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	289956	13.1552	25
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	566643	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.521	4.527	(0.862)	885051	46.8276	89
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	1975292	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.339	6.338	(0.906)	1423189	41.8899	80
* 82 Acenaphthene-d10	164	6.997	6.997	(1.000)	922664	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.780	(1.111)	172380	47.4078	90
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	1155088	40.0000	
$ 78 Terphenyl-d14	244	10.021	10.026	(0.900)	808918	41.7782	80
61 Benzo(a)anthracene	228	11.132	11.132	(1.000)	2337	0.11692	0.22(aH)
* 81 Chrysene-d12	240	11.132	11.144	(1.000)	630913	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	477628	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34711.d
Report Date: 01-Mar-2013 09:43

QC Flag Legend

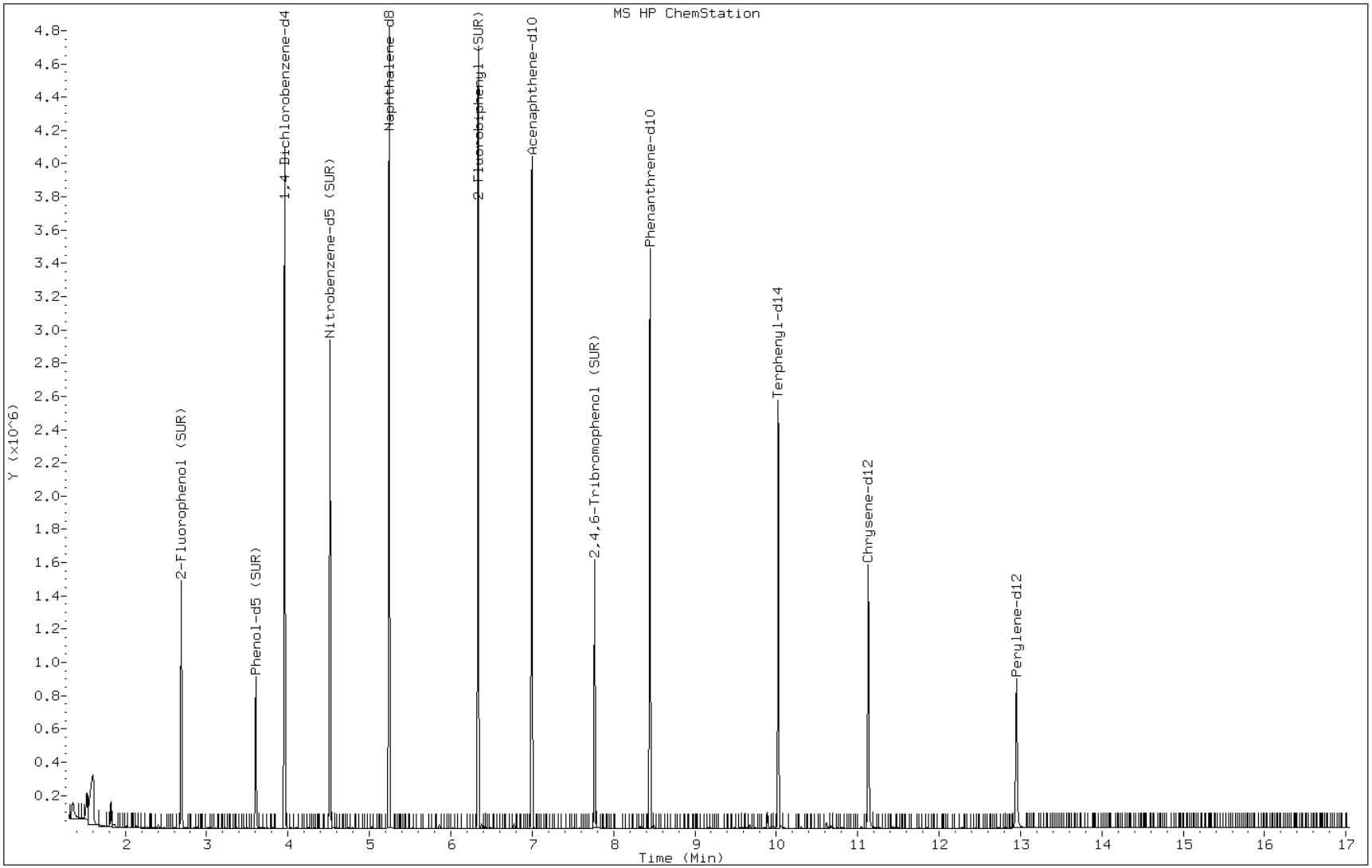
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x34711.d

Date: 28-FEB-2013 16:42

Client ID: 130041-MW-2-45FT Instrument: BNAMS5.i

Sample Info: 460-51333-G-6-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT | Lab Sample ID: 460-51333-7

Matrix: Water | Lab File ID: x34712.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:39

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT | Lab Sample ID: 460-51333-7

Matrix: Water | Lab File ID: x34712.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:39

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT | Lab Sample ID: 460-51333-7

Matrix: Water | Lab File ID: x34712.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:39

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	40		10-65
321-60-8	2-Fluorobiphenyl	85		53-108
4165-62-2	Phenol-d5	26		10-48
4165-60-0	Nitrobenzene-d5	93		56-112
118-79-6	2,4,6-Tribromophenol	97		46-122
1718-51-0	Terphenyl-d14	81		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34712.d
Report Date: 08-Mar-2013 10:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34712.d
Lab Smp Id: 460-51333-G-7-A Client Smp ID: 130041-MW-4-45FT
Inj Date : 28-FEB-2013 17:06
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-G-7-A
Misc Info : 460-51333-G-7-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

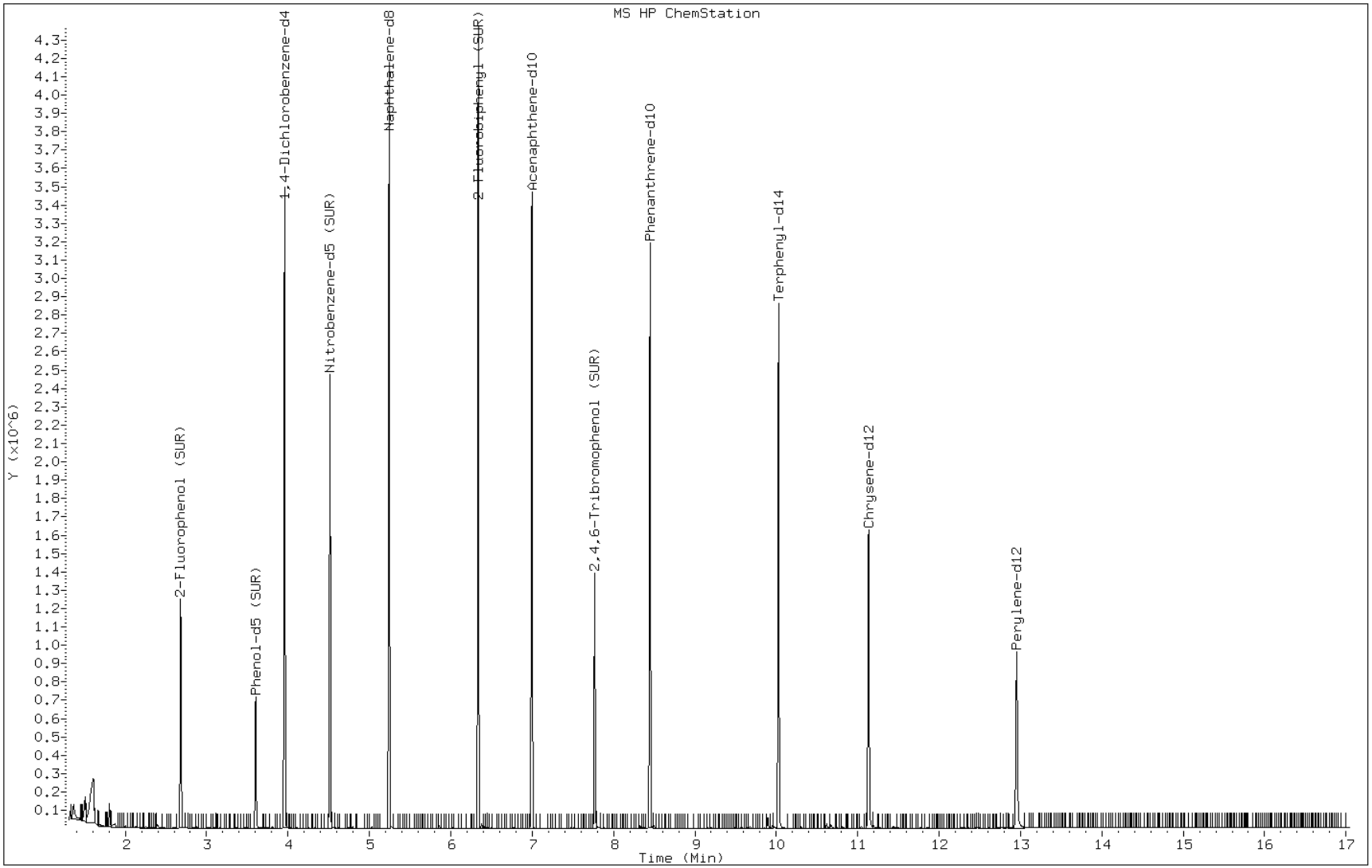
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.680	2.692	(0.677)	329048	19.8797	38
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	246800	13.0253	25
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	487119	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.521	4.527	(0.862)	756460	46.6859	89
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	1693423	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.339	6.338	(0.906)	1229626	42.5744	81
* 82 Acenaphthene-d10	164	6.997	6.997	(1.000)	784359	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.780	(1.111)	150230	48.6014	92
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	1048497	40.0000	
$ 78 Terphenyl-d14	244	10.027	10.026	(0.900)	837489	40.5612	77
* 81 Chrysene-d12	240	11.138	11.144	(1.000)	672796	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	515189	40.0000	

Data File: x34712.d

Date: 28-FEB-2013 17:06

Client ID: 130041-MW-4-45FT Instrument: BNAMS5.i

Sample Info: 460-51333-G-7-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT | Lab Sample ID: 460-51333-9

Matrix: Water | Lab File ID: x34683.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 04:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT | Lab Sample ID: 460-51333-9

Matrix: Water | Lab File ID: x34683.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 04:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT | Lab Sample ID: 460-51333-9

Matrix: Water | Lab File ID: x34683.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 04:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	39		10-65
321-60-8	2-Fluorobiphenyl	83		53-108
4165-62-2	Phenol-d5	25		10-48
4165-60-0	Nitrobenzene-d5	87		56-112
118-79-6	2,4,6-Tribromophenol	89		46-122
1718-51-0	Terphenyl-d14	81		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34683.d
Report Date: 28-Feb-2013 11:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34683.d
Lab Smp Id: 460-51333-H-9-A Client Smp ID: 130041-MW9D-80FT
Inj Date : 28-FEB-2013 04:24
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-H-9-A
Misc Info : 460-51333-H-9-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/8270C_11.m
Meth Date : 28-Feb-2013 01:27 asfawa Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.427	1.415	(0.358)	2598	0.29437	0.56(a)
$ 16 2-Fluorophenol (SUR)	112	2.721	2.727	(0.683)	425886	19.3041	37
$ 17 Phenol-d5 (SUR)	99	3.627	3.656	(0.910)	310875	12.3093	23
* 79 1,4-Dichlorobenzene-d4	152	3.986	3.986	(1.000)	649274	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.544	4.556	(0.863)	944967	43.5819	83
* 80 Naphthalene-d8	136	5.268	5.274	(1.000)	2266081	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.362	6.368	(0.906)	1586376	41.5302	79
* 82 Acenaphthene-d10	164	7.021	7.027	(1.000)	1037366	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.797	7.803	(1.111)	181868	44.4868	85
* 83 Phenanthrene-d10	188	8.473	8.479	(1.000)	1269420	40.0000	
$ 78 Terphenyl-d14	244	10.044	10.044	(0.900)	788631	40.7165	78
* 81 Chrysene-d12	240	11.162	11.168	(1.000)	631130	40.0000	
* 84 Perylene-d12	264	12.979	12.985	(1.000)	477046	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34683.d
Report Date: 28-Feb-2013 11:05

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x34683.d

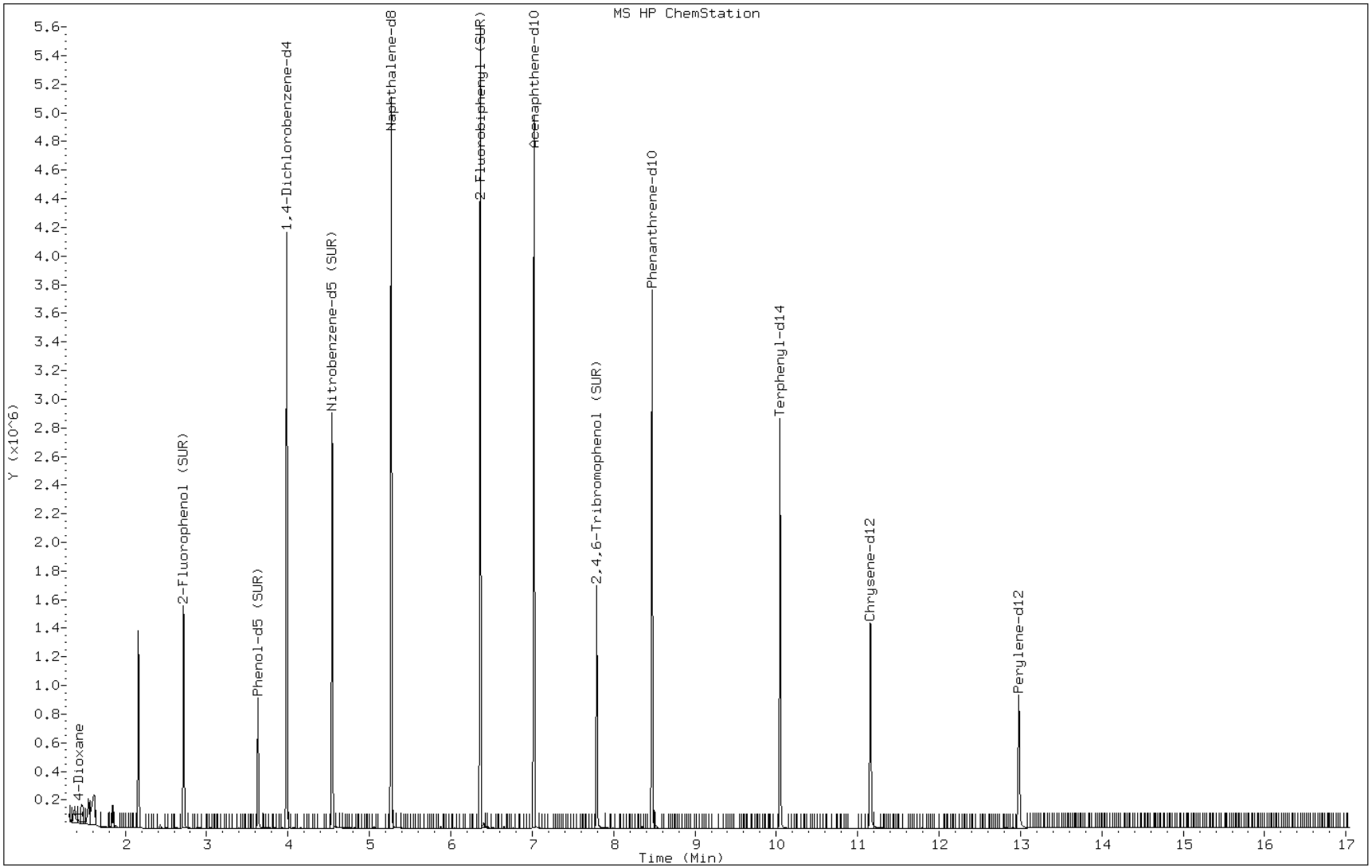
Date: 28-FEB-2013 04:24

Client ID: 130041-MW9D-80FT

Instrument: BNAMS5.i

Sample Info: 460-51333-H-9-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8D-58FT | Lab Sample ID: 460-51333-10

Matrix: Water | Lab File ID: x34713.d

Analysis Method: 8270C | Date Collected: 02/25/2013 16:02

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8D-58FT | Lab Sample ID: 460-51333-10

Matrix: Water | Lab File ID: x34713.d

Analysis Method: 8270C | Date Collected: 02/25/2013 16:02

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8D-58FT | Lab Sample ID: 460-51333-10

Matrix: Water | Lab File ID: x34713.d

Analysis Method: 8270C | Date Collected: 02/25/2013 16:02

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	47		10-65
321-60-8	2-Fluorobiphenyl	90		53-108
4165-62-2	Phenol-d5	31		10-48
4165-60-0	Nitrobenzene-d5	99		56-112
118-79-6	2,4,6-Tribromophenol	102		46-122
1718-51-0	Terphenyl-d14	91		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34713.d
Report Date: 08-Mar-2013 10:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34713.d
Lab Smp Id: 460-51333-I-10-A Client Smp ID: 130041-MW8D-58FT
Inj Date : 28-FEB-2013 17:30
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-I-10-A
Misc Info : 460-51333-I-10-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

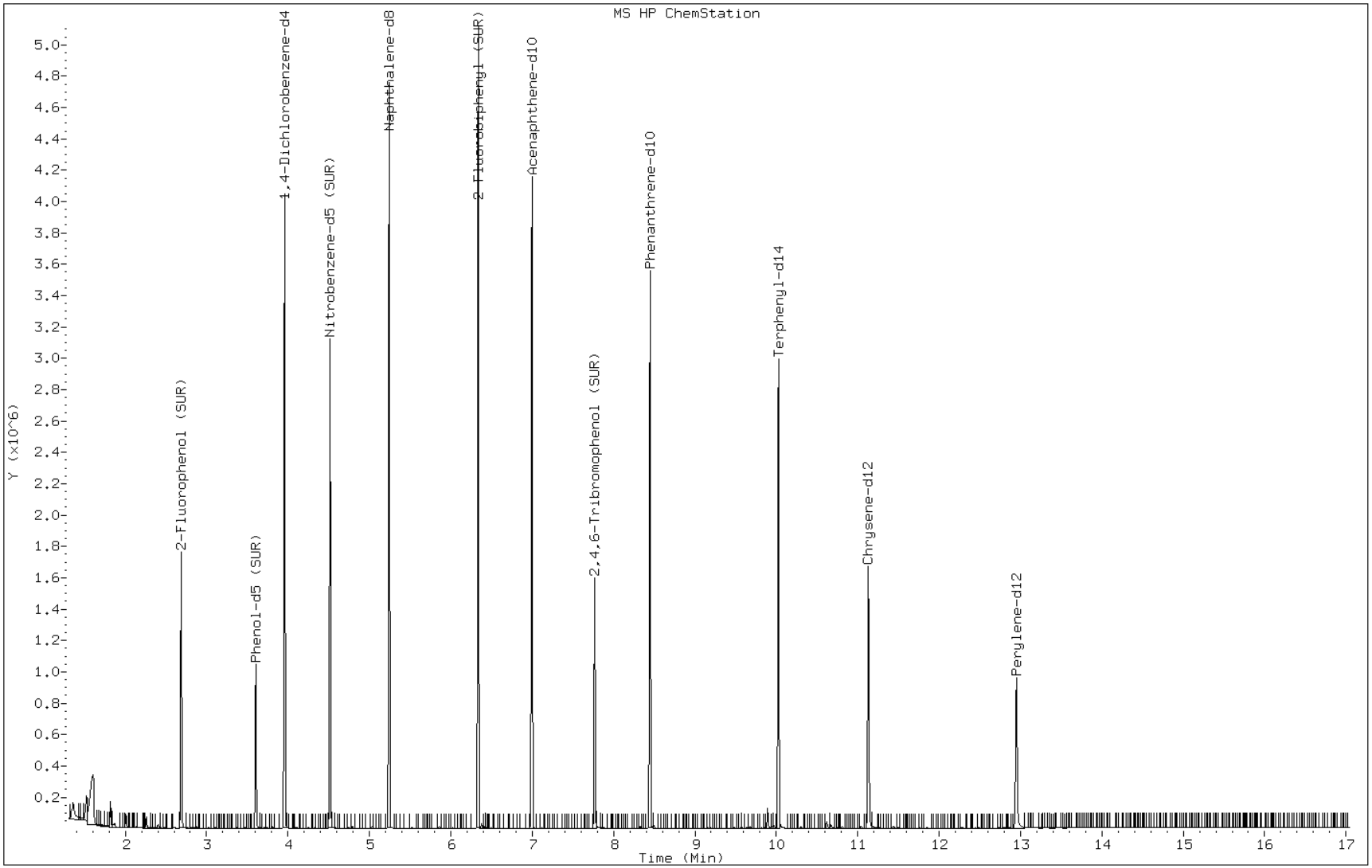
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.686	2.692	(0.679)	444212	23.6368	45
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	329510	15.3165	29
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	553077	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.521	4.527	(0.862)	919229	49.5718	94
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	1938003	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.338	6.338	(0.906)	1477112	44.9990	86
* 82 Acenaphthene-d10	164	6.997	6.997	(1.000)	891457	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.780	(1.111)	179211	51.0119	97
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	1166248	40.0000	
$ 78 Terphenyl-d14	244	10.026	10.026	(0.901)	933426	45.6931	87
* 81 Chrysene-d12	240	11.132	11.144	(1.000)	665648	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	496557	40.0000	

Data File: x34713.d

Date: 28-FEB-2013 17:30

Client ID: 130041-MW8D-58FT Instrument: BNAMS5.i

Sample Info: 460-51333-I-10-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW7S-40FT | Lab Sample ID: 460-51333-12

Matrix: Water | Lab File ID: x34714.d

Analysis Method: 8270C | Date Collected: 02/25/2013 10:36

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW7S-40FT | Lab Sample ID: 460-51333-12

Matrix: Water | Lab File ID: x34714.d

Analysis Method: 8270C | Date Collected: 02/25/2013 10:36

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW7S-40FT | Lab Sample ID: 460-51333-12

Matrix: Water | Lab File ID: x34714.d

Analysis Method: 8270C | Date Collected: 02/25/2013 10:36

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 17:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	41		10-65
321-60-8	2-Fluorobiphenyl	84		53-108
4165-62-2	Phenol-d5	28		10-48
4165-60-0	Nitrobenzene-d5	89		56-112
118-79-6	2,4,6-Tribromophenol	94		46-122
1718-51-0	Terphenyl-d14	79		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34714.d
Report Date: 01-Mar-2013 09:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34714.d
Lab Smp Id: 460-51333-F-12-A Client Smp ID: 130041-MW7S-40FT
Inj Date : 28-FEB-2013 17:54
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-F-12-A
Misc Info : 460-51333-F-12-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

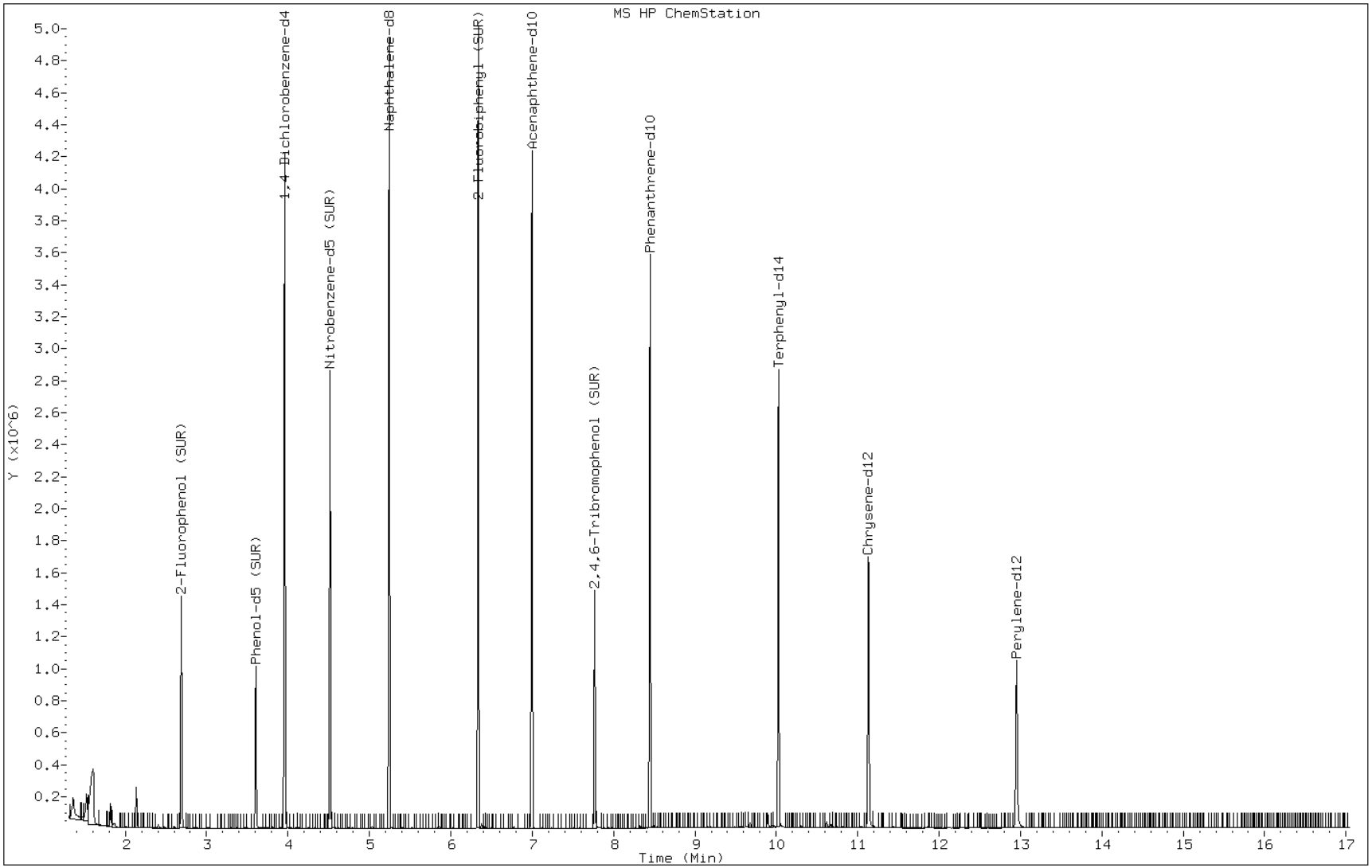
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.692	2.692	(0.680)	410565	20.7342	39
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	313763	13.8420	26
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	582747	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.521	4.527	(0.862)	852731	44.4386	85
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	2005473	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.338	6.338	(0.906)	1382149	41.7659	80
* 82 Acenaphthene-d10	164	6.997	6.997	(1.000)	898718	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.780	(1.111)	167143	47.1923	90
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	1162631	40.0000	
$ 78 Terphenyl-d14	244	10.026	10.026	(0.900)	875155	39.6240	75
* 81 Chrysene-d12	240	11.138	11.144	(1.000)	719684	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	557224	40.0000	

Data File: x34714.d

Date: 28-FEB-2013 17:54

Client ID: 130041-MW7S-40FT Instrument: BNAMS5.i

Sample Info: 460-51333-F-12-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT | Lab Sample ID: 460-51333-13

Matrix: Water | Lab File ID: x34715.d

Analysis Method: 8270C | Date Collected: 02/25/2013 12:36

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 18:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	9.5	U	9.5	1.9
108-95-2	Phenol	9.5	U	9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	0.95	U	0.95	0.27
95-57-8	2-Chlorophenol	9.5	U	9.5	2.1
95-48-7	2-Methylphenol	9.5	U	9.5	1.7
98-86-2	Acetophenone	9.5	U	9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	0.95	U	0.95	0.24
67-72-1	Hexachloroethane	0.95	U	0.95	0.24
98-95-3	Nitrobenzene	0.95	U	0.95	0.29
78-59-1	Isophorone	9.5	U	9.5	2.6
88-75-5	2-Nitrophenol	9.5	U	9.5	2.3
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	9.5	U	9.5	2.5
120-83-2	2,4-Dichlorophenol	9.5	U	9.5	2.5
91-20-3	Naphthalene	9.5	U	9.5	2.6
106-47-8	4-Chloroaniline	9.5	U	9.5	1.9
87-68-3	Hexachlorobutadiene	1.9	U	1.9	0.54
105-60-2	Caprolactam	9.5	U	9.5	2.4
59-50-7	4-Chloro-3-methylphenol	9.5	U	9.5	2.4
91-57-6	2-Methylnaphthalene	9.5	U	9.5	2.9
77-47-4	Hexachlorocyclopentadiene	9.5	U	9.5	1.6
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	2.3
95-95-4	2,4,5-Trichlorophenol	9.5	U	9.5	2.5
91-58-7	2-Chloronaphthalene	9.5	U	9.5	2.6
88-74-4	2-Nitroaniline	19	U *	19	4.7
131-11-3	Dimethyl phthalate	9.5	U	9.5	2.7
208-96-8	Acenaphthylene	9.5	U	9.5	2.6
606-20-2	2,6-Dinitrotoluene	1.9	U	1.9	0.58
99-09-2	3-Nitroaniline	19	U	19	4.8
83-32-9	Acenaphthene	9.5	U	9.5	2.6
51-28-5	2,4-Dinitrophenol	29	U	29	5.1
100-02-7	4-Nitrophenol	29	U	29	6.4
132-64-9	Dibenzofuran	9.5	U	9.5	2.7
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT | Lab Sample ID: 460-51333-13

Matrix: Water | Lab File ID: x34715.d

Analysis Method: 8270C | Date Collected: 02/25/2013 12:36

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 18:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	9.5	U	9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	9.5	U	9.5	2.4
86-73-7	Fluorene	9.5	U	9.5	2.7
100-01-6	4-Nitroaniline	19	U	19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	4.5
86-30-6	N-Nitrosodiphenylamine	9.5	U	9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	9.5	U	9.5	2.4
118-74-1	Hexachlorobenzene	0.95	U	0.95	0.28
1912-24-9	Atrazine	9.5	U	9.5	2.9
87-86-5	Pentachlorophenol	29	U	29	5.0
85-01-8	Phenanthrene	9.5	U	9.5	3.0
120-12-7	Anthracene	9.5	U	9.5	2.7
86-74-8	Carbazole	9.5	U	9.5	3.0
84-74-2	Di-n-butyl phthalate	9.5	U	9.5	2.8
206-44-0	Fluoranthene	9.5	U	9.5	3.0
129-00-0	Pyrene	9.5	U	9.5	2.8
85-68-7	Butyl benzyl phthalate	9.5	U	9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	19	U	19	4.7
56-55-3	Benzo[a]anthracene	0.95	U	0.95	0.26
218-01-9	Chrysene	9.5	U	9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.9
117-84-0	Di-n-octyl phthalate	9.5	U	9.5	1.4
205-99-2	Benzo[b]fluoranthene	0.95	U	0.95	0.25
207-08-9	Benzo[k]fluoranthene	0.95	U	0.95	0.25
50-32-8	Benzo[a]pyrene	0.95	U	0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	0.95	U	0.95	0.14
53-70-3	Dibenz(a,h)anthracene	0.95	U	0.95	0.086
191-24-2	Benzo[g,h,i]perylene	9.5	U	9.5	1.9
92-52-4	Diphenyl	9.5	U	9.5	2.7
106-44-5	4-Methylphenol	9.5	U	9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT | Lab Sample ID: 460-51333-13

Matrix: Water | Lab File ID: x34715.d

Analysis Method: 8270C | Date Collected: 02/25/2013 12:36

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 18:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149146 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	38		10-65
321-60-8	2-Fluorobiphenyl	82		53-108
4165-62-2	Phenol-d5	27		10-48
4165-60-0	Nitrobenzene-d5	89		56-112
118-79-6	2,4,6-Tribromophenol	90		46-122
1718-51-0	Terphenyl-d14	87		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34715.d
Report Date: 01-Mar-2013 09:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34715.d
Lab Smp Id: 460-51333-I-13-A Client Smp ID: 130041-MW11R-45FT
Inj Date : 28-FEB-2013 18:17
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-I-13-A
Misc Info : 460-51333-I-13-A
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

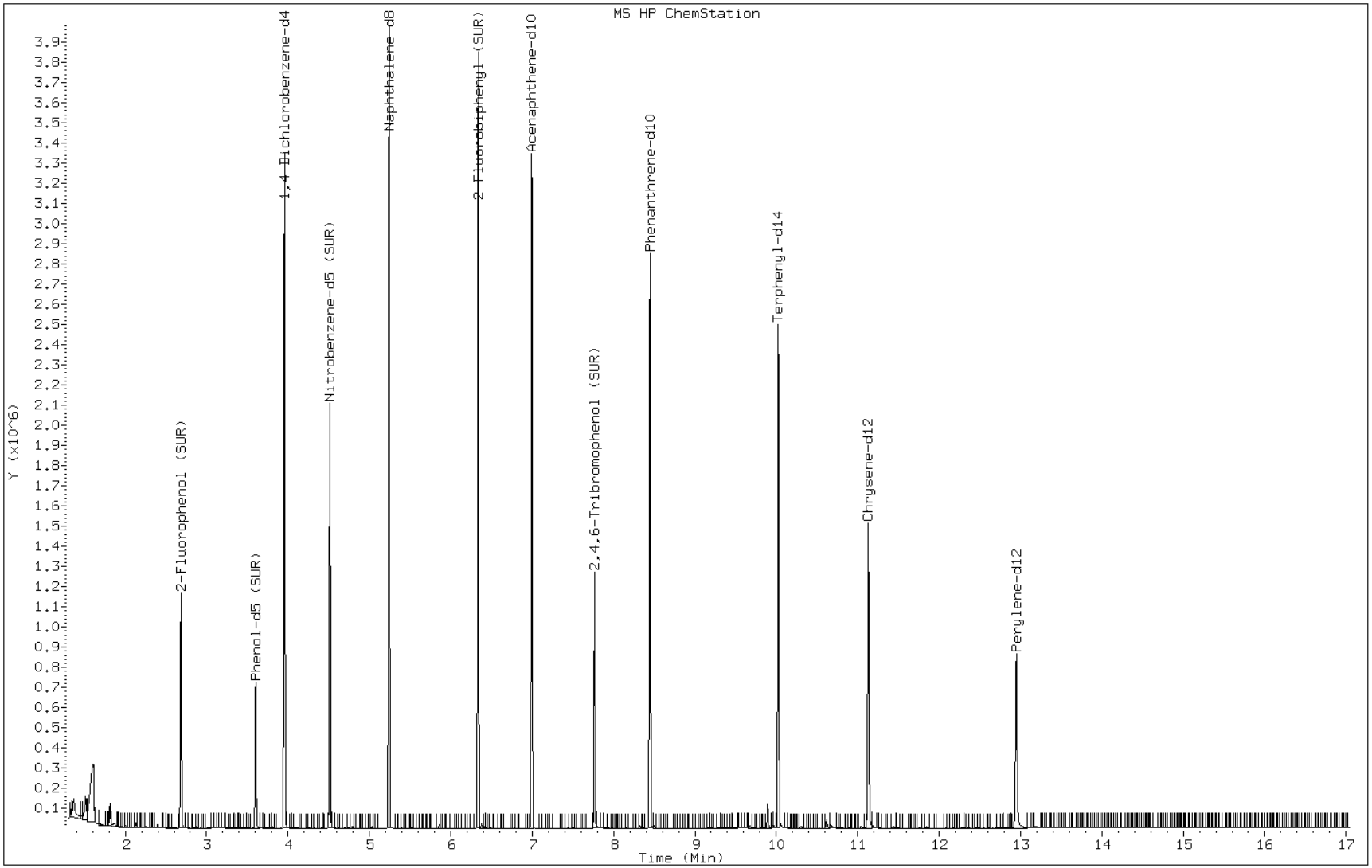
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.686	2.692	(0.679)	300733	18.8978	36
$ 17 Phenol-d5 (SUR)	99	3.603	3.621	(0.911)	248266	13.6282	26
* 79 1,4-Dichlorobenzene-d4	152	3.956	3.962	(1.000)	468332	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.515	4.527	(0.861)	691674	44.7220	85
* 80 Naphthalene-d8	136	5.244	5.250	(1.000)	1616387	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.338	6.338	(0.907)	1119211	41.1404	78
* 82 Acenaphthene-d10	164	6.991	6.997	(1.000)	738811	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.780	(1.112)	131648	45.2155	86
* 83 Phenanthrene-d10	188	8.450	8.456	(1.000)	975809	40.0000	
$ 78 Terphenyl-d14	244	10.021	10.026	(0.900)	787618	43.3567	82
* 81 Chrysene-d12	240	11.132	11.144	(1.000)	591935	40.0000	
* 84 Perylene-d12	264	12.950	12.956	(1.000)	457208	40.0000	

Data File: x34715.d

Date: 28-FEB-2013 18:17

Client ID: 130041-MW11R-45FT Instrument: BNAMS5.i

Sample Info: 460-51333-I-13-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT | Lab Sample ID: 460-51333-15

Matrix: Water | Lab File ID: z19200.d

Analysis Method: 8270C | Date Collected: 02/25/2013 14:10

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 09:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	2.0
108-95-2	Phenol	10	U	10	0.81
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	2.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
100-02-7	4-Nitrophenol	30	U	30	6.7
132-64-9	Dibenzofuran	10	U	10	2.8
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT | Lab Sample ID: 460-51333-15

Matrix: Water | Lab File ID: z19200.d

Analysis Method: 8270C | Date Collected: 02/25/2013 14:10

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 09:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
86-73-7	Fluorene	10	U	10	2.8
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
1912-24-9	Atrazine	10	U	10	3.0
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	3.2
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	0.64	J	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.3		1.0	0.26
207-08-9	Benzo[k]fluoranthene	0.66	J	1.0	0.26
50-32-8	Benzo[a]pyrene	0.92	J	1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	0.55	J	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
92-52-4	Diphenyl	10	U	10	2.8
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT | Lab Sample ID: 460-51333-15

Matrix: Water | Lab File ID: z19200.d

Analysis Method: 8270C | Date Collected: 02/25/2013 14:10

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 09:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	28		10-65
321-60-8	2-Fluorobiphenyl	85		53-108
4165-62-2	Phenol-d5	17		10-48
4165-60-0	Nitrobenzene-d5	89		56-112
118-79-6	2,4,6-Tribromophenol	85		46-122
1718-51-0	Terphenyl-d14	88		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19200.d
Report Date: 01-Mar-2013 11:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19200.d
Lab Smp Id: 460-51333-I-15-A Client Smp ID: 130041-MW-5-45FT
Inj Date : 01-MAR-2013 09:21
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-51333-I-15-A
Misc Info : 460-51333-I-15-A
Comment   :
Method   : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.973	2.979	(0.701)	125238	13.9294	28
$ 17 Phenol-d5 (SUR)	99	3.879	3.914	(0.914)	86004	8.34728	17
* 79 1,4-Dichlorobenzene-d4	152	4.244	4.255	(1.000)	243243	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.808	4.820	(0.869)	408777	44.6205	89
* 80 Naphthalene-d8	136	5.532	5.538	(1.000)	930837	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.909)	686931	42.7406	85
* 82 Acenaphthene-d10	164	7.285	7.296	(1.000)	453759	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.067	8.073	(1.107)	76994	42.7287	85
* 83 Phenanthrene-d10	188	8.749	8.755	(1.000)	564329	40.0000	
52 Phenanthrene	178	8.767	8.779	(1.002)	4225	0.26546	0.53(a)
56 Fluoranthene	202	9.937	9.949	(1.136)	10077	0.80482	1.6(a)
57 Pyrene	202	10.161	10.167	(0.884)	8436	0.63695	1.3(a)
$ 78 Terphenyl-d14	244	10.320	10.326	(0.898)	371816	43.9935	88
61 Benzo(a)anthracene	228	11.484	11.496	(0.999)	2465	0.31812	0.64(a)
* 81 Chrysene-d12	240	11.496	11.508	(1.000)	246408	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19200.d
Report Date: 01-Mar-2013 11:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	62 Chrysene	228	11.526	11.537	(1.003)	3639	0.49508	0.99(a)
	65 Benzo(b)fluoranthene	252	12.878	12.890	(0.961)	3189	0.66849	1.3
	66 Benzo(k)fluoranthene	252	12.908	12.925	(0.963)	1798	0.33216	0.66(aM)
	67 Benzo(a)pyrene	252	13.320	13.331	(0.994)	1793	0.46115	0.92(a)
*	84 Perylene-d12	264	13.402	13.408	(1.000)	165578	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.896	14.908	(1.111)	1119	0.27471	0.55(aM)
	70 Benzo(g,h,i)perylene	276	15.302	15.319	(1.142)	1242	0.34537	0.69(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: z19200.d

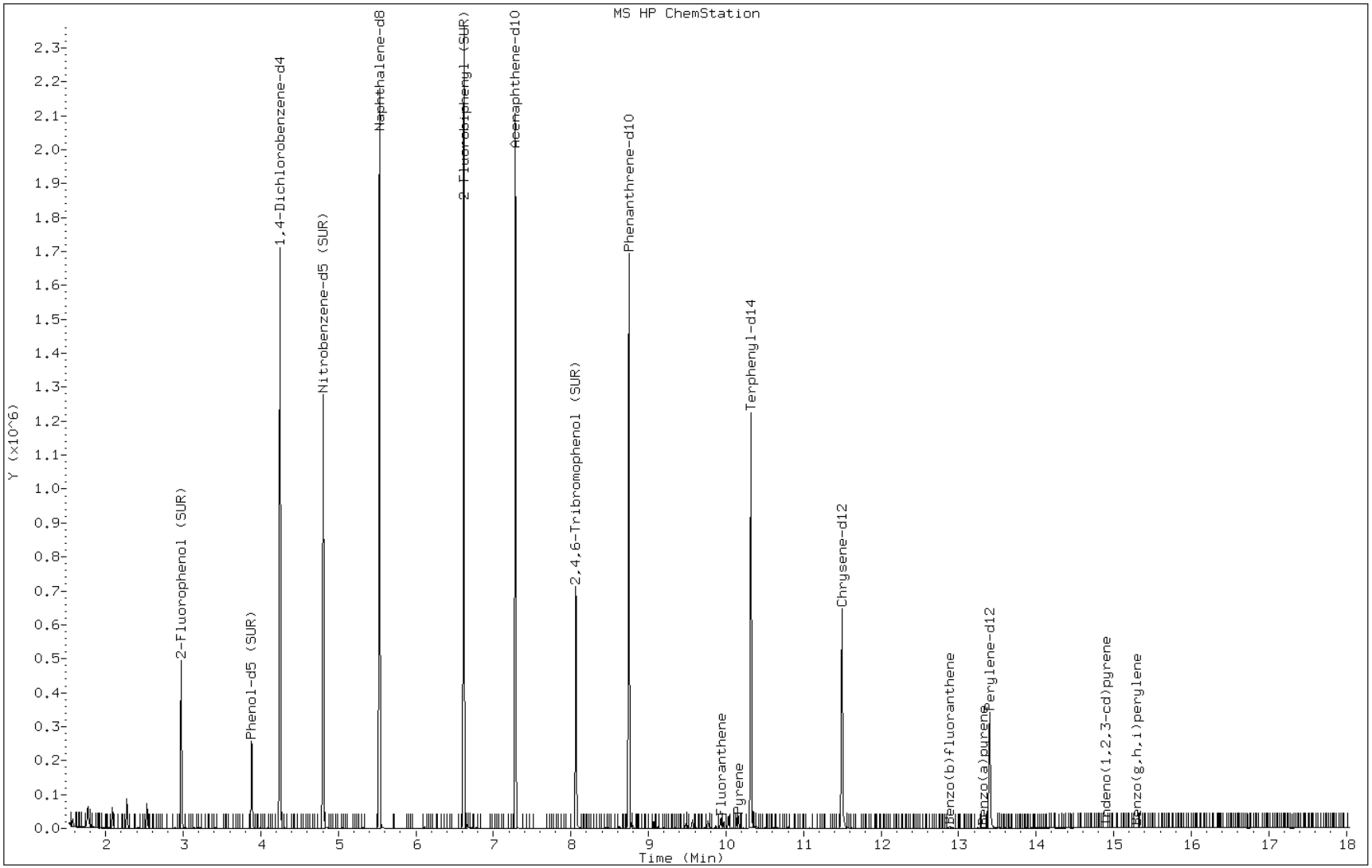
Date: 01-MAR-2013 09:21

Client ID: 130041-MW-5-45FT

Instrument: BNAMS11.i

Sample Info: 460-51333-I-15-A

Operator: BNAMS 4



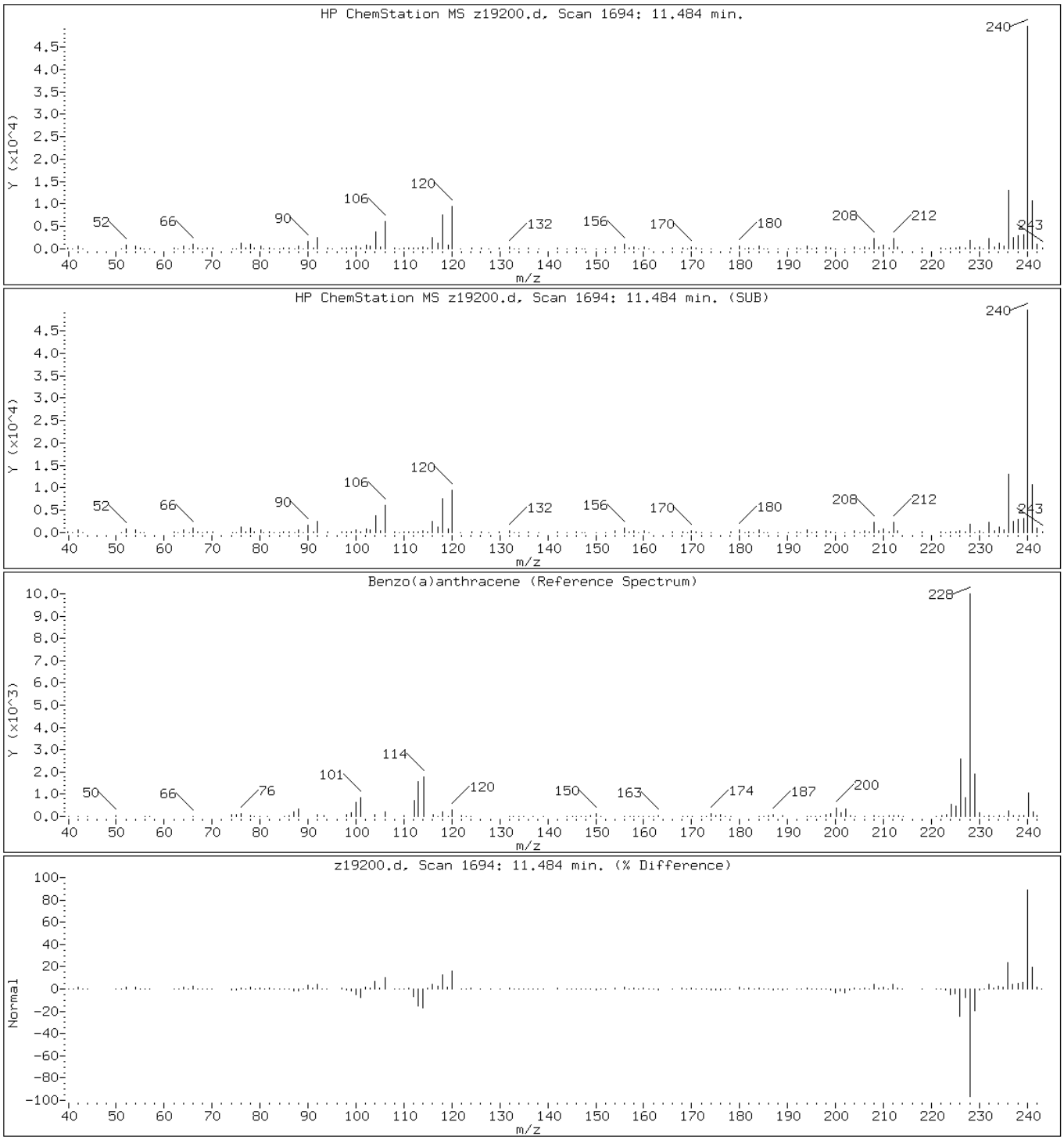
Data File: z19200.d

Date: 01-MAR-2013 09:21

Client ID: 130041-MW-5-45FT Instrument: BNAMS11.i

Sample Info: 460-51333-I-15-A Operator: BNAMS 4

61 Benzo(a)anthracene



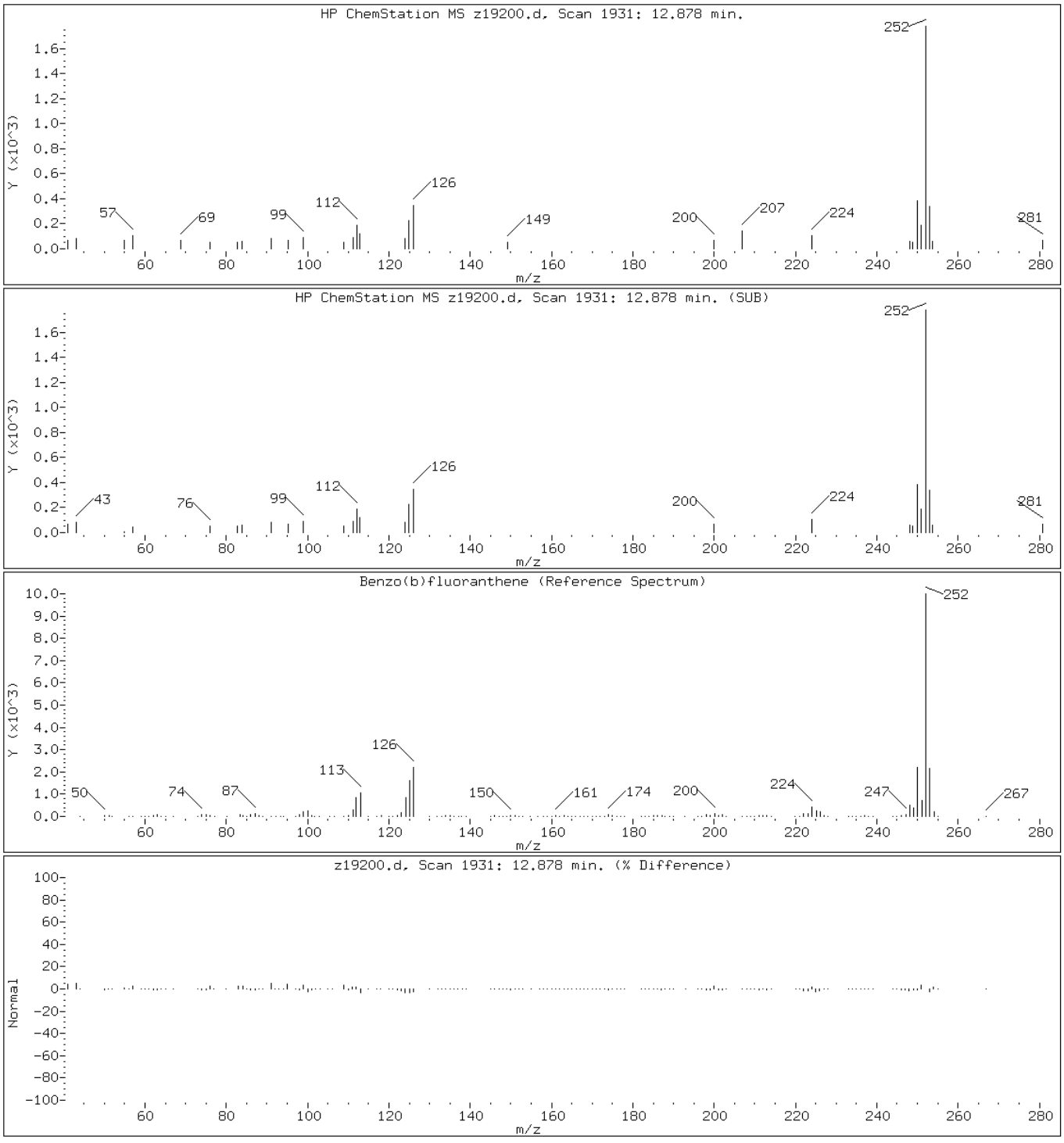
Data File: z19200.d

Date: 01-MAR-2013 09:21

Client ID: 130041-MW-5-45FT Instrument: BNAMS11.i

Sample Info: 460-51333-I-15-A Operator: BNAMS 4

65 Benzo(b)fluoranthene



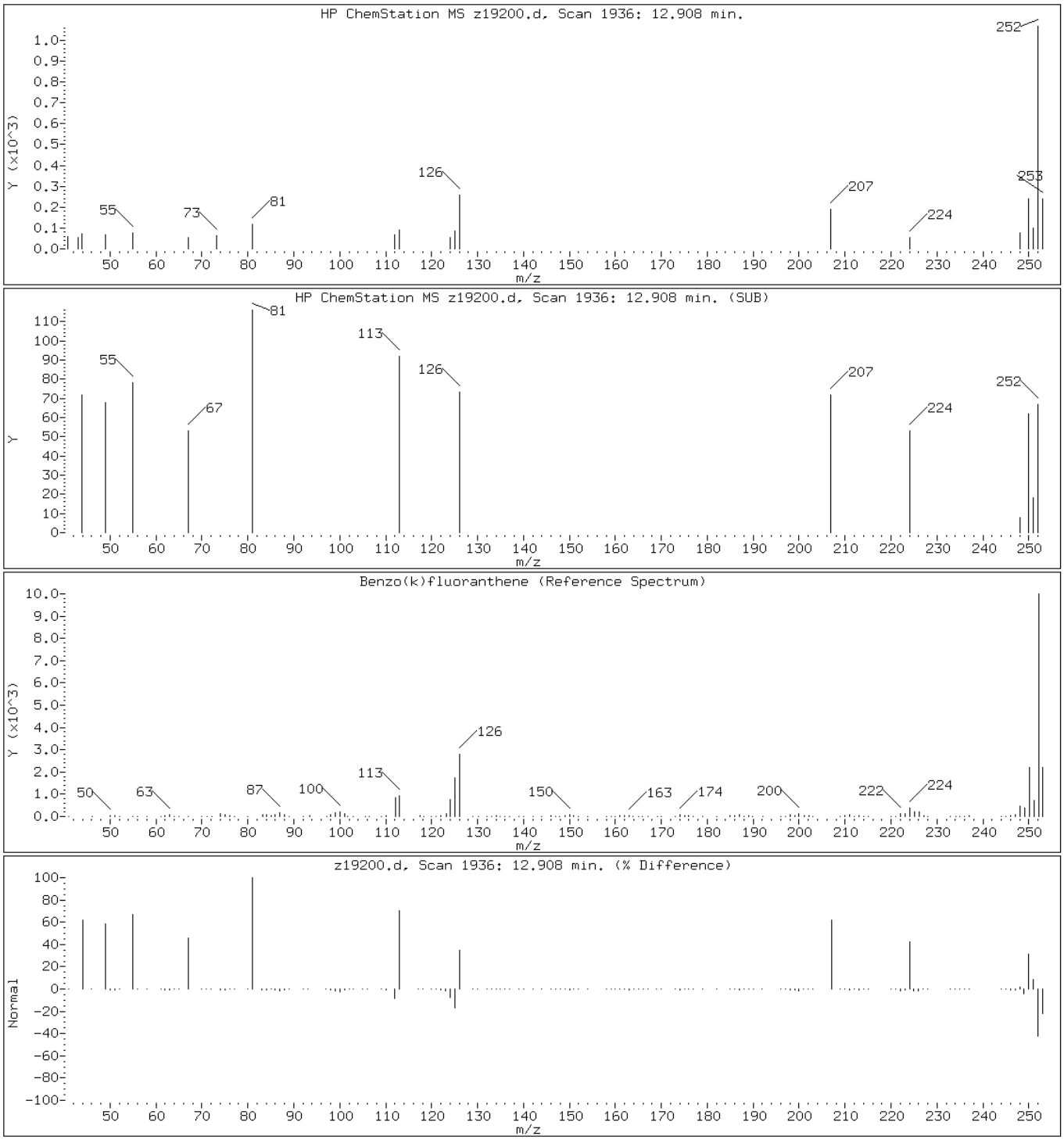
Data File: z19200.d

Date: 01-MAR-2013 09:21

Client ID: 130041-MW-5-45FT Instrument: BNAMS11.i

Sample Info: 460-51333-I-15-A Operator: BNAMS 4

66 Benzo(k)fluoranthene



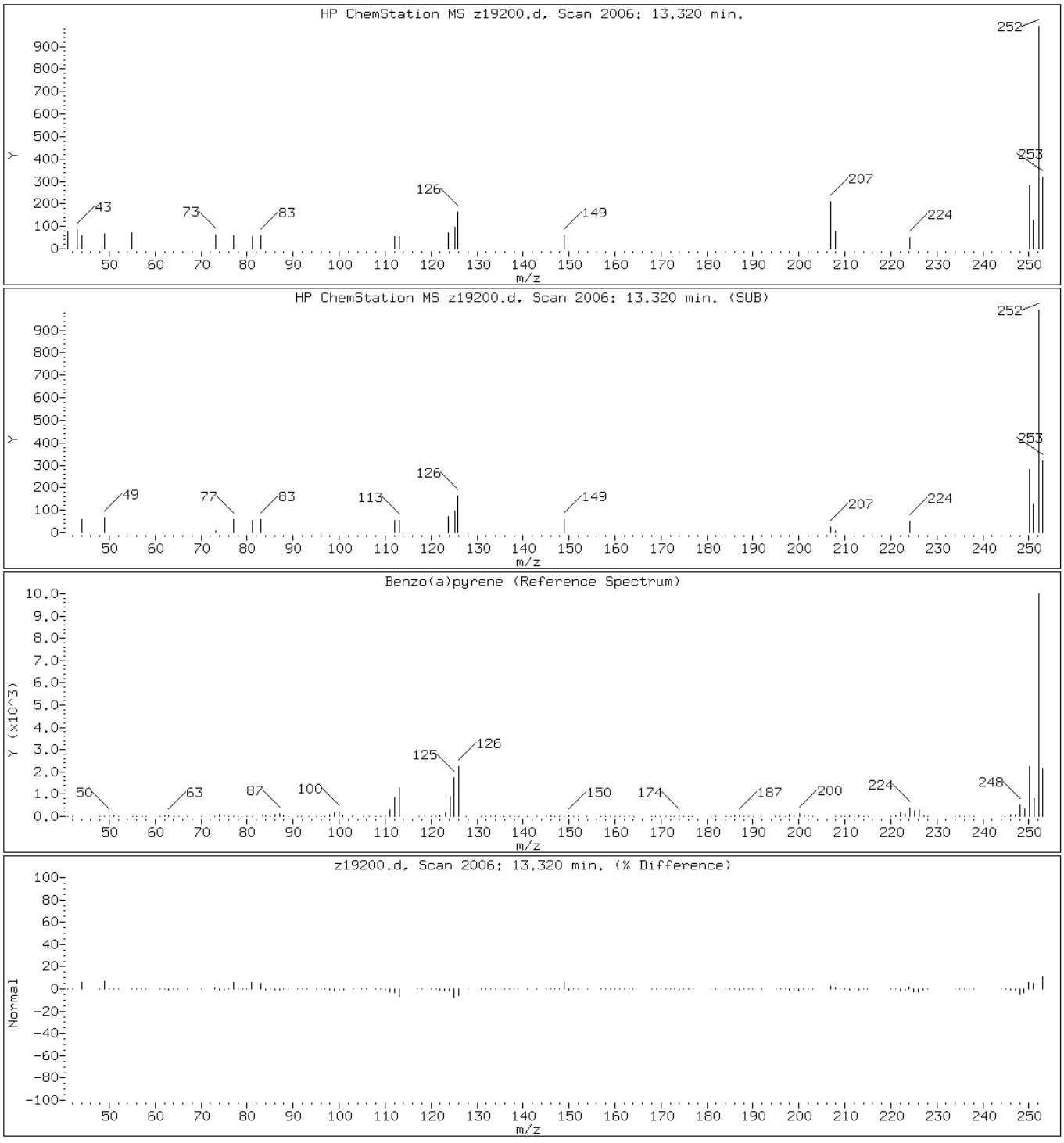
Data File: z19200.d

Date: 01-MAR-2013 09:21

Client ID: 130041-MW-5-45FT Instrument: BNAMS11.i

Sample Info: 460-51333-I-15-A Operator: BNAMS 4

67 Benzo(a)pyrene



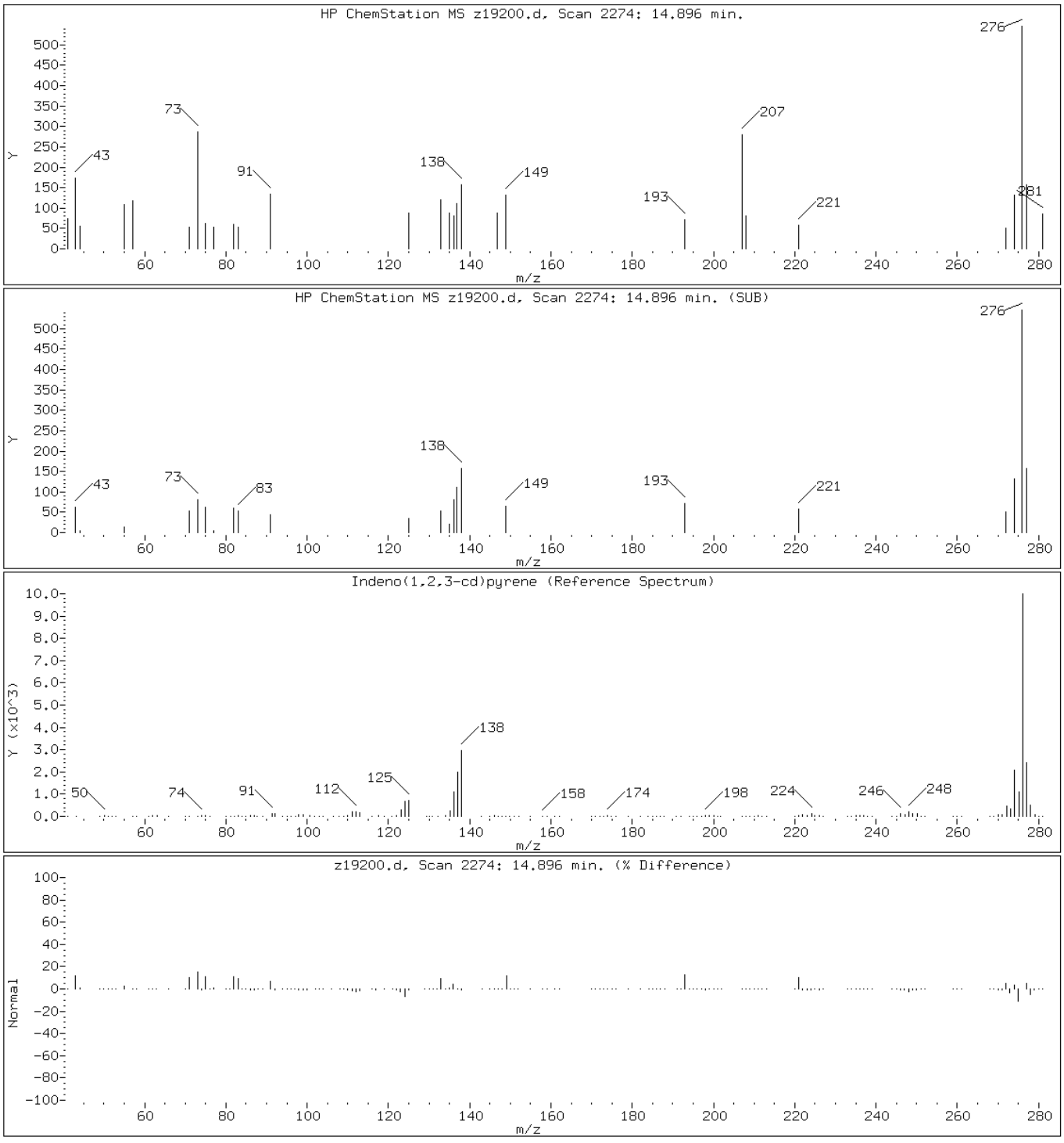
Data File: z19200.d

Date: 01-MAR-2013 09:21

Client ID: 130041-MW-5-45FT Instrument: BNAMS11.i

Sample Info: 460-51333-I-15-A Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Manual Integration Report

Data File: z19200.d
Inj. Date and Time: 01-MAR-2013 09:21
Instrument ID: BNAMS11.i
Client ID: 130041-MW-5-45FT
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 03/07/2013

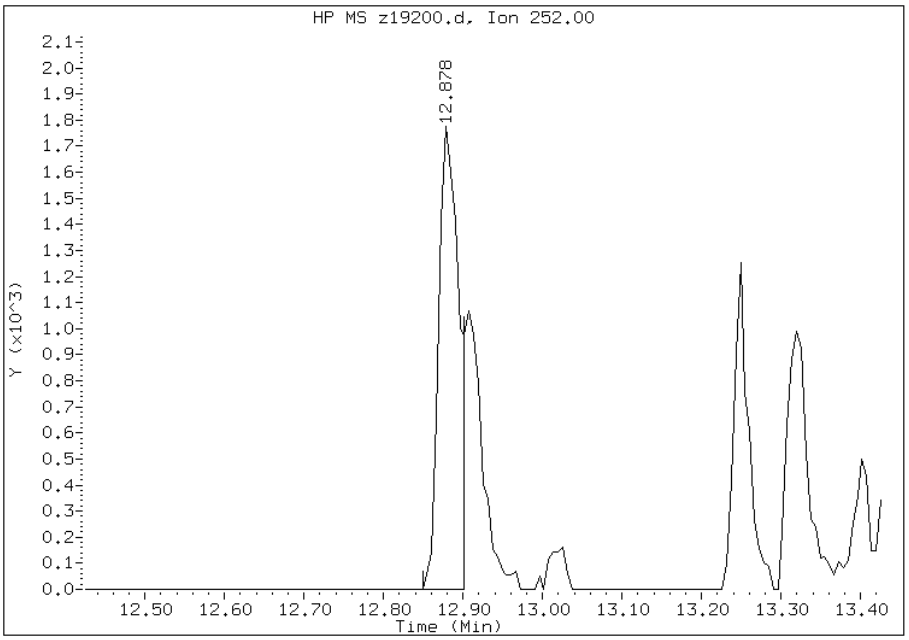
Processing Integration Results

RT: 12.88

Response: 3189

Amount: 1

Conc: 1



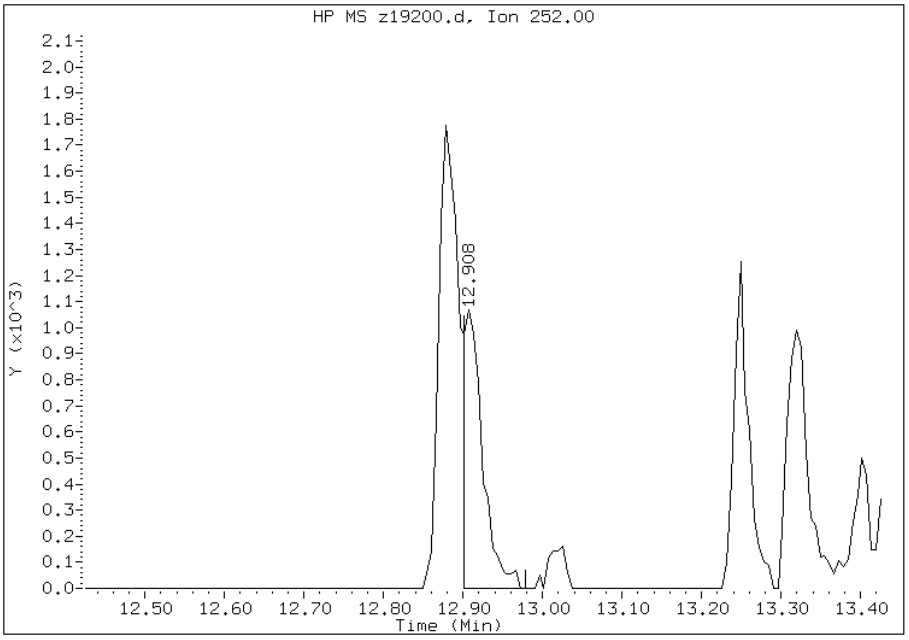
Manual Integration Results

RT: 12.91

Response: 1798

Amount: 0

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z19200.d
Inj. Date and Time: 01-MAR-2013 09:21
Instrument ID: BNAMS11.i
Client ID: 130041-MW-5-45FT
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 03/07/2013

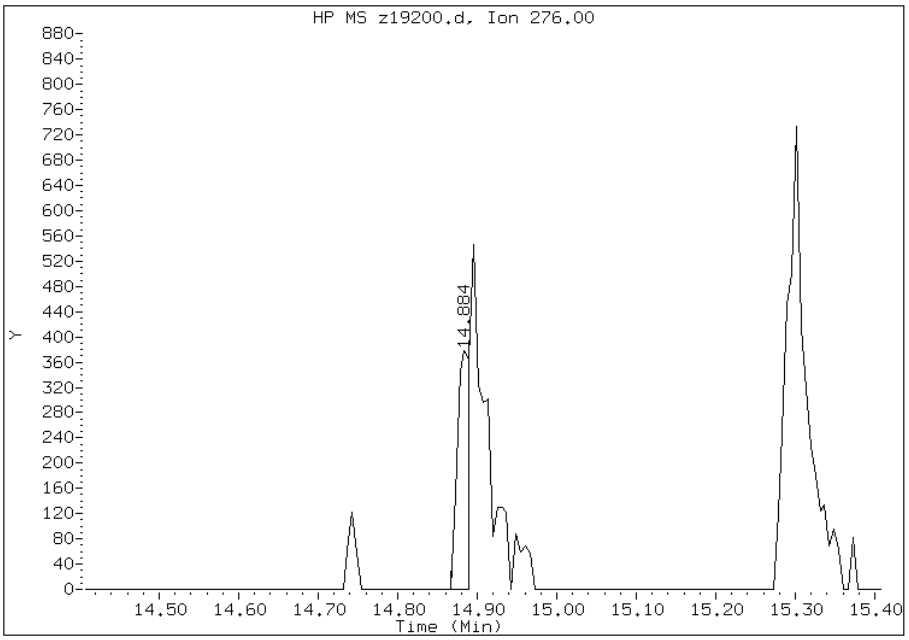
Processing Integration Results

RT: 14.88

Response: 437

Amount: 0

Conc: 0



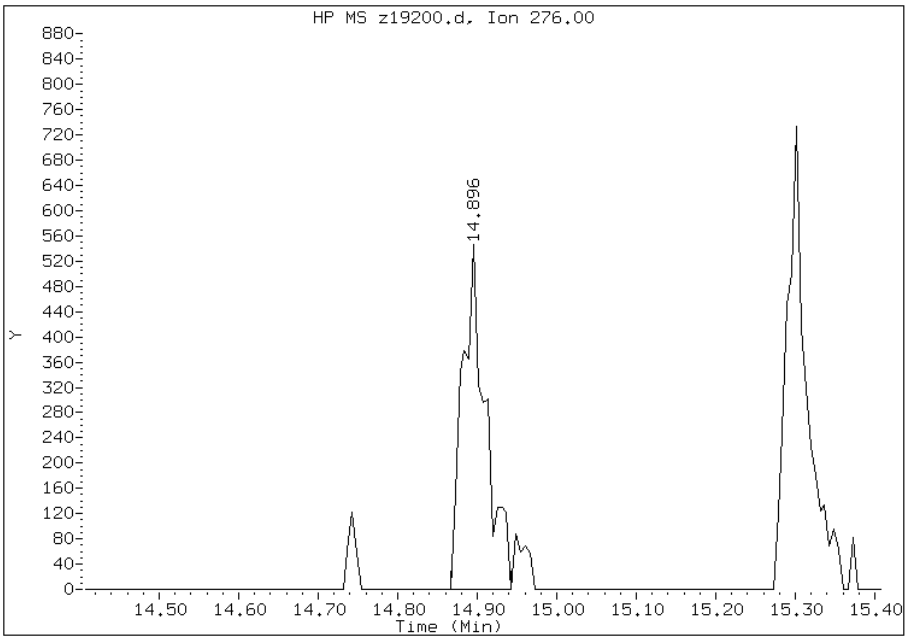
Manual Integration Results

RT: 14.90

Response: 1119

Amount: 0

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT | Lab Sample ID: 460-51333-16

Matrix: Water | Lab File ID: z19201.d

Analysis Method: 8270C | Date Collected: 02/25/2013 15:05

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 09:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	2.0
108-95-2	Phenol	10	U	10	0.81
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	2.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
100-02-7	4-Nitrophenol	30	U	30	6.7
132-64-9	Dibenzofuran	10	U	10	2.8
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT | Lab Sample ID: 460-51333-16

Matrix: Water | Lab File ID: z19201.d

Analysis Method: 8270C | Date Collected: 02/25/2013 15:05

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 09:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
86-73-7	Fluorene	10	U	10	2.8
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
1912-24-9	Atrazine	10	U	10	3.0
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	3.2
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
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	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
92-52-4	Diphenyl	10	U	10	2.8
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT | Lab Sample ID: 460-51333-16

Matrix: Water | Lab File ID: z19201.d

Analysis Method: 8270C | Date Collected: 02/25/2013 15:05

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 09:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	32		10-65
321-60-8	2-Fluorobiphenyl	86		53-108
4165-62-2	Phenol-d5	18		10-48
4165-60-0	Nitrobenzene-d5	89		56-112
118-79-6	2,4,6-Tribromophenol	89		46-122
1718-51-0	Terphenyl-d14	92		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19201.d
Report Date: 01-Mar-2013 11:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19201.d
Lab Smp Id: 460-51333-G-16-A Client Smp ID: 130041-MW-6-55FT
Inj Date : 01-MAR-2013 09:46
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-51333-G-16-A
Misc Info : 460-51333-G-16-A
Comment   :
Method   : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

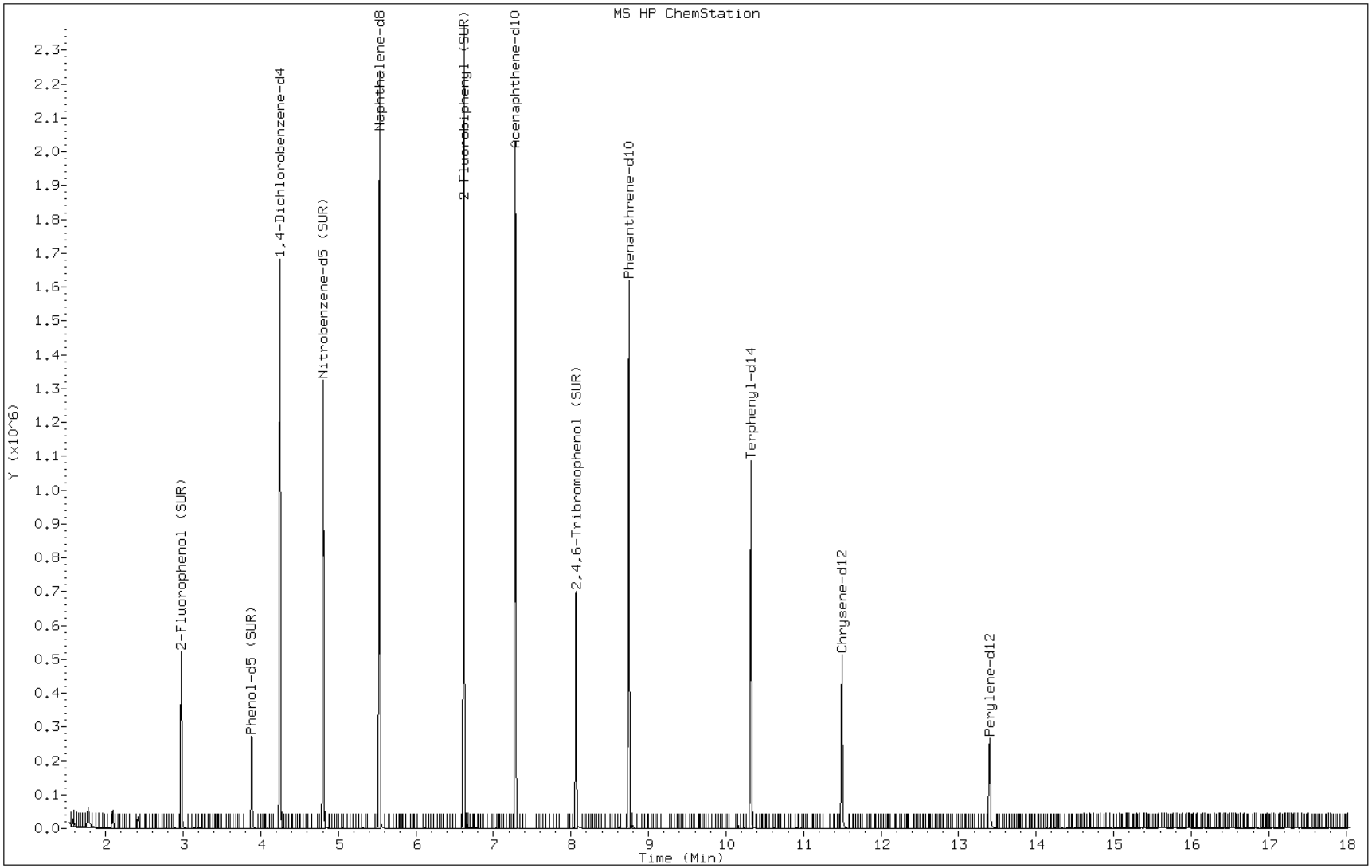
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.973	2.979	(0.701)	142360	15.8328	32
$ 17 Phenol-d5 (SUR)	99	3.885	3.914	(0.915)	92849	9.01104	18
* 79 1,4-Dichlorobenzene-d4	152	4.244	4.255	(1.000)	243259	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.808	4.820	(0.869)	407176	44.5380	89
* 80 Naphthalene-d8	136	5.532	5.538	(1.000)	928908	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.909)	682201	43.1942	86
* 82 Acenaphthene-d10	164	7.285	7.296	(1.000)	445903	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.067	8.073	(1.107)	78614	44.3964	89
* 83 Phenanthrene-d10	188	8.749	8.755	(1.000)	539471	40.0000	
$ 78 Terphenyl-d14	244	10.320	10.326	(0.898)	306946	46.0883	92
* 81 Chrysene-d12	240	11.496	11.508	(1.000)	194172	40.0000	
* 84 Perylene-d12	264	13.402	13.408	(1.000)	132905	40.0000	

Data File: z19201.d

Date: 01-MAR-2013 09:46

Client ID: 130041-MW-6-55FT Instrument: BNAMS11.i

Sample Info: 460-51333-G-16-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT | Lab Sample ID: 460-51333-18

Matrix: Water | Lab File ID: z19202.d

Analysis Method: 8270C | Date Collected: 02/25/2013 12:35

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 10:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	2.0
108-95-2	Phenol	10	U	10	0.81
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	2.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
100-02-7	4-Nitrophenol	30	U	30	6.7
132-64-9	Dibenzofuran	10	U	10	2.8
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT | Lab Sample ID: 460-51333-18

Matrix: Water | Lab File ID: z19202.d

Analysis Method: 8270C | Date Collected: 02/25/2013 12:35

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 10:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
86-73-7	Fluorene	10	U	10	2.8
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
1912-24-9	Atrazine	10	U	10	3.0
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	3.2
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
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	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
92-52-4	Diphenyl	10	U	10	2.8
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT | Lab Sample ID: 460-51333-18

Matrix: Water | Lab File ID: z19202.d

Analysis Method: 8270C | Date Collected: 02/25/2013 12:35

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 10:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	28		10-65
321-60-8	2-Fluorobiphenyl	82		53-108
4165-62-2	Phenol-d5	17		10-48
4165-60-0	Nitrobenzene-d5	86		56-112
118-79-6	2,4,6-Tribromophenol	84		46-122
1718-51-0	Terphenyl-d14	89		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19202.d
Report Date: 01-Mar-2013 11:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19202.d
Lab Smp Id: 460-51333-F-18-A Client Smp ID: 130041-MW-1-45FT
Inj Date : 01-MAR-2013 10:10
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-51333-F-18-A
Misc Info : 460-51333-F-18-A
Comment   :
Method   : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

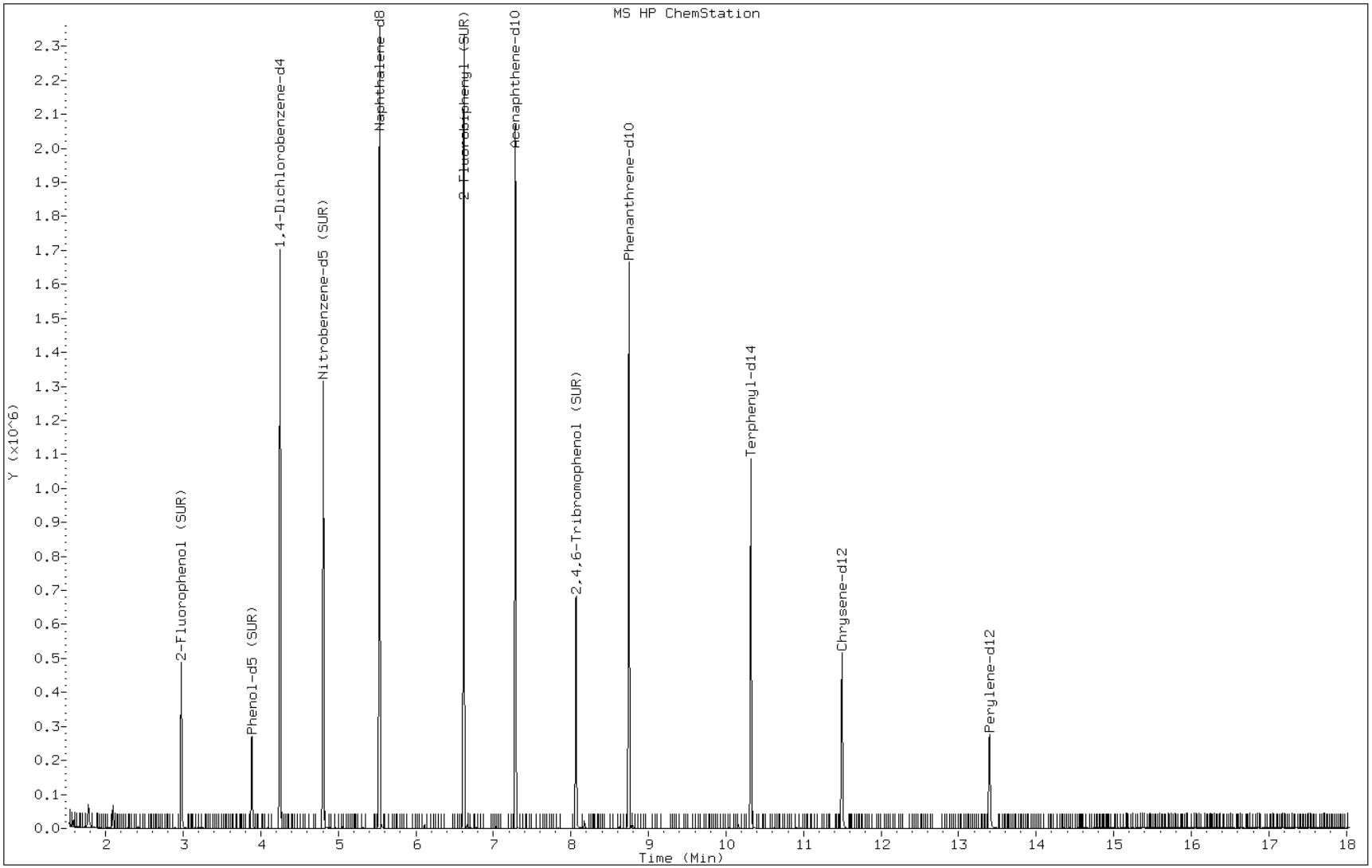
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.979	2.979	(0.701)	132270	14.0355	28
$ 17 Phenol-d5 (SUR)	99	3.885	3.914	(0.914)	92438	8.55947	17
* 79 1,4-Dichlorobenzene-d4	152	4.249	4.255	(1.000)	254959	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.808	4.820	(0.869)	407122	42.8092	86
* 80 Naphthalene-d8	136	5.532	5.538	(1.000)	966292	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.909)	673910	41.1267	82
* 82 Acenaphthene-d10	164	7.285	7.296	(1.000)	462627	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.067	8.073	(1.107)	76972	41.8977	84
* 83 Phenanthrene-d10	188	8.749	8.755	(1.000)	557579	40.0000	
$ 78 Terphenyl-d14	244	10.320	10.326	(0.898)	307316	44.6668	89
* 81 Chrysene-d12	240	11.496	11.508	(1.000)	200593	40.0000	
* 84 Perylene-d12	264	13.402	13.408	(1.000)	142748	40.0000	

Data File: z19202.d

Date: 01-MAR-2013 10:10

Client ID: 130041-MW-1-45FT Instrument: BNAMS11.i

Sample Info: 460-51333-F-18-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT | Lab Sample ID: 460-51333-19

Matrix: Water | Lab File ID: z19209.d

Analysis Method: 8270C | Date Collected: 02/25/2013 18:23

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	2.0
108-95-2	Phenol	10	U	10	0.81
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	2.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
100-02-7	4-Nitrophenol	30	U	30	6.7
132-64-9	Dibenzofuran	10	U	10	2.8
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT | Lab Sample ID: 460-51333-19

Matrix: Water | Lab File ID: z19209.d

Analysis Method: 8270C | Date Collected: 02/25/2013 18:23

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
86-73-7	Fluorene	10	U	10	2.8
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
1912-24-9	Atrazine	10	U	10	3.0
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	3.2
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
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	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
92-52-4	Diphenyl	10	U	10	2.8
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT | Lab Sample ID: 460-51333-19

Matrix: Water | Lab File ID: z19209.d

Analysis Method: 8270C | Date Collected: 02/25/2013 18:23

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	30		10-65
321-60-8	2-Fluorobiphenyl	85		53-108
4165-62-2	Phenol-d5	17		10-48
4165-60-0	Nitrobenzene-d5	91		56-112
118-79-6	2,4,6-Tribromophenol	86		46-122
1718-51-0	Terphenyl-d14	94		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19209.d
Report Date: 01-Mar-2013 14:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19209.d
Lab Smp Id: 460-51333-G-19-A Client Smp ID: 130041-MW-9S-40FT
Inj Date : 01-MAR-2013 13:01
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-51333-G-19-A
Misc Info : 460-51333-G-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

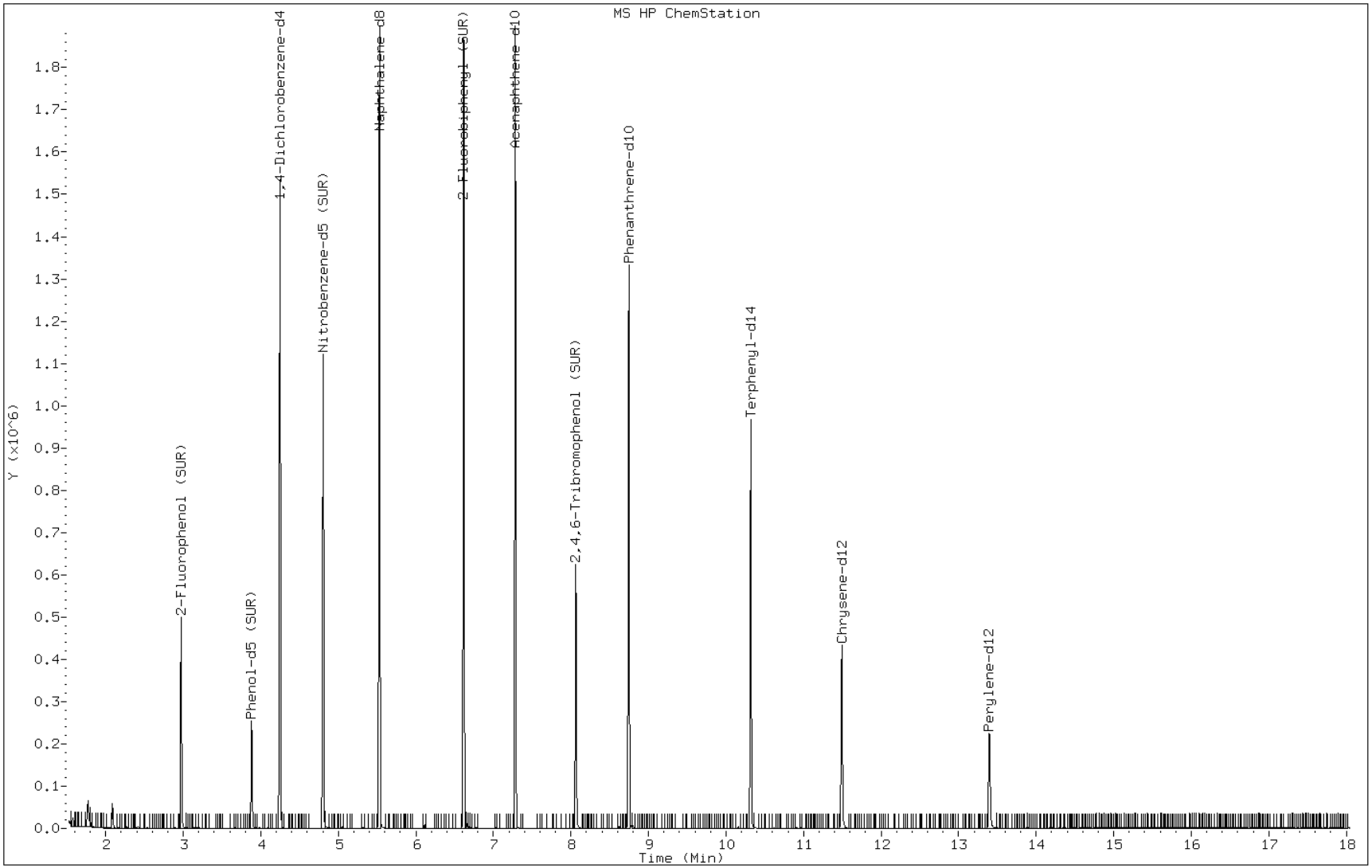
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.973	2.979	(0.701)	121340	14.8304	30
$ 17 Phenol-d5 (SUR)	99	3.879	3.914	(0.914)	81907	8.73575	17
* 79 1,4-Dichlorobenzene-d4	152	4.244	4.255	(1.000)	221354	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.808	4.820	(0.869)	364214	45.5111	91
* 80 Naphthalene-d8	136	5.532	5.538	(1.000)	813131	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.909)	588300	42.6519	85
* 82 Acenaphthene-d10	164	7.285	7.296	(1.000)	389416	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.067	8.073	(1.107)	66594	43.0635	86
* 83 Phenanthrene-d10	188	8.749	8.755	(1.000)	460160	40.0000	
$ 78 Terphenyl-d14	244	10.320	10.326	(0.898)	268644	46.8953	94
* 81 Chrysene-d12	240	11.496	11.508	(1.000)	167018	40.0000	
* 84 Perylene-d12	264	13.402	13.408	(1.000)	121053	40.0000	

Data File: z19209.d

Date: 01-MAR-2013 13:01

Client ID: 130041-MW-9S-40FT Instrument: BNAMS11.i

Sample Info: 460-51333-G-19-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT | Lab Sample ID: 460-51333-21

Matrix: Water | Lab File ID: z19210.d

Analysis Method: 8270C | Date Collected: 02/25/2013 10:23

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	2.0
108-95-2	Phenol	10	U	10	0.81
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	2.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
100-02-7	4-Nitrophenol	30	U	30	6.7
132-64-9	Dibenzofuran	10	U	10	2.8
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT | Lab Sample ID: 460-51333-21

Matrix: Water | Lab File ID: z19210.d

Analysis Method: 8270C | Date Collected: 02/25/2013 10:23

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
86-73-7	Fluorene	10	U	10	2.8
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
1912-24-9	Atrazine	10	U	10	3.0
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	3.2
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
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	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
92-52-4	Diphenyl	10	U	10	2.8
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT | Lab Sample ID: 460-51333-21

Matrix: Water | Lab File ID: z19210.d

Analysis Method: 8270C | Date Collected: 02/25/2013 10:23

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	32		10-65
321-60-8	2-Fluorobiphenyl	88		53-108
4165-62-2	Phenol-d5	18		10-48
4165-60-0	Nitrobenzene-d5	93		56-112
118-79-6	2,4,6-Tribromophenol	86		46-122
1718-51-0	Terphenyl-d14	97		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19210.d
Report Date: 01-Mar-2013 15:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19210.d
Lab Smp Id: 460-51333-G-21-A Client Smp ID: 130041-MW-7D-55FT
Inj Date : 01-MAR-2013 13:26
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-51333-G-21-A
Misc Info : 460-51333-G-21-A
Comment   :
Method   : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

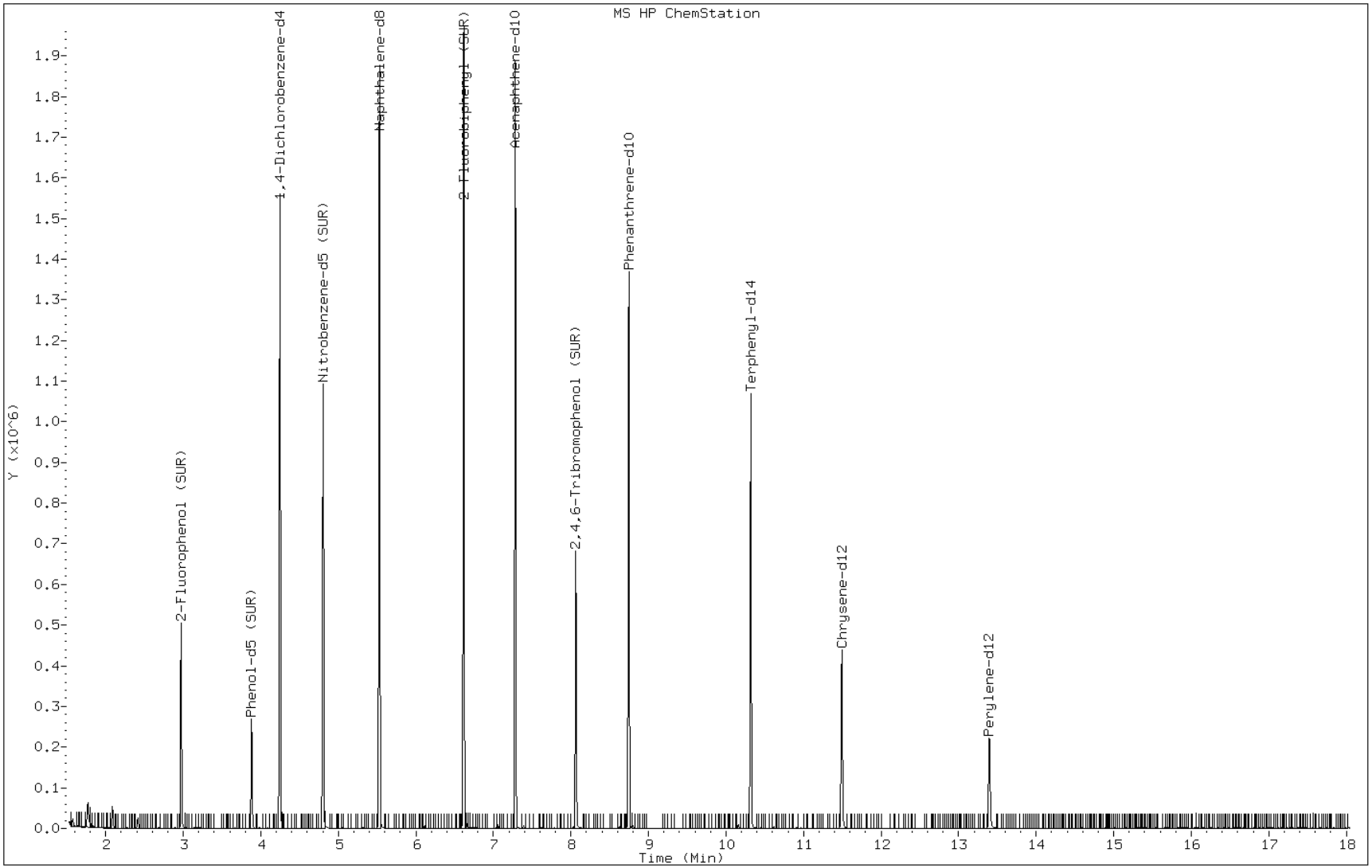
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.973	2.979	(0.701)	126554	15.8571	32
$ 17 Phenol-d5 (SUR)	99	3.879	3.914	(0.914)	83835	9.16645	18
* 79 1,4-Dichlorobenzene-d4	152	4.244	4.255	(1.000)	215919	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.802	4.820	(0.868)	367171	46.3294	93
* 80 Naphthalene-d8	136	5.532	5.538	(1.000)	805254	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.909)	607065	43.9356	88
* 82 Acenaphthene-d10	164	7.285	7.296	(1.000)	390096	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.061	8.073	(1.107)	66780	43.1085	86
* 83 Phenanthrene-d10	188	8.749	8.755	(1.000)	478371	40.0000	
$ 78 Terphenyl-d14	244	10.320	10.326	(0.898)	290935	48.4263	97
* 81 Chrysene-d12	240	11.496	11.508	(1.000)	175158	40.0000	
* 84 Perylene-d12	264	13.402	13.408	(1.000)	118736	40.0000	

Data File: z19210.d

Date: 01-MAR-2013 13:26

Client ID: 130041-MW-7D-55FT Instrument: BNAMS11.i

Sample Info: 460-51333-G-21-A Operator: BNAMS 4



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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-147868/7	z18534.d
Level 2	IC 460-147868/6	z18533.d
Level 3	IC 460-147868/5	z18532.d
Level 4	ICIS 460-147868/2	z18529.d
Level 5	IC 460-147868/4	z18531.d
Level 6	IC 460-147868/3	z18530.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 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1599	+++++	Ave		0.1599						15.0			
1,4-Dioxane	0.6215 0.6553	0.6302	0.6225	0.5937	0.6560	Ave		0.6299				3.7		15.0			
N-Nitrosodimethylamine	0.8662 0.9063	0.8714	0.8894	0.8447	0.8982	Ave		0.8794				2.6		15.0			
Pyridine	1.5697 1.5992	1.5675	1.5904	1.4705	1.5638	Ave		1.5602				3.0		15.0			
Benzaldehyde	1.0419 +++++	0.7020	0.4322	0.2372	0.1012	Ave		0.5029				74.9	*	15.0			
Phenol	1.9034 1.7115	1.8410	1.9256	1.7371	1.6412	Ave		1.7933				6.4		15.0			
Aniline	2.1843 2.1203	2.1005	2.1453	1.9910	1.9967	Ave		2.0897				3.8		15.0			
Bis(2-chloroethyl)ether	1.5369 1.3906	1.4659	1.4911	1.3934	1.4613	QuaF		0.6720	0.0103						0.9992		0.9900
2-Chlorophenol	1.6052 1.3550	1.6172	1.6801	1.4681	1.3633	Ave		1.5148				9.2		15.0			
Decane	1.7701 1.2169	1.7392	1.6742	1.4622	1.3604	Ave		1.5372				14.6		15.0			
1,3-Dichlorobenzene	1.6961 1.6809	1.6761	1.6942	1.5991	1.6324	Ave		1.6631				2.3		15.0			
1,4-Dichlorobenzene	1.7067 1.6533	1.6914	1.6972	1.5853	1.6247	Ave		1.6598				2.9		15.0			

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.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

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 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	0.9427 0.8420	0.9303	0.9645	0.8710	0.8937	Ave		0.9074				5.1		15.0			
1,2-Dichlorobenzene	1.6053 1.5039	1.5859	1.5756	1.4806	1.5061	Ave		1.5429				3.4		15.0			
2-Methylphenol	1.3280 1.1170	1.3066	1.3687	1.1970	1.0992	Ave		1.2361				9.3		15.0			
bis (2-chloroisopropyl) ether	2.1156 1.5101	2.0495	2.0270	1.7585	1.6485	Ave		1.8515				13.4		15.0			
Acetophenone	1.9756 1.5403	1.9081	1.9102	1.6541	1.5761	Ave		1.7607				10.9		15.0			
3 & 4 Methylphenol	1.4942 1.1757	1.4241	1.4610	1.2576	1.1518	Ave		1.3274				11.4		15.0			
4-Methylphenol	1.5003 1.1749	1.4241	1.4610	1.2576	1.1518	Ave		1.3283				11.5		15.0			
N-Nitrosodi-n-propylamine	0.9397 0.8084	0.9381	0.9574	0.8374	0.8456	Ave		0.8878			0.0500	7.2		15.0			
Hexachloroethane	0.6495 0.6289	0.6638	0.6813	0.6268	0.6399	Ave		0.6484				3.3		15.0			
Nitrobenzene	0.5758 0.4700	0.5435	0.5492	0.5013	0.4963	Ave		0.5227				7.6		15.0			
n,n'-Dimethylaniline	2.0630 1.9282	2.1952	2.1953	1.9701	2.0148	Ave		2.0611				5.5		15.0			
Isophorone	0.6396 0.6067	0.6326	0.6561	0.6236	0.6287	Ave		0.6312				2.6		15.0			
2-Nitrophenol	0.2040 0.2057	0.2031	0.2204	0.2036	0.1933	Ave		0.2050				4.2		15.0			
2,4-Dimethylphenol	0.3387 0.3020	0.3405	0.3616	0.3214	0.2976	Ave		0.3270				7.5		15.0			
Bis(2-chloroethoxy)methane	0.4112 0.3887	0.4043	0.4185	0.3944	0.3958	Ave		0.4021				2.8		15.0			
Benzoic acid	0.1191 0.1827	0.1580	0.2060	0.1928	0.1863	LinF		0.1850							0.9983		0.9900
2,4-Dichlorophenol	0.2855 0.2582	0.2822	0.2992	0.2671	0.2471	Ave		0.2732				7.0		15.0			
1,2,4-Trichlorobenzene	0.3272 0.3178	0.3282	0.3329	0.3067	0.3142	Ave		0.3212				3.1		15.0			
Naphthalene	1.1407 1.0670	1.1223	1.1395	1.0672	1.0825	Ave		1.1032				3.2		15.0			
4-Chloroaniline	0.4365 0.3553	0.4213	0.4313	0.3820	0.3780	Ave		0.4007				8.3		15.0			

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.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

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 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1966 0.1741	0.1836	0.1859	0.1695	0.1732	Ave		0.1805				5.6		15.0			
Caprolactam	0.0786 0.0724	0.0839	0.0925	0.0885	0.0841	Ave		0.0833				8.5		15.0			
4-Chloro-3-methylphenol	0.2904 0.2584	0.2899	0.3097	0.2796	0.2567	Ave		0.2808				7.3		15.0			
2-Methylnaphthalene	0.6589 0.6201	0.6575	0.6755	0.6271	0.6296	Ave		0.6448				3.4		15.0			
1-Methylnaphthalene	0.6748 0.6301	0.6650	0.6872	0.6447	0.6118	Ave		0.6523				4.4		15.0			
Hexachlorocyclopentadiene	0.3653 0.3812	0.3245	0.3459	0.3415	0.3694	Ave		0.3546			0.0500	5.9		15.0			
1,2,4,5-Tetrachlorobenzene	0.6417 0.6419	0.6159	0.6409	0.5818	0.5715	Ave		0.6156				5.2		15.0			
2-tertbutyl-4-methylphenol	0.4845 0.3799	0.4704	0.4863	0.4384	0.4132	Ave		0.4455				9.6		15.0			
2,4,6-Trichlorophenol	0.3926 0.4161	0.3865	0.4171	0.3876	0.3645	Ave		0.3941				5.1		15.0			
2,4,5-Trichlorophenol	0.4101 0.3820	0.4000	0.4220	0.3861	0.3711	Ave		0.3952				4.8		15.0			
Diphenyl	1.6239 1.5402	1.6416	1.6838	1.5434	1.5212	Ave		1.5924				4.2		15.0			
2-Chloronaphthalene	1.2879 1.1961	1.2505	1.2627	1.1780	1.2139	Ave		1.2315				3.4		15.0			
Diphenyl ether	0.8691 0.8615	0.8674	0.8745	0.8214	0.8514	Ave		0.8576				2.3		15.0			
2-Nitroaniline	0.4081 0.3103	0.4431	0.4525	0.3707	0.3599	Ave		0.3908				13.9		15.0			
Dimethylnaphthalene, total	1.0665 1.0153	1.0334	1.0493	1.0100	0.9769	Ave		1.0253				3.1		15.0			
Dimethyl phthalate	1.2516 1.1472	1.2563	1.2611	1.1864	1.1856	Ave		1.2147				3.9		15.0			
Coumarin	0.1886 0.1610	0.1897	0.1959	0.1798	0.1690	Ave		0.1807				7.4		15.0			
2,6-Dinitrotoluene	0.2724 0.2788	0.2821	0.2946	0.2808	0.2873	Ave		0.2827				2.7		15.0			
Acenaphthylene	1.9826 1.7958	1.8628	1.8939	1.7765	1.8237	Ave		1.8559				4.1		15.0			
3-Nitroaniline	0.2973 0.2573	0.2900	0.2977	0.2666	0.2650	Ave		0.2790				6.5		15.0			

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.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

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 3	LVL 4	LVL 5		B	M1	M2								
3,5-di-tert-butyl-4-hydroxytol	1.1609 1.0420	1.1167	1.1313	1.0276	1.0216	Ave		1.0834				5.5		15.0			
Acenaphthene	1.1446 1.0772	1.1680	1.2501	1.0856	1.1142	Ave		1.1399				5.6		15.0			
2,4-Dinitrophenol	0.0884 0.1527	0.1040	0.1301	0.1345	0.1517	QuaF		7.8636	-3.065		0.0500				0.9958		0.9900
4-Nitrophenol	0.1927 0.1957	0.1934	0.2014	0.1909	0.1957	Ave		0.1950			0.0500	1.9		15.0			
2,4-Dinitrotoluene	0.3293 0.3159	0.3432	0.3487	0.3301	0.3309	Ave		0.3330				3.5		15.0			
Dibenzofuran	1.6307 1.4822	1.5952	1.6179	1.4969	1.5220	Ave		1.5575				4.2		15.0			
2,3,4,6-Tetrachlorophenol	0.2538 0.2443	0.2546	0.2578	0.2469	0.2460	Ave		0.2506				2.2		15.0			
Diethyl phthalate	1.1634 1.0788	1.1552	1.1530	1.0906	1.0953	Ave		1.1227				3.4		15.0			
4-Chlorophenyl phenyl ether	0.6235 0.5364	0.6012	0.5923	0.5423	0.5467	Ave		0.5737				6.4		15.0			
Fluorene	1.2864 1.1328	1.2445	1.2604	1.1602	1.1663	Ave		1.2084				5.2		15.0			
4-Nitroaniline	0.2507 0.2311	0.2608	0.2649	0.2327	0.2270	Ave		0.2445				6.7		15.0			
4,6-Dinitro-2-methylphenol	0.1149 0.1582	0.1256	0.1372	0.1426	0.1550	Ave		0.1389				12.0		15.0			
N-Nitrosodiphenylamine	0.6640 0.6271	0.6750	0.6446	0.6144	0.6220	Ave		0.6412				3.8		15.0			
1,2-Diphenylhydrazine	0.9493 1.2196	1.1678	1.1836	1.1186	1.1519	Ave		1.1318				8.4		15.0			
4-Bromophenyl phenyl ether	0.2371 0.2492	0.2406	0.2417	0.2337	0.2494	Ave		0.2419				2.6		15.0			
Hexachlorobenzene	0.2614 0.2672	0.2592	0.2637	0.2535	0.2643	Ave		0.2616				1.8		15.0			
Atrazine	0.2018 0.1956	0.2139	0.2182	0.2027	0.2019	Ave		0.2057				4.2		15.0			
Pentachlorophenol	0.1169 0.1564	0.1247	0.1361	0.1401	0.1510	Ave		0.1375				11.0		15.0			
Pentachloronitrobenzene	0.1107 0.0939	0.1019	0.0998	0.0952	0.0965	Ave		0.0997				6.2		15.0			
n-Octadecane	0.6453 0.6063	0.6649	0.6827	0.6418	0.6165	Ave		0.6429				4.5		15.0			

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.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

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 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.1376 1.1253	1.1636	1.1624	1.0775	1.1022	Ave		1.1281				3.0		15.0			
Anthracene	1.1442 1.1162	1.1679	1.1760	1.0984	1.1278	Ave		1.1384				2.6		15.0			
Carbazole	0.9145 0.8841	0.9185	0.9135	0.8515	0.8569	Ave		0.8898				3.4		15.0			
Di-n-butyl phthalate	1.0917 1.1410	1.1107	1.1393	1.1072	1.1282	Ave		1.1197				1.8		15.0			
Fluoranthene	0.9159 0.8871	0.8945	0.9022	0.8605	0.8648	Ave		0.8875				2.4		15.0			
Benzidine	0.2325 +++++	0.2684	0.1537	0.0429	0.0296	Ave		0.1454				74.3	*	15.0			
Pyrene	2.1090 2.2491	2.1103	2.2222	2.0455	2.1639	Ave		2.1500				3.6		15.0			
Butyl benzyl phthalate	0.6589 0.8576	0.7068	0.7546	0.7610	0.8154	Ave		0.7591				9.4		15.0			
Carbamazepine	0.2712 0.5522	0.3657	0.4210	0.4759	0.5124	LinF		0.5323							0.9912		0.9900
3,3'-Dichlorobenzidine	0.3513 0.2909	0.3778	0.3435	0.2561	0.2826	Ave		0.3170				14.9		15.0			
Benzo[a]anthracene	1.3554 1.3215	1.2127	1.2197	1.1821	1.2557	Ave		1.2579				5.4		15.0			
Bis(2-ethylhexyl) phthalate	0.8189 1.1014	0.8747	0.9317	0.9528	1.0450	Ave		0.9541				11.0		15.0			
Chrysene	1.1654 1.2734	1.1800	1.1870	1.1469	1.2064	Ave		1.1932				3.7		15.0			
Di-n-octyl phthalate	1.1966 1.9808	1.4151	1.6806	1.8352	1.9173	LinF		1.9429							0.9968		0.9900
Benzo[b]fluoranthene	0.8434 1.3056	1.1140	1.1721	1.1860	1.2936	Ave		1.1524				14.6		15.0			
Benzo[k]fluoranthene	1.1598 1.3254	1.3524	1.3695	1.3068	1.3360	Ave		1.3083				5.8		15.0			
Benzo[a]pyrene	0.6882 1.0414	0.9054	0.9891	0.9684	1.0432	Ave		0.9393				14.2		15.0			
Indeno[1,2,3-cd]pyrene	0.4891 1.0093	0.7399	0.7721	0.8428	0.9877	LinF		0.9844							0.9920		0.9900
Dibenz(a,h)anthracene	0.5138 0.9780	0.7621	0.8608	0.8606	0.9960	LinF		0.9695							0.9956		0.9900
Benzo[g,h,i]perylene	0.7088 0.9789	0.7969	0.8833	0.8707	0.9739	Ave		0.8688				12.0		15.0			

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

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INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

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 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.5466 1.4408	1.5480	1.5798	1.3876	1.3681	Ave		1.4785				6.2		15.0			
Phenol-d5	1.8242 1.5679	1.7860	1.8359	1.6190	1.5328	Ave		1.6943				8.1		15.0			
Nitrobenzene-d5	0.3965 0.3778	0.3983	0.4151	0.4015	0.3728	Ave		0.3937				4.0		15.0			
2-Fluorobiphenyl	1.4449 1.4429	1.4133	1.4591	1.4019	1.3388	Ave		1.4168				3.1		15.0			
2,4,6-Tribromophenol	0.1567 0.1650	0.1546	0.1648	0.1572	0.1548	Ave		0.1588				3.0		15.0			
Terphenyl-d14	1.3246 1.4752	1.3146	1.4427	1.3321	1.3425	Ave		1.3720				5.0		15.0			

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.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-147868/7	z18534.d
Level 2	IC 460-147868/6	z18533.d
Level 3	IC 460-147868/5	z18532.d
Level 4	ICIS 460-147868/2	z18529.d
Level 5	IC 460-147868/4	z18531.d
Level 6	IC 460-147868/3	z18530.d

ANALYTE	IS REF	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
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	466	+++++	+++++ +++++	+++++	+++++	0.500	+++++
1,4-Dioxane	DCB	Ave	23215 544594	41890	82279	210482	345241	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	32356 753127	57917	117545	299486	472688	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	58634 1328962	104189	210190	521347	822961	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	38920 +++++	46661	57119	84100	53257	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	71098 1422255	122365	254490	615876	863720	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	81593 1761997	139612	283532	705889	1050801	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	5741 1155548	97436	197070	494032	769015	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	59959 1125969	107488	222044	520513	717458	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	66121 1011240	115597	221271	518396	715950	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	63357 1396811	111404	223914	566938	859056	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	63753 1373925	112425	224306	562044	855038	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	35213 699689	61834	127479	308796	470345	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

ANALYTE	IS REF	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
1,2-Dichlorobenzene	DCB	Ave	59964 1249782	105408	208234	524918	792609	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	49605 928264	86847	180889	424395	578487	5.00 120	10.0	20.0	50.0	80.0
bis (2-chloroisopropyl) ether	DCB	Ave	79026 1254875	136223	267891	623447	867562	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	73797 1279954	126827	252462	586438	829442	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	55815 976980	94657	193094	445879	606141	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	56044 976347	94657	193094	445879	606141	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3510 671771	62355	126534	296885	445003	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2426 522609	44123	90045	222213	336739	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8071 1370140	132931	267387	640165	933460	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	7706 1602294	145908	290143	698493	1060326	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	89657 1768641	154723	319414	796265	1182346	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	28595 599697	49685	107282	260031	363554	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	47476 880449	83284	176044	410418	559632	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	57634 1132973	98887	203739	503670	744324	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	16691 532436	38638	100271	246196	350319	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	40015 752763	69013	145654	341058	464633	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	4587 926395	80286	162056	391685	590998	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	159900 3110333	274512	554750	1362767	2035755	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	61191 1035687	103039	209999	487806	710962	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	5513 507624	44896	90527	216466	325816	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	11012 211009	20519	45020	112979	158181	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

ANALYTE	IS REF	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
4-Chloro-3-methylphenol	NPT	Ave	40703 753096	70898	150798	356994	482811	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	92365 1807423	160808	328892	800805	1184156	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	94589 1836818	162663	334553	823236	1150543	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	23984 473124	37093	80127	200913	309002	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	42135 796703	70409	148480	342268	478082	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	67916 1107505	115054	236778	559827	777036	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	25776 516517	44186	96635	228026	304893	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	26926 474155	45735	97751	227151	310465	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	106622 1911771	187680	390078	907982	1272596	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	84562 1484594	142969	292524	692999	1015525	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	57066 1069352	99170	202597	483248	712273	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	53594 385173	50660	104828	218098	301087	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	70025 1260235	118143	243091	594202	817226	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	82180 1423918	143622	292154	697968	991853	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	26431 469266	46391	95389	229582	317902	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	3577 346083	32255	68244	165198	240331	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	130175 2228924	212961	438755	1045101	1525628	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	39042 319414	33150	68971	156831	221672	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	76222 1293395	127662	262087	604547	854594	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	75150 1336982	133536	289612	638631	932041	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	17415 189513	23784	45224	79140	126903	15.0 120	20.0	30.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

ANALYTE	IS REF	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
4-Nitrophenol	ANT	Ave	37961 242944	44217	69990	112330	163698	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	4324 392119	39237	80790	194213	276780	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	107067 1839704	182374	374814	880640	1273254	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	16662 303177	29112	59729	145225	205785	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	76385 1339054	132064	267099	641618	916299	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	40937 665822	68728	137219	319007	457315	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	84463 1406011	142282	291982	682511	975695	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	32919 286855	29815	61373	136881	189895	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	29212 226819	35553	59242	102347	152527	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	56268 899403	95549	185517	441067	612209	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	80442 1749096	165318	340657	803105	1133787	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	20094 357364	34064	69564	167747	245428	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2215 383243	36694	75893	182015	260181	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	17098 280563	30281	62806	145506	198715	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	29715 224269	35319	58748	100575	148643	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	9383 134673	14418	28715	68344	94985	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	54684 869487	94116	196477	460747	606833	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	96401 1613926	164722	334564	773548	1084888	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	96960 1600815	165331	338456	788588	1110038	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	77493 1268007	130026	262922	611287	843445	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	92507 1636341	157228	327915	794917	1110477	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

ANALYTE	IS REF	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
Fluoranthene	PHN	Ave	77616 1272256	126627	259655	617751	851140	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	19702 +++++	75978	66360	30773	29140	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	75374 1224278	124322	249495	596063	806805	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	23547 466818	41642	84722	221765	304029	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	LinF	9692 300608	21547	47263	138678	191034	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	25110 158337	44511	57842	74623	105346	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	4844 719388	71446	136943	344449	468158	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	29265 599547	51529	104604	277641	389600	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	41651 693188	69520	133276	334189	449784	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	LinF	27228 805582	56542	124553	372586	517223	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	1919 530962	44509	86867	240788	348974	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	2639 539008	54034	101497	265313	360415	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	1566 423540	36176	73305	196600	281409	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	LinF	1113 410467	29564	57222	171117	266451	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	1169 397751	30450	63799	174716	268680	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	16127 398128	31842	65466	176764	262729	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	57772 1197341	102892	208796	491953	720002	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	68142 1302943	118711	242644	573994	806651	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	55583 1101314	97427	202086	512752	701026	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	94869 1790921	161573	338008	824715	1119963	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	10289 204801	17672	38172	92505	129470	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 147868

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/18/2013 13:49 Calibration End Date: 02/18/2013 16:07 Calibration ID: 20311

ANALYTE	IS REF	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
Terphenyl-d14	CRY	Ave	47340 803029	77446	161983	388179	500555	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18529.d
Report Date: 18-Feb-2013 16:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18529.d
Lab Smp Id: ICIS-1995803
Inj Date : 18-FEB-2013 13:49
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-1995803
Misc Info : 50 ppm bna 4737
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/8270C_11.m
Meth Date : 18-Feb-2013 16:59 croccom Quant Type: ISTD
Cal Date : 18-FEB-2013 13:49 Cal File: z18529.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.844	1.844	(0.408)	210482	50.0000	47
19	N-Nitrosodimethylamine	74	2.085	2.085	(0.462)	299486	50.0000	48
71	Pyridine	79	2.114	2.114	(0.468)	521347	50.0000	47
$ 16	2-Fluorophenol (SUR)	112	3.232	3.232	(0.716)	491953	50.0000	47
110	Benzaldehyde	77	4.073	4.073	(0.902)	84100	50.0000	24
$ 17	Phenol-d5 (SUR)	99	4.149	4.149	(0.919)	573994	50.0000	48
1	Phenol	94	4.167	4.167	(0.923)	615876	50.0000	48
73	Aniline	93	4.185	4.185	(0.927)	705889	50.0000	48
20	bis(2-Chloroethyl)ether	93	4.244	4.244	(0.940)	494032	50.0000	48
2	2-Chlorophenol	128	4.308	4.308	(0.954)	520513	50.0000	48
113	n-decane	43	4.349	4.349	(0.964)	518396	50.0000	48
21	1,3-Dichlorobenzene	146	4.461	4.461	(0.988)	566938	50.0000	48
* 79	1,4-Dichlorobenzene-d4	152	4.514	4.514	(1.000)	283631	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18529.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.532	4.532	(1.004)	562044	50.0000	48
	74 Benzyl Alcohol	108	4.655	4.655	(1.031)	308796	50.0000	48
	23 1,2-Dichlorobenzene	146	4.685	4.685	(1.038)	524918	50.0000	48
	3 2-Methylphenol	108	4.767	4.767	(1.056)	424395	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.785	4.785	(1.060)	623447	50.0000	47
	4 4-Methylphenol	108	4.926	4.926	(1.091)	445879	50.0000	47
	123 3 & 4 Methylphenol	108	4.926	4.926	(1.091)	445879	50.0000	47
	104 Acetophenone	105	4.926	4.926	(1.091)	586438	50.0000	47
	25 N-Nitroso-di-n-propylamine	70	4.926	4.926	(1.091)	296885	50.0000	47
	26 Hexachloroethane	117	5.026	5.026	(1.113)	222213	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	5.073	5.073	(0.875)	512752	50.0000	51
	27 Nitrobenzene	77	5.096	5.096	(0.879)	640165	50.0000	48
	107 N,N-Dimethylaniline	120	5.096	5.096	(1.129)	698493	50.0000	48
	28 Isophorone	82	5.332	5.332	(0.920)	796265	50.0000	49
	5 2-Nitrophenol	139	5.408	5.408	(0.933)	260031	50.0000	50
	6 2,4-Dimethylphenol	122	5.455	5.455	(0.941)	410418	50.0000	49
	29 bis(2-Chloroethoxy)methane	93	5.543	5.543	(0.956)	503670	50.0000	49
	15 Benzoic Acid	122	5.596	5.596	(0.965)	246196	50.0000	52
	7 2,4-Dichlorophenol	162	5.655	5.655	(0.976)	341058	50.0000	49
	30 1,2,4-Trichlorobenzene	180	5.738	5.738	(0.990)	391685	50.0000	48
*	80 Naphthalene-d8	136	5.796	5.796	(1.000)	1021557	40.0000	
	31 Naphthalene	128	5.820	5.820	(1.004)	1362767	50.0000	48
	32 4-Chloroaniline	127	5.867	5.867	(1.012)	487806	50.0000	48
	33 Hexachlorobutadiene	225	5.943	5.943	(1.025)	216466	50.0000	47
	111 Caprolactam	113	6.249	6.249	(1.078)	112979	50.0000	53
	8 4-Chloro-3-methylphenol	107	6.361	6.361	(1.097)	356994	50.0000	50
	34 2-Methylnaphthalene	142	6.508	6.508	(1.123)	800805	50.0000	49
	120 1-Methylnaphthalene	142	6.608	6.608	(1.140)	823236	50.0000	49
	35 Hexachlorocyclopentadiene	237	6.673	6.673	(0.884)	200913	50.0000	48
	129 1,2,4,5-Tetrachlorobenzene	216	6.685	6.685	(0.885)	342268	50.0000	47
	121 2-tert-Butyl-4-methylphenol	149	6.708	6.708	(1.157)	559827	50.0000	49
	9 2,4,6-Trichlorophenol	196	6.790	6.790	(0.899)	228026	50.0000	49
	10 2,4,5-Trichlorophenol	196	6.832	6.832	(0.905)	227151	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.873	6.873	(0.910)	824715	50.0000	49
	102 Diphenyl	154	6.973	6.973	(0.924)	907982	50.0000	48
	36 2-Chloronaphthalene	162	6.996	6.996	(0.927)	692999	50.0000	48
	103 Diphenyl Ether	170	7.079	7.079	(0.938)	483248	50.0000	48
	37 2-Nitroaniline	65	7.096	7.096	(0.940)	218098	50.0000	47
	125 1,3-Dimethylnaphthalene	156	7.214	7.214	(0.956)	594202	50.0000	49
	38 Dimethylphthalate	163	7.279	7.279	(0.964)	697968	50.0000	49
	114 Coumarin	146	7.302	7.302	(1.260)	229582	50.0000	50
	40 2,6-Dinitrotoluene	165	7.337	7.337	(0.972)	165198	50.0000	50
	39 Acenaphthylene	152	7.408	7.408	(0.981)	1045101	50.0000	48
	41 3-Nitroaniline	138	7.502	7.502	(0.994)	156831	50.0000	48
*	82 Acenaphthene-d10	164	7.549	7.549	(1.000)	470636	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.561	7.561	(1.002)	604547	50.0000	47
	42 Acenaphthene	154	7.579	7.579	(1.004)	638631	50.0000	48

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18529.d
Report Date: 18-Feb-2013 16:59

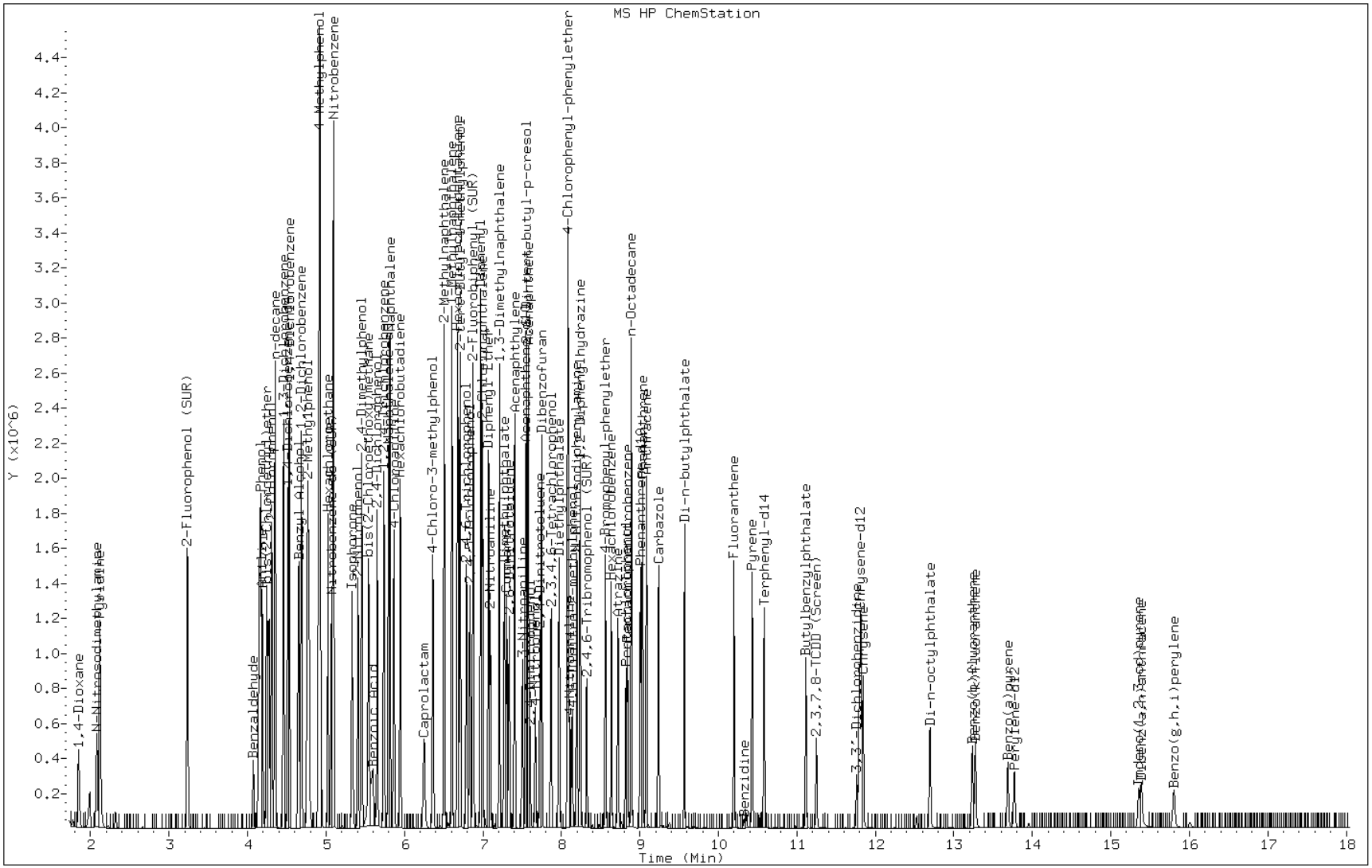
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.602	7.602	(1.007)	79140	50.0000	49
	12 4-Nitrophenol	65	7.667	7.667	(1.016)	112330	50.0000	49
	44 2,4-Dinitrotoluene	165	7.732	7.732	(1.024)	194213	50.0000	50
	43 Dibenzofuran	168	7.749	7.749	(1.026)	880640	50.0000	48
	130 2,3,4,6-Tetrachlorophenol	232	7.873	7.873	(1.043)	145225	50.0000	49
	45 Diethylphthalate	149	7.967	7.967	(1.055)	641618	50.0000	48
	46 4-Chlorophenyl-phenylether	204	8.079	8.079	(1.070)	319007	50.0000	47
	47 Fluorene	166	8.084	8.084	(1.071)	682511	50.0000	48
	48 4-Nitroaniline	138	8.108	8.108	(1.074)	136881	50.0000	48
	13 4,6-Dinitro-2-methylphenol	198	8.137	8.137	(0.903)	102347	50.0000	51
	49 N-Nitrosodiphenylamine	169	8.202	8.202	(0.911)	441067	50.0000	48
	75 1,2-Diphenylhydrazine	77	8.237	8.237	(0.914)	803105	50.0000	49
$	18 2,4,6-Tribromophenol (SUR)	330	8.326	8.326	(1.103)	92505	50.0000	49
	50 4-Bromophenyl-phenylether	248	8.561	8.561	(0.950)	167747	50.0000	48
	51 Hexachlorobenzene	284	8.637	8.637	(0.959)	182015	50.0000	48
	112 Atrazine	200	8.720	8.720	(0.968)	145506	50.0000	49
	14 Pentachlorophenol	266	8.826	8.826	(0.980)	100575	50.0000	51
	132 Pentachloronitrobenzene	237	8.843	8.843	(0.982)	68344	50.0000	48
	115 n-Octadecane	57	8.890	8.890	(0.987)	460747	50.0000	50
*	83 Phenanthrene-d10	188	9.008	9.008	(1.000)	574349	40.0000	
	52 Phenanthrene	178	9.031	9.031	(1.003)	773548	50.0000	48
	53 Anthracene	178	9.084	9.084	(1.008)	788588	50.0000	48
	54 Carbazole	167	9.237	9.237	(1.025)	611287	50.0000	48
	55 Di-n-butylphthalate	149	9.567	9.567	(1.062)	794917	50.0000	49
	56 Fluoranthene	202	10.202	10.202	(1.133)	617751	50.0000	48
	58 Benzidine	184	10.325	10.325	(1.146)	30773	50.0000	15
	57 Pyrene	202	10.431	10.431	(0.883)	596063	50.0000	48
$	78 Terphenyl-d14	244	10.584	10.584	(0.896)	388179	50.0000	48
	59 Butylbenzylphthalate	149	11.114	11.114	(0.941)	221765	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	11.243	11.243	(0.952)	466	0.50000	0.50
	124 Carbamazepine	193	11.249	11.249	(0.952)	138678	50.0000	45
	60 3,3'-Dichlorobenzidine	252	11.761	11.761	(0.996)	74623	50.0000	40
	61 Benzo(a)anthracene	228	11.796	11.796	(0.998)	344449	50.0000	47
*	81 Chrysene-d12	240	11.814	11.814	(1.000)	233116	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.819	11.819	(1.000)	277641	50.0000	50
	62 Chrysene	228	11.843	11.843	(1.002)	334189	50.0000	48
	64 Di-n-octylphthalate	149	12.696	12.696	(0.922)	372586	50.0000	47
	65 Benzo(b)fluoranthene	252	13.237	13.237	(0.961)	240788	50.0000	51
	66 Benzo(k)fluoranthene	252	13.272	13.272	(0.964)	265313	50.0000	50
	67 Benzo(a)pyrene	252	13.690	13.690	(0.994)	196600	50.0000	52
*	84 Perylene-d12	264	13.772	13.772	(1.000)	162420	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.355	15.355	(1.115)	171117	50.0000	43
	69 Dibenz(a,h)anthracene	278	15.390	15.390	(1.117)	174716	50.0000	44
	70 Benzo(g,h,i)perylene	276	15.802	15.802	(1.147)	176764	50.0000	50

Data File: z18529.d

Date: 18-FEB-2013 13:49

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-1995803 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18530.d
Report Date: 18-Feb-2013 16:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18530.d
Lab Smp Id: IC-1995804
Inj Date : 18-FEB-2013 14:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1995804
Misc Info : 120 ppm bna 4737
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/8270C_11.m
Meth Date : 18-Feb-2013 16:59 croccom Quant Type: ISTD
Cal Date : 18-FEB-2013 14:30 Cal File: z18530.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.979	1.979	(0.437)	544594	120.000	120(AMH)
	19 N-Nitrosodimethylamine	74	2.191	2.191	(0.484)	753127	120.000	120(AMH)
	71 Pyridine	79	2.226	2.226	(0.492)	1328962	120.000	120(AM)
$	16 2-Fluorophenol (SUR)	112	3.320	3.320	(0.734)	1197341	120.000	120
	110 Benzaldehyde	77	4.108	4.108	(0.908)	35757	120.000	10
$	17 Phenol-d5 (SUR)	99	4.173	4.173	(0.922)	1302943	120.000	110
	1 Phenol	94	4.191	4.191	(0.926)	1422255	120.000	110
	73 Aniline	93	4.261	4.261	(0.942)	1761997	120.000	120(AM)
	20 bis(2-Chloroethyl)ether	93	4.279	4.279	(0.945)	1155548	120.000	120(M)
	2 2-Chlorophenol	128	4.343	4.343	(0.960)	1125969	120.000	110
	113 n-decane	43	4.361	4.361	(0.964)	1011240	120.000	95
	21 1,3-Dichlorobenzene	146	4.479	4.479	(0.990)	1396811	120.000	120(A)
*	79 1,4-Dichlorobenzene-d4	152	4.526	4.526	(1.000)	277000	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18530.d
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							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.543	4.543	(1.004)	1373925	120.000	120
	74 Benzyl Alcohol	108	4.673	4.673	(1.032)	699689	120.000	110
	23 1,2-Dichlorobenzene	146	4.696	4.696	(1.038)	1249782	120.000	120
	3 2-Methylphenol	108	4.779	4.779	(1.056)	928264	120.000	110
	24 bis (2-chloroisopropyl) ether	45	4.790	4.790	(1.058)	1254875	120.000	98
	4 4-Methylphenol	108	4.949	4.949	(1.094)	976347	120.000	110
	123 3 & 4 Methylphenol	108	4.949	4.949	(1.094)	976980	120.000	110
	104 Acetophenone	105	4.938	4.938	(1.091)	1279954	120.000	100
	25 N-Nitroso-di-n-propylamine	70	4.973	4.973	(1.099)	671771	120.000	110(M)
	26 Hexachloroethane	117	5.032	5.032	(1.112)	522609	120.000	120
$	76 Nitrobenzene-d5 (SUR)	82	5.090	5.090	(0.877)	1101314	120.000	120
	27 Nitrobenzene	77	5.114	5.114	(0.881)	1370140	120.000	110
	107 N,N-Dimethylaniline	120	5.114	5.114	(1.130)	1602294	120.000	110
	28 Isophorone	82	5.361	5.361	(0.924)	1768641	120.000	120
	5 2-Nitrophenol	139	5.420	5.420	(0.934)	599697	120.000	120(A)
	6 2,4-Dimethylphenol	122	5.473	5.473	(0.943)	880449	120.000	110
	29 bis(2-Chloroethoxy)methane	93	5.555	5.555	(0.957)	1132973	120.000	120
	15 Benzoic Acid	122	5.637	5.637	(0.972)	532436	120.000	120(M)
	7 2,4-Dichlorophenol	162	5.667	5.667	(0.977)	752763	120.000	110
	30 1,2,4-Trichlorobenzene	180	5.743	5.743	(0.990)	926395	120.000	120
*	80 Naphthalene-d8	136	5.802	5.802	(1.000)	971649	40.0000	
	31 Naphthalene	128	5.826	5.826	(1.004)	3110333	120.000	120
	32 4-Chloroaniline	127	5.879	5.879	(1.013)	1035687	120.000	110
	33 Hexachlorobutadiene	225	5.949	5.949	(1.025)	507624	120.000	120
	111 Caprolactam	113	6.308	6.308	(1.087)	211009	120.000	100
	8 4-Chloro-3-methylphenol	107	6.379	6.379	(1.099)	753096	120.000	110
	34 2-Methylnaphthalene	142	6.514	6.514	(1.123)	1807423	120.000	120
	120 1-Methylnaphthalene	142	6.614	6.614	(1.140)	1836818	120.000	120
	35 Hexachlorocyclopentadiene	237	6.679	6.679	(0.885)	473124	120.000	130(A)
	129 1,2,4,5-Tetrachlorobenzene	216	6.690	6.690	(0.886)	796703	120.000	120(A)
	121 2-tert-Butyl-4-methylphenol	149	6.720	6.720	(1.158)	1107505	120.000	100
	9 2,4,6-Trichlorophenol	196	6.802	6.802	(0.901)	516517	120.000	130(A)
	10 2,4,5-Trichlorophenol	196	6.849	6.849	(0.907)	474155	120.000	120
$	77 2-Fluorobiphenyl (SUR)	172	6.879	6.879	(0.911)	1790921	120.000	120(A)
	102 Diphenyl	154	6.984	6.984	(0.925)	1911771	120.000	120
	36 2-Chloronaphthalene	162	7.002	7.002	(0.928)	1484594	120.000	120
	103 Diphenyl Ether	170	7.084	7.084	(0.938)	1069352	120.000	120(A)
	37 2-Nitroaniline	65	7.108	7.108	(0.942)	385173	120.000	95
	125 1,3-Dimethylnaphthalene	156	7.220	7.220	(0.956)	1260235	120.000	120
	38 Dimethylphthalate	163	7.284	7.284	(0.965)	1423918	120.000	110
	114 Coumarin	146	7.320	7.320	(1.262)	469266	120.000	110
	40 2,6-Dinitrotoluene	165	7.349	7.349	(0.974)	346083	120.000	120
	39 Acenaphthylene	152	7.414	7.414	(0.982)	2228924	120.000	120
	41 3-Nitroaniline	138	7.514	7.514	(0.995)	319414	120.000	110
*	82 Acenaphthene-d10	164	7.549	7.549	(1.000)	413737	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.567	7.567	(1.002)	1293395	120.000	120
	42 Acenaphthene	154	7.590	7.590	(1.005)	1336982	120.000	110

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18530.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.614	7.614	(1.009)	189513	120.000	120
	12 4-Nitrophenol	65	7.684	7.684	(1.018)	242944	120.000	120(A)
	44 2,4-Dinitrotoluene	165	7.743	7.743	(1.026)	392119	120.000	110
	43 Dibenzofuran	168	7.755	7.755	(1.027)	1839704	120.000	110
	130 2,3,4,6-Tetrachlorophenol	232	7.879	7.879	(1.044)	303177	120.000	120
	45 Diethylphthalate	149	7.979	7.979	(1.057)	1339054	120.000	120
	46 4-Chlorophenyl-phenylether	204	8.084	8.084	(1.071)	665822	120.000	110
	47 Fluorene	166	8.096	8.096	(1.072)	1406011	120.000	110
	48 4-Nitroaniline	138	8.131	8.131	(1.077)	286855	120.000	110
	13 4,6-Dinitro-2-methylphenol	198	8.149	8.149	(0.904)	226819	120.000	140(A)
	49 N-Nitrosodiphenylamine	169	8.208	8.208	(0.911)	899403	120.000	120
	75 1,2-Diphenylhydrazine	77	8.249	8.249	(0.915)	1749096	120.000	130(A)
$	18 2,4,6-Tribromophenol (SUR)	330	8.331	8.331	(1.104)	204801	120.000	120(A)
	50 4-Bromophenyl-phenylether	248	8.567	8.567	(0.950)	357364	120.000	120(A)
	51 Hexachlorobenzene	284	8.643	8.643	(0.959)	383243	120.000	120(A)
	112 Atrazine	200	8.737	8.737	(0.969)	280563	120.000	110
	14 Pentachlorophenol	266	8.831	8.831	(0.980)	224269	120.000	140(A)
	132 Pentachloronitrobenzene	237	8.849	8.849	(0.982)	134673	120.000	110
	115 n-Octadecane	57	8.896	8.896	(0.987)	869487	120.000	110
*	83 Phenanthrene-d10	188	9.014	9.014	(1.000)	478060	40.0000	
	52 Phenanthrene	178	9.043	9.043	(1.003)	1613926	120.000	120
	53 Anthracene	178	9.090	9.090	(1.008)	1600815	120.000	120
	54 Carbazole	167	9.243	9.243	(1.025)	1268007	120.000	120
	55 Di-n-butylphthalate	149	9.573	9.573	(1.062)	1636341	120.000	120(A)
	56 Fluoranthene	202	10.208	10.208	(1.132)	1272256	120.000	120
	58 Benzidine	184	10.331	10.331	(1.146)	41526	120.000	24
	57 Pyrene	202	10.443	10.443	(0.884)	1224278	120.000	120(A)
$	78 Terphenyl-d14	244	10.590	10.590	(0.896)	803029	120.000	130(A)
	59 Butylbenzylphthalate	149	11.119	11.119	(0.941)	466818	120.000	140(A)
	124 Carbamazepine	193	11.261	11.261	(0.953)	300608	120.000	120(A)
	60 3,3'-Dichlorobenzidine	252	11.767	11.767	(0.996)	158337	120.000	110(A)
	61 Benzo(a)anthracene	228	11.808	11.808	(0.999)	719388	120.000	130(A)
*	81 Chrysene-d12	240	11.819	11.819	(1.000)	181451	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.825	11.825	(1.000)	599547	120.000	140(A)
	62 Chrysene	228	11.855	11.855	(1.003)	693188	120.000	130(A)
	64 Di-n-octylphthalate	149	12.702	12.702	(0.922)	805582	120.000	120(A)
	65 Benzo(b)fluoranthene	252	13.249	13.249	(0.962)	530962	120.000	140(A)
	66 Benzo(k)fluoranthene	252	13.284	13.284	(0.965)	539008	120.000	120(A)
	67 Benzo(a)pyrene	252	13.702	13.702	(0.995)	423540	120.000	130(A)
*	84 Perylene-d12	264	13.772	13.772	(1.000)	135563	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.372	15.372	(1.116)	410467	120.000	120(AM)
	69 Dibenz(a,h)anthracene	278	15.402	15.402	(1.118)	397751	120.000	120(A)
	70 Benzo(g,h,i)perylene	276	15.819	15.819	(1.149)	398128	120.000	140(A)

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18530.d
Report Date: 18-Feb-2013 16:59

QC Flag Legend

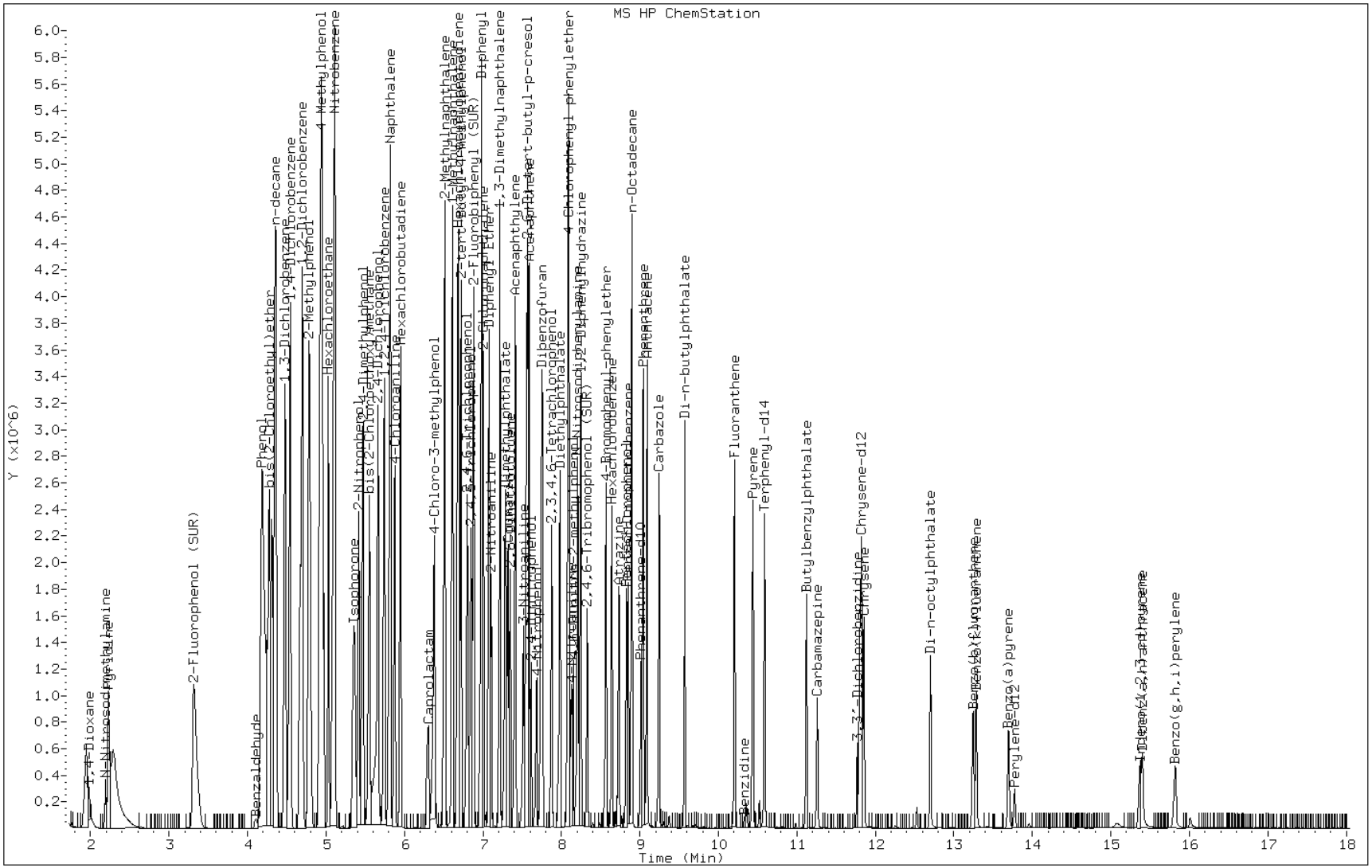
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z18530.d

Date: 18-FEB-2013 14:30

Client ID: Instrument: BNAMS11.i

Sample Info: IC-1995804 Operator: BNAMS 4



Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 106 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/19/2013

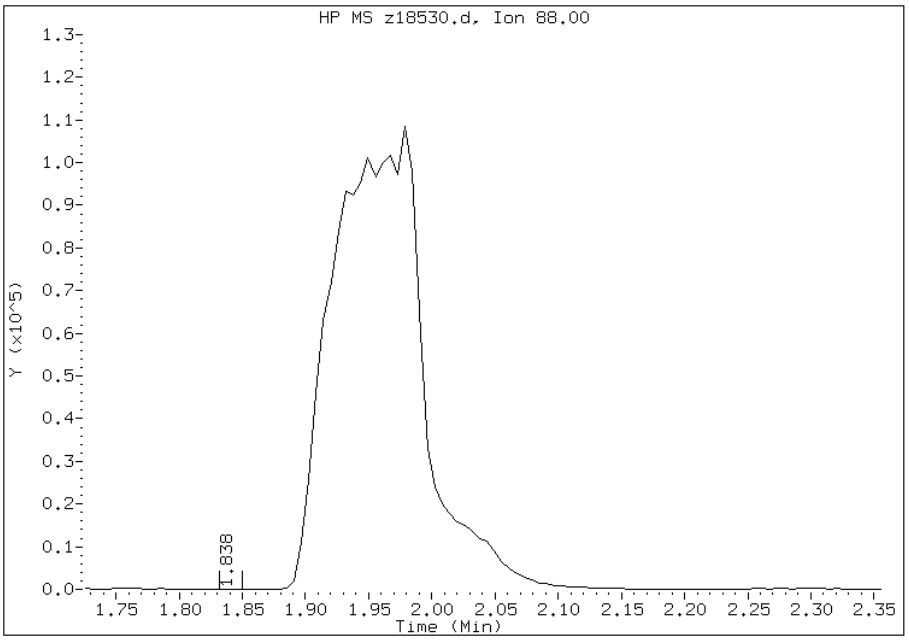
Processing Integration Results

RT: 1.84

Response: 79

Amount: 0

Conc: 0



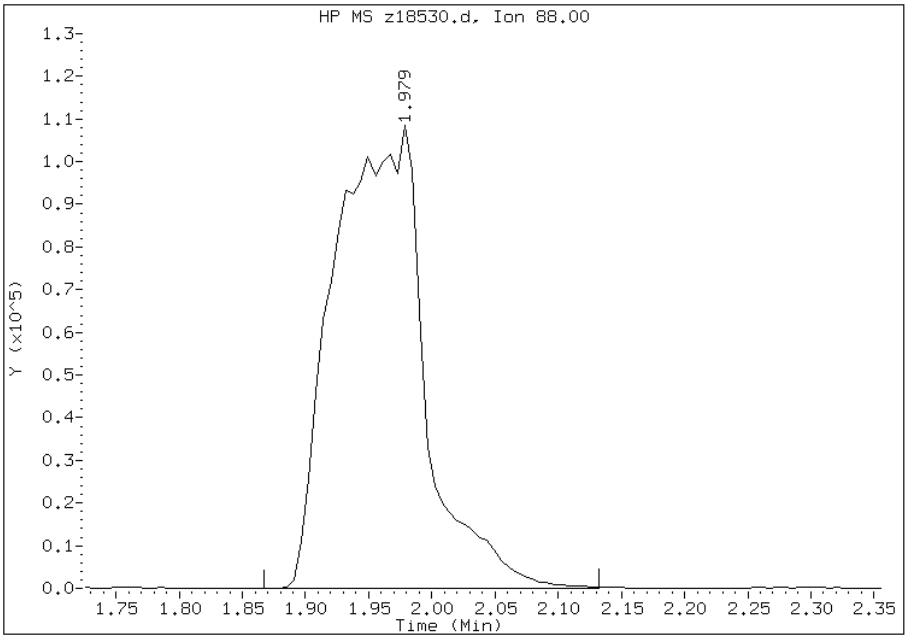
Manual Integration Results

RT: 1.98

Response: 544594

Amount: 125

Conc: 125



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 02/19/2013

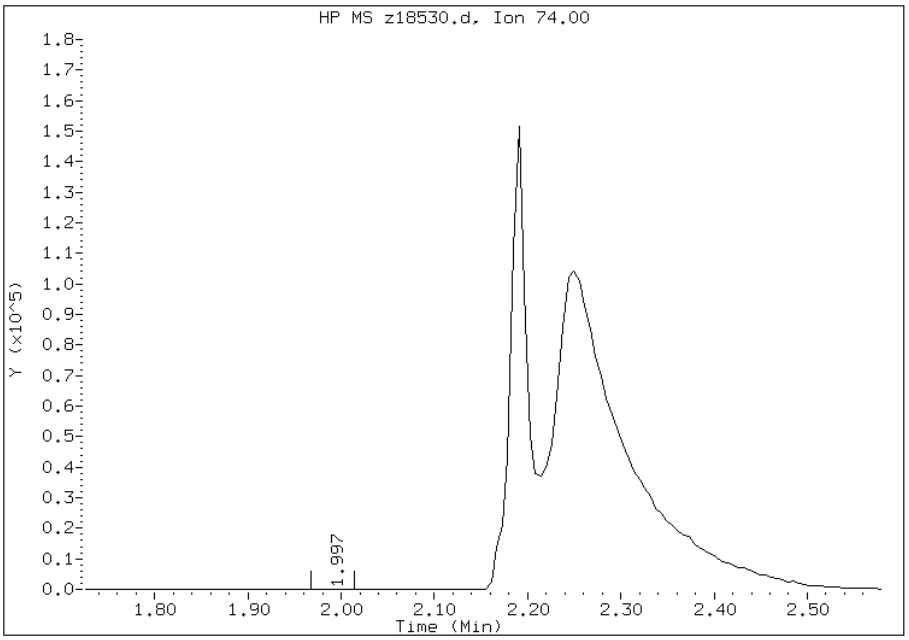
Processing Integration Results

RT: 2.00

Response: 180

Amount: 0

Conc: 0



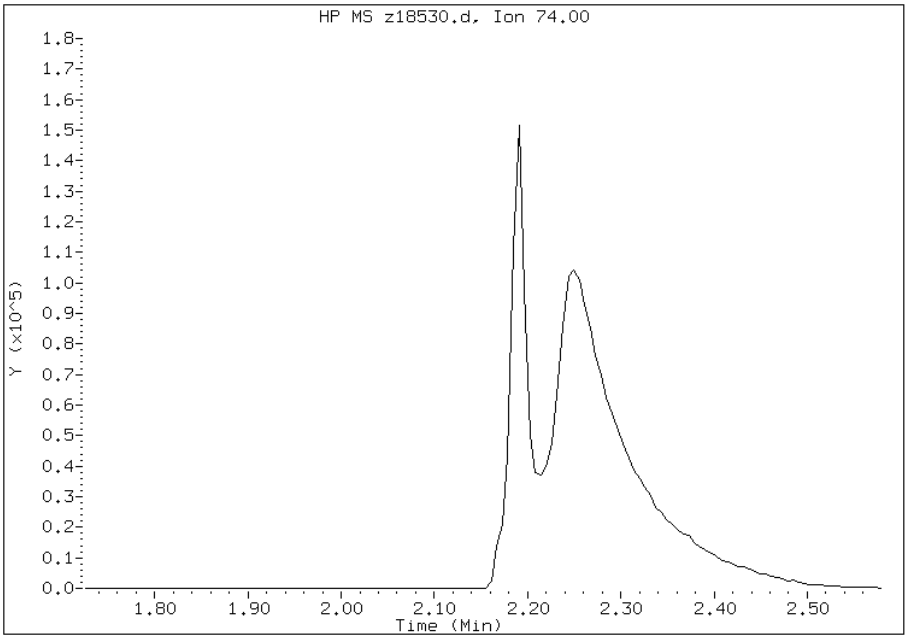
Manual Integration Results

RT: 2.19

Response: 753127

Amount: 124

Conc: 124



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 02/19/2013

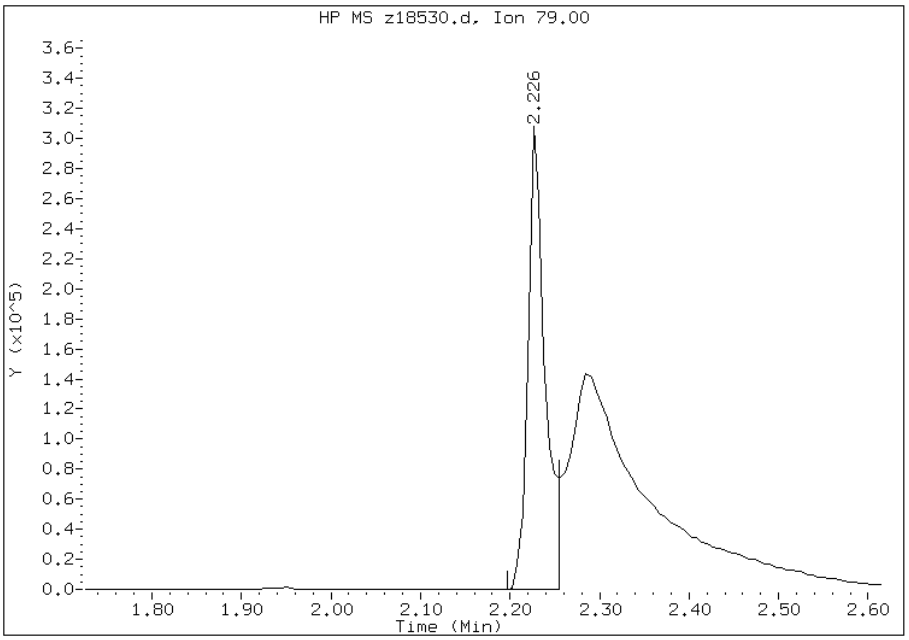
Processing Integration Results

RT: 2.23

Response: 419097

Amount: 55

Conc: 55



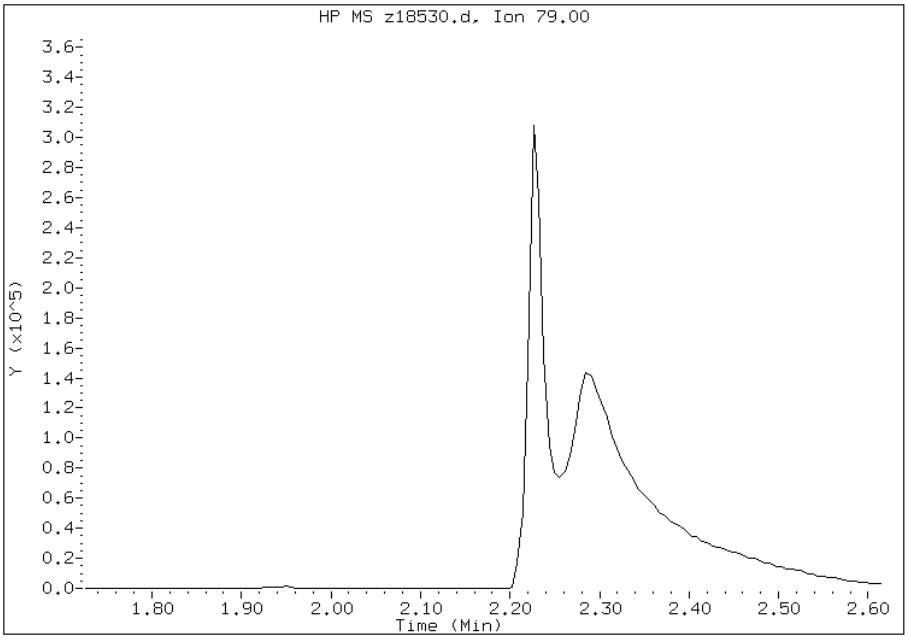
Manual Integration Results

RT: 2.23

Response: 1328962

Amount: 123

Conc: 123



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 73 Aniline
CAS #: 62-53-3
Report Date: 02/19/2013

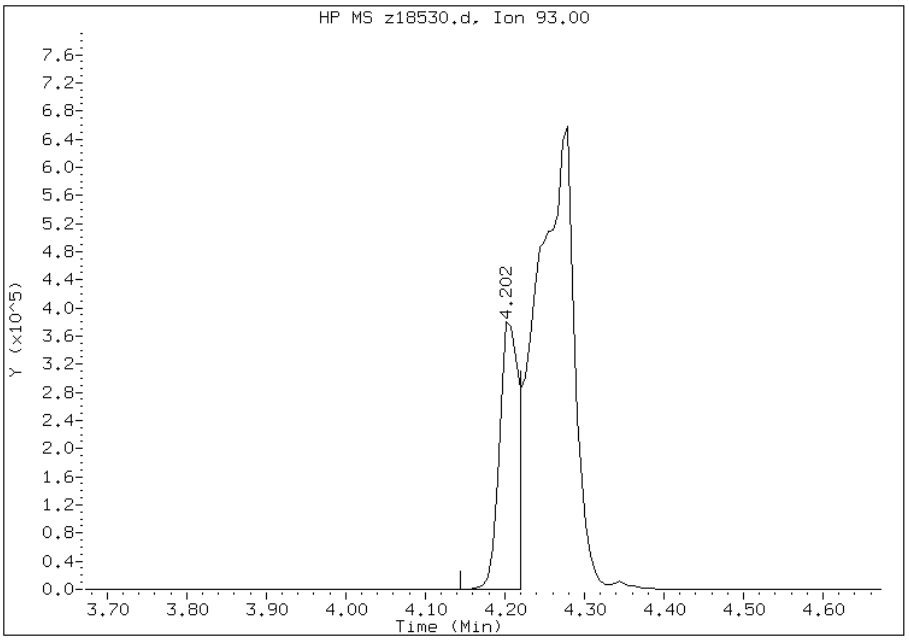
Processing Integration Results

RT: 4.20

Response: 673571

Amount: 47

Conc: 47



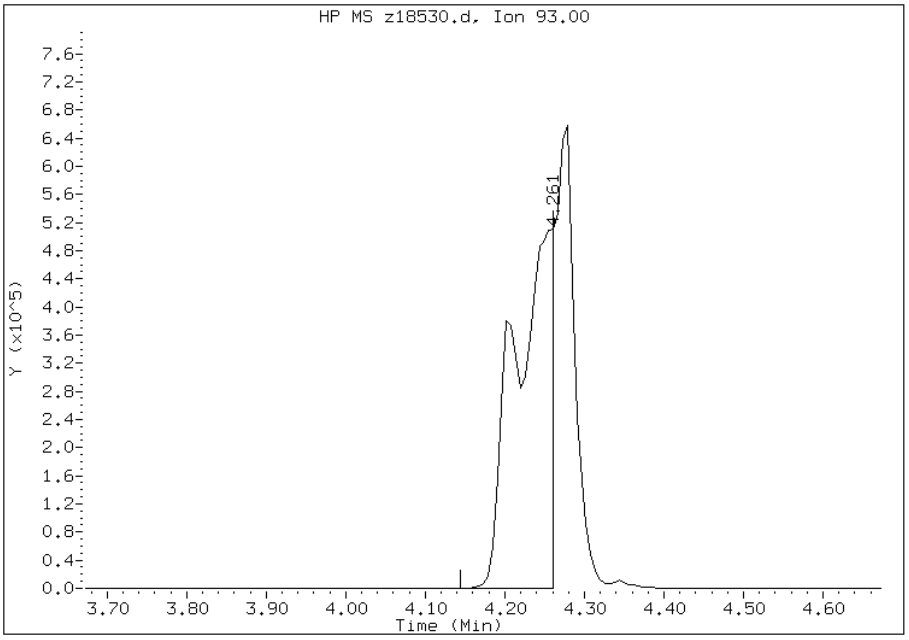
Manual Integration Results

RT: 4.26

Response: 1761997

Amount: 122

Conc: 122



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 20 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 02/19/2013

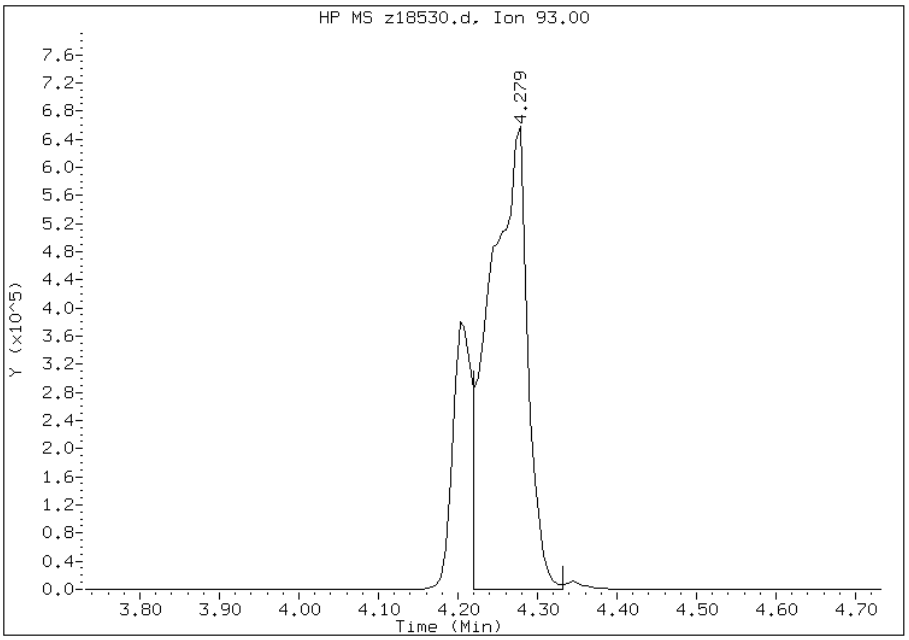
Processing Integration Results

RT: 4.28

Response: 2195404

Amount: 120

Conc: 120



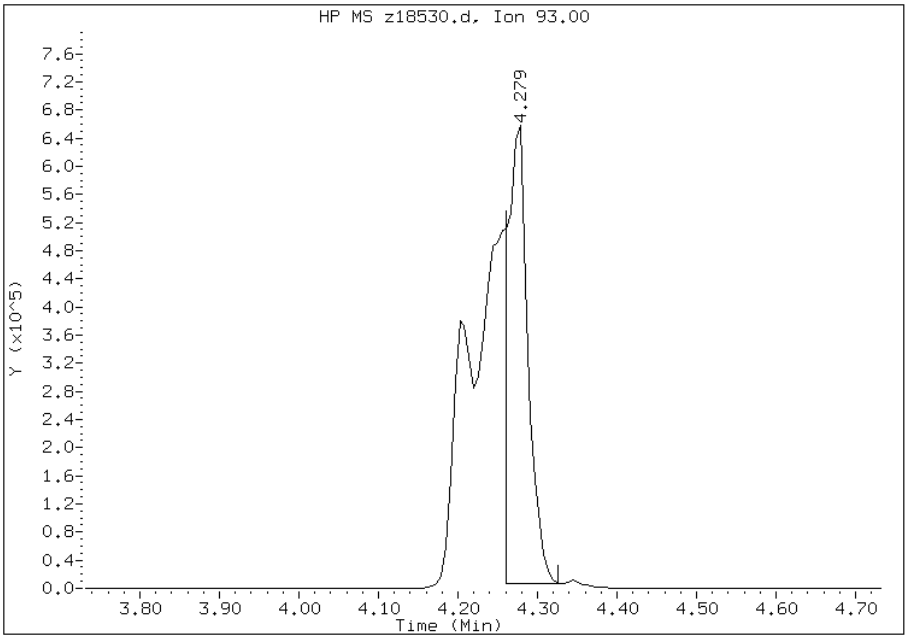
Manual Integration Results

RT: 4.28

Response: 1155548

Amount: 119

Conc: 119



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 02/19/2013

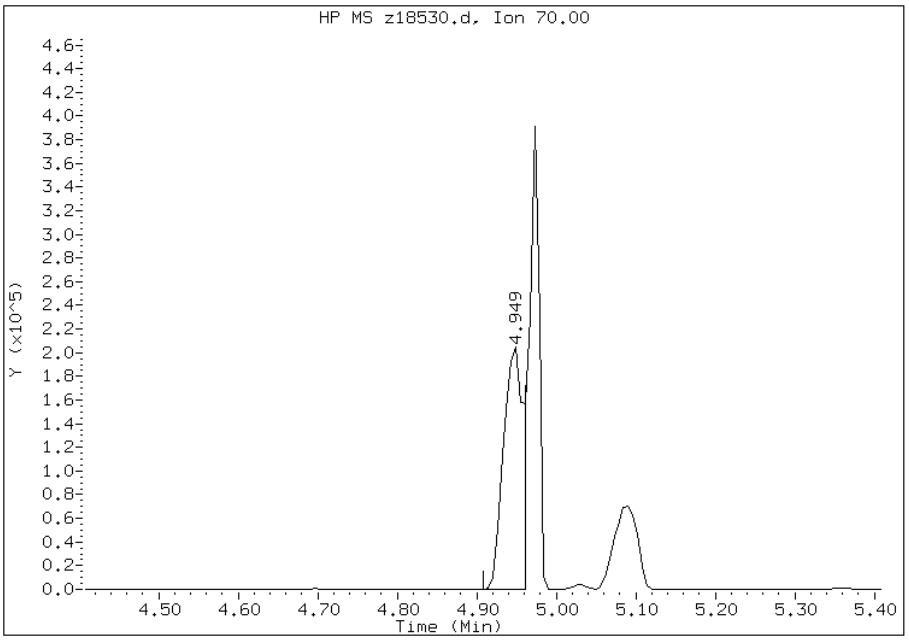
Processing Integration Results

RT: 4.95

Response: 366387

Amount: 64

Conc: 64



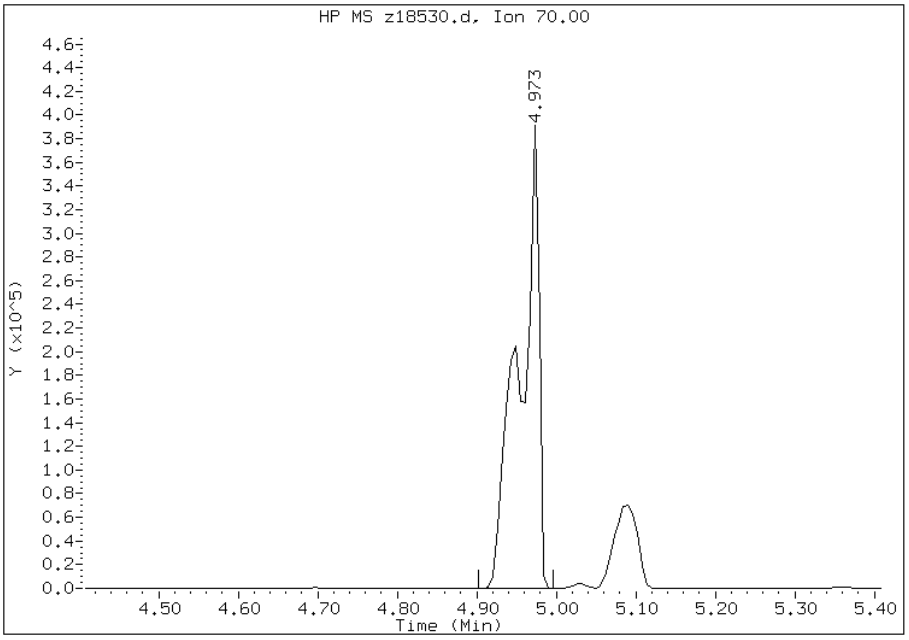
Manual Integration Results

RT: 4.97

Response: 671771

Amount: 109

Conc: 109



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 02/19/2013

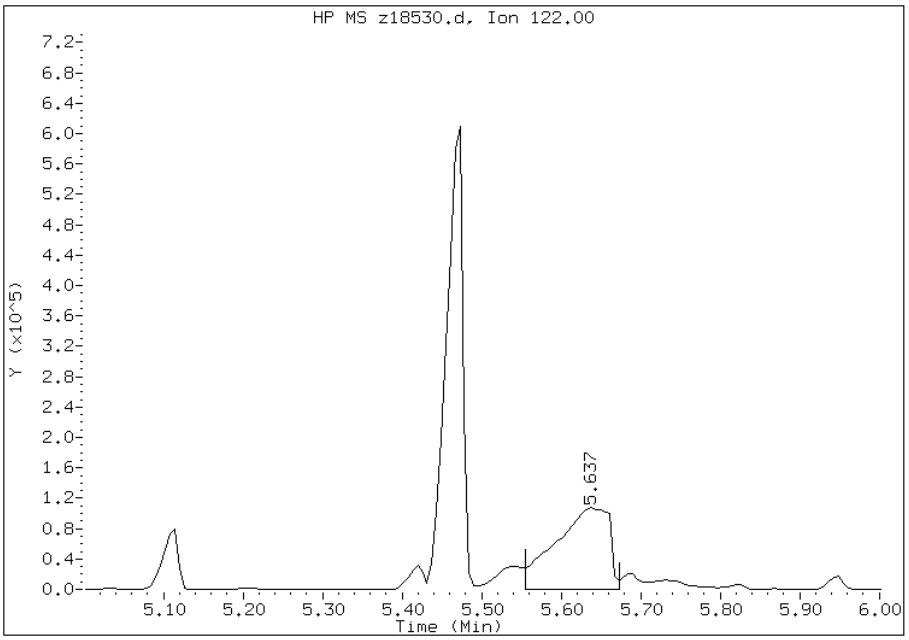
Processing Integration Results

RT: 5.64

Response: 509361

Amount: 114

Conc: 114



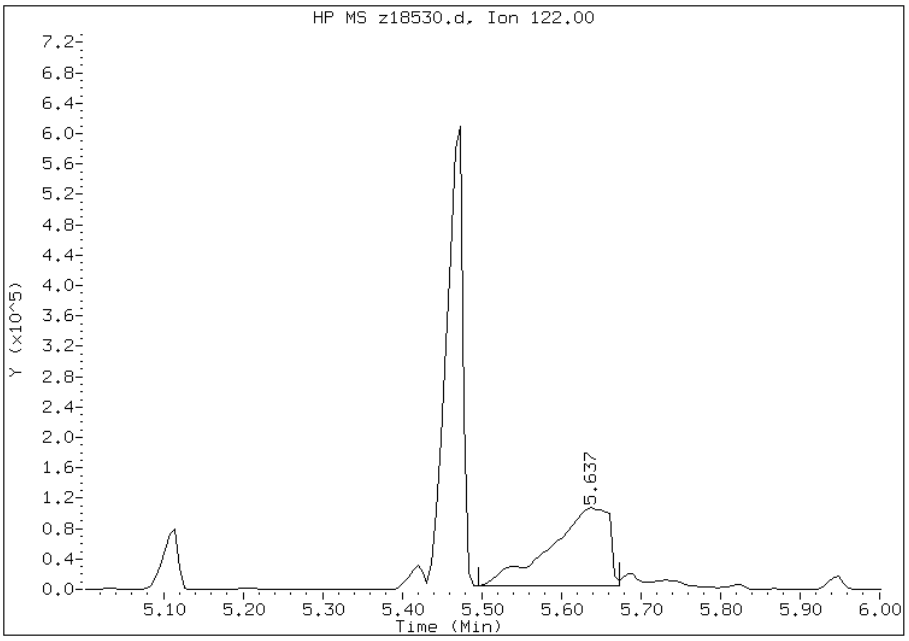
Manual Integration Results

RT: 5.64

Response: 532436

Amount: 118

Conc: 118



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z18530.d
Inj. Date and Time: 18-FEB-2013 14:30
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 02/19/2013

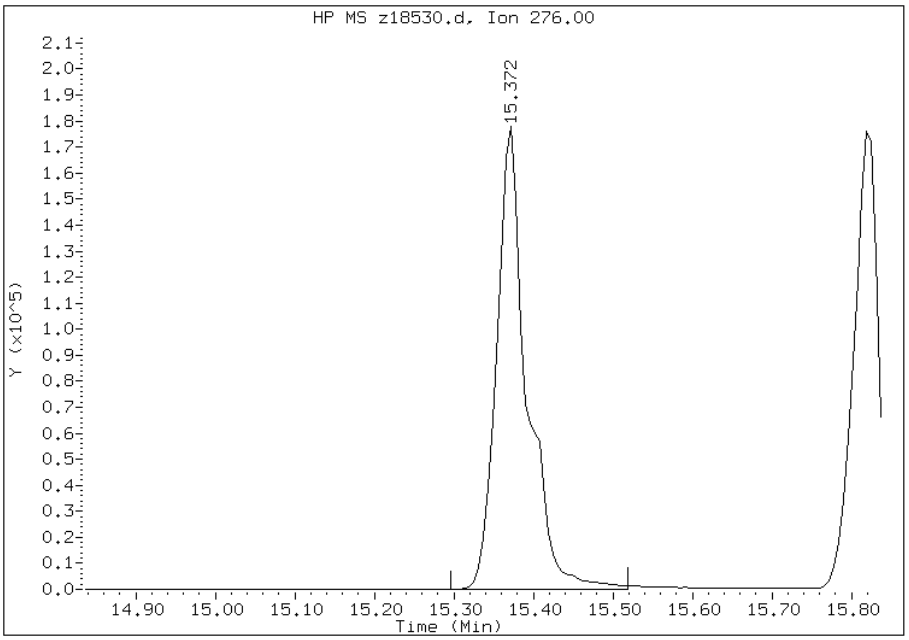
Processing Integration Results

RT: 15.37

Response: 476583

Amount: 132

Conc: 132



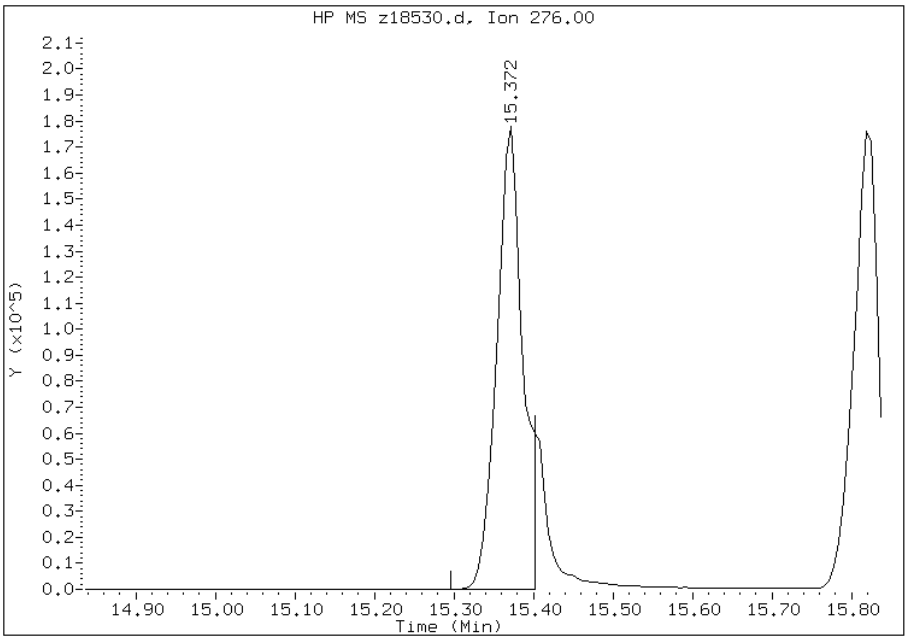
Manual Integration Results

RT: 15.37

Response: 410467

Amount: 123

Conc: 123



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18531.d
Report Date: 18-Feb-2013 16:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18531.d
Lab Smp Id: IC-1995805
Inj Date : 18-FEB-2013 14:54
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1995805
Misc Info : 80 ppm bna 4737
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/8270C_11.m
Meth Date : 18-Feb-2013 16:59 croccom Quant Type: ISTD
Cal Date : 18-FEB-2013 14:54 Cal File: z18531.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.891	1.891	(0.418)	345241	80.0000	83(H)
19	N-Nitrosodimethylamine	74	2.161	2.161	(0.478)	472688	80.0000	82(MH)
71	Pyridine	79	2.197	2.197	(0.486)	822961	80.0000	80(M)
$ 16	2-Fluorophenol (SUR)	112	3.279	3.279	(0.725)	720002	80.0000	74(H)
110	Benzaldehyde	77	4.085	4.085	(0.904)	53257	80.0000	16
$ 17	Phenol-d5 (SUR)	99	4.167	4.167	(0.922)	806651	80.0000	72
1	Phenol	94	4.185	4.185	(0.926)	863720	80.0000	73
73	Aniline	93	4.196	4.196	(0.928)	1050801	80.0000	77
20	bis(2-Chloroethyl)ether	93	4.261	4.261	(0.943)	769015	80.0000	82
2	2-Chlorophenol	128	4.320	4.320	(0.956)	717458	80.0000	72
113	n-decane	43	4.355	4.355	(0.964)	715950	80.0000	71
21	1,3-Dichlorobenzene	146	4.467	4.467	(0.988)	859056	80.0000	78
* 79	1,4-Dichlorobenzene-d4	152	4.520	4.520	(1.000)	263131	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18531.d
Report Date: 18-Feb-2013 16:59

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	4.538	4.538	(1.004)	855038	80.0000	78
	74 Benzyl Alcohol	108	4.667	4.667	(1.033)	470345	80.0000	79
	23 1,2-Dichlorobenzene	146	4.691	4.691	(1.038)	792609	80.0000	78
	3 2-Methylphenol	108	4.773	4.773	(1.056)	578487	80.0000	71
	24 bis (2-chloroisopropyl) ether	45	4.791	4.791	(1.060)	867562	80.0000	71
	4 4-Methylphenol	108	4.938	4.938	(1.092)	606141	80.0000	69
	123 3 & 4 Methylphenol	108	4.938	4.938	(1.092)	606141	80.0000	69
	104 Acetophenone	105	4.932	4.932	(1.091)	829442	80.0000	72
	25 N-Nitroso-di-n-propylamine	70	4.938	4.938	(1.092)	445003	80.0000	76(M)
	26 Hexachloroethane	117	5.026	5.026	(1.112)	336739	80.0000	79
$	76 Nitrobenzene-d5 (SUR)	82	5.079	5.079	(0.876)	701026	80.0000	76
	27 Nitrobenzene	77	5.108	5.108	(0.881)	933460	80.0000	76
	107 N,N-Dimethylaniline	120	5.108	5.108	(1.130)	1060326	80.0000	78
	28 Isophorone	82	5.343	5.343	(0.922)	1182346	80.0000	80
	5 2-Nitrophenol	139	5.414	5.414	(0.934)	363554	80.0000	75
	6 2,4-Dimethylphenol	122	5.461	5.461	(0.942)	559632	80.0000	73
	29 bis(2-Chloroethoxy)methane	93	5.549	5.549	(0.957)	744324	80.0000	79
	15 Benzoic Acid	122	5.626	5.626	(0.971)	350319	80.0000	80
	7 2,4-Dichlorophenol	162	5.661	5.661	(0.977)	464633	80.0000	72
	30 1,2,4-Trichlorobenzene	180	5.743	5.743	(0.991)	590998	80.0000	78
*	80 Naphthalene-d8	136	5.796	5.796	(1.000)	940336	40.0000	
	31 Naphthalene	128	5.820	5.820	(1.004)	2035755	80.0000	78
	32 4-Chloroaniline	127	5.873	5.873	(1.013)	710962	80.0000	75
	33 Hexachlorobutadiene	225	5.949	5.949	(1.026)	325816	80.0000	77
	111 Caprolactam	113	6.279	6.279	(1.083)	158181	80.0000	81
	8 4-Chloro-3-methylphenol	107	6.367	6.367	(1.098)	482811	80.0000	73
	34 2-Methylnaphthalene	142	6.508	6.508	(1.123)	1184156	80.0000	78
	120 1-Methylnaphthalene	142	6.608	6.608	(1.140)	1150543	80.0000	75
	35 Hexachlorocyclopentadiene	237	6.679	6.679	(0.885)	309002	80.0000	83
	129 1,2,4,5-Tetrachlorobenzene	216	6.685	6.685	(0.885)	478082	80.0000	74
	121 2-tert-Butyl-4-methylphenol	149	6.714	6.714	(1.158)	777036	80.0000	74
	9 2,4,6-Trichlorophenol	196	6.796	6.796	(0.900)	304893	80.0000	74
	10 2,4,5-Trichlorophenol	196	6.838	6.838	(0.906)	310465	80.0000	75
$	77 2-Fluorobiphenyl (SUR)	172	6.879	6.879	(0.911)	1119963	80.0000	76
	102 Diphenyl	154	6.979	6.979	(0.924)	1272596	80.0000	76
	36 2-Chloronaphthalene	162	6.996	6.996	(0.927)	1015525	80.0000	79
	103 Diphenyl Ether	170	7.079	7.079	(0.938)	712273	80.0000	79
	37 2-Nitroaniline	65	7.102	7.102	(0.941)	301087	80.0000	74
	125 1,3-Dimethylnaphthalene	156	7.214	7.214	(0.956)	817226	80.0000	76
	38 Dimethylphthalate	163	7.279	7.279	(0.964)	991853	80.0000	78
	114 Coumarin	146	7.308	7.308	(1.261)	317902	80.0000	75
	40 2,6-Dinitrotoluene	165	7.343	7.343	(0.973)	240331	80.0000	81
	39 Acenaphthylene	152	7.408	7.408	(0.981)	1525628	80.0000	79
	41 3-Nitroaniline	138	7.508	7.508	(0.995)	221672	80.0000	76
*	82 Acenaphthene-d10	164	7.549	7.549	(1.000)	418274	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.567	7.567	(1.002)	854594	80.0000	75
	42 Acenaphthene	154	7.585	7.585	(1.005)	932041	80.0000	78

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18531.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.608	7.608	(1.008)	126903	80.0000	84
	12 4-Nitrophenol	65	7.673	7.673	(1.016)	163698	80.0000	80
	44 2,4-Dinitrotoluene	165	7.737	7.737	(1.025)	276780	80.0000	79
	43 Dibenzofuran	168	7.755	7.755	(1.027)	1273254	80.0000	78
	130 2,3,4,6-Tetrachlorophenol	232	7.873	7.873	(1.043)	205785	80.0000	78
	45 Diethylphthalate	149	7.973	7.973	(1.056)	916299	80.0000	78
	46 4-Chlorophenyl-phenylether	204	8.084	8.084	(1.071)	457315	80.0000	76
	47 Fluorene	166	8.090	8.090	(1.072)	975695	80.0000	77
	48 4-Nitroaniline	138	8.120	8.120	(1.076)	189895	80.0000	74
	13 4,6-Dinitro-2-methylphenol	198	8.143	8.143	(0.904)	152527	80.0000	89
	49 N-Nitrosodiphenylamine	169	8.202	8.202	(0.911)	612209	80.0000	78
	75 1,2-Diphenylhydrazine	77	8.243	8.243	(0.915)	1133787	80.0000	81
$	18 2,4,6-Tribromophenol (SUR)	330	8.332	8.332	(1.104)	129470	80.0000	78
	50 4-Bromophenyl-phenylether	248	8.567	8.567	(0.951)	245428	80.0000	82
	51 Hexachlorobenzene	284	8.643	8.643	(0.960)	260181	80.0000	81
	112 Atrazine	200	8.726	8.726	(0.969)	198715	80.0000	78
	14 Pentachlorophenol	266	8.826	8.826	(0.980)	148643	80.0000	88
	132 Pentachloronitrobenzene	237	8.849	8.849	(0.982)	94985	80.0000	77
	115 n-Octadecane	57	8.890	8.890	(0.987)	606833	80.0000	77
*	83 Phenanthrene-d10	188	9.008	9.008	(1.000)	492129	40.0000	
	52 Phenanthrene	178	9.037	9.037	(1.003)	1084888	80.0000	78
	53 Anthracene	178	9.084	9.084	(1.008)	1110038	80.0000	79
	54 Carbazole	167	9.237	9.237	(1.025)	843445	80.0000	77
	55 Di-n-butylphthalate	149	9.567	9.567	(1.062)	1110477	80.0000	81
	56 Fluoranthene	202	10.202	10.202	(1.133)	851140	80.0000	78
	58 Benzidine	184	10.325	10.325	(1.146)	29140	80.0000	16
	57 Pyrene	202	10.437	10.437	(0.883)	806805	80.0000	80
$	78 Terphenyl-d14	244	10.584	10.584	(0.896)	500555	80.0000	78
	59 Butylbenzylphthalate	149	11.120	11.120	(0.941)	304029	80.0000	86
	124 Carbamazepine	193	11.249	11.249	(0.952)	191034	80.0000	77
	60 3,3'-Dichlorobenzidine	252	11.761	11.761	(0.996)	105346	80.0000	71
	61 Benzo(a)anthracene	228	11.802	11.802	(0.999)	468158	80.0000	80
*	81 Chrysene-d12	240	11.814	11.814	(1.000)	186420	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.820	11.820	(1.000)	389600	80.0000	88
	62 Chrysene	228	11.849	11.849	(1.003)	449784	80.0000	81
	64 Di-n-octylphthalate	149	12.696	12.696	(0.922)	517223	80.0000	79
	65 Benzo(b)fluoranthene	252	13.237	13.237	(0.962)	348974	80.0000	90
	66 Benzo(k)fluoranthene	252	13.278	13.278	(0.965)	360415	80.0000	82
	67 Benzo(a)pyrene	252	13.690	13.690	(0.994)	281409	80.0000	89
*	84 Perylene-d12	264	13.766	13.766	(1.000)	134884	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.360	15.360	(1.116)	266451	80.0000	80(M)
	69 Dibenz(a,h)anthracene	278	15.396	15.396	(1.118)	268680	80.0000	82
	70 Benzo(g,h,i)perylene	276	15.807	15.807	(1.148)	262729	80.0000	90

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18531.d
Report Date: 18-Feb-2013 16:59

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z18531.d

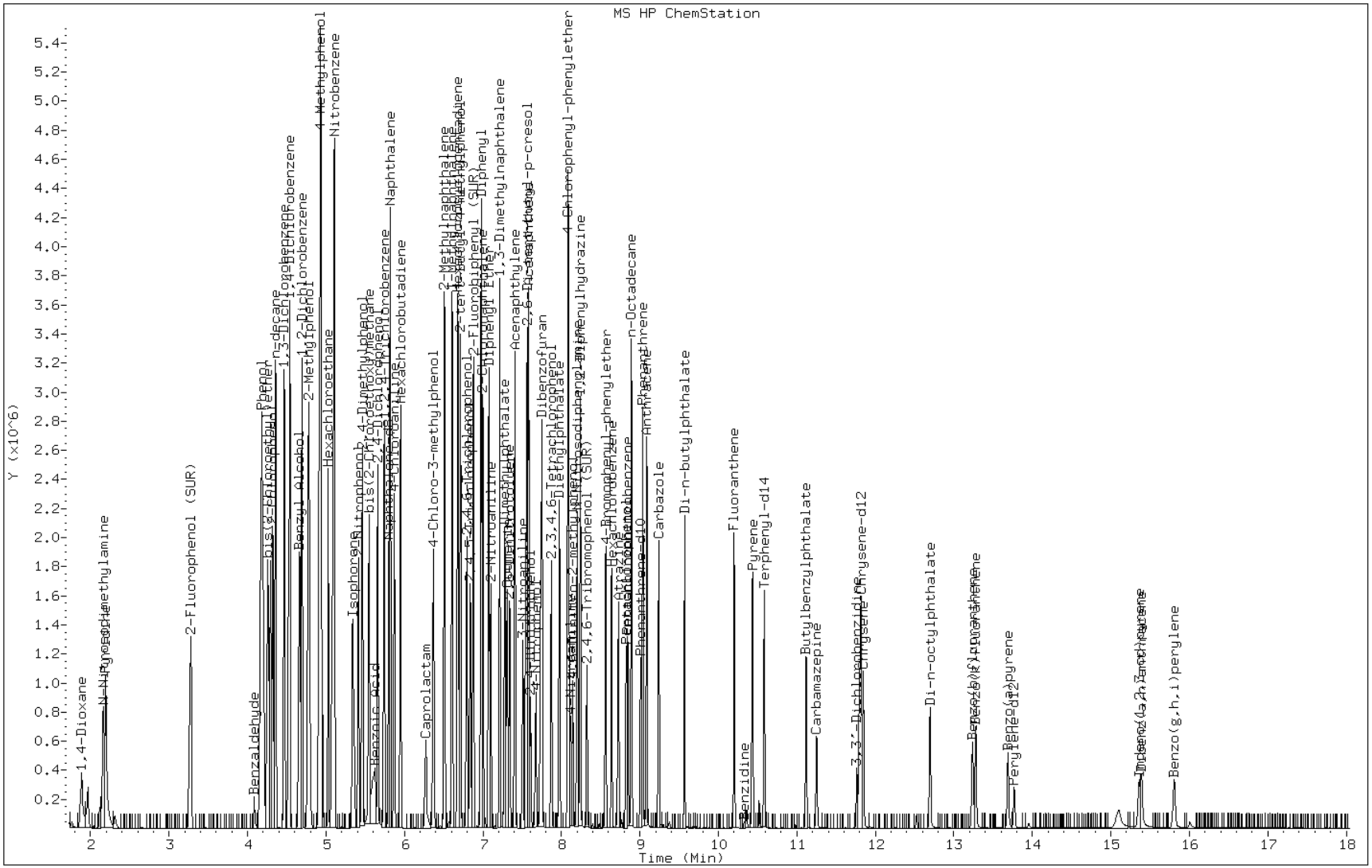
Date: 18-FEB-2013 14:54

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1995805

Operator: BNAMS 4



Manual Integration Report

Data File: z18531.d
Inj. Date and Time: 18-FEB-2013 14:54
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 02/19/2013

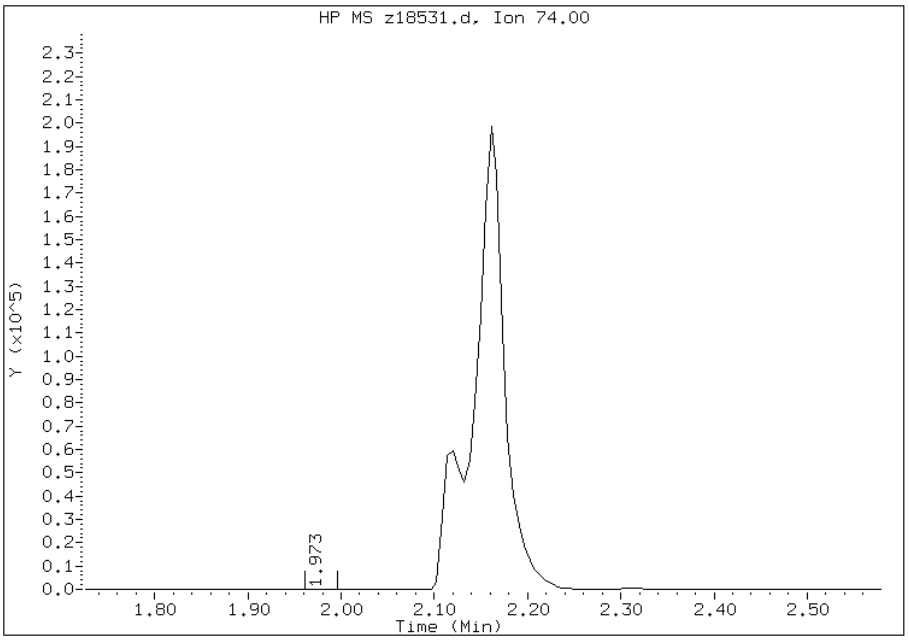
Processing Integration Results

RT: 1.97

Response: 330

Amount: 0

Conc: 0



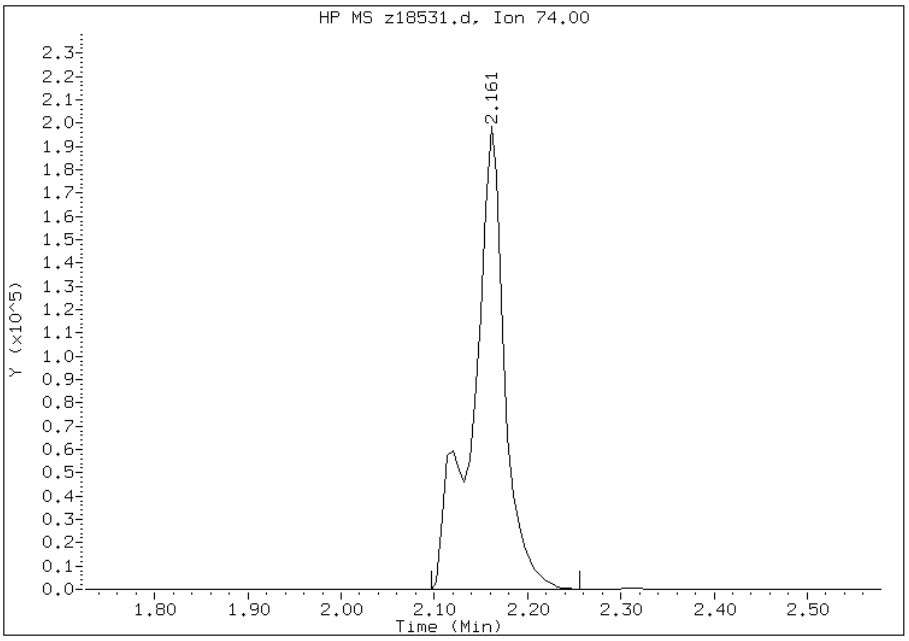
Manual Integration Results

RT: 2.16

Response: 472688

Amount: 82

Conc: 82



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18531.d
Inj. Date and Time: 18-FEB-2013 14:54
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 02/19/2013

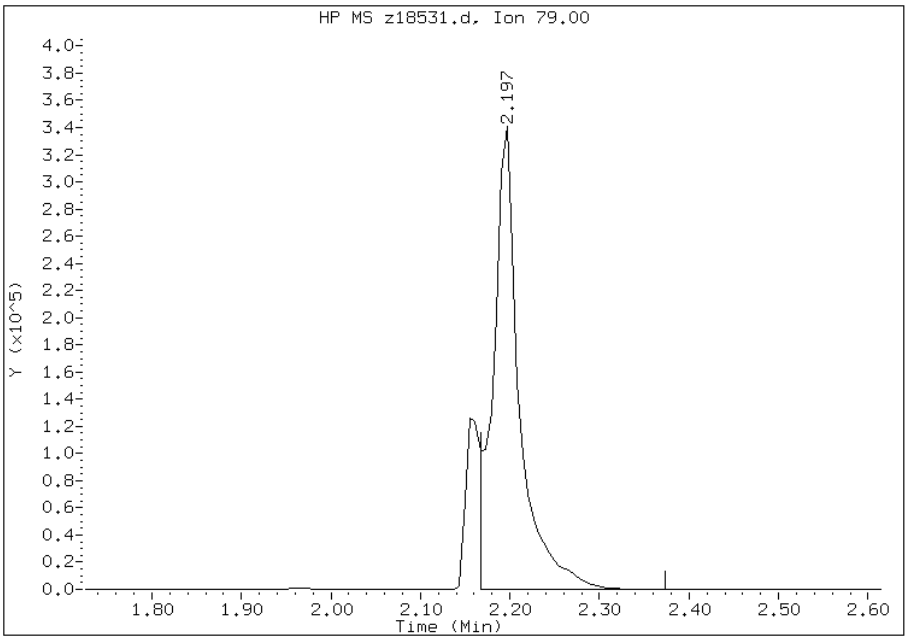
Processing Integration Results

RT: 2.20

Response: 710261

Amount: 73

Conc: 73



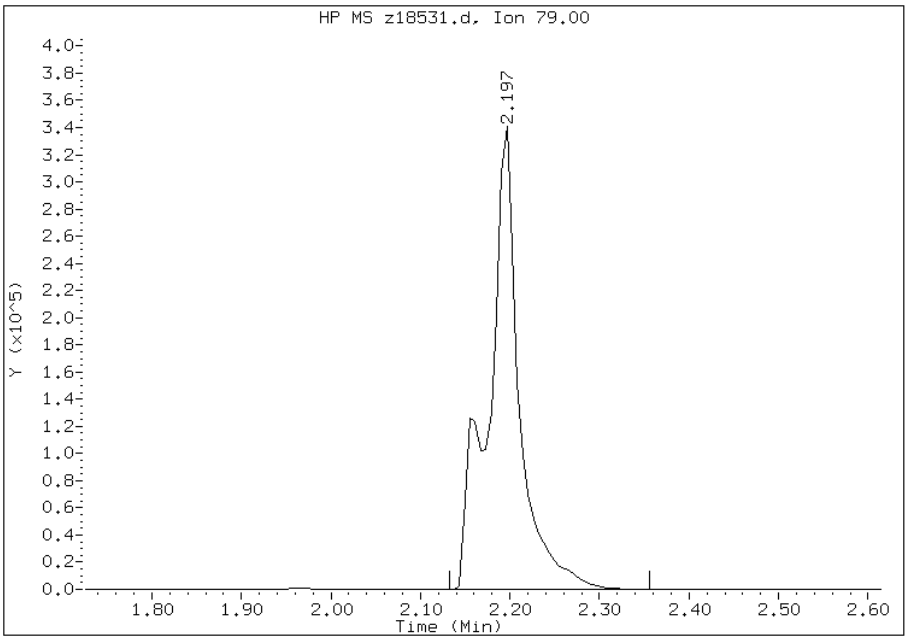
Manual Integration Results

RT: 2.20

Response: 822961

Amount: 80

Conc: 80



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18531.d
Inj. Date and Time: 18-FEB-2013 14:54
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 02/19/2013

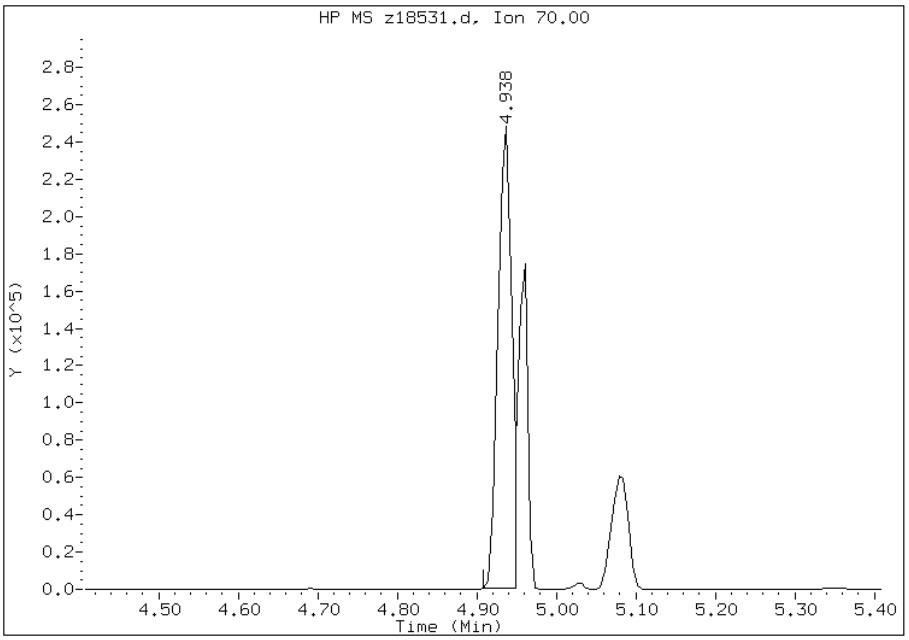
Processing Integration Results

RT: 4.94

Response: 319167

Amount: 77

Conc: 77



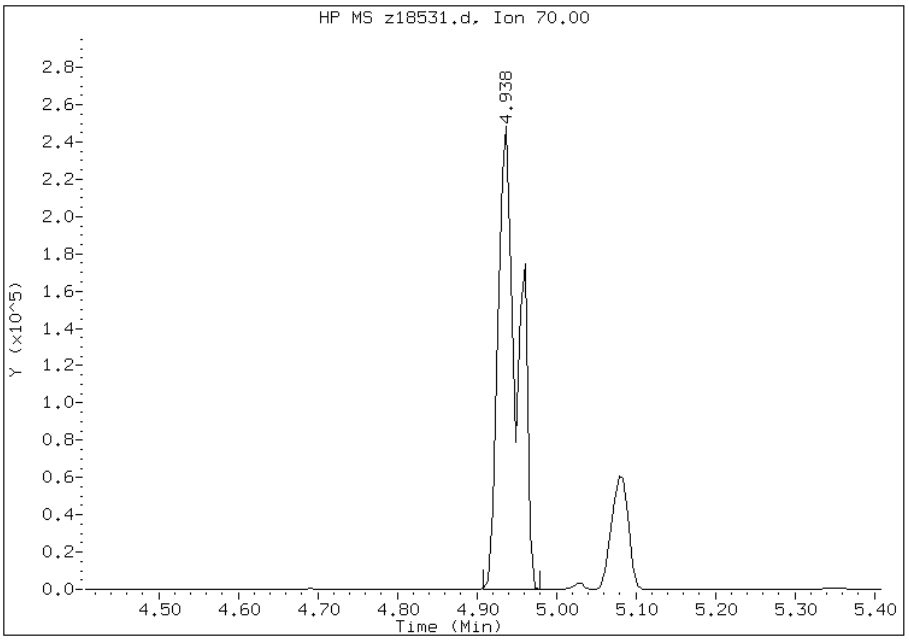
Manual Integration Results

RT: 4.94

Response: 445003

Amount: 76

Conc: 76



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z18531.d
Inj. Date and Time: 18-FEB-2013 14:54
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 02/19/2013

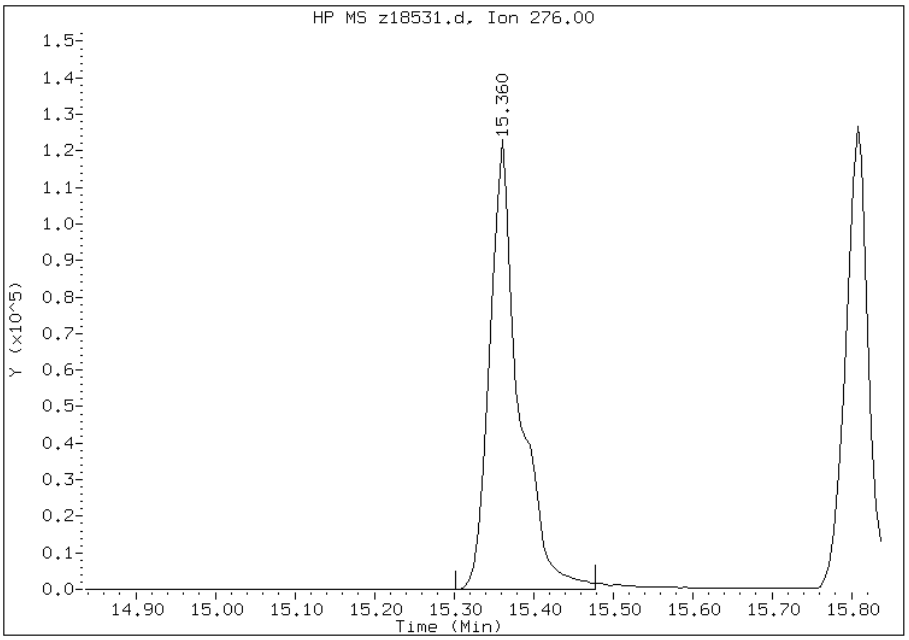
Processing Integration Results

RT: 15.36

Response: 316859

Amount: 93

Conc: 93



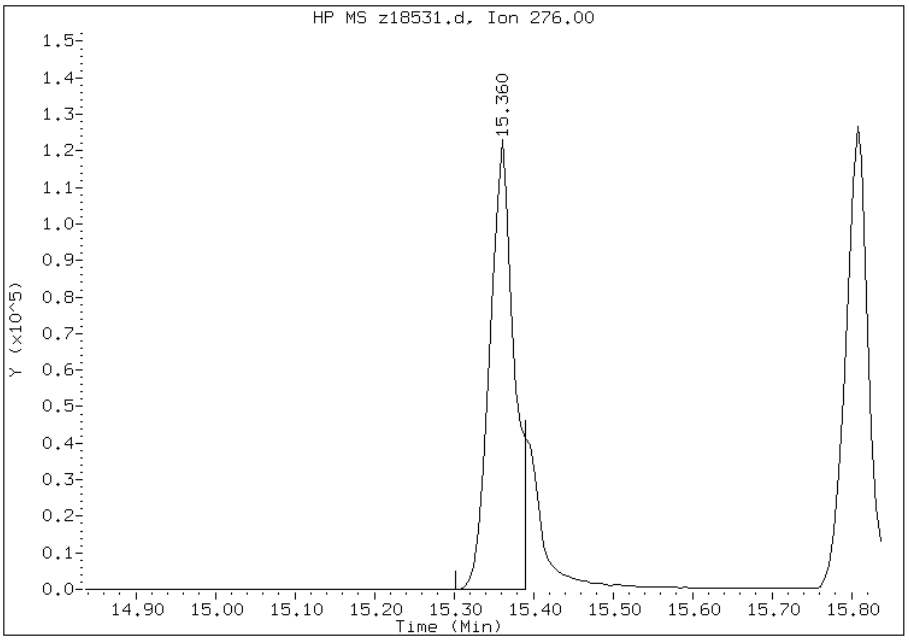
Manual Integration Results

RT: 15.36

Response: 266451

Amount: 80

Conc: 80



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18532.d
Report Date: 18-Feb-2013 16:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18532.d
Lab Smp Id: IC-1995806
Inj Date : 18-FEB-2013 15:18
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1995806
Misc Info : 20 ppm bna 4737
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/8270C_11.m
Meth Date : 18-Feb-2013 16:59 croccom Quant Type: ISTD
Cal Date : 18-FEB-2013 15:18 Cal File: z18532.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.844	1.844	(0.409)	82279	20.0000	20
	19 N-Nitrosodimethylamine	74	2.067	2.067	(0.459)	117545	20.0000	20(H)
	71 Pyridine	79	2.103	2.103	(0.466)	210190	20.0000	20(H)
$	16 2-Fluorophenol (SUR)	112	3.226	3.226	(0.716)	208796	20.0000	21(H)
	110 Benzaldehyde	77	4.067	4.067	(0.902)	57119	20.0000	17
$	17 Phenol-d5 (SUR)	99	4.138	4.138	(0.918)	242644	20.0000	22
	1 Phenol	94	4.149	4.149	(0.920)	254490	20.0000	21(H)
	73 Aniline	93	4.179	4.179	(0.927)	283532	20.0000	20
	20 bis(2-Chloroethyl)ether	93	4.238	4.238	(0.940)	197070	20.0000	20
	2 2-Chlorophenol	128	4.302	4.302	(0.954)	222044	20.0000	22
	113 n-decane	43	4.349	4.349	(0.965)	221271	20.0000	22
	21 1,3-Dichlorobenzene	146	4.455	4.455	(0.988)	223914	20.0000	20
*	79 1,4-Dichlorobenzene-d4	152	4.508	4.508	(1.000)	264329	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18532.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.526	4.526	(1.004)	224306	20.0000	20
	74 Benzyl Alcohol	108	4.644	4.644	(1.030)	127479	20.0000	21
	23 1,2-Dichlorobenzene	146	4.679	4.679	(1.038)	208234	20.0000	20
	3 2-Methylphenol	108	4.755	4.755	(1.055)	180889	20.0000	22
	24 bis (2-chloroisopropyl) ether	45	4.779	4.779	(1.060)	267891	20.0000	22
	4 4-Methylphenol	108	4.908	4.908	(1.089)	193094	20.0000	22
	123 3 & 4 Methylphenol	108	4.908	4.908	(1.089)	193094	20.0000	22
	104 Acetophenone	105	4.914	4.914	(1.090)	252462	20.0000	22
	25 N-Nitroso-di-n-propylamine	70	4.914	4.914	(1.090)	126534	20.0000	22
	26 Hexachloroethane	117	5.020	5.020	(1.113)	90045	20.0000	21
$	76 Nitrobenzene-d5 (SUR)	82	5.067	5.067	(0.875)	202086	20.0000	21
	27 Nitrobenzene	77	5.085	5.085	(0.878)	267387	20.0000	21
	107 N,N-Dimethylaniline	120	5.091	5.091	(1.129)	290143	20.0000	21
	28 Isophorone	82	5.320	5.320	(0.919)	319414	20.0000	21
	5 2-Nitrophenol	139	5.402	5.402	(0.933)	107282	20.0000	21
	6 2,4-Dimethylphenol	122	5.449	5.449	(0.941)	176044	20.0000	22
	29 bis(2-Chloroethoxy)methane	93	5.538	5.538	(0.956)	203739	20.0000	21
	15 Benzoic Acid	122	5.555	5.555	(0.959)	100271	20.0000	22
	7 2,4-Dichlorophenol	162	5.649	5.649	(0.976)	145654	20.0000	22
	30 1,2,4-Trichlorobenzene	180	5.738	5.738	(0.991)	162056	20.0000	21
*	80 Naphthalene-d8	136	5.790	5.790	(1.000)	973705	40.0000	
	31 Naphthalene	128	5.814	5.814	(1.004)	554750	20.0000	21
	32 4-Chloroaniline	127	5.861	5.861	(1.012)	209999	20.0000	22
	33 Hexachlorobutadiene	225	5.943	5.943	(1.026)	90527	20.0000	21
	111 Caprolactam	113	6.214	6.214	(1.073)	45020	20.0000	22
	8 4-Chloro-3-methylphenol	107	6.355	6.355	(1.098)	150798	20.0000	22
	34 2-Methylnaphthalene	142	6.502	6.502	(1.123)	328892	20.0000	21
	120 1-Methylnaphthalene	142	6.602	6.602	(1.140)	334553	20.0000	21
	35 Hexachlorocyclopentadiene	237	6.673	6.673	(0.885)	80127	20.0000	20
	129 1,2,4,5-Tetrachlorobenzene	216	6.679	6.679	(0.885)	148480	20.0000	21
	121 2-tert-Butyl-4-methylphenol	149	6.702	6.702	(1.157)	236778	20.0000	22
	9 2,4,6-Trichlorophenol	196	6.785	6.785	(0.899)	96635	20.0000	21
	10 2,4,5-Trichlorophenol	196	6.826	6.826	(0.905)	97751	20.0000	21
$	77 2-Fluorobiphenyl (SUR)	172	6.867	6.867	(0.910)	338008	20.0000	20
	102 Diphenyl	154	6.967	6.967	(0.924)	390078	20.0000	21
	36 2-Chloronaphthalene	162	6.990	6.990	(0.927)	292524	20.0000	20
	103 Diphenyl Ether	170	7.073	7.073	(0.938)	202597	20.0000	20
	37 2-Nitroaniline	65	7.090	7.090	(0.940)	104828	20.0000	23
	125 1,3-Dimethylnaphthalene	156	7.208	7.208	(0.956)	243091	20.0000	20
	38 Dimethylphthalate	163	7.267	7.267	(0.963)	292154	20.0000	21
	114 Coumarin	146	7.296	7.296	(1.260)	95389	20.0000	22
	40 2,6-Dinitrotoluene	165	7.326	7.326	(0.971)	68244	20.0000	21
	39 Acenaphthylene	152	7.402	7.402	(0.981)	438755	20.0000	20
	41 3-Nitroaniline	138	7.496	7.496	(0.994)	68971	20.0000	21
*	82 Acenaphthene-d10	164	7.543	7.543	(1.000)	463325	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.555	7.555	(1.002)	262087	20.0000	21
	42 Acenaphthene	154	7.573	7.573	(1.004)	289612	20.0000	22

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18532.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.596	7.596	(1.007)	45224	30.0000	30
	12 4-Nitrophenol	65	7.661	7.661	(1.016)	69990	30.0000	31
	44 2,4-Dinitrotoluene	165	7.726	7.726	(1.024)	80790	20.0000	21
	43 Dibenzofuran	168	7.743	7.743	(1.026)	374814	20.0000	21
	130 2,3,4,6-Tetrachlorophenol	232	7.867	7.867	(1.043)	59729	20.0000	20
	45 Diethylphthalate	149	7.961	7.961	(1.055)	267099	20.0000	20
	46 4-Chlorophenyl-phenylether	204	8.079	8.079	(1.071)	137219	20.0000	21
	47 Fluorene	166	8.084	8.084	(1.072)	291982	20.0000	21
	48 4-Nitroaniline	138	8.096	8.096	(1.073)	61373	20.0000	22
	13 4,6-Dinitro-2-methylphenol	198	8.126	8.126	(0.902)	59242	30.0000	30
	49 N-Nitrosodiphenylamine	169	8.196	8.196	(0.910)	185517	20.0000	20
	75 1,2-Diphenylhydrazine	77	8.232	8.232	(0.914)	340657	20.0000	21
$	18 2,4,6-Tribromophenol (SUR)	330	8.320	8.320	(1.103)	38172	20.0000	21
	50 4-Bromophenyl-phenylether	248	8.561	8.561	(0.950)	69564	20.0000	20
	51 Hexachlorobenzene	284	8.631	8.631	(0.958)	75893	20.0000	20
	112 Atrazine	200	8.714	8.714	(0.967)	62806	20.0000	21
	14 Pentachlorophenol	266	8.820	8.820	(0.979)	58748	30.0000	30
	132 Pentachloronitrobenzene	237	8.837	8.837	(0.981)	28715	20.0000	20
	115 n-Octadecane	57	8.884	8.884	(0.986)	196477	20.0000	21
*	83 Phenanthrene-d10	188	9.008	9.008	(1.000)	575629	40.0000	
	52 Phenanthrene	178	9.031	9.031	(1.003)	334564	20.0000	21
	53 Anthracene	178	9.079	9.079	(1.008)	338456	20.0000	21
	54 Carbazole	167	9.231	9.231	(1.025)	262922	20.0000	20
	55 Di-n-butylphthalate	149	9.567	9.567	(1.062)	327915	20.0000	20
	56 Fluoranthene	202	10.196	10.196	(1.132)	259655	20.0000	20
	58 Benzidine	184	10.325	10.325	(1.146)	66360	30.0000	32
	57 Pyrene	202	10.431	10.431	(0.883)	249495	20.0000	21
$	78 Terphenyl-d14	244	10.584	10.584	(0.896)	161983	20.0000	21
	59 Butylbenzylphthalate	149	11.114	11.114	(0.941)	84722	20.0000	20
	124 Carbamazepine	193	11.243	11.243	(0.952)	47263	20.0000	16
	60 3,3'-Dichlorobenzidine	252	11.761	11.761	(0.996)	57842	30.0000	32
	61 Benzo(a)anthracene	228	11.796	11.796	(0.999)	136943	20.0000	19
*	81 Chrysene-d12	240	11.808	11.808	(1.000)	224551	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.820	11.820	(1.001)	104604	20.0000	20
	62 Chrysene	228	11.843	11.843	(1.003)	133276	20.0000	20
	64 Di-n-octylphthalate	149	12.690	12.690	(0.922)	124553	20.0000	17
	65 Benzo(b)fluoranthene	252	13.231	13.231	(0.961)	86867	20.0000	20
	66 Benzo(k)fluoranthene	252	13.272	13.272	(0.964)	101497	20.0000	21
	67 Benzo(a)pyrene	252	13.684	13.684	(0.994)	73305	20.0000	21
*	84 Perylene-d12	264	13.766	13.766	(1.000)	148224	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.349	15.349	(1.115)	57222	20.0000	16(M)
	69 Dibenz(a,h)anthracene	278	15.384	15.384	(1.117)	63799	20.0000	18
	70 Benzo(g,h,i)perylene	276	15.796	15.796	(1.147)	65466	20.0000	20

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18532.d
Report Date: 18-Feb-2013 16:59

QC Flag Legend

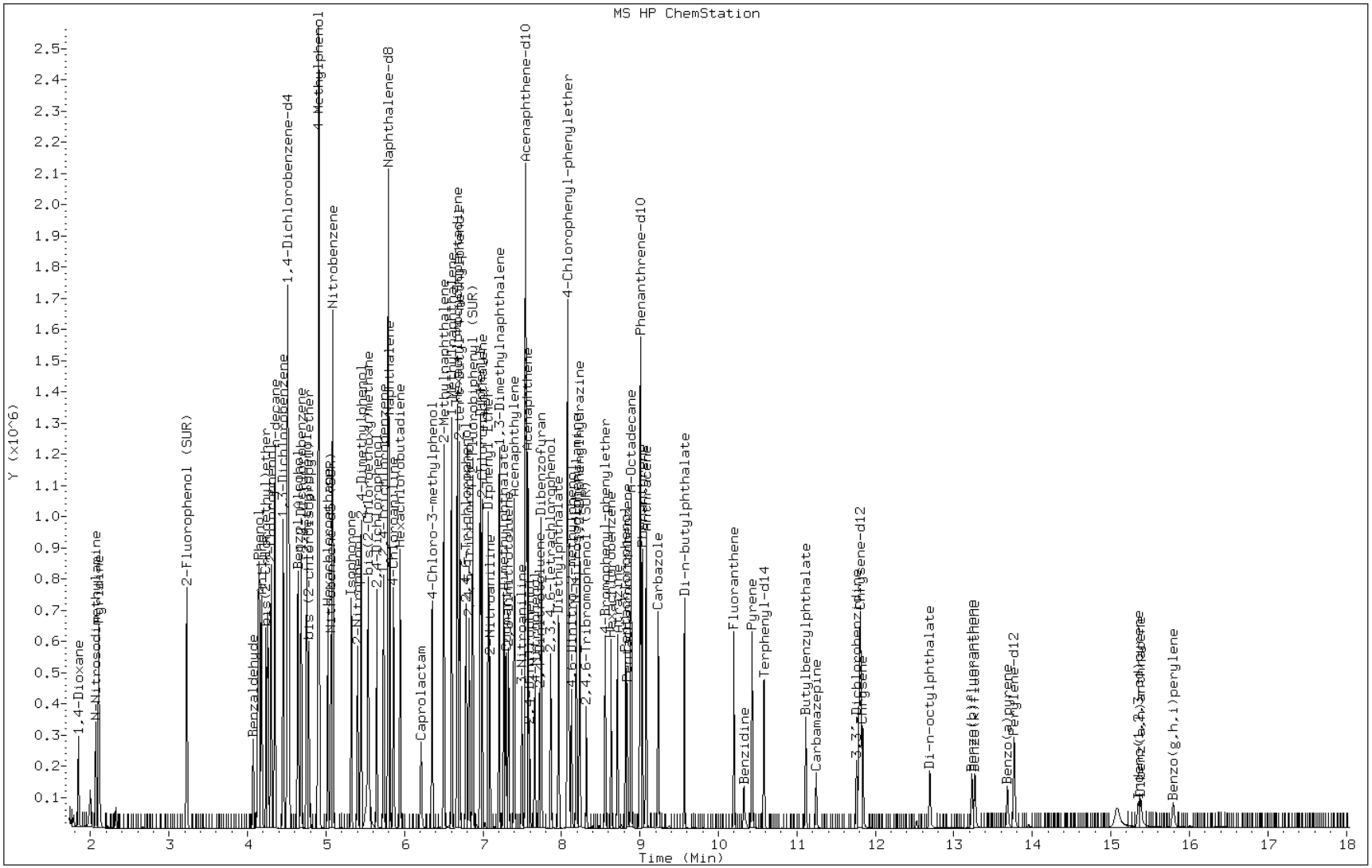
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z18532.d

Date: 18-FEB-2013 15:18

Client ID: Instrument: BNAMS11.i

Sample Info: IC-1995806 Operator: BNAMS 4



Manual Integration Report

Data File: z18532.d
Inj. Date and Time: 18-FEB-2013 15:18
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 02/19/2013

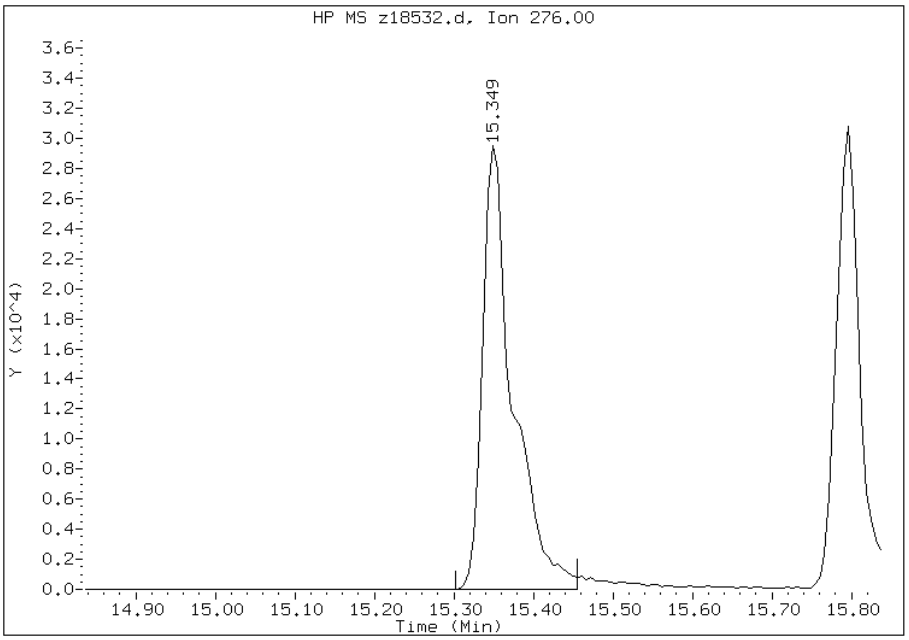
Processing Integration Results

RT: 15.35

Response: 78072

Amount: 23

Conc: 23



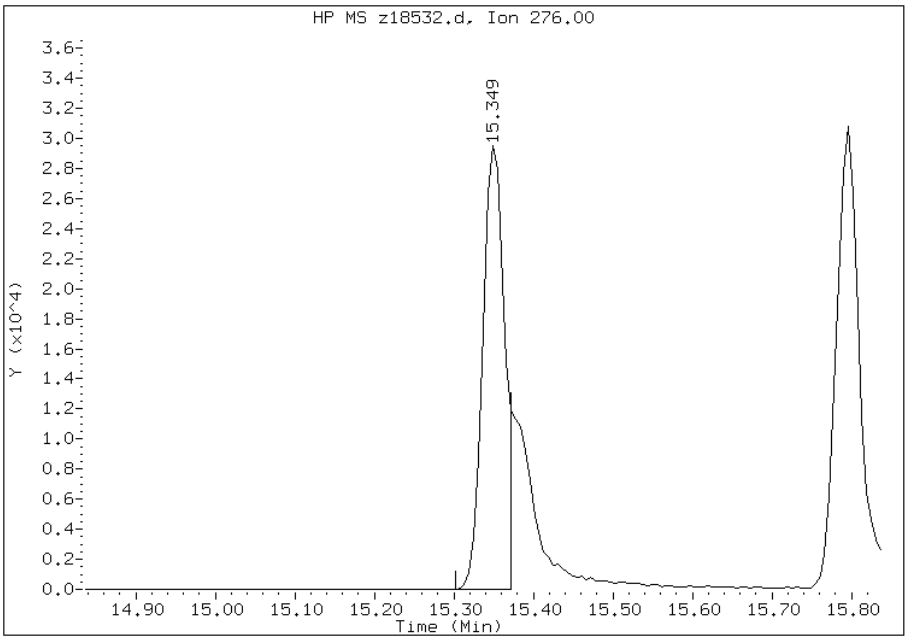
Manual Integration Results

RT: 15.35

Response: 57222

Amount: 16

Conc: 16



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18533.d
Report Date: 18-Feb-2013 16:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18533.d
Lab Smp Id: IC-1995807
Inj Date : 18-FEB-2013 15:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1995807
Misc Info : 10 ppm bna 4737
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/8270C_11.m
Meth Date : 18-Feb-2013 16:59 croccom Quant Type: ISTD
Cal Date : 18-FEB-2013 15:43 Cal File: z18533.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.850	1.850	(0.410)	41890	10.0000	10
	19 N-Nitrosodimethylamine	74	2.073	2.073	(0.460)	57917	10.0000	9.9(H)
	71 Pyridine	79	2.108	2.108	(0.468)	104189	10.0000	10(H)
$	16 2-Fluorophenol (SUR)	112	3.226	3.226	(0.716)	102892	10.0000	10
	110 Benzaldehyde	77	4.067	4.067	(0.902)	46661	10.0000	14
$	17 Phenol-d5 (SUR)	99	4.132	4.132	(0.916)	118711	10.0000	10
	1 Phenol	94	4.144	4.144	(0.919)	122365	10.0000	10(H)
	73 Aniline	93	4.173	4.173	(0.926)	139612	10.0000	10
	20 bis(2-Chloroethyl)ether	93	4.232	4.232	(0.939)	97436	10.0000	9.9
	2 2-Chlorophenol	128	4.297	4.297	(0.953)	107488	10.0000	11
	113 n-decane	43	4.344	4.344	(0.963)	115597	10.0000	11
	21 1,3-Dichlorobenzene	146	4.455	4.455	(0.988)	111404	10.0000	10
*	79 1,4-Dichlorobenzene-d4	152	4.508	4.508	(1.000)	265867	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18533.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.526	4.526	(1.004)	112425	10.0000	10
	74 Benzyl Alcohol	108	4.638	4.638	(1.029)	61834	10.0000	10
	23 1,2-Dichlorobenzene	146	4.679	4.679	(1.038)	105408	10.0000	10
	3 2-Methylphenol	108	4.755	4.755	(1.055)	86847	10.0000	10
	24 bis (2-chloroisopropyl) ether	45	4.779	4.779	(1.060)	136223	10.0000	11
	4 4-Methylphenol	108	4.902	4.902	(1.087)	94657	10.0000	11
	123 3 & 4 Methylphenol	108	4.902	4.902	(1.087)	94657	10.0000	11
	104 Acetophenone	105	4.908	4.908	(1.089)	126827	10.0000	11
	25 N-Nitroso-di-n-propylamine	70	4.908	4.908	(1.089)	62355	10.0000	10
	26 Hexachloroethane	117	5.020	5.020	(1.113)	44123	10.0000	10
$	76 Nitrobenzene-d5 (SUR)	82	5.061	5.061	(0.874)	97427	10.0000	10
	27 Nitrobenzene	77	5.079	5.079	(0.877)	132931	10.0000	10
	107 N,N-Dimethylaniline	120	5.085	5.085	(1.128)	145908	10.0000	11
	28 Isophorone	82	5.320	5.320	(0.919)	154723	10.0000	10
	5 2-Nitrophenol	139	5.402	5.402	(0.933)	49685	10.0000	9.9
	6 2,4-Dimethylphenol	122	5.444	5.444	(0.940)	83284	10.0000	10
	29 bis(2-Chloroethoxy)methane	93	5.538	5.538	(0.956)	98887	10.0000	10
	15 Benzoic Acid	122	5.520	5.520	(0.953)	38638	10.0000	8.5
	7 2,4-Dichlorophenol	162	5.644	5.644	(0.975)	69013	10.0000	10
	30 1,2,4-Trichlorobenzene	180	5.732	5.732	(0.990)	80286	10.0000	10
*	80 Naphthalene-d8	136	5.791	5.791	(1.000)	978364	40.0000	
	31 Naphthalene	128	5.808	5.808	(1.003)	274512	10.0000	10
	32 4-Chloroaniline	127	5.861	5.861	(1.012)	103039	10.0000	10
	33 Hexachlorobutadiene	225	5.943	5.943	(1.026)	44896	10.0000	10
	111 Caprolactam	113	6.191	6.191	(1.069)	20519	10.0000	10(H)
	8 4-Chloro-3-methylphenol	107	6.349	6.349	(1.096)	70898	10.0000	10
	34 2-Methylnaphthalene	142	6.502	6.502	(1.123)	160808	10.0000	10
	120 1-Methylnaphthalene	142	6.602	6.602	(1.140)	162663	10.0000	10
	35 Hexachlorocyclopentadiene	237	6.673	6.673	(0.885)	37093	10.0000	9.1
	129 1,2,4,5-Tetrachlorobenzene	216	6.673	6.673	(0.885)	70409	10.0000	10
	121 2-tert-Butyl-4-methylphenol	149	6.702	6.702	(1.157)	115054	10.0000	10
	9 2,4,6-Trichlorophenol	196	6.785	6.785	(0.899)	44186	10.0000	9.8
	10 2,4,5-Trichlorophenol	196	6.820	6.820	(0.904)	45735	10.0000	10
$	77 2-Fluorobiphenyl (SUR)	172	6.867	6.867	(0.910)	161573	10.0000	10
	102 Diphenyl	154	6.967	6.967	(0.924)	187680	10.0000	10
	36 2-Chloronaphthalene	162	6.985	6.985	(0.926)	142969	10.0000	10
	103 Diphenyl Ether	170	7.073	7.073	(0.938)	99170	10.0000	10
	37 2-Nitroaniline	65	7.085	7.085	(0.939)	50660	10.0000	11
	125 1,3-Dimethylnaphthalene	156	7.202	7.202	(0.955)	118143	10.0000	10
	38 Dimethylphthalate	163	7.267	7.267	(0.963)	143622	10.0000	10
	114 Coumarin	146	7.290	7.290	(1.259)	46391	10.0000	10
	40 2,6-Dinitrotoluene	165	7.326	7.326	(0.971)	32255	10.0000	10
	39 Acenaphthylene	152	7.396	7.396	(0.980)	212961	10.0000	10
	41 3-Nitroaniline	138	7.490	7.490	(0.993)	33150	10.0000	10
*	82 Acenaphthene-d10	164	7.543	7.543	(1.000)	457303	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.555	7.555	(1.002)	127662	10.0000	10
	42 Acenaphthene	154	7.573	7.573	(1.004)	133536	10.0000	10

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18533.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.590	7.590	(1.006)	23784	20.0000	16
	12 4-Nitrophenol	65	7.655	7.655	(1.015)	44217	20.0000	20
	44 2,4-Dinitrotoluene	165	7.720	7.720	(1.023)	39237	10.0000	10
	43 Dibenzofuran	168	7.743	7.743	(1.026)	182374	10.0000	10
	130 2,3,4,6-Tetrachlorophenol	232	7.867	7.867	(1.043)	29112	10.0000	10
	45 Diethylphthalate	149	7.961	7.961	(1.055)	132064	10.0000	10
	46 4-Chlorophenyl-phenylether	204	8.073	8.073	(1.070)	68728	10.0000	10
	47 Fluorene	166	8.079	8.079	(1.071)	142282	10.0000	10
	48 4-Nitroaniline	138	8.090	8.090	(1.073)	29815	10.0000	11
	13 4,6-Dinitro-2-methylphenol	198	8.126	8.126	(0.902)	35553	20.0000	18
	49 N-Nitrosodiphenylamine	169	8.190	8.190	(0.909)	95549	10.0000	10
	75 1,2-Diphenylhydrazine	77	8.232	8.232	(0.914)	165318	10.0000	10
$	18 2,4,6-Tribromophenol (SUR)	330	8.320	8.320	(1.103)	17672	10.0000	9.7
	50 4-Bromophenyl-phenylether	248	8.555	8.555	(0.950)	34064	10.0000	9.9
	51 Hexachlorobenzene	284	8.632	8.632	(0.958)	36694	10.0000	9.9
	112 Atrazine	200	8.714	8.714	(0.967)	30281	10.0000	10
	14 Pentachlorophenol	266	8.820	8.820	(0.979)	35319	20.0000	18
	132 Pentachloronitrobenzene	237	8.837	8.837	(0.981)	14418	10.0000	10
	115 n-Octadecane	57	8.884	8.884	(0.986)	94116	10.0000	10
*	83 Phenanthrene-d10	188	9.008	9.008	(1.000)	566239	40.0000	
	52 Phenanthrene	178	9.026	9.026	(1.002)	164722	10.0000	10
	53 Anthracene	178	9.079	9.079	(1.008)	165331	10.0000	10
	54 Carbazole	167	9.232	9.232	(1.025)	130026	10.0000	10
	55 Di-n-butylphthalate	149	9.567	9.567	(1.062)	157228	10.0000	9.9
	56 Fluoranthene	202	10.196	10.196	(1.132)	126627	10.0000	10
	58 Benzidine	184	10.320	10.320	(1.146)	75978	20.0000	37
	57 Pyrene	202	10.426	10.426	(0.883)	124322	10.0000	9.8
$	78 Terphenyl-d14	244	10.578	10.578	(0.896)	77446	10.0000	9.6
	59 Butylbenzylphthalate	149	11.114	11.114	(0.941)	41642	10.0000	9.3
	124 Carbamazepine	193	11.243	11.243	(0.952)	21547	10.0000	6.9
	60 3,3'-Dichlorobenzidine	252	11.761	11.761	(0.996)	44511	20.0000	24
	61 Benzo(a)anthracene	228	11.790	11.790	(0.998)	71446	10.0000	9.6
*	81 Chrysene-d12	240	11.808	11.808	(1.000)	235652	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.820	11.820	(1.001)	51529	10.0000	9.2
	62 Chrysene	228	11.837	11.837	(1.002)	69520	10.0000	9.9
	64 Di-n-octylphthalate	149	12.690	12.690	(0.922)	56542	10.0000	7.3
	65 Benzo(b)fluoranthene	252	13.231	13.231	(0.961)	44509	10.0000	9.7
	66 Benzo(k)fluoranthene	252	13.267	13.267	(0.964)	54034	10.0000	10
	67 Benzo(a)pyrene	252	13.684	13.684	(0.994)	36176	10.0000	9.6
*	84 Perylene-d12	264	13.767	13.767	(1.000)	159820	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.349	15.349	(1.115)	29564	10.0000	7.5
	69 Dibenz(a,h)anthracene	278	15.378	15.378	(1.117)	30450	10.0000	7.9
	70 Benzo(g,h,i)perylene	276	15.796	15.796	(1.147)	31842	10.0000	9.2

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18533.d
Report Date: 18-Feb-2013 16:59

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z18533.d

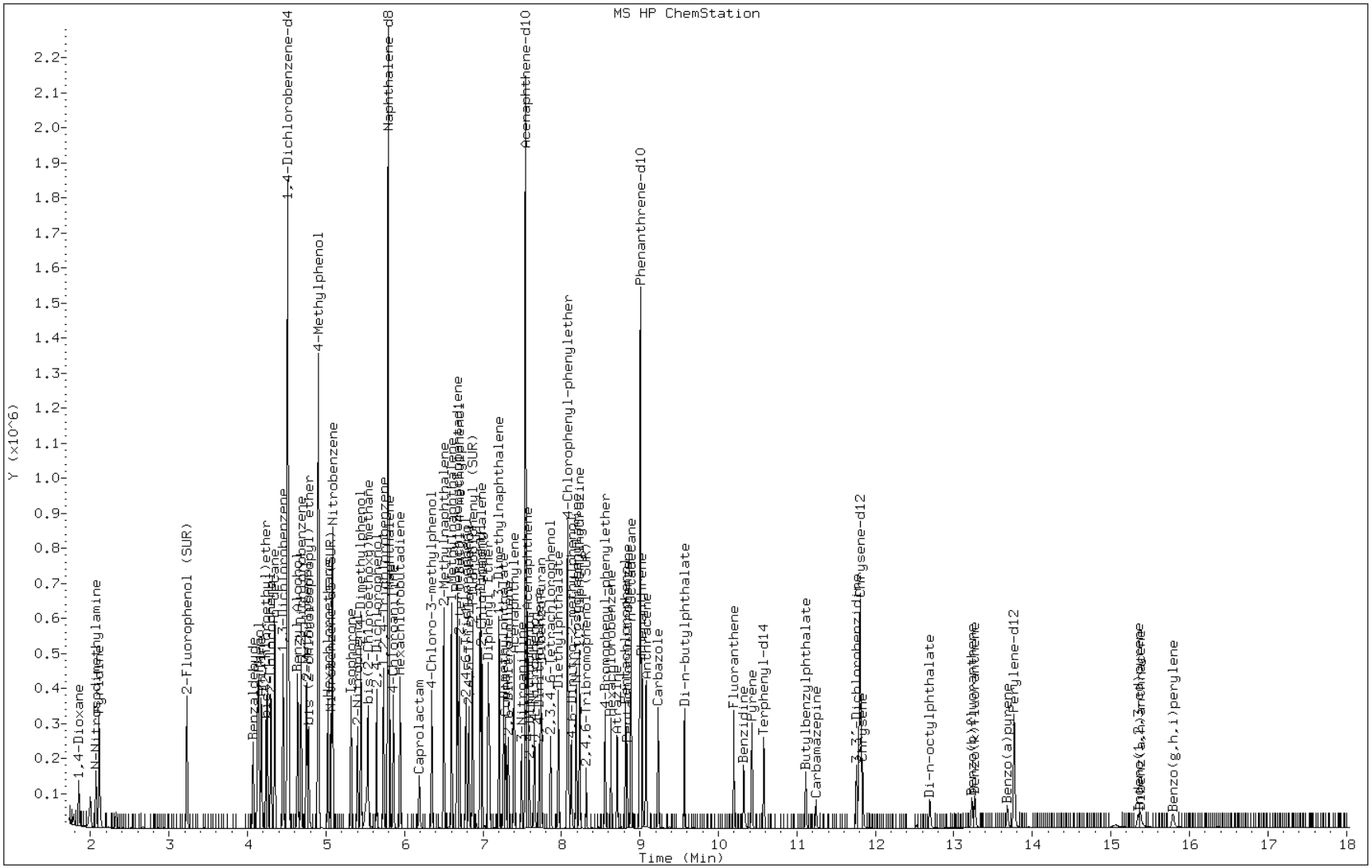
Date: 18-FEB-2013 15:43

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1995807

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18534.d
Report Date: 18-Feb-2013 16:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18534.d
Lab Smp Id: IC-1995842
Inj Date : 18-FEB-2013 16:07
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-1995842
Misc Info : 5 ppm bna 4734
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/8270C_11.m
Meth Date : 18-Feb-2013 16:59 croccom Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.855	1.855	(0.412)	23215	5.00000	4.9(a)
	19 N-Nitrosodimethylamine	74	2.079	2.079	(0.461)	32356	5.00000	4.9(a)
	71 Pyridine	79	2.114	2.114	(0.469)	58634	5.00000	5.0
$	16 2-Fluorophenol (SUR)	112	3.226	3.226	(0.716)	57772	5.00000	5.2
	110 Benzaldehyde	77	4.067	4.067	(0.902)	38920	5.00000	10
$	17 Phenol-d5 (SUR)	99	4.126	4.126	(0.915)	68142	5.00000	5.4
	1 Phenol	94	4.143	4.143	(0.919)	71098	5.00000	5.3
	73 Aniline	93	4.173	4.173	(0.926)	81593	5.00000	5.2
	20 bis(2-Chloroethyl)ether	93	4.232	4.232	(0.939)	5741	0.50000	0.52
	2 2-Chlorophenol	128	4.296	4.296	(0.953)	59959	5.00000	5.3
	113 n-decane	43	4.343	4.343	(0.963)	66121	5.00000	5.8
	21 1,3-Dichlorobenzene	146	4.455	4.455	(0.988)	63357	5.00000	5.1
*	79 1,4-Dichlorobenzene-d4	152	4.508	4.508	(1.000)	298832	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18534.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.526	4.526	(1.004)	63753	5.00000	5.1
	74 Benzyl Alcohol	108	4.638	4.638	(1.029)	35213	5.00000	5.2
	23 1,2-Dichlorobenzene	146	4.679	4.679	(1.038)	59964	5.00000	5.2
	3 2-Methylphenol	108	4.749	4.749	(1.053)	49605	5.00000	5.4
	24 bis (2-chloroisopropyl) ether	45	4.773	4.773	(1.059)	79026	5.00000	5.7
	4 4-Methylphenol	108	4.902	4.902	(1.087)	56044	5.00000	5.6
	123 3 & 4 Methylphenol	108	4.902	4.902	(1.087)	55815	5.00000	5.6
	104 Acetophenone	105	4.908	4.908	(1.089)	73797	5.00000	5.6
	25 N-Nitroso-di-n-propylamine	70	4.908	4.908	(1.089)	3510	0.50000	0.53
	26 Hexachloroethane	117	5.020	5.020	(1.113)	2426	0.50000	0.50
$	76 Nitrobenzene-d5 (SUR)	82	5.061	5.061	(0.874)	55583	5.00000	5.0
	27 Nitrobenzene	77	5.079	5.079	(0.877)	8071	0.50000	0.55
	107 N,N-Dimethylaniline	120	5.085	5.085	(1.128)	7706	0.50000	0.50
	28 Isophorone	82	5.314	5.314	(0.918)	89657	5.00000	5.1
	5 2-Nitrophenol	139	5.402	5.402	(0.933)	28595	5.00000	5.0
	6 2,4-Dimethylphenol	122	5.443	5.443	(0.940)	47476	5.00000	5.2
	29 bis(2-Chloroethoxy)methane	93	5.532	5.532	(0.955)	57634	5.00000	5.1
	15 Benzoic Acid	122	5.502	5.502	(0.950)	16691	5.00000	3.2(a)
	7 2,4-Dichlorophenol	162	5.643	5.643	(0.975)	40015	5.00000	5.2
	30 1,2,4-Trichlorobenzene	180	5.732	5.732	(0.990)	4587	0.50000	0.51
*	80 Naphthalene-d8	136	5.790	5.790	(1.000)	1121394	40.0000	
	31 Naphthalene	128	5.808	5.808	(1.003)	159900	5.00000	5.2
	32 4-Chloroaniline	127	5.861	5.861	(1.012)	61191	5.00000	5.4
	33 Hexachlorobutadiene	225	5.943	5.943	(1.026)	5513	1.00000	1.1
	111 Caprolactam	113	6.179	6.179	(1.067)	11012	5.00000	4.7(a)
	8 4-Chloro-3-methylphenol	107	6.343	6.343	(1.095)	40703	5.00000	5.2
	34 2-Methylnaphthalene	142	6.502	6.502	(1.123)	92365	5.00000	5.1
	120 1-Methylnaphthalene	142	6.602	6.602	(1.140)	94589	5.00000	5.2(a)
	35 Hexachlorocyclopentadiene	237	6.667	6.667	(0.884)	23984	5.00000	5.2
	129 1,2,4,5-Tetrachlorobenzene	216	6.673	6.673	(0.885)	42135	5.00000	5.2
	121 2-tert-Butyl-4-methylphenol	149	6.696	6.696	(1.156)	67916	5.00000	5.4
	9 2,4,6-Trichlorophenol	196	6.784	6.784	(0.899)	25776	5.00000	5.0
	10 2,4,5-Trichlorophenol	196	6.820	6.820	(0.904)	26926	5.00000	5.2
$	77 2-Fluorobiphenyl (SUR)	172	6.867	6.867	(0.910)	94869	5.00000	5.1
	102 Diphenyl	154	6.967	6.967	(0.924)	106622	5.00000	5.1
	36 2-Chloronaphthalene	162	6.984	6.984	(0.926)	84562	5.00000	5.2
	103 Diphenyl Ether	170	7.067	7.067	(0.937)	57066	5.00000	5.1
	37 2-Nitroaniline	65	7.084	7.084	(0.939)	53594	10.0000	10
	125 1,3-Dimethylnaphthalene	156	7.202	7.202	(0.955)	70025	5.00000	5.2
	38 Dimethylphthalate	163	7.261	7.261	(0.963)	82180	5.00000	5.2
	114 Coumarin	146	7.290	7.290	(1.259)	26431	5.00000	5.2
	40 2,6-Dinitrotoluene	165	7.320	7.320	(0.970)	3577	1.00000	0.96(a)
	39 Acenaphthylene	152	7.396	7.396	(0.980)	130175	5.00000	5.3
	41 3-Nitroaniline	138	7.490	7.490	(0.993)	39042	10.0000	11
*	82 Acenaphthene-d10	164	7.543	7.543	(1.000)	525264	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.555	7.555	(1.002)	76222	5.00000	5.4
	42 Acenaphthene	154	7.573	7.573	(1.004)	75150	5.00000	5.0

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18534.d
Report Date: 18-Feb-2013 16:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.590	7.590	(1.006)	17415	15.0000	10(a)
	12 4-Nitrophenol	65	7.655	7.655	(1.015)	37961	15.0000	15
	44 2,4-Dinitrotoluene	165	7.720	7.720	(1.023)	4324	1.00000	0.99(a)
	43 Dibenzofuran	168	7.743	7.743	(1.026)	107067	5.00000	5.2
	130 2,3,4,6-Tetrachlorophenol	232	7.861	7.861	(1.042)	16662	5.00000	5.1
	45 Diethylphthalate	149	7.961	7.961	(1.055)	76385	5.00000	5.2
	46 4-Chlorophenyl-phenylether	204	8.073	8.073	(1.070)	40937	5.00000	5.4
	47 Fluorene	166	8.079	8.079	(1.071)	84463	5.00000	5.3
	48 4-Nitroaniline	138	8.090	8.090	(1.073)	32919	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	8.126	8.126	(0.902)	29212	15.0000	12(a)
	49 N-Nitrosodiphenylamine	169	8.190	8.190	(0.909)	56268	5.00000	5.2
	75 1,2-Diphenylhydrazine	77	8.231	8.231	(0.914)	80442	5.00000	4.2(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.320	8.320	(1.103)	10289	5.00000	4.9(a)
	50 4-Bromophenyl-phenylether	248	8.555	8.555	(0.950)	20094	5.00000	4.9(a)
	51 Hexachlorobenzene	284	8.631	8.631	(0.958)	2215	0.50000	0.50
	112 Atrazine	200	8.708	8.708	(0.967)	17098	5.00000	4.9(a)
	14 Pentachlorophenol	266	8.820	8.820	(0.979)	29715	15.0000	13(a)
	132 Pentachloronitrobenzene	237	8.837	8.837	(0.981)	9383	5.00000	5.6
	115 n-Octadecane	57	8.884	8.884	(0.986)	54684	5.00000	5.0
*	83 Phenanthrene-d10	188	9.008	9.008	(1.000)	677914	40.0000	
	52 Phenanthrene	178	9.025	9.025	(1.002)	96401	5.00000	5.0
	53 Anthracene	178	9.073	9.073	(1.007)	96960	5.00000	5.0
	54 Carbazole	167	9.231	9.231	(1.025)	77493	5.00000	5.1
	55 Di-n-butylphthalate	149	9.567	9.567	(1.062)	92507	5.00000	4.9(a)
	56 Fluoranthene	202	10.196	10.196	(1.132)	77616	5.00000	5.2
	58 Benzidine	184	10.320	10.320	(1.146)	19702	5.00000	8.0
	57 Pyrene	202	10.425	10.425	(0.883)	75374	5.00000	4.9(a)
$	78 Terphenyl-d14	244	10.578	10.578	(0.896)	47340	5.00000	4.8(a)
	59 Butylbenzylphthalate	149	11.114	11.114	(0.941)	23547	5.00000	4.3(a)
	124 Carbamazepine	193	11.243	11.243	(0.952)	9692	5.00000	2.5(a)
	60 3,3'-Dichlorobenzidine	252	11.755	11.755	(0.996)	25110	10.0000	11
	61 Benzo(a)anthracene	228	11.796	11.796	(0.999)	4844	0.50000	0.54
*	81 Chrysene-d12	240	11.808	11.808	(1.000)	285909	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.819	11.819	(1.001)	29265	5.00000	4.3(a)
	62 Chrysene	228	11.837	11.837	(1.002)	41651	5.00000	4.9(a)
	64 Di-n-octylphthalate	149	12.690	12.690	(0.922)	27228	5.00000	3.1(a)
	65 Benzo(b)fluoranthene	252	13.231	13.231	(0.961)	1919	0.50000	0.36(a)
	66 Benzo(k)fluoranthene	252	13.266	13.266	(0.964)	2639	0.50000	0.44(a)
	67 Benzo(a)pyrene	252	13.678	13.678	(0.994)	1566	0.50000	0.37(a)
*	84 Perylene-d12	264	13.766	13.766	(1.000)	182032	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.337	15.337	(1.114)	1113	0.50000	0.25(a)
	69 Dibenz(a,h)anthracene	278	15.384	15.384	(1.117)	1169	0.50000	0.26(aM)
	70 Benzo(g,h,i)perylene	276	15.790	15.790	(1.147)	16127	5.00000	4.1(a)

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18534.d
Report Date: 18-Feb-2013 16:59

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: z18534.d

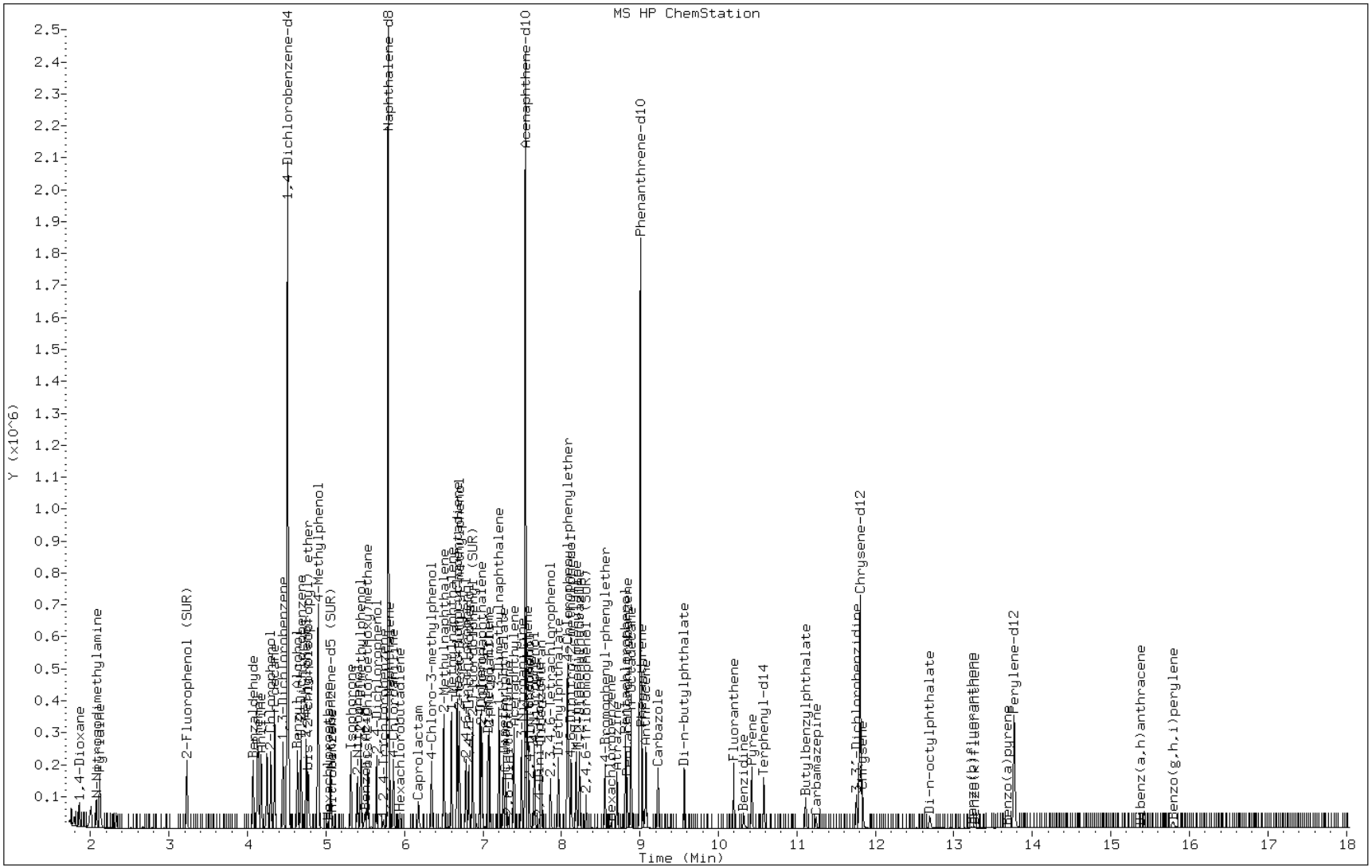
Date: 18-FEB-2013 16:07

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-1995842

Operator: BNAMS 4



Manual Integration Report

Data File: z18534.d
Inj. Date and Time: 18-FEB-2013 16:07
Instrument ID: BNAMS11.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 02/19/2013

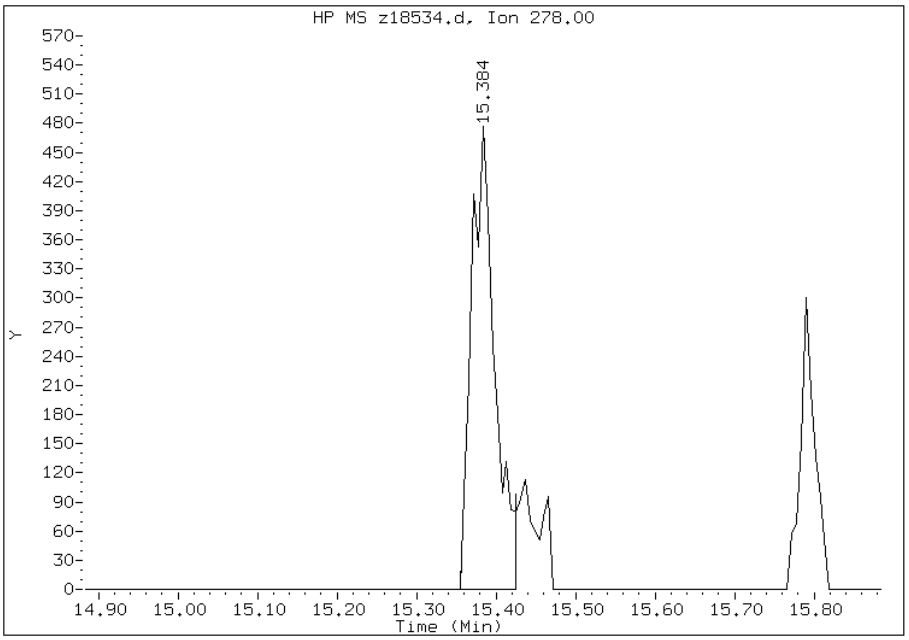
Processing Integration Results

RT: 15.38

Response: 972

Amount: 0

Conc: 0



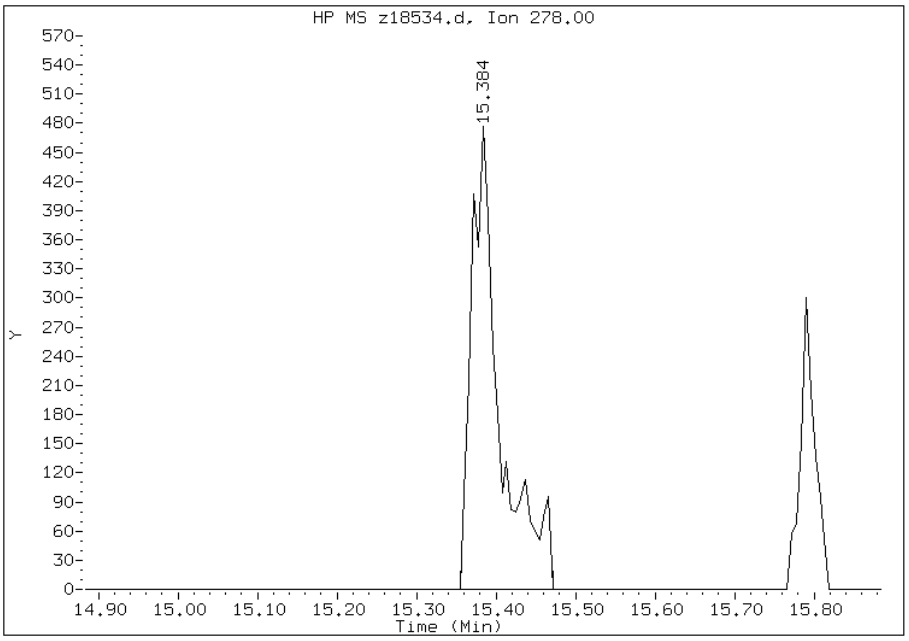
Manual Integration Results

RT: 15.38

Response: 1169

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148948/7	x34595.d
Level 2	IC 460-148948/6	x34594.d
Level 3	IC 460-148948/5	x34593.d
Level 4	ICIS 460-148948/2	x34590.d
Level 5	IC 460-148948/4	x34592.d
Level 6	IC 460-148948/3	x34591.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 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.5449 0.5887	0.5391	0.5254	0.5114	0.5529	Ave		0.5437				4.9		15.0			
N-Nitrosodimethylamine	0.7678 0.8107	0.7705	0.7785	0.7456	0.8036	Ave		0.7795				3.1		15.0			
Pyridine	1.4506 1.4161	1.4065	1.4050	1.2978	1.4014	Ave		1.3962				3.7		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1621	+++++	Ave		0.1621						15.0			
Benzaldehyde	0.9787 0.1337	0.8094	0.6568	0.2900	0.2306	Ave		0.5165				67.0	*	15.0			
Phenol	1.8967 1.5765	1.8689	1.8368	1.5443	1.3949	Ave		1.6863				12.4		15.0			
Aniline	2.0038 +++++	1.9715	1.9227	1.7176	1.6800	Ave		1.8591				8.1		15.0			
Bis(2-chloroethyl)ether	1.5119 2.2336	1.3731	1.3446	1.2716	1.3240	QuaF		0.9151	-0.070						0.9985		0.9900
2-Chlorophenol	1.5169 1.2978	1.5429	1.5410	1.3600	1.2514	Ave		1.4183				9.3		15.0			
Decane	1.3775 1.1503	1.3507	1.2961	1.1918	1.1478	Ave		1.2524				8.2		15.0			
1,3-Dichlorobenzene	1.7038 1.6520	1.7116	1.6850	1.5874	1.6514	Ave		1.6652				2.7		15.0			
1,4-Dichlorobenzene	1.7322 1.6527	1.7126	1.6918	1.5822	1.6410	Ave		1.6687				3.3		15.0			

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.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

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 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	0.8279 0.7884	0.8597	0.8698	0.7911	0.7891	Ave		0.8210				4.5		15.0			
1,2-Dichlorobenzene	1.6033 1.4773	1.6038	1.5721	1.4503	1.4926	Ave		1.5332				4.4		15.0			
2-Methylphenol	1.2437 1.0301	1.2200	1.2289	1.0679	0.9681	Ave		1.1264				10.6		15.0			
bis (2-chloroisopropyl) ether	1.5126 1.2030	1.4974	1.4307	1.2511	1.2207	Ave		1.3526				10.6		15.0			
Acetophenone	1.7354 1.4735	1.7701	1.7382	1.5255	1.4816	Ave		1.6207				8.7		15.0			
N-Nitrosodi-n-propylamine	0.8813 0.7846	0.8658	0.8670	0.7124	0.7871	Ave		0.8164			0.0500	8.1		15.0			
3 & 4 Methylphenol	1.2498 1.0099	1.2087	1.1935	1.0365	0.9434	Ave		1.1070				11.4		15.0			
4-Methylphenol	1.2386 1.0099	1.2117	1.1963	1.0365	0.9434	Ave		1.1061				11.2		15.0			
Hexachloroethane	0.6351 0.5895	0.6346	0.6411	0.5885	0.6089	Ave		0.6163				3.9		15.0			
Nitrobenzene	0.5734 0.4487	0.5375	0.5364	0.4841	0.4803	Ave		0.5101				9.1		15.0			
n,n'-Dimethylaniline	1.8708 1.7403	1.9866	1.9507	1.7568	1.8003	Ave		1.8509				5.5		15.0			
Isophorone	0.6070 0.5831	0.5905	0.6128	0.5575	0.5718	Ave		0.5871				3.6		15.0			
2-Nitrophenol	0.1843 0.2019	0.1950	0.2070	0.1913	0.1828	Ave		0.1937				4.9		15.0			
2,4-Dimethylphenol	0.3336 0.2909	0.3257	0.3375	0.2924	0.2726	Ave		0.3088				8.7		15.0			
Bis(2-chloroethoxy)methane	0.3882 0.3637	0.3806	0.3863	0.3537	0.3625	Ave		0.3725				3.9		15.0			
Benzoic acid	0.0794 0.1666	0.1104	0.1566	0.1034	0.1217	QuaF		9.9162	-7.782						0.9903		0.9900
2,4-Dichlorophenol	0.2965 0.2675	0.2903	0.3038	0.2666	0.2489	Ave		0.2789				7.6		15.0			
1,2,4-Trichlorobenzene	0.3447 0.3392	0.3429	0.3431	0.3193	0.3385	Ave		0.3380				2.8		15.0			
Naphthalene	1.1065 1.0097	1.0885	1.0957	0.9995	1.0226	Ave		1.0538				4.6		15.0			
4-Chloroaniline	0.3863 0.3346	0.3761	0.3867	0.3332	0.3294	Ave		0.3577				7.8		15.0			

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.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

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 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2073 0.2105	0.2006	0.2043	0.1900	0.2069	Ave		0.2033				3.6		15.0			
Caprolactam	0.0670 0.0585	0.0651	0.0776	0.0603	0.0566	Ave		0.0642				11.9		15.0			
4-Chloro-3-methylphenol	0.2637 0.2453	0.2543	0.2788	0.2442	0.2269	Ave		0.2522				7.1		15.0			
2-Methylnaphthalene	0.6625 0.6328	0.6649	0.6764	0.6128	0.6250	Ave		0.6457				4.0		15.0			
1-Methylnaphthalene	0.6915 0.6346	0.6610	0.6874	0.6237	0.6024	Ave		0.6501				5.5		15.0			
Hexachlorocyclopentadiene	0.3001 0.4408	0.3081	0.3229	0.3981	0.4308	LinF		0.4320			0.0500				0.9944		0.9900
1,2,4,5-Tetrachlorobenzene	0.6786 0.7420	0.6783	0.6776	0.6507	0.6738	Ave		0.6835				4.5		15.0			
2-tertbutyl-4-methylphenol	0.4622 0.3588	0.4463	0.4646	0.4143	0.3997	Ave		0.4243				9.7		15.0			
2,4,6-Trichlorophenol	0.3877 0.4486	0.3952	0.4138	0.3762	0.3648	Ave		0.3977				7.5		15.0			
2,4,5-Trichlorophenol	0.3805 0.3686	0.3918	0.4225	0.3756	0.3603	Ave		0.3832				5.7		15.0			
Diphenyl	1.6794 1.3547	1.7282	1.7096	1.5689	1.5511	Ave		1.5986				8.8		15.0			
2-Chloronaphthalene	1.2732 1.2039	1.2910	1.2651	1.1780	1.2302	Ave		1.2402				3.5		15.0			
Diphenyl ether	0.8970 0.8784	0.9111	0.8785	0.8272	0.8816	Ave		0.8790				3.2		15.0			
2-Nitroaniline	0.3609 0.2724	0.3972	0.4112	0.3101	0.3052	QuaF		2.4423	1.4877						0.9979		0.9900
Dimethylnaphthalene, total	1.0642 1.0182	1.0578	1.0388	1.0040	0.9874	Ave		1.0284				3.0		15.0			
Dimethyl phthalate	1.1778 1.1264	1.1293	1.1818	1.0644	1.0911	Ave		1.1285				4.1		15.0			
Coumarin	0.1754 0.1582	0.1577	0.1802	0.1576	0.1434	Ave		0.1621				8.3		15.0			
2,6-Dinitrotoluene	0.2359 0.2668	0.2521	0.2717	0.2543	0.2571	Ave		0.2563				4.9		15.0			
Acenaphthylene	1.9499 1.7773	1.8937	1.8925	1.7586	1.8029	Ave		1.8458				4.2		15.0			
3-Nitroaniline	0.2570 0.2199	0.2469	0.2634	0.2393	0.2362	Ave		0.2438				6.4		15.0			

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.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

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 3	LVL 4	LVL 5		B	M1	M2								
Acenaphthene	1.1230 1.0068	1.1200	1.1064	1.0181	1.0557	Ave		1.0717				4.9		15.0			
3,5-di-tert-butyl-4-hydroxytol	1.0417 1.0845	1.0827	1.0833	1.0709	1.0589	Ave		1.0703				1.6		15.0			
2,4-Dinitrophenol	0.0497 0.1095	0.0611	0.0793	0.0717	0.0924	QuaF		14.331	-16.06		0.0500				0.9946		0.9900
4-Nitrophenol	0.1504 0.1743	0.1458	0.1651	0.1514	0.1584	Ave		0.1576			0.0500	6.8		15.0			
2,4-Dinitrotoluene	0.2895 0.3122	0.2954	0.3164	0.2920	0.2965	Ave		0.3003				3.7		15.0			
Dibenzofuran	1.6029 1.5147	1.5740	1.5855	1.4619	1.5045	Ave		1.5406				3.6		15.0			
2,3,4,6-Tetrachlorophenol	0.2537 0.2596	0.2499	0.2604	0.2515	0.2480	Ave		0.2538				2.0		15.0			
Diethyl phthalate	1.0776 1.0872	1.0343	1.1062	1.0042	1.0276	Ave		1.0562				3.8		15.0			
Fluorene	1.2594 1.1723	1.2435	1.2656	1.1523	1.1937	Ave		1.2145				4.0		15.0			
4-Chlorophenyl phenyl ether	0.6003 0.5797	0.5789	0.5880	0.5416	0.5783	Ave		0.5778				3.4		15.0			
4-Nitroaniline	0.2067 0.1806	0.2069	0.2248	0.1820	0.1757	Ave		0.1961				10.0		15.0			
4,6-Dinitro-2-methylphenol	0.0820 0.1164	0.0924	0.1064	0.0972	0.1178	Ave		0.1021				13.8		15.0			
N-Nitrosodiphenylamine	0.6646 0.6217	0.6440	0.6307	0.5873	0.6154	Ave		0.6273				4.2		15.0			
1,2-Diphenylhydrazine	0.9170 1.1381	1.1436	1.1189	1.0732	1.1375	Ave		1.0880				8.1		15.0			
4-Bromophenyl phenyl ether	0.2524 0.2830	0.2590	0.2639	0.2554	0.2791	Ave		0.2655				4.8		15.0			
Hexachlorobenzene	0.2758 0.2893	0.2681	0.2762	0.2617	0.2878	Ave		0.2765				3.9		15.0			
Atrazine	0.1968 0.1936	0.1957	0.2116	0.1960	0.1986	Ave		0.1987				3.3		15.0			
Pentachlorophenol	0.1235 0.1622	0.1309	0.1451	0.1372	0.1521	Ave		0.1419				10.0		15.0			
Pentachloronitrobenzene	0.1107 0.1071	0.1028	0.1056	0.0984	0.1063	Ave		0.1052				4.0		15.0			
n-Octadecane	0.5293 0.5340	0.5608	0.5610	0.5405	0.5532	Ave		0.5465				2.5		15.0			

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.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

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 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.1782 1.1400	1.1543	1.1742	1.0965	1.1394	Ave		1.1471				2.6		15.0			
Anthracene	1.1487 1.1414	1.1673	1.1885	1.1133	1.1562	Ave		1.1526				2.2		15.0			
Carbazole	0.9198 0.8701	0.8889	0.9102	0.8169	0.8478	Ave		0.8756				4.4		15.0			
Di-n-butyl phthalate	1.0499 1.1417	1.0418	1.1324	1.0362	1.0883	Ave		1.0817				4.3		15.0			
Fluoranthene	0.9767 0.9595	0.9186	0.9753	0.8806	0.9040	Ave		0.9358				4.3		15.0			
Benzidine	0.1547 0.0191	0.2252	0.1454	0.0264	0.0197	Ave		0.0984				89.9	*	15.0			
Pyrene	1.8246 1.8747	1.8080	1.8806	1.8060	1.8036	Ave		1.8329				1.9		15.0			
Butyl benzyl phthalate	0.5698 0.7314	0.5758	0.6625	0.6352	0.6688	Ave		0.6406				9.6		15.0			
Carbamazepine	0.2714 0.4579	0.3425	0.3529	0.4384	0.4655	LinF		0.4562							0.9964		0.9900
3,3'-Dichlorobenzidine	0.3482 0.2700	0.3606	0.3431	0.2694	0.2788	Ave		0.3117				13.8		15.0			
Benzo[a]anthracene	1.5211 1.2640	1.1891	1.2276	1.1796	1.2220	Ave		1.2672				10.1		15.0			
Chrysene	1.1067 1.1256	1.1031	1.1412	1.0976	1.1408	Ave		1.1192				1.7		15.0			
Bis(2-ethylhexyl) phthalate	0.6962 0.9444	0.7166	0.8358	0.7947	0.8727	Ave		0.8100				11.7		15.0			
Di-n-octyl phthalate	1.1627 1.7683	1.2800	1.5517	1.4800	1.5829	Ave		1.4709				14.9		15.0			
Benzo[b]fluoranthene	1.0776 1.2999	1.1261	1.2672	1.1677	1.2699	Ave		1.2014				7.5		15.0			
Benzo[k]fluoranthene	1.2235 1.2758	1.2519	1.3215	1.2687	1.2724	Ave		1.2690				2.5		15.0			
Benzo[a]pyrene	0.8542 1.0258	0.9113	0.9777	0.9714	1.0328	Ave		0.9622				7.1		15.0			
Indeno[1,2,3-cd]pyrene	0.7111 1.0764	0.8862	0.9093	0.9337	1.0919	Ave		0.9348				15.0		15.0			
Dibenz(a,h)anthracene	0.5916 1.0447	0.8857	0.9228	0.9535	1.0996	LinF		1.0491							0.9959		0.9900
Benzo[g,h,i]perylene	0.8314 1.0620	0.9281	0.9572	0.9726	1.1156	Ave		0.9778				10.3		15.0			

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.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

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 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.4291 1.3212	1.4476	1.4529	1.2866	1.2177	Ave		1.3592				7.2		15.0			
Phenol-d5	1.7169 1.4257	1.7057	1.7049	1.4487	1.3335	Ave		1.5559				11.1		15.0			
Nitrobenzene-d5	0.3809 0.3671	0.3891	0.4080	0.3867	0.3645	Ave		0.3827				4.2		15.0			
2-Fluorobiphenyl	1.4922 1.4889	1.5072	1.5025	1.4395	1.4070	Ave		1.4729				2.7		15.0			
2,4,6-Tribromophenol	0.1502 0.1658	0.1532	0.1679	0.1548	0.1538	Ave		0.1576				4.7		15.0			
Terphenyl-d14	1.1980 1.3427	1.1604	1.2834	1.2280	1.1529	Ave		1.2276				6.0		15.0			

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.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148948/7	x34595.d
Level 2	IC 460-148948/6	x34594.d
Level 3	IC 460-148948/5	x34593.d
Level 4	ICIS 460-148948/2	x34590.d
Level 5	IC 460-148948/4	x34592.d
Level 6	IC 460-148948/3	x34591.d

ANALYTE	IS REF	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
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	47372 1160984	99443	176357	428267	687815	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	66759 1598983	142128	261314	624457	999753	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	126119 2792891	259431	471620	1086899	1743391	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1128	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	85091 263753	149290	220474	242828	286872	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	164905 3109233	344719	616546	1293335	1735295	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	174213 +++++	363651	645378	1438451	2090060	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	13145 4405144	253278	451324	1064967	1647133	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	131880 2559555	284588	517268	1138936	1556817	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	119766 2268592	249148	435052	998128	1427996	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	148135 3258091	315715	565607	1329435	2054474	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	150599 3259595	315886	567870	1325027	2041540	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	71982 1554844	158583	291967	662500	981675	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

ANALYTE	IS REF	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
1,2-Dichlorobenzene	DCB	Ave	139393 2913679	295821	527705	1214616	1856882	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	108133 2031621	225024	412484	894298	1204433	5.00 120	10.0	20.0	50.0	80.0
bis (2-chloroisopropyl) ether	DCB	Ave	131507 2372681	276205	480218	1047717	1518579	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	150877 2906099	326506	583441	1277528	1843224	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	7662 1547494	159696	291032	596609	979199	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	108664 1991819	222954	400617	868007	1173701	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	107690 1991819	223506	401557	868007	1173701	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	5522 1162698	117060	215181	492816	757576	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	17562 3048724	348527	630765	1398061	2044217	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	16265 3432249	366429	654767	1471263	2239746	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	185914 3961411	382855	720506	1609803	2433590	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	56447 1371853	126421	243415	552315	778189	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	102155 1976552	211206	396893	844300	1160328	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	118883 2471164	246754	454263	1021504	1542874	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	24308 1131803	71598	184113	298622	518074	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	90795 1817314	188249	357175	769759	1059294	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	10556 2304392	222333	403490	922114	1440836	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	338869 6860394	705787	1288375	2886445	4352404	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	118321 2273265	243862	454740	962134	1401764	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	12697 1430495	130046	240212	548567	880576	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	20508 397654	42193	91212	174200	240732	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

ANALYTE	IS REF	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
4-Chloro-3-methylphenol	NPT	Ave	80766 1666433	164865	327831	705299	965857	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	202894 4299327	431087	795311	1769558	2659971	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	211793 4311514	428572	808243	1801044	2564037	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	LinF	42172 1303852	87168	177230	502224	779146	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	95366 2194958	191940	371892	821010	1218647	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	141542 2437932	289345	546271	1196475	1701325	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	54482 1327140	111830	227122	474666	659823	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	53469 1090278	110875	231905	473930	651664	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	236019 4007216	489003	938281	1979424	2805370	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	178940 3561151	365308	694342	1486180	2225015	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	126062 2598493	257811	482148	1043592	1594489	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	QuaF	101447 805638	112404	225693	391277	552036	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	149562 3011854	299306	570128	1266692	1785842	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	165527 3331968	319562	648638	1342937	1973271	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	53709 1074645	102269	211855	455169	610133	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	6632 789169	71344	149137	320799	464898	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	274042 5257404	535847	1038672	2218714	3260784	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	72234 650561	69871	144590	301955	427134	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	157832 2978197	316921	607235	1284514	1909243	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	146397 3207946	306360	594534	1351059	1915141	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	20941 324048	34578	65317	90421	167143	15.0 120	20.0	30.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

ANALYTE	IS REF	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
4-Nitrophenol	ANT	Ave	63397 515648	82502	135913	190976	286548	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	8138 923495	83580	173678	368385	536326	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	225267 4480682	445393	870173	1844450	2720947	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	35651 767795	70719	142944	317274	448478	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	151448 3216052	292663	607117	1266974	1858443	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	177000 3467847	351876	694586	1453858	2158910	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	84360 1714675	163819	322739	683358	1045952	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	58107 534095	58548	123392	229625	317742	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	43794 403512	61727	108146	144288	235512	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	118360 2154483	215087	427203	871591	1230143	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	163301 3944103	381946	757895	1592684	2273709	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	44956 980588	86513	178745	379084	557927	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	4912 1002558	89546	187104	388327	575237	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	35046 671021	65360	143363	290894	397002	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	65997 562128	87460	147414	203653	304092	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	19714 371257	34332	71541	145966	212545	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	94259 1850456	187308	380029	802120	1105774	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	209825 3950564	385515	795354	1627195	2277638	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	204570 3955428	389851	805074	1652231	2311083	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	163811 3015275	296868	616533	1212312	1694668	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	186979 3956632	347963	767078	1537705	2175498	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

ANALYTE	IS REF	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
Fluoranthene	PHN	Ave	173935 3324913	306815	660670	1306823	1807131	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	27555 66051	150423	147722	39142	39445	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	170545 3149152	300086	631528	1256844	1736672	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	53265 1228604	95572	222476	442063	643963	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	LinF	25368 769197	56844	118489	305109	448210	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	65086 453618	119710	172835	187496	268457	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	14218 2123229	197368	412230	820891	1176677	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	103446 1890748	183082	383221	763809	1098468	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	65071 1586388	118930	280659	553040	840296	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	75934 2277164	155895	364491	785189	1232956	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	7038 1673980	137153	297664	619535	989150	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	7991 1642918	152476	310405	673119	991103	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	5579 1320959	110993	229667	515357	804464	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	4644 1386169	107934	213602	495367	850532	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	3864 1345310	107879	216753	505882	856524	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	54302 1367574	113035	224847	516005	868950	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	124251 2605664	267014	487674	1077462	1514953	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	149275 2811852	314629	572265	1213234	1658971	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	116662 2494393	252278	479796	1116783	1551235	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	209720 4404294	426472	824618	1816181	2544721	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	21114 490557	43355	92133	195331	278218	5.00 120	10.0	20.0	50.0	80.0

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

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148948

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2013 09:42 Calibration End Date: 02/26/2013 11:40 Calibration ID: 20497

ANALYTE	IS REF	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
Terphenyl-d14	CRY	Ave	111980 2255459	192597	430955	854614	1110120	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34590.d
Report Date: 26-Feb-2013 11:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34590.d
Lab Smp Id: ICIS-1995803
Inj Date : 26-FEB-2013 09:42
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : ICIS-1995803
Misc Info : 50 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/8270C_11.m
Meth Date : 26-Feb-2013 11:58 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 09:42 Cal File: x34590.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.427	1.427	(0.355)	428267	50.0000	47
	19 N-Nitrosodimethylamine	74	1.651	1.651	(0.411)	624457	50.0000	48
	71 Pyridine	79	1.674	1.674	(0.417)	1086899	50.0000	46
$	16 2-Fluorophenol (SUR)	112	2.750	2.750	(0.685)	1077462	50.0000	47
	110 Benzaldehyde	77	3.568	3.568	(0.889)	242828	50.0000	28
	73 Aniline	93	3.686	3.686	(0.918)	1438451	50.0000	51
$	17 Phenol-d5 (SUR)	99	3.674	3.674	(0.915)	1213234	50.0000	46
	1 Phenol	94	3.692	3.692	(0.919)	1293335	50.0000	46
	20 bis(2-Chloroethyl)ether	93	3.756	3.756	(0.936)	1064967	50.0000	42
	2 2-Chlorophenol	128	3.815	3.815	(0.950)	1138936	50.0000	48
	113 n-decane	43	3.868	3.868	(0.963)	998128	50.0000	48
	21 1,3-Dichlorobenzene	146	3.962	3.962	(0.987)	1329435	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	4.015	4.015	(1.000)	669975	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34590.d
Report Date: 26-Feb-2013 11:58

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.033	4.033	(1.004)	1325027	50.0000	47
	74 Benzyl Alcohol	108	4.168	4.168	(1.038)	662500	50.0000	48
	23 1,2-Dichlorobenzene	146	4.186	4.186	(1.042)	1214616	50.0000	47
	24 bis (2-chloroisopropyl) ether	45	4.303	4.303	(1.072)	1047717	50.0000	46
	3 2-Methylphenol	108	4.297	4.297	(1.070)	894298	50.0000	47
	104 Acetophenone	105	4.439	4.439	(1.105)	1277528	50.0000	47
	25 N-Nitroso-di-n-propylamine	70	4.444	4.444	(1.107)	596609	50.0000	44(H)
	4 4-Methylphenol	108	4.456	4.456	(1.110)	868007	50.0000	47
	123 3 & 4 Methylphenol	108	4.456	4.456	(1.110)	868007	50.0000	47
	26 Hexachloroethane	117	4.527	4.527	(1.127)	492816	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	4.580	4.580	(0.864)	1116783	50.0000	50
	27 Nitrobenzene	77	4.603	4.603	(0.868)	1398061	50.0000	47
	107 N,N-Dimethylaniline	120	4.609	4.609	(1.148)	1471263	50.0000	47
	28 Isophorone	82	4.850	4.850	(0.915)	1609803	50.0000	47
	5 2-Nitrophenol	139	4.921	4.921	(0.928)	552315	50.0000	49
	6 2,4-Dimethylphenol	122	4.986	4.986	(0.940)	844300	50.0000	47
	29 bis(2-Chloroethoxy)methane	93	5.074	5.074	(0.957)	1021504	50.0000	47
	15 Benzoic Acid	122	5.127	5.127	(0.967)	298622	50.0000	42
	7 2,4-Dichlorophenol	162	5.174	5.174	(0.976)	769759	50.0000	48
	30 1,2,4-Trichlorobenzene	180	5.250	5.250	(0.990)	922114	50.0000	47
*	80 Naphthalene-d8	136	5.303	5.303	(1.000)	2310209	40.0000	
	31 Naphthalene	128	5.321	5.321	(1.003)	2886445	50.0000	47
	32 4-Chloroaniline	127	5.386	5.386	(1.016)	962134	50.0000	46
	33 Hexachlorobutadiene	225	5.462	5.462	(1.030)	548567	50.0000	47
	111 Caprolactam	113	5.768	5.768	(1.088)	174200	50.0000	47
	8 4-Chloro-3-methylphenol	107	5.897	5.897	(1.112)	705299	50.0000	48
	34 2-Methylnaphthalene	142	6.015	6.015	(1.134)	1769558	50.0000	47
	120 1-Methylnaphthalene	142	6.115	6.115	(1.153)	1801044	50.0000	48
	35 Hexachlorocyclopentadiene	237	6.186	6.186	(0.877)	502224	50.0000	54
	129 1,2,4,5-Tetrachlorobenzene	216	6.191	6.191	(0.878)	821010	50.0000	48
	121 2-tert-Butyl-4-methylphenol	149	6.244	6.244	(1.177)	1196475	50.0000	49
	9 2,4,6-Trichlorophenol	196	6.309	6.309	(0.895)	474666	50.0000	47
	10 2,4,5-Trichlorophenol	196	6.350	6.350	(0.901)	473930	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.391	6.391	(0.907)	1816181	50.0000	49
	102 Diphenyl	154	6.486	6.486	(0.920)	1979424	50.0000	49
	36 2-Chloronaphthalene	162	6.503	6.503	(0.922)	1486180	50.0000	47
	103 Diphenyl Ether	170	6.591	6.591	(0.935)	1043592	50.0000	47
	37 2-Nitroaniline	65	6.609	6.609	(0.937)	391277	50.0000	45
	125 1,3-Dimethylnaphthalene	156	6.721	6.721	(0.953)	1266692	50.0000	49
	38 Dimethylphthalate	163	6.803	6.803	(0.965)	1342937	50.0000	47
	114 Coumarin	146	6.809	6.809	(1.284)	455169	50.0000	49
	40 2,6-Dinitrotoluene	165	6.856	6.856	(0.972)	320799	50.0000	50
	39 Acenaphthylene	152	6.909	6.909	(0.980)	2218714	50.0000	48
	41 3-Nitroaniline	138	7.021	7.021	(0.996)	301955	50.0000	49
*	82 Acenaphthene-d10	164	7.050	7.050	(1.000)	1009326	40.0000	
	42 Acenaphthene	154	7.080	7.080	(1.004)	1284514	50.0000	48
	122 2,6-Di-tert-butyl-p-cresol	205	7.085	7.085	(1.005)	1351059	50.0000	50

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34590.d
Report Date: 26-Feb-2013 11:58

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11	2,4-Dinitrophenol	184	7.115	7.115	(1.009)	90421	50.0000	46
	12	4-Nitrophenol	65	7.203	7.203	(1.022)	190976	50.0000	48
	43	Dibenzofuran	168	7.250	7.250	(1.028)	1844450	50.0000	47
	44	2,4-Dinitrotoluene	165	7.250	7.250	(1.028)	368385	50.0000	49
	130	2,3,4,6-Tetrachlorophenol	232	7.380	7.380	(1.047)	317274	50.0000	50
	45	Diethylphthalate	149	7.497	7.497	(1.063)	1266974	50.0000	48
	47	Fluorene	166	7.585	7.585	(1.076)	1453858	50.0000	47
	46	4-Chlorophenyl-phenylether	204	7.591	7.591	(1.077)	683358	50.0000	47
	48	4-Nitroaniline	138	7.621	7.621	(1.081)	229625	50.0000	46
	13	4,6-Dinitro-2-methylphenol	198	7.650	7.650	(0.900)	144288	50.0000	48
	49	N-Nitrosodiphenylamine	169	7.715	7.715	(0.907)	871591	50.0000	47
	75	1,2-Diphenylhydrazine	77	7.750	7.750	(0.911)	1592684	50.0000	49
$	18	2,4,6-Tribromophenol (SUR)	330	7.827	7.827	(1.110)	195331	50.0000	49
	50	4-Bromophenyl-phenylether	248	8.068	8.068	(0.949)	379084	50.0000	48
	51	Hexachlorobenzene	284	8.132	8.132	(0.956)	388327	50.0000	47
	112	Atrazine	200	8.244	8.244	(0.970)	290894	50.0000	49
	14	Pentachlorophenol	266	8.327	8.327	(0.979)	203653	50.0000	48
	132	Pentachloronitrobenzene	237	8.344	8.344	(0.981)	145966	50.0000	47
	115	n-Octadecane	57	8.427	8.427	(0.991)	802120	50.0000	49
*	83	Phenanthrene-d10	188	8.503	8.503	(1.000)	1187223	40.0000	
	52	Phenanthrene	178	8.527	8.527	(1.003)	1627195	50.0000	48
	53	Anthracene	178	8.574	8.574	(1.008)	1652231	50.0000	48
	54	Carbazole	167	8.738	8.738	(1.028)	1212312	50.0000	47
	55	Di-n-butylphthalate	149	9.091	9.091	(1.069)	1537705	50.0000	48
	56	Fluoranthene	202	9.685	9.685	(1.139)	1306823	50.0000	47
	58	Benzidine	184	9.826	9.826	(1.156)	39142	50.0000	13
	57	Pyrene	202	9.909	9.909	(0.885)	1256844	50.0000	49
$	78	Terphenyl-d14	244	10.068	10.068	(0.900)	854614	50.0000	50
	59	Butylbenzylphthalate	149	10.579	10.579	(0.945)	442063	50.0000	50
	109	2,3,7,8-TCDD (Screen)	320	10.673	10.673	(0.954)	1128	0.50000	0.50
	124	Carbamazepine	193	10.685	10.685	(0.955)	305109	50.0000	56
	60	3,3'-Dichlorobenzidine	252	11.162	11.162	(0.997)	187496	50.0000	43
	61	Benzo(a)anthracene	228	11.179	11.179	(0.999)	820891	50.0000	46
*	81	Chrysene-d12	240	11.191	11.191	(1.000)	556732	40.0000	
	62	Chrysene	228	11.221	11.221	(1.003)	763809	50.0000	49
	63	bis(2-Ethylhexyl)phthalate	149	11.244	11.244	(1.005)	553040	50.0000	49
	64	Di-n-octylphthalate	149	12.056	12.056	(0.926)	785189	50.0000	50
	65	Benzo(b)fluoranthene	252	12.515	12.515	(0.962)	619535	50.0000	48
	66	Benzo(k)fluoranthene	252	12.550	12.550	(0.964)	673119	50.0000	50
	67	Benzo(a)pyrene	252	12.938	12.938	(0.994)	515357	50.0000	50
*	84	Perylene-d12	264	13.015	13.015	(1.000)	424436	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.420	14.420	(1.108)	495367	50.0000	50
	69	Dibenz(a,h)anthracene	278	14.456	14.456	(1.111)	505882	50.0000	52
	70	Benzo(g,h,i)perylene	276	14.791	14.791	(1.136)	516005	50.0000	50

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34590.d
Report Date: 26-Feb-2013 11:58

QC Flag Legend

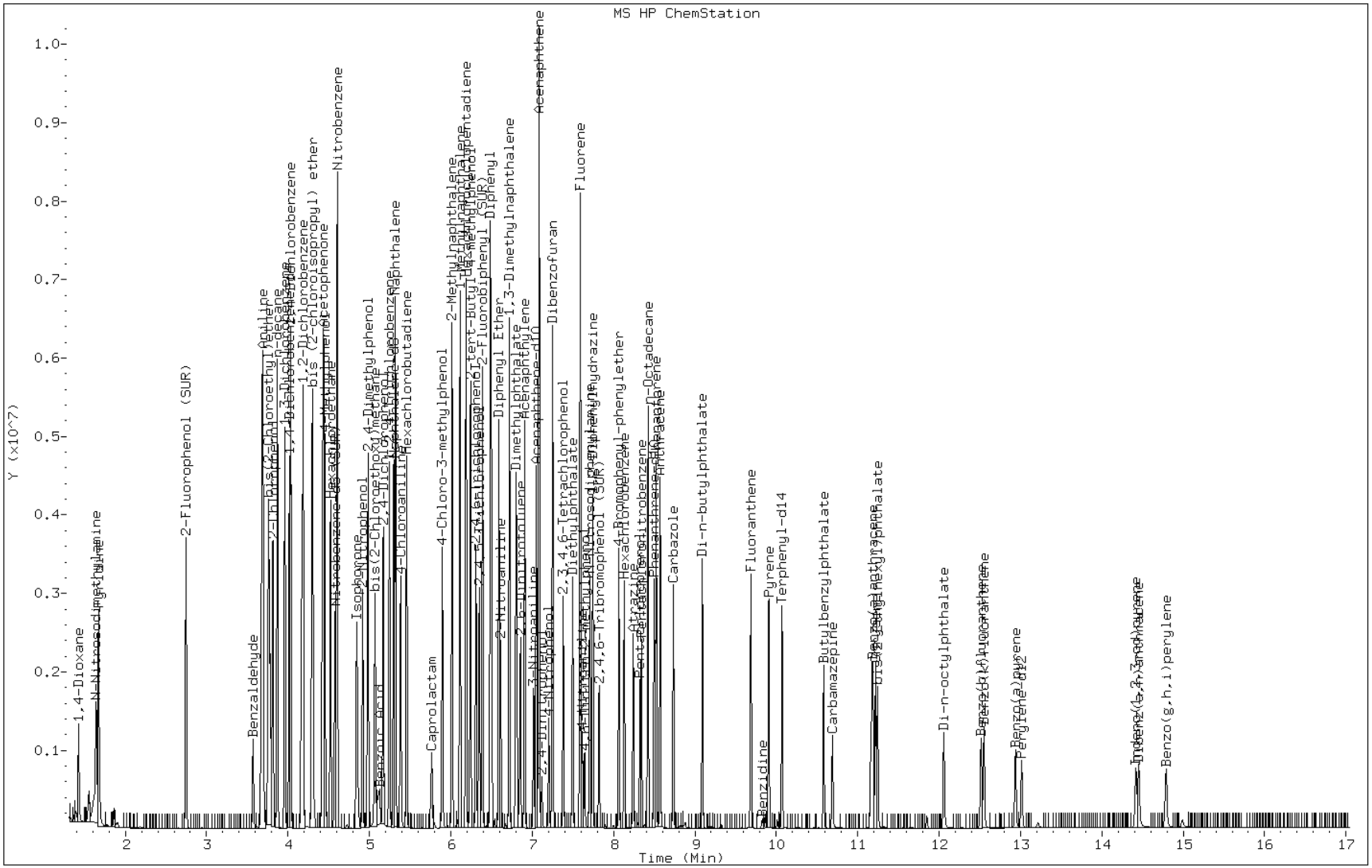
H - Operator selected an alternate compound hit.

Data File: x34590.d

Date: 26-FEB-2013 09:42

Client ID: Instrument: BNAMS5.i

Sample Info: ICIS-1995803 Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34591.d
Report Date: 26-Feb-2013 11:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34591.d
Lab Smp Id: IC-1995804
Inj Date : 26-FEB-2013 10:06
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1995804
Misc Info : 120 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/8270C_11.m
Meth Date : 26-Feb-2013 11:58 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 10:06 Cal File: x34591.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.568	1.568	(0.389)	1160984	120.000	130(AM)
	19 N-Nitrosodimethylamine	74	1.762	1.762	(0.437)	1598983	120.000	120(AMH)
	71 Pyridine	79	1.792	1.792	(0.444)	2792891	120.000	120(AMH)
$	16 2-Fluorophenol (SUR)	112	2.833	2.833	(0.702)	2605664	120.000	120
	110 Benzaldehyde	77	3.603	3.603	(0.894)	263753	120.000	31
	73 Aniline	93	3.715	3.715	(0.921)	1733215	120.000	62
$	17 Phenol-d5 (SUR)	99	3.715	3.715	(0.921)	2811852	120.000	110
	1 Phenol	94	3.727	3.727	(0.924)	3109233	120.000	110
	20 bis(2-Chloroethyl)ether	93	3.797	3.797	(0.942)	4405144	120.000	180(AM)
	2 2-Chlorophenol	128	3.850	3.850	(0.955)	2559555	120.000	110
	113 n-decane	43	3.880	3.880	(0.962)	2268592	120.000	110
	21 1,3-Dichlorobenzene	146	3.986	3.986	(0.988)	3258091	120.000	120
*	79 1,4-Dichlorobenzene-d4	152	4.033	4.033	(1.000)	657418	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34591.d
Report Date: 26-Feb-2013 11:58

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
22	1,4-Dichlorobenzene	146	4.050	4.050	(1.004)	3259595	120.000	120
74	Benzyl Alcohol	108	4.191	4.191	(1.039)	1554844	120.000	120
23	1,2-Dichlorobenzene	146	4.203	4.203	(1.042)	2913679	120.000	120
24	bis (2-chloroisopropyl) ether	45	4.315	4.315	(1.070)	2372681	120.000	110
3	2-Methylphenol	108	4.315	4.315	(1.070)	2031621	120.000	110
104	Acetophenone	105	4.462	4.462	(1.106)	2906099	120.000	110
25	N-Nitroso-di-n-propylamine	70	4.509	4.509	(1.118)	1547494	120.000	120(M)
4	4-Methylphenol	108	4.486	4.486	(1.112)	1991819	120.000	110
123	3 & 4 Methylphenol	108	4.486	4.486	(1.112)	1991819	120.000	110
26	Hexachloroethane	117	4.533	4.533	(1.124)	1162698	120.000	110
$ 76	Nitrobenzene-d5 (SUR)	82	4.603	4.603	(0.867)	2494393	120.000	120
27	Nitrobenzene	77	4.633	4.633	(0.873)	3048724	120.000	100
107	N,N-Dimethylaniline	120	4.633	4.633	(1.149)	3432249	120.000	110
28	Isophorone	82	4.880	4.880	(0.919)	3961411	120.000	120
5	2-Nitrophenol	139	4.933	4.933	(0.929)	1371853	120.000	120(A)
6	2,4-Dimethylphenol	122	5.003	5.003	(0.942)	1976552	120.000	110
29	bis(2-Chloroethoxy)methane	93	5.086	5.086	(0.958)	2471164	120.000	120
15	Benzoic Acid	122	5.215	5.215	(0.982)	1131803	120.000	160(A)
7	2,4-Dichlorophenol	162	5.191	5.191	(0.978)	1817314	120.000	120
30	1,2,4-Trichlorobenzene	180	5.256	5.256	(0.990)	2304392	120.000	120(A)
* 80	Naphthalene-d8	136	5.309	5.309	(1.000)	2264760	40.0000	
31	Naphthalene	128	5.333	5.333	(1.004)	6860394	120.000	110
32	4-Chloroaniline	127	5.397	5.397	(1.017)	2273265	120.000	110
33	Hexachlorobutadiene	225	5.468	5.468	(1.030)	1430495	120.000	120(A)
111	Caprolactam	113	5.838	5.838	(1.100)	397654	120.000	110(H)
8	4-Chloro-3-methylphenol	107	5.921	5.921	(1.115)	1666433	120.000	120
34	2-Methylnaphthalene	142	6.027	6.027	(1.135)	4299327	120.000	120
120	1-Methylnaphthalene	142	6.127	6.127	(1.154)	4311514	120.000	120
35	Hexachlorocyclopentadiene	237	6.191	6.191	(0.877)	1303852	120.000	140(A)
129	1,2,4,5-Tetrachlorobenzene	216	6.203	6.203	(0.879)	2194958	120.000	130(A)
121	2-tert-Butyl-4-methylphenol	149	6.256	6.256	(1.178)	2437932	120.000	100
9	2,4,6-Trichlorophenol	196	6.321	6.321	(0.896)	1327140	120.000	140(A)
10	2,4,5-Trichlorophenol	196	6.368	6.368	(0.902)	1090278	120.000	120
$ 77	2-Fluorobiphenyl (SUR)	172	6.403	6.403	(0.907)	4404294	120.000	120(A)
102	Diphenyl	154	6.497	6.497	(0.921)	4007216	120.000	100
36	2-Chloronaphthalene	162	6.515	6.515	(0.923)	3561151	120.000	120
103	Diphenyl Ether	170	6.597	6.597	(0.935)	2598493	120.000	120
37	2-Nitroaniline	65	6.627	6.627	(0.939)	805638	120.000	95
125	1,3-Dimethylnaphthalene	156	6.733	6.733	(0.954)	3011854	120.000	120
38	Dimethylphthalate	163	6.815	6.815	(0.966)	3331968	120.000	120
114	Coumarin	146	6.832	6.832	(1.287)	1074645	120.000	120
40	2,6-Dinitrotoluene	165	6.874	6.874	(0.974)	789169	120.000	120(A)
39	Acenaphthylene	152	6.921	6.921	(0.981)	5257404	120.000	120
41	3-Nitroaniline	138	7.038	7.038	(0.998)	650561	120.000	110
* 82	Acenaphthene-d10	164	7.056	7.056	(1.000)	986027	40.0000	
42	Acenaphthene	154	7.091	7.091	(1.005)	2978197	120.000	110
122	2,6-Di-tert-butyl-p-cresol	205	7.097	7.097	(1.006)	3207946	120.000	120(A)

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34591.d
Report Date: 26-Feb-2013 11:58

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.138	7.138	(1.012)	324048	120.000	170(A)
	12 4-Nitrophenol	65	7.221	7.221	(1.023)	515648	120.000	130(A)
	43 Dibenzofuran	168	7.262	7.262	(1.029)	4480682	120.000	120
	44 2,4-Dinitrotoluene	165	7.262	7.262	(1.029)	923495	120.000	120(A)
	130 2,3,4,6-Tetrachlorophenol	232	7.391	7.391	(1.048)	767795	120.000	120(A)
	45 Diethylphthalate	149	7.509	7.509	(1.064)	3216052	120.000	120(A)
	47 Fluorene	166	7.597	7.597	(1.077)	3467847	120.000	120
	46 4-Chlorophenyl-phenylether	204	7.603	7.603	(1.078)	1714675	120.000	120(A)
	48 4-Nitroaniline	138	7.644	7.644	(1.083)	534095	120.000	110
	13 4,6-Dinitro-2-methylphenol	198	7.668	7.668	(0.901)	403512	120.000	140(A)
	49 N-Nitrosodiphenylamine	169	7.727	7.727	(0.908)	2154483	120.000	120
	75 1,2-Diphenylhydrazine	77	7.756	7.756	(0.912)	3944103	120.000	120(A)
$	18 2,4,6-Tribromophenol (SUR)	330	7.838	7.838	(1.111)	490557	120.000	130(A)
	50 4-Bromophenyl-phenylether	248	8.079	8.079	(0.950)	980588	120.000	130(A)
	51 Hexachlorobenzene	284	8.144	8.144	(0.957)	1002558	120.000	120(A)
	112 Atrazine	200	8.262	8.262	(0.971)	671021	120.000	120
	14 Pentachlorophenol	266	8.338	8.338	(0.980)	562128	120.000	140(A)
	132 Pentachloronitrobenzene	237	8.356	8.356	(0.982)	371257	120.000	120(A)
	115 n-Octadecane	57	8.432	8.432	(0.991)	1850456	120.000	120
*	83 Phenanthrene-d10	188	8.509	8.509	(1.000)	1155145	40.0000	
	52 Phenanthrene	178	8.538	8.538	(1.003)	3950564	120.000	120
	53 Anthracene	178	8.585	8.585	(1.009)	3955428	120.000	120
	54 Carbazole	167	8.744	8.744	(1.028)	3015275	120.000	120
	55 Di-n-butylphthalate	149	9.097	9.097	(1.069)	3956632	120.000	130(A)
	56 Fluoranthene	202	9.697	9.697	(1.140)	3324913	120.000	120(A)
	58 Benzidine	184	9.826	9.826	(1.155)	66051	120.000	23
	57 Pyrene	202	9.915	9.915	(0.885)	3149152	120.000	120(A)
$	78 Terphenyl-d14	244	10.073	10.073	(0.900)	2255459	120.000	130(A)
	59 Butylbenzylphthalate	149	10.585	10.585	(0.945)	1228604	120.000	140(A)
	124 Carbamazepine	193	10.697	10.697	(0.955)	769197	120.000	140(A)
	60 3,3'-Dichlorobenzidine	252	11.168	11.168	(0.997)	453618	120.000	100
	61 Benzo(a)anthracene	228	11.185	11.185	(0.999)	2123229	120.000	120
*	81 Chrysene-d12	240	11.197	11.197	(1.000)	559942	40.0000	
	62 Chrysene	228	11.232	11.232	(1.003)	1890748	120.000	120(A)
	63 bis(2-Ethylhexyl)phthalate	149	11.250	11.250	(1.005)	1586388	120.000	140(A)
	64 Di-n-octylphthalate	149	12.062	12.062	(0.926)	2277164	120.000	140(A)
	65 Benzo(b)fluoranthene	252	12.526	12.526	(0.962)	1673980	120.000	130(A)
	66 Benzo(k)fluoranthene	252	12.567	12.567	(0.965)	1642918	120.000	120(A)
	67 Benzo(a)pyrene	252	12.950	12.950	(0.995)	1320959	120.000	130(A)
*	84 Perylene-d12	264	13.020	13.020	(1.000)	429261	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.438	14.438	(1.109)	1386169	120.000	140(A)
	69 Dibenz(a,h)anthracene	278	14.473	14.473	(1.112)	1345310	120.000	140(A)
	70 Benzo(g,h,i)perylene	276	14.814	14.814	(1.138)	1367574	120.000	130(A)

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34591.d
Report Date: 26-Feb-2013 11:58

QC Flag Legend

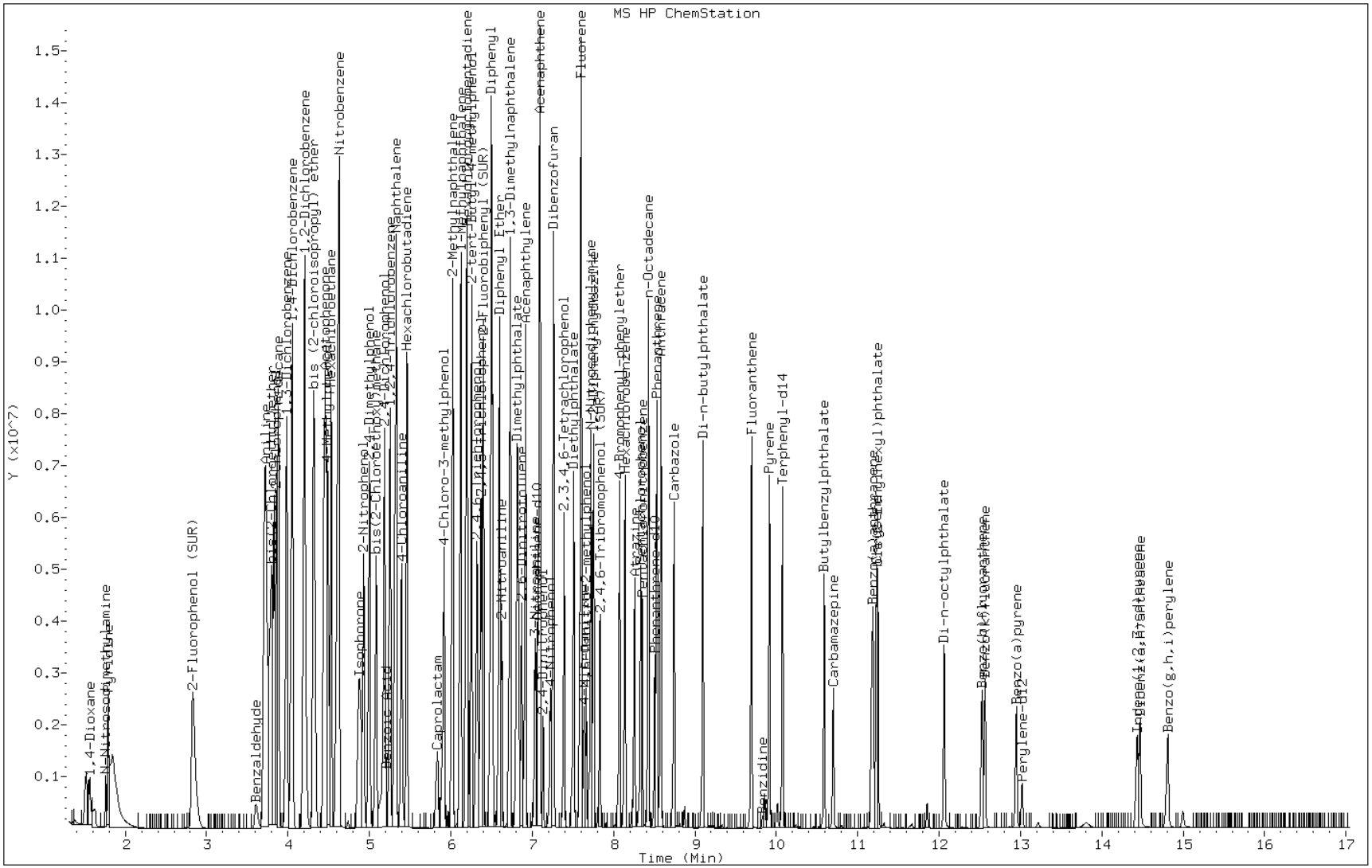
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x34591.d

Date: 26-FEB-2013 10:06

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1995804 Operator: BNAMS 4



Manual Integration Report

Data File: x34591.d
Inj. Date and Time: 26-FEB-2013 10:06
Instrument ID: BNAMS5.i
Client ID:
Compound: 106 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/27/2013

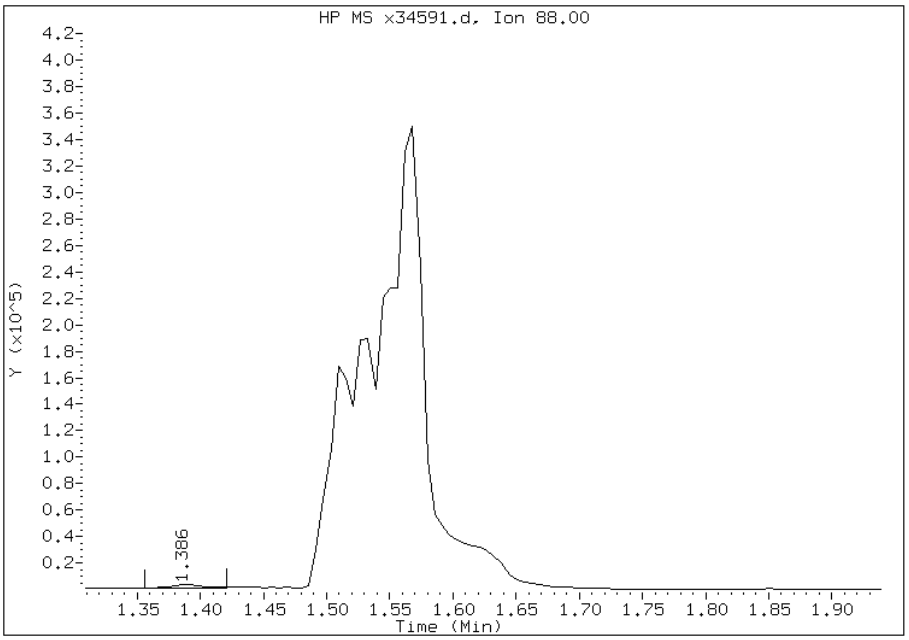
Processing Integration Results

RT: 1.39

Response: 4557

Amount: 1

Conc: 1



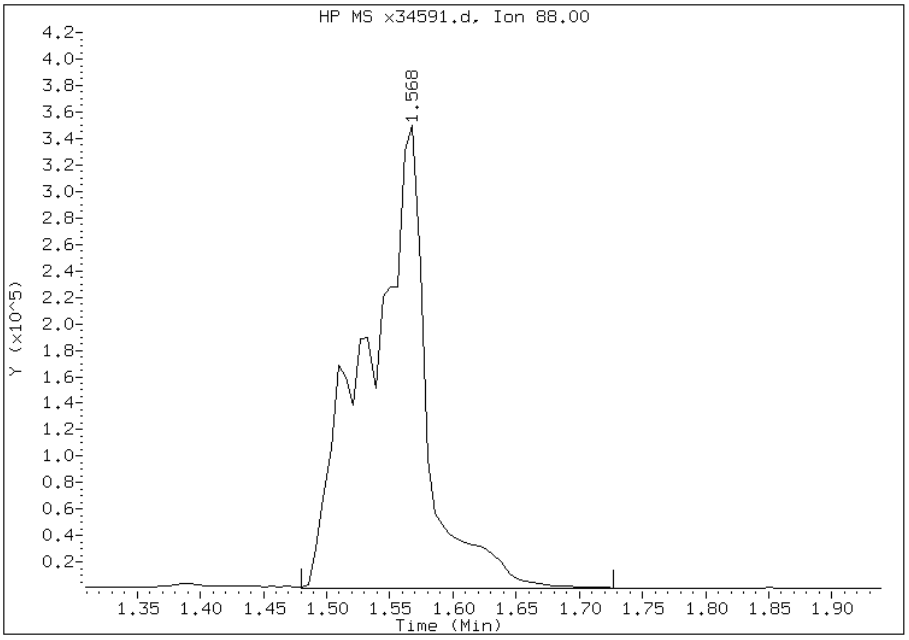
Manual Integration Results

RT: 1.57

Response: 1160984

Amount: 130

Conc: 130



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: x34591.d
Inj. Date and Time: 26-FEB-2013 10:06
Instrument ID: BNAMS5.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 02/27/2013

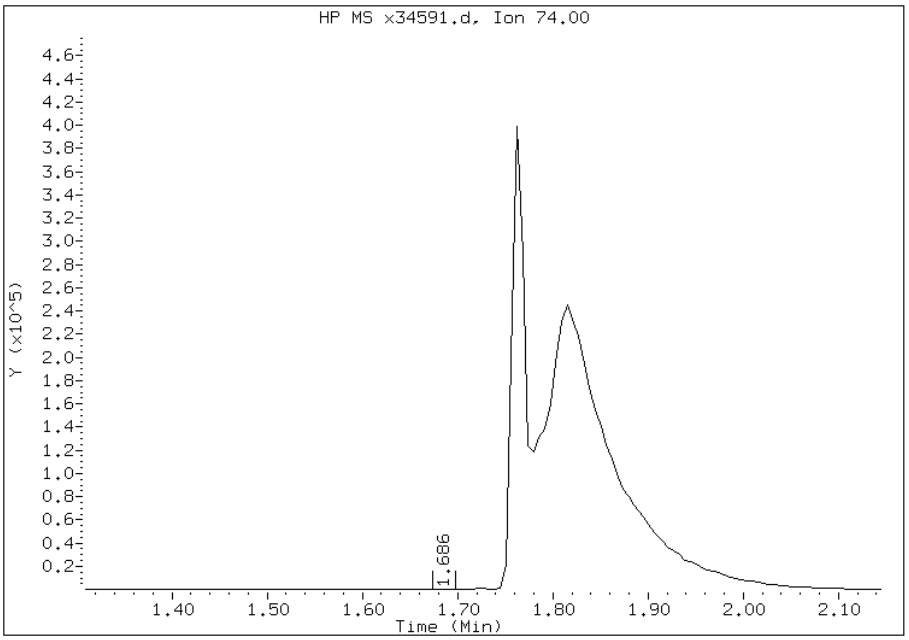
Processing Integration Results

RT: 1.69

Response: 51

Amount: 0

Conc: 0



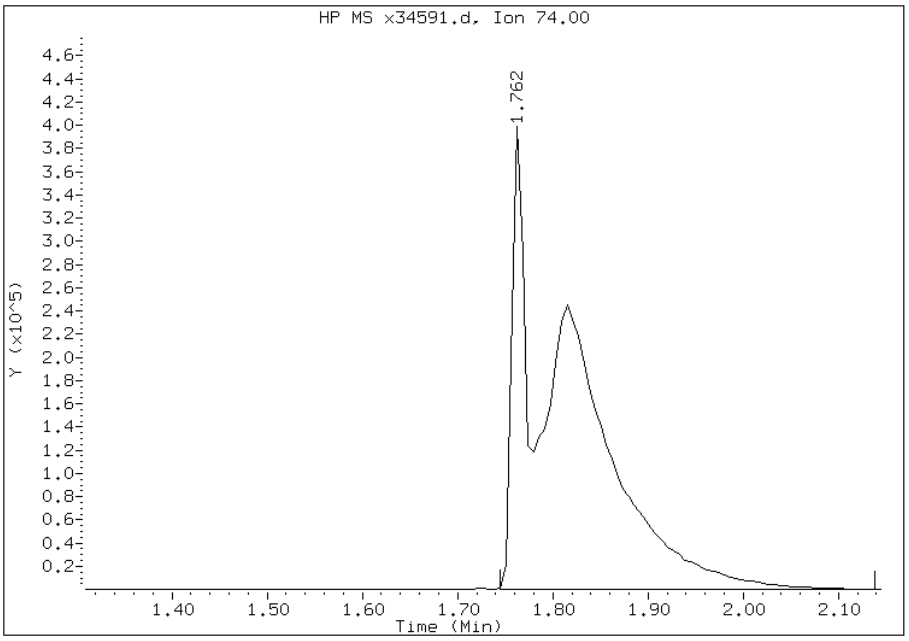
Manual Integration Results

RT: 1.76

Response: 1598983

Amount: 125

Conc: 125



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: x34591.d
Inj. Date and Time: 26-FEB-2013 10:06
Instrument ID: BNAMS5.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 02/27/2013

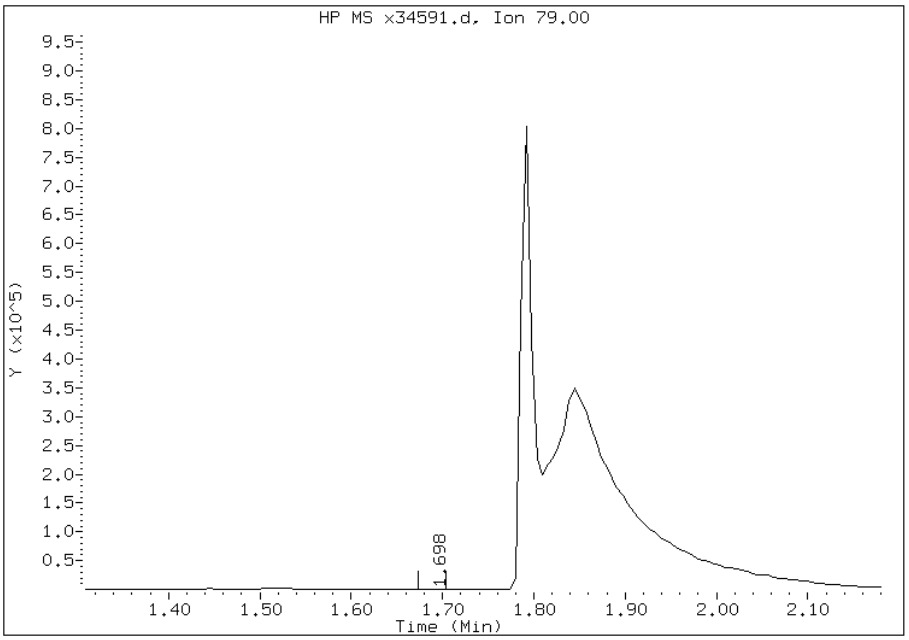
Processing Integration Results

RT: 1.70

Response: 309

Amount: 0

Conc: 0



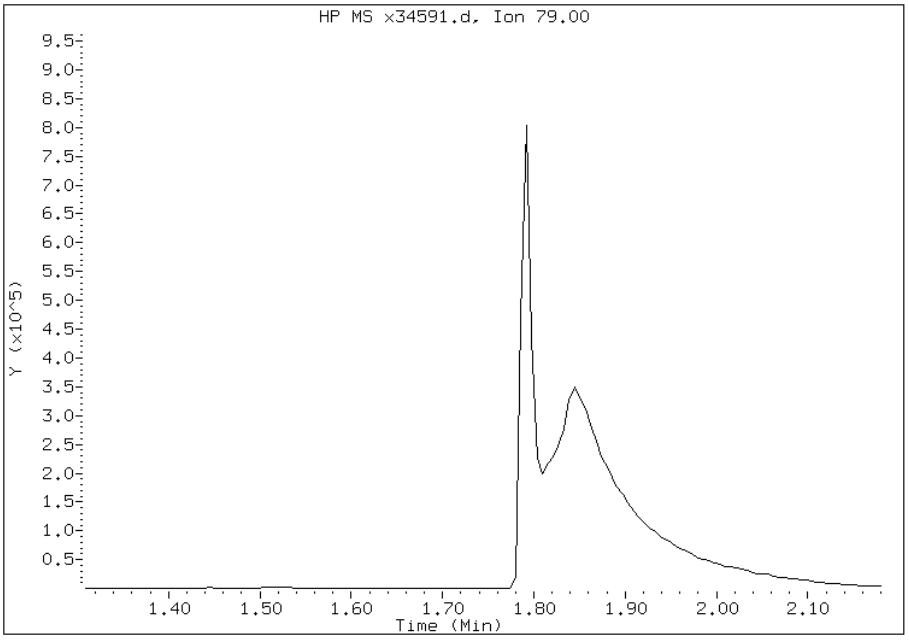
Manual Integration Results

RT: 1.79

Response: 2792891

Amount: 122

Conc: 122



Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: x34591.d
Inj. Date and Time: 26-FEB-2013 10:06
Instrument ID: BNAMS5.i
Client ID:
Compound: 20 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 02/27/2013

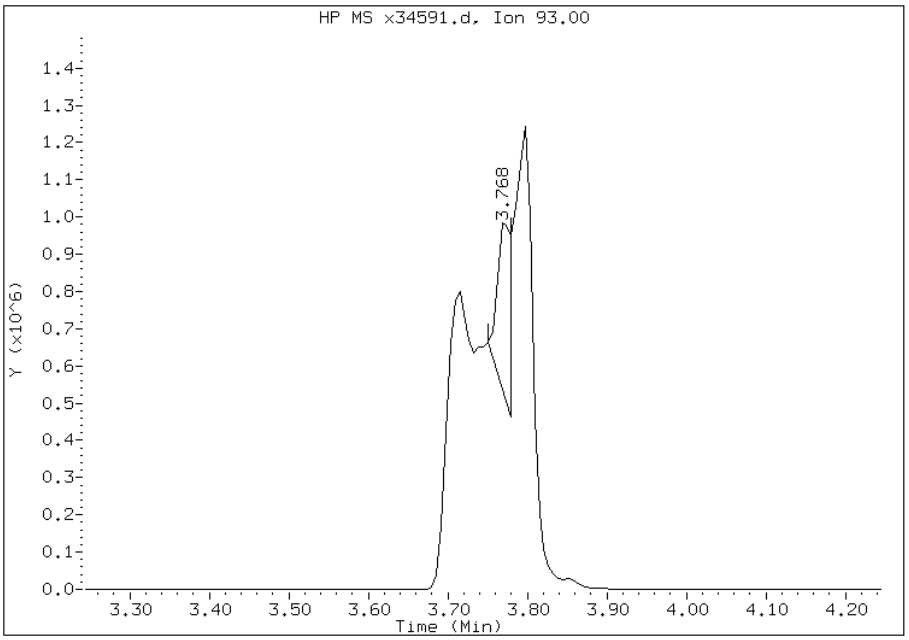
Processing Integration Results

RT: 3.77

Response: 606827

Amount: 47

Conc: 47



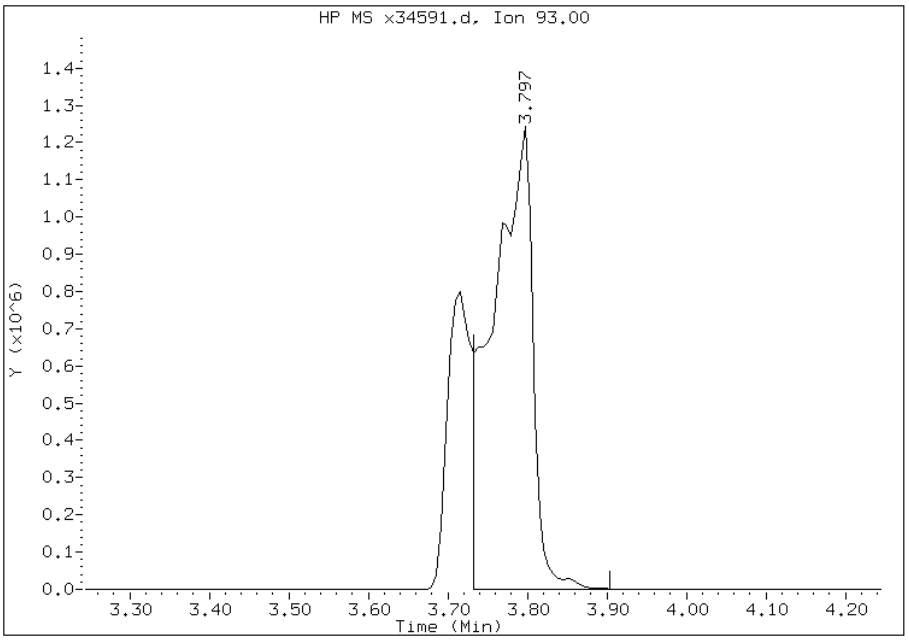
Manual Integration Results

RT: 3.80

Response: 4405144

Amount: 178

Conc: 178



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: x34591.d
Inj. Date and Time: 26-FEB-2013 10:06
Instrument ID: BNAMS5.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 02/27/2013

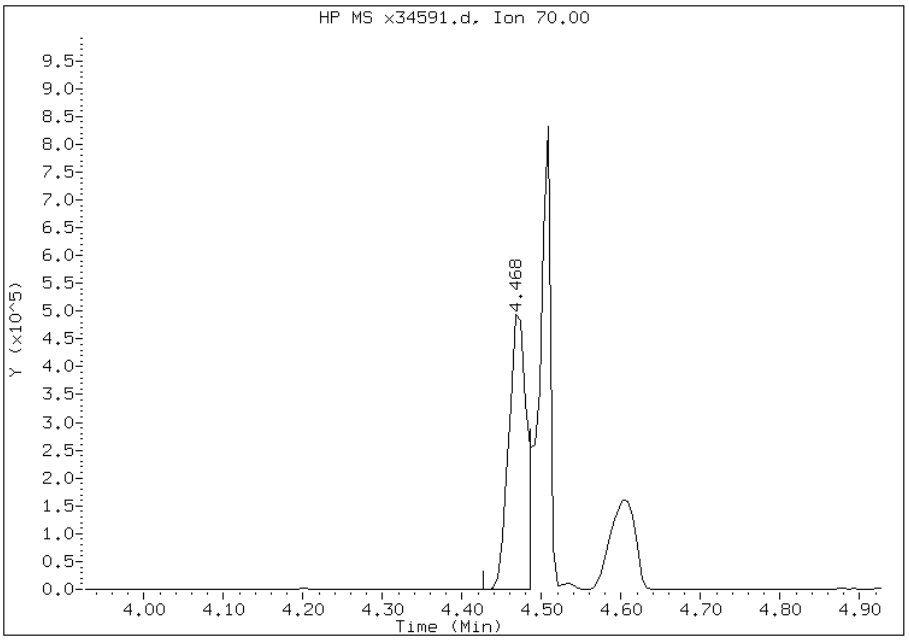
Processing Integration Results

RT: 4.47

Response: 782618

Amount: 86

Conc: 86



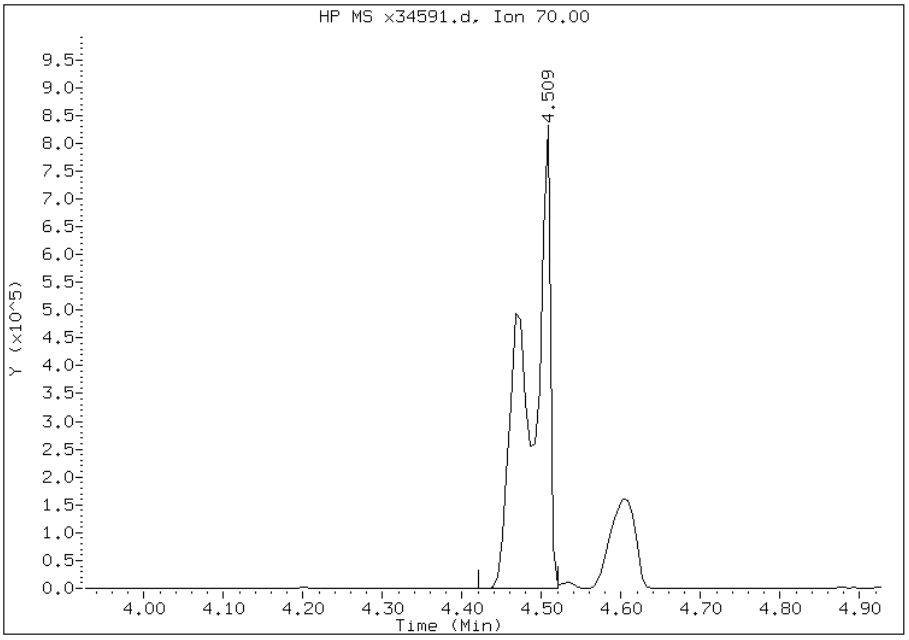
Manual Integration Results

RT: 4.51

Response: 1547494

Amount: 115

Conc: 115



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34592.d
Report Date: 26-Feb-2013 11:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34592.d
Lab Smp Id: IC-1995805
Inj Date : 26-FEB-2013 10:29
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1995805
Misc Info : 80 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/8270C_11.m
Meth Date : 26-Feb-2013 11:58 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 10:29 Cal File: x34592.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.486	1.486	(0.370)	687815	80.0000	81(H)
19	N-Nitrosodimethylamine	74	1.715	1.715	(0.427)	999753	80.0000	82(H)
71	Pyridine	79	1.739	1.739	(0.432)	1743391	80.0000	80
$ 16	2-Fluorophenol (SUR)	112	2.780	2.780	(0.691)	1514953	80.0000	72
110	Benzaldehyde	77	3.580	3.580	(0.890)	286872	80.0000	36
73	Aniline	93	3.703	3.703	(0.921)	2090060	80.0000	79
$ 17	Phenol-d5 (SUR)	99	3.697	3.697	(0.920)	1658971	80.0000	68
1	Phenol	94	3.709	3.709	(0.922)	1735295	80.0000	66
20	bis(2-Chloroethyl)ether	93	3.774	3.774	(0.939)	1647133	80.0000	70
2	2-Chlorophenol	128	3.827	3.827	(0.952)	1556817	80.0000	70
113	n-decane	43	3.874	3.874	(0.963)	1427996	80.0000	73
21	1,3-Dichlorobenzene	146	3.968	3.968	(0.987)	2054474	80.0000	79
* 79	1,4-Dichlorobenzene-d4	152	4.021	4.021	(1.000)	622035	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34592.d
Report Date: 26-Feb-2013 11:58

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22	1,4-Dichlorobenzene	146	4.039	4.039	(1.004)	2041540	80.0000	79
	74	Benzyl Alcohol	108	4.180	4.180	(1.039)	981675	80.0000	77
	23	1,2-Dichlorobenzene	146	4.192	4.192	(1.042)	1856882	80.0000	78
	24	bis (2-chloroisopropyl) ether	45	4.309	4.309	(1.072)	1518579	80.0000	72
	3	2-Methylphenol	108	4.303	4.303	(1.070)	1204433	80.0000	69
	104	Acetophenone	105	4.444	4.444	(1.105)	1843224	80.0000	73
	25	N-Nitroso-di-n-propylamine	70	4.456	4.456	(1.108)	979199	80.0000	77(MH)
	4	4-Methylphenol	108	4.468	4.468	(1.111)	1173701	80.0000	68
	123	3 & 4 Methylphenol	108	4.468	4.468	(1.111)	1173701	80.0000	68
	26	Hexachloroethane	117	4.527	4.527	(1.126)	757576	80.0000	79
$	76	Nitrobenzene-d5 (SUR)	82	4.591	4.591	(0.866)	1551235	80.0000	76(H)
	27	Nitrobenzene	77	4.615	4.615	(0.870)	2044217	80.0000	75
	107	N,N-Dimethylaniline	120	4.621	4.621	(1.149)	2239746	80.0000	78
	28	Isophorone	82	4.856	4.856	(0.916)	2433590	80.0000	78
	5	2-Nitrophenol	139	4.927	4.927	(0.929)	778189	80.0000	76
	6	2,4-Dimethylphenol	122	4.997	4.997	(0.942)	1160328	80.0000	71
	29	bis(2-Chloroethoxy)methane	93	5.080	5.080	(0.958)	1542874	80.0000	78
	15	Benzoic Acid	122	5.162	5.162	(0.973)	518074	80.0000	79
	7	2,4-Dichlorophenol	162	5.180	5.180	(0.977)	1059294	80.0000	71
	30	1,2,4-Trichlorobenzene	180	5.256	5.256	(0.991)	1440836	80.0000	80
*	80	Naphthalene-d8	136	5.303	5.303	(1.000)	2128032	40.0000	
	31	Naphthalene	128	5.327	5.327	(1.004)	4352404	80.0000	78
	32	4-Chloroaniline	127	5.391	5.391	(1.017)	1401764	80.0000	74
	33	Hexachlorobutadiene	225	5.462	5.462	(1.030)	880576	80.0000	81
	111	Caprolactam	113	5.797	5.797	(1.093)	240732	80.0000	70
	8	4-Chloro-3-methylphenol	107	5.903	5.903	(1.113)	965857	80.0000	72
	34	2-Methylnaphthalene	142	6.021	6.021	(1.135)	2659971	80.0000	77
	120	1-Methylnaphthalene	142	6.121	6.121	(1.154)	2564037	80.0000	74
	35	Hexachlorocyclopentadiene	237	6.191	6.191	(0.878)	779146	80.0000	94
	129	1,2,4,5-Tetrachlorobenzene	216	6.197	6.197	(0.879)	1218647	80.0000	79
	121	2-tert-Butyl-4-methylphenol	149	6.250	6.250	(1.179)	1701325	80.0000	75
	9	2,4,6-Trichlorophenol	196	6.315	6.315	(0.896)	659823	80.0000	73
	10	2,4,5-Trichlorophenol	196	6.356	6.356	(0.902)	651664	80.0000	75
$	77	2-Fluorobiphenyl (SUR)	172	6.397	6.397	(0.907)	2544721	80.0000	76
	102	Diphenyl	154	6.491	6.491	(0.921)	2805370	80.0000	78
	36	2-Chloronaphthalene	162	6.509	6.509	(0.923)	2225015	80.0000	79
	103	Diphenyl Ether	170	6.597	6.597	(0.936)	1594489	80.0000	80
	37	2-Nitroaniline	65	6.615	6.615	(0.938)	552036	80.0000	71
	125	1,3-Dimethylnaphthalene	156	6.727	6.727	(0.954)	1785842	80.0000	77
	38	Dimethylphthalate	163	6.809	6.809	(0.966)	1973271	80.0000	77
	114	Coumarin	146	6.821	6.821	(1.286)	610133	80.0000	71
	40	2,6-Dinitrotoluene	165	6.862	6.862	(0.973)	464898	80.0000	80
	39	Acenaphthylene	152	6.915	6.915	(0.981)	3260784	80.0000	78
	41	3-Nitroaniline	138	7.027	7.027	(0.997)	427134	80.0000	77
*	82	Acenaphthene-d10	164	7.050	7.050	(1.000)	904294	40.0000	
	42	Acenaphthene	154	7.085	7.085	(1.005)	1909243	80.0000	79
	122	2,6-Di-tert-butyl-p-cresol	205	7.091	7.091	(1.006)	1915141	80.0000	79

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34592.d
Report Date: 26-Feb-2013 11:58

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.127	7.127	(1.011)	167143	80.0000	96
	12 4-Nitrophenol	65	7.209	7.209	(1.023)	286548	80.0000	80
	43 Dibenzofuran	168	7.256	7.256	(1.029)	2720947	80.0000	78
	44 2,4-Dinitrotoluene	165	7.256	7.256	(1.029)	536326	80.0000	79
	130 2,3,4,6-Tetrachlorophenol	232	7.385	7.385	(1.048)	448478	80.0000	78
	45 Diethylphthalate	149	7.503	7.503	(1.064)	1858443	80.0000	78
	47 Fluorene	166	7.591	7.591	(1.077)	2158910	80.0000	79
	46 4-Chlorophenyl-phenylether	204	7.597	7.597	(1.078)	1045952	80.0000	80
	48 4-Nitroaniline	138	7.627	7.627	(1.082)	317742	80.0000	72
	13 4,6-Dinitro-2-methylphenol	198	7.656	7.656	(0.900)	235512	80.0000	92
	49 N-Nitrosodiphenylamine	169	7.721	7.721	(0.908)	1230143	80.0000	78
	75 1,2-Diphenylhydrazine	77	7.750	7.750	(0.911)	2273709	80.0000	84
$	18 2,4,6-Tribromophenol (SUR)	330	7.832	7.832	(1.111)	278218	80.0000	78
	50 4-Bromophenyl-phenylether	248	8.074	8.074	(0.950)	557927	80.0000	84
	51 Hexachlorobenzene	284	8.138	8.138	(0.957)	575237	80.0000	83
	112 Atrazine	200	8.250	8.250	(0.970)	397002	80.0000	80
	14 Pentachlorophenol	266	8.332	8.332	(0.980)	304092	80.0000	86
	132 Pentachloronitrobenzene	237	8.350	8.350	(0.982)	212545	80.0000	81
	115 n-Octadecane	57	8.427	8.427	(0.991)	1105774	80.0000	81
*	83 Phenanthrene-d10	188	8.503	8.503	(1.000)	999468	40.0000	
	52 Phenanthrene	178	8.527	8.527	(1.003)	2277638	80.0000	79
	53 Anthracene	178	8.579	8.579	(1.009)	2311083	80.0000	80
	54 Carbazole	167	8.738	8.738	(1.028)	1694668	80.0000	77
	55 Di-n-butylphthalate	149	9.097	9.097	(1.070)	2175498	80.0000	80
	56 Fluoranthene	202	9.691	9.691	(1.140)	1807131	80.0000	77
	58 Benzidine	184	9.826	9.826	(1.156)	39445	80.0000	16
	57 Pyrene	202	9.909	9.909	(0.885)	1736672	80.0000	79
$	78 Terphenyl-d14	244	10.068	10.068	(0.900)	1110120	80.0000	75
	59 Butylbenzylphthalate	149	10.579	10.579	(0.945)	643963	80.0000	84
	124 Carbamazepine	193	10.691	10.691	(0.955)	448210	80.0000	96
	60 3,3'-Dichlorobenzidine	252	11.162	11.162	(0.997)	268457	80.0000	72
	61 Benzo(a)anthracene	228	11.179	11.179	(0.999)	1176677	80.0000	77
*	81 Chrysene-d12	240	11.191	11.191	(1.000)	481437	40.0000	
	62 Chrysene	228	11.226	11.226	(1.003)	1098468	80.0000	82
	63 bis(2-Ethylhexyl)phthalate	149	11.244	11.244	(1.005)	840296	80.0000	86
	64 Di-n-octylphthalate	149	12.062	12.062	(0.927)	1232956	80.0000	86
	65 Benzo(b)fluoranthene	252	12.520	12.520	(0.962)	989150	80.0000	84
	66 Benzo(k)fluoranthene	252	12.556	12.556	(0.965)	991103	80.0000	80
	67 Benzo(a)pyrene	252	12.944	12.944	(0.995)	804464	80.0000	86
*	84 Perylene-d12	264	13.014	13.014	(1.000)	389456	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.426	14.426	(1.108)	850532	80.0000	93
	69 Dibenz(a,h)anthracene	278	14.461	14.461	(1.111)	856524	80.0000	96
	70 Benzo(g,h,i)perylene	276	14.803	14.803	(1.137)	868950	80.0000	91

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34592.d
Report Date: 26-Feb-2013 11:58

QC Flag Legend

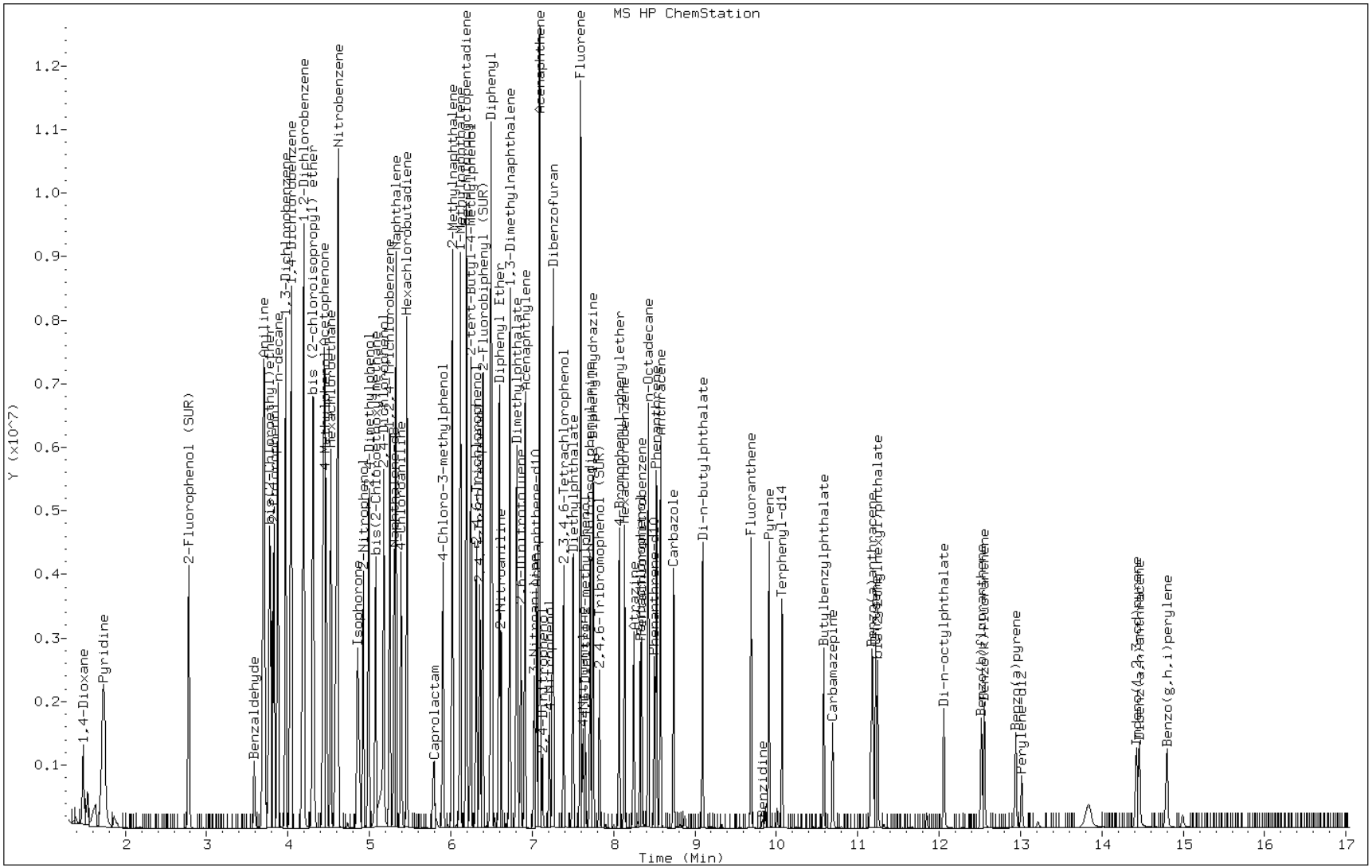
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: x34592.d

Date: 26-FEB-2013 10:29

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1995805 Operator: BNAMS 4



Manual Integration Report

Data File: x34592.d
Inj. Date and Time: 26-FEB-2013 10:29
Instrument ID: BNAMS5.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 02/27/2013

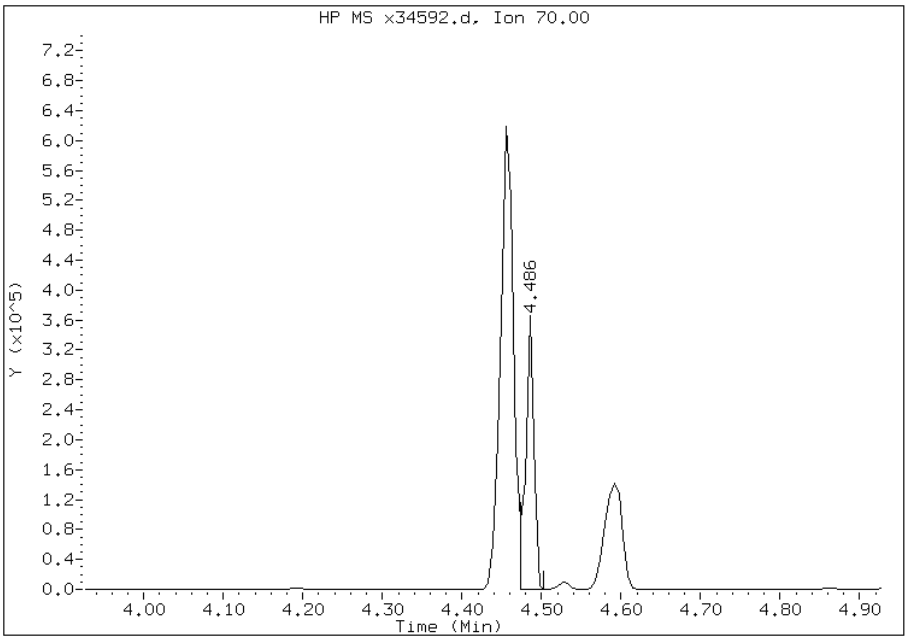
Processing Integration Results

RT: 4.49

Response: 265177

Amount: 30

Conc: 30



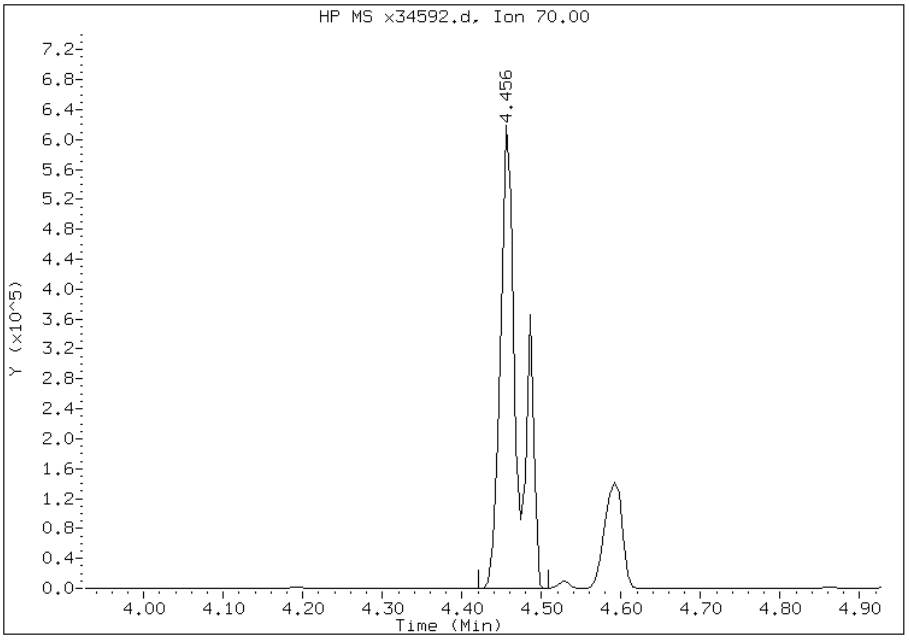
Manual Integration Results

RT: 4.46

Response: 979199

Amount: 77

Conc: 77



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34593.d
Report Date: 26-Feb-2013 11:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34593.d
Lab Smp Id: IC-1995806
Inj Date : 26-FEB-2013 10:53
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1995806
Misc Info : 20 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/8270C_11.m
Meth Date : 26-Feb-2013 11:59 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 10:53 Cal File: x34593.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.427	1.427	(0.355)	176357	20.0000	19
	19 N-Nitrosodimethylamine	74	1.639	1.639	(0.408)	261314	20.0000	20(H)
	71 Pyridine	79	1.662	1.662	(0.414)	471620	20.0000	20(H)
$	16 2-Fluorophenol (SUR)	112	2.739	2.739	(0.682)	487674	20.0000	21
	110 Benzaldehyde	77	3.568	3.568	(0.889)	220474	20.0000	25
	73 Aniline	93	3.680	3.680	(0.916)	645378	20.0000	23
$	17 Phenol-d5 (SUR)	99	3.662	3.662	(0.912)	572265	20.0000	22
	1 Phenol	94	3.674	3.674	(0.915)	616546	20.0000	22
	20 bis(2-Chloroethyl)ether	93	3.750	3.750	(0.934)	451324	20.0000	18
	2 2-Chlorophenol	128	3.803	3.803	(0.947)	517268	20.0000	22
	113 n-decane	43	3.862	3.862	(0.962)	435052	20.0000	21
	21 1,3-Dichlorobenzene	146	3.956	3.956	(0.985)	565607	20.0000	20
*	79 1,4-Dichlorobenzene-d4	152	4.015	4.015	(1.000)	671326	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34593.d
Report Date: 26-Feb-2013 11:59

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	4.027	4.027	(1.003)	567870	20.0000	20
	74 Benzyl Alcohol	108	4.156	4.156	(1.035)	291967	20.0000	21
	23 1,2-Dichlorobenzene	146	4.180	4.180	(1.041)	527705	20.0000	20
	24 bis (2-chloroisopropyl) ether	45	4.297	4.297	(1.070)	480218	20.0000	21
	3 2-Methylphenol	108	4.286	4.286	(1.067)	412484	20.0000	22
	104 Acetophenone	105	4.427	4.427	(1.103)	583441	20.0000	21
	25 N-Nitroso-di-n-propylamine	70	4.433	4.433	(1.104)	291032	20.0000	21
	4 4-Methylphenol	108	4.445	4.445	(1.107)	401557	20.0000	22
	123 3 & 4 Methylphenol	108	4.445	4.445	(1.107)	400617	20.0000	22
	26 Hexachloroethane	117	4.521	4.521	(1.126)	215181	20.0000	21
$	76 Nitrobenzene-d5 (SUR)	82	4.574	4.574	(0.863)	479796	20.0000	21
	27 Nitrobenzene	77	4.597	4.597	(0.868)	630765	20.0000	21
	107 N,N-Dimethylaniline	120	4.603	4.603	(1.146)	654767	20.0000	21
	28 Isophorone	82	4.839	4.839	(0.913)	720506	20.0000	21
	5 2-Nitrophenol	139	4.915	4.915	(0.928)	243415	20.0000	21
	6 2,4-Dimethylphenol	122	4.980	4.980	(0.940)	396893	20.0000	22
	29 bis(2-Chloroethoxy)methane	93	5.068	5.068	(0.957)	454263	20.0000	21
	15 Benzoic Acid	122	5.097	5.097	(0.962)	184113	20.0000	25
	7 2,4-Dichlorophenol	162	5.168	5.168	(0.976)	357175	20.0000	22
	30 1,2,4-Trichlorobenzene	180	5.244	5.244	(0.990)	403490	20.0000	20
*	80 Naphthalene-d8	136	5.297	5.297	(1.000)	2351687	40.0000	
	31 Naphthalene	128	5.321	5.321	(1.004)	1288375	20.0000	21
	32 4-Chloroaniline	127	5.380	5.380	(1.016)	454740	20.0000	22
	33 Hexachlorobutadiene	225	5.456	5.456	(1.030)	240212	20.0000	20
	111 Caprolactam	113	5.739	5.739	(1.083)	91212	20.0000	24(H)
	8 4-Chloro-3-methylphenol	107	5.891	5.891	(1.112)	327831	20.0000	22
	34 2-Methylnaphthalene	142	6.015	6.015	(1.135)	795311	20.0000	21
	120 1-Methylnaphthalene	142	6.109	6.109	(1.153)	808243	20.0000	21
	35 Hexachlorocyclopentadiene	237	6.186	6.186	(0.877)	177230	20.0000	18
	129 1,2,4,5-Tetrachlorobenzene	216	6.186	6.186	(0.877)	371892	20.0000	20
	121 2-tert-Butyl-4-methylphenol	149	6.239	6.239	(1.178)	546271	20.0000	22
	9 2,4,6-Trichlorophenol	196	6.309	6.309	(0.895)	227122	20.0000	21
	10 2,4,5-Trichlorophenol	196	6.344	6.344	(0.900)	231905	20.0000	22
$	77 2-Fluorobiphenyl (SUR)	172	6.386	6.386	(0.906)	824618	20.0000	20
	102 Diphenyl	154	6.486	6.486	(0.920)	938281	20.0000	21
	36 2-Chloronaphthalene	162	6.497	6.497	(0.922)	694342	20.0000	20
	103 Diphenyl Ether	170	6.591	6.591	(0.935)	482148	20.0000	20
	37 2-Nitroaniline	65	6.603	6.603	(0.937)	225693	20.0000	24
	125 1,3-Dimethylnaphthalene	156	6.715	6.715	(0.952)	570128	20.0000	20
	38 Dimethylphthalate	163	6.797	6.797	(0.964)	648638	20.0000	21
	114 Coumarin	146	6.803	6.803	(1.284)	211855	20.0000	22
	40 2,6-Dinitrotoluene	165	6.850	6.850	(0.972)	149137	20.0000	21
	39 Acenaphthylene	152	6.903	6.903	(0.979)	1038672	20.0000	20
	41 3-Nitroaniline	138	7.015	7.015	(0.995)	144590	20.0000	22
*	82 Acenaphthene-d10	164	7.050	7.050	(1.000)	1097670	40.0000	
	42 Acenaphthene	154	7.080	7.080	(1.004)	607235	20.0000	21
	122 2,6-Di-tert-butyl-p-cresol	205	7.086	7.086	(1.005)	594534	20.0000	20

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34593.d
Report Date: 26-Feb-2013 11:59

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.115	7.115	(1.009)	65317	30.0000	31
	12 4-Nitrophenol	65	7.197	7.197	(1.021)	135913	30.0000	31
	43 Dibenzofuran	168	7.250	7.250	(1.028)	870173	20.0000	20
	44 2,4-Dinitrotoluene	165	7.244	7.244	(1.028)	173678	20.0000	21
	130 2,3,4,6-Tetrachlorophenol	232	7.380	7.380	(1.047)	142944	20.0000	20
	45 Diethylphthalate	149	7.491	7.491	(1.063)	607117	20.0000	21
	47 Fluorene	166	7.586	7.586	(1.076)	694586	20.0000	21
	46 4-Chlorophenyl-phenylether	204	7.591	7.591	(1.077)	322739	20.0000	20
	48 4-Nitroaniline	138	7.609	7.609	(1.079)	123392	20.0000	23
	13 4,6-Dinitro-2-methylphenol	198	7.644	7.644	(0.899)	108146	30.0000	31
	49 N-Nitrosodiphenylamine	169	7.709	7.709	(0.907)	427203	20.0000	20
	75 1,2-Diphenylhydrazine	77	7.744	7.744	(0.911)	757895	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	7.821	7.821	(1.109)	92133	20.0000	21
	50 4-Bromophenyl-phenylether	248	8.068	8.068	(0.949)	178745	20.0000	20
	51 Hexachlorobenzene	284	8.133	8.133	(0.956)	187104	20.0000	20
	112 Atrazine	200	8.244	8.244	(0.970)	143363	20.0000	21
	14 Pentachlorophenol	266	8.327	8.327	(0.979)	147414	30.0000	31
	132 Pentachloronitrobenzene	237	8.344	8.344	(0.981)	71541	20.0000	20
	115 n-Octadecane	57	8.427	8.427	(0.991)	380029	20.0000	20
*	83 Phenanthrene-d10	188	8.503	8.503	(1.000)	1354751	40.0000	
	52 Phenanthrene	178	8.521	8.521	(1.002)	795354	20.0000	20
	53 Anthracene	178	8.574	8.574	(1.008)	805074	20.0000	21
	54 Carbazole	167	8.732	8.732	(1.027)	616533	20.0000	21
	55 Di-n-butylphthalate	149	9.091	9.091	(1.069)	767078	20.0000	21
	56 Fluoranthene	202	9.685	9.685	(1.139)	660670	20.0000	21
	58 Benzidine	184	9.821	9.821	(1.155)	147722	30.0000	44
	57 Pyrene	202	9.903	9.903	(0.885)	631528	20.0000	20
$	78 Terphenyl-d14	244	10.068	10.068	(0.900)	430955	20.0000	21
	59 Butylbenzylphthalate	149	10.579	10.579	(0.945)	222476	20.0000	21
	124 Carbamazepine	193	10.685	10.685	(0.955)	118489	20.0000	18
	60 3,3'-Dichlorobenzidine	252	11.162	11.162	(0.997)	172835	30.0000	33
	61 Benzo(a)anthracene	228	11.179	11.179	(0.999)	412230	20.0000	19
*	81 Chrysene-d12	240	11.191	11.191	(1.000)	671608	40.0000	
	62 Chrysene	228	11.221	11.221	(1.003)	383221	20.0000	20
	63 bis(2-Ethylhexyl)phthalate	149	11.244	11.244	(1.005)	280659	20.0000	21
	64 Di-n-octylphthalate	149	12.056	12.056	(0.926)	364491	20.0000	21
	65 Benzo(b)fluoranthene	252	12.515	12.515	(0.962)	297664	20.0000	21
	66 Benzo(k)fluoranthene	252	12.550	12.550	(0.964)	310405	20.0000	21
	67 Benzo(a)pyrene	252	12.938	12.938	(0.994)	229667	20.0000	20
*	84 Perylene-d12	264	13.015	13.015	(1.000)	469793	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.414	14.414	(1.108)	213602	20.0000	19
	69 Dibenz(a,h)anthracene	278	14.450	14.450	(1.110)	216753	20.0000	20
	70 Benzo(g,h,i)perylene	276	14.785	14.785	(1.136)	224847	20.0000	20

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34593.d
Report Date: 26-Feb-2013 11:59

QC Flag Legend

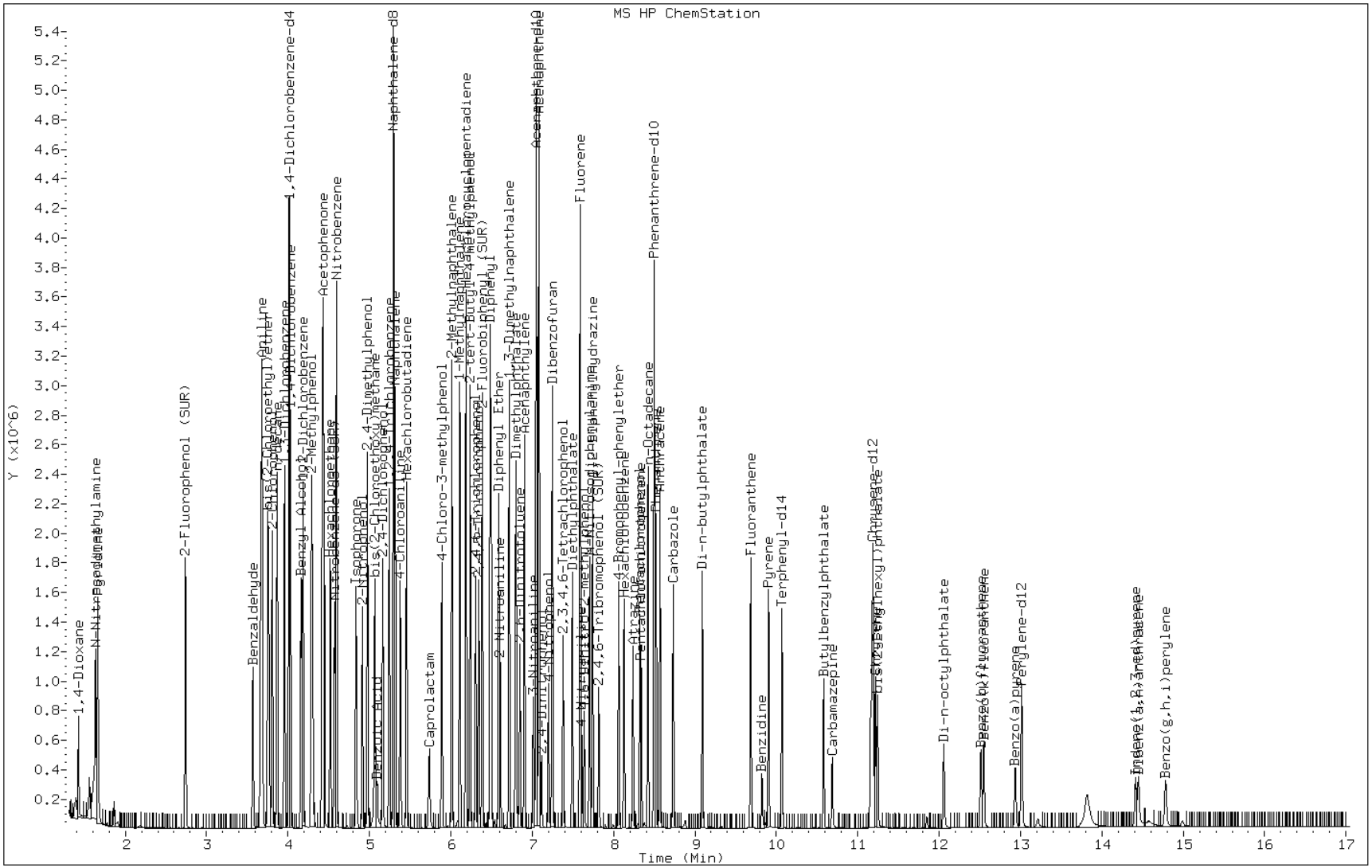
H - Operator selected an alternate compound hit.

Data File: x34593.d

Date: 26-FEB-2013 10:53

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1995806 Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34594.d
Report Date: 26-Feb-2013 11:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34594.d
Lab Smp Id: IC-1995807
Inj Date : 26-FEB-2013 11:16
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1995807
Misc Info : 10 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/8270C_11.m
Meth Date : 26-Feb-2013 11:59 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:16 Cal File: x34594.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.433	1.433	(0.357)	99443	10.0000	9.9
	19 N-Nitrosodimethylamine	74	1.639	1.639	(0.409)	142128	10.0000	9.9
	71 Pyridine	79	1.668	1.668	(0.416)	259431	10.0000	10
$	16 2-Fluorophenol (SUR)	112	2.745	2.745	(0.685)	267014	10.0000	11
	110 Benzaldehyde	77	3.568	3.568	(0.890)	149290	10.0000	16
	73 Aniline	93	3.680	3.680	(0.918)	363651	10.0000	12
$	17 Phenol-d5 (SUR)	99	3.656	3.656	(0.912)	314629	10.0000	11
	1 Phenol	94	3.668	3.668	(0.915)	344719	10.0000	11
	20 bis(2-Chloroethyl)ether	93	3.745	3.745	(0.934)	253278	10.0000	9.1
	2 2-Chlorophenol	128	3.803	3.803	(0.949)	284588	10.0000	11
	113 n-decane	43	3.862	3.862	(0.963)	249148	10.0000	11
	21 1,3-Dichlorobenzene	146	3.956	3.956	(0.987)	315715	10.0000	10
*	79 1,4-Dichlorobenzene-d4	152	4.009	4.009	(1.000)	737812	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34594.d
Report Date: 26-Feb-2013 11:59

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	22 1,4-Dichlorobenzene	146	4.027	4.027	(1.004)	315886	10.0000	10
	74 Benzyl Alcohol	108	4.156	4.156	(1.037)	158583	10.0000	10
	23 1,2-Dichlorobenzene	146	4.180	4.180	(1.043)	295821	10.0000	10
	24 bis (2-chloroisopropyl) ether	45	4.297	4.297	(1.072)	276205	10.0000	11
	3 2-Methylphenol	108	4.280	4.280	(1.067)	225024	10.0000	11
	104 Acetophenone	105	4.421	4.421	(1.103)	326506	10.0000	11
	25 N-Nitroso-di-n-propylamine	70	4.427	4.427	(1.104)	159696	10.0000	11
	4 4-Methylphenol	108	4.439	4.439	(1.107)	223506	10.0000	11
	123 3 & 4 Methylphenol	108	4.439	4.439	(1.107)	222954	10.0000	11
	26 Hexachloroethane	117	4.521	4.521	(1.128)	117060	10.0000	10
$	76 Nitrobenzene-d5 (SUR)	82	4.574	4.574	(0.863)	252278	10.0000	10
	27 Nitrobenzene	77	4.592	4.592	(0.867)	348527	10.0000	10
	107 N,N-Dimethylaniline	120	4.597	4.597	(1.147)	366429	10.0000	11
	28 Isophorone	82	4.833	4.833	(0.912)	382855	10.0000	10
	5 2-Nitrophenol	139	4.915	4.915	(0.928)	126421	10.0000	10
	6 2,4-Dimethylphenol	122	4.974	4.974	(0.939)	211206	10.0000	10
	29 bis(2-Chloroethoxy)methane	93	5.062	5.062	(0.956)	246754	10.0000	10
	15 Benzoic Acid	122	5.068	5.068	(0.957)	71598	10.0000	9.0
	7 2,4-Dichlorophenol	162	5.162	5.162	(0.974)	188249	10.0000	10
	30 1,2,4-Trichlorobenzene	180	5.244	5.244	(0.990)	222333	10.0000	10
*	80 Naphthalene-d8	136	5.297	5.297	(1.000)	2593512	40.0000	
	31 Naphthalene	128	5.315	5.315	(1.003)	705787	10.0000	10
	32 4-Chloroaniline	127	5.380	5.380	(1.016)	243862	10.0000	10
	33 Hexachlorobutadiene	225	5.456	5.456	(1.030)	130046	10.0000	9.9
	111 Caprolactam	113	5.715	5.715	(1.079)	42193	10.0000	10
	8 4-Chloro-3-methylphenol	107	5.886	5.886	(1.111)	164865	10.0000	10
	34 2-Methylnaphthalene	142	6.015	6.015	(1.135)	431087	10.0000	10
	120 1-Methylnaphthalene	142	6.109	6.109	(1.153)	428572	10.0000	10
	35 Hexachlorocyclopentadiene	237	6.186	6.186	(0.877)	87168	10.0000	8.4
	129 1,2,4,5-Tetrachlorobenzene	216	6.186	6.186	(0.877)	191940	10.0000	9.9
	121 2-tert-Butyl-4-methylphenol	149	6.238	6.238	(1.178)	289345	10.0000	10
	9 2,4,6-Trichlorophenol	196	6.303	6.303	(0.894)	111830	10.0000	9.9
	10 2,4,5-Trichlorophenol	196	6.344	6.344	(0.900)	110875	10.0000	10
$	77 2-Fluorobiphenyl (SUR)	172	6.386	6.386	(0.906)	426472	10.0000	10
	102 Diphenyl	154	6.480	6.480	(0.919)	489003	10.0000	11
	36 2-Chloronaphthalene	162	6.497	6.497	(0.922)	365308	10.0000	10
	103 Diphenyl Ether	170	6.585	6.585	(0.934)	257811	10.0000	10
	37 2-Nitroaniline	65	6.603	6.603	(0.937)	112404	10.0000	12
	125 1,3-Dimethylnaphthalene	156	6.715	6.715	(0.952)	299306	10.0000	10
	38 Dimethylphthalate	163	6.791	6.791	(0.963)	319562	10.0000	10
	114 Coumarin	146	6.803	6.803	(1.284)	102269	10.0000	9.7
	40 2,6-Dinitrotoluene	165	6.844	6.844	(0.971)	71344	10.0000	9.8
	39 Acenaphthylene	152	6.903	6.903	(0.979)	535847	10.0000	10
	41 3-Nitroaniline	138	7.009	7.009	(0.994)	69871	10.0000	10
*	82 Acenaphthene-d10	164	7.050	7.050	(1.000)	1131850	40.0000	
	42 Acenaphthene	154	7.080	7.080	(1.004)	316921	10.0000	10
	122 2,6-Di-tert-butyl-p-cresol	205	7.085	7.085	(1.005)	306360	10.0000	10

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34594.d
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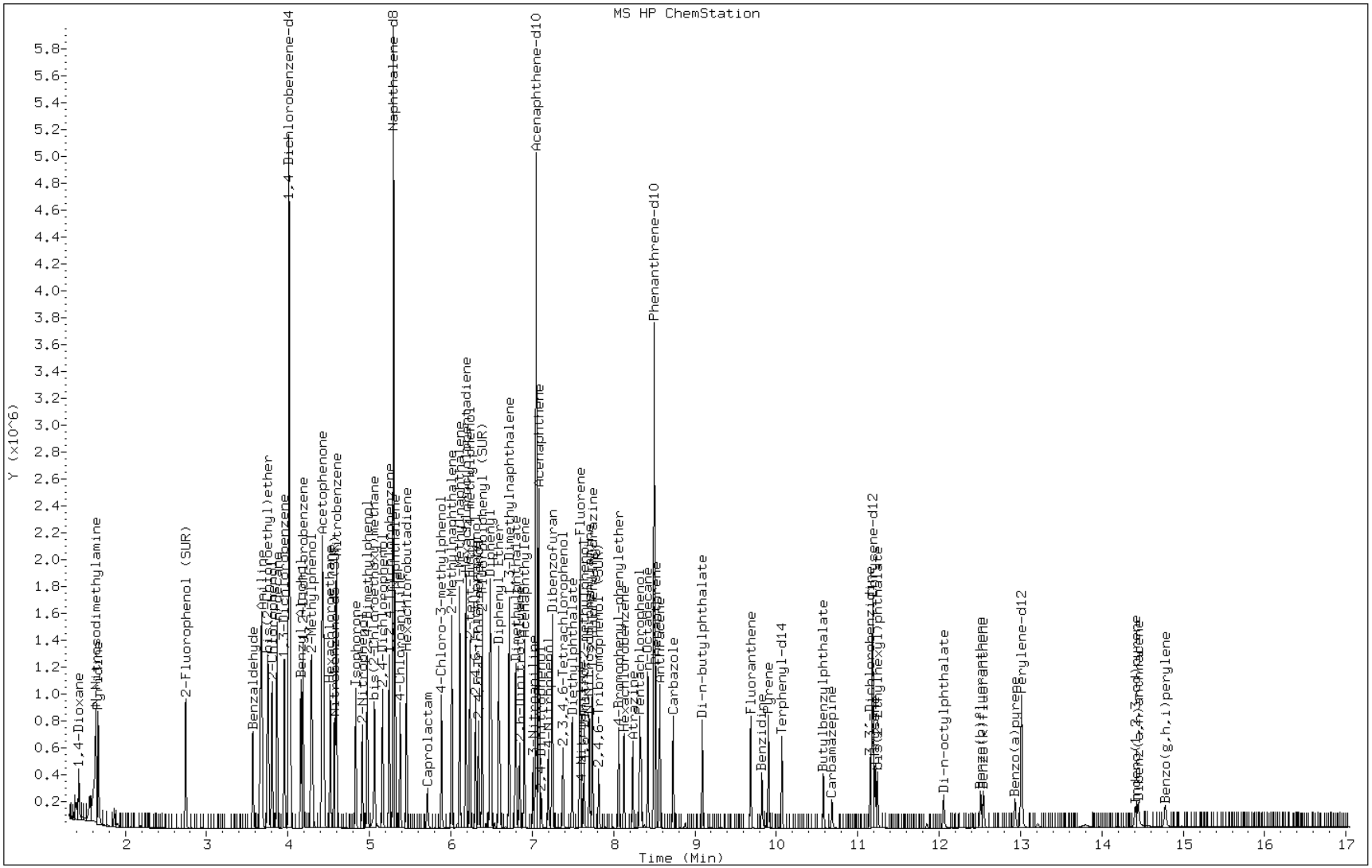
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11	2,4-Dinitrophenol	184	7.109	7.109	(1.008)	34578	20.0000	16
	12	4-Nitrophenol	65	7.197	7.197	(1.021)	82502	20.0000	18
	43	Dibenzofuran	168	7.244	7.244	(1.028)	445393	10.0000	10
	44	2,4-Dinitrotoluene	165	7.238	7.238	(1.027)	83580	10.0000	9.8
	130	2,3,4,6-Tetrachlorophenol	232	7.380	7.380	(1.047)	70719	10.0000	9.8
	45	Diethylphthalate	149	7.491	7.491	(1.063)	292663	10.0000	9.8
	47	Fluorene	166	7.585	7.585	(1.076)	351876	10.0000	10
	46	4-Chlorophenyl-phenylether	204	7.591	7.591	(1.077)	163819	10.0000	10
	48	4-Nitroaniline	138	7.609	7.609	(1.079)	58548	10.0000	10
	13	4,6-Dinitro-2-methylphenol	198	7.638	7.638	(0.898)	61727	20.0000	18
	49	N-Nitrosodiphenylamine	169	7.709	7.709	(0.907)	215087	10.0000	10
	75	1,2-Diphenylhydrazine	77	7.744	7.744	(0.911)	381946	10.0000	10
$	18	2,4,6-Tribromophenol (SUR)	330	7.821	7.821	(1.109)	43355	10.0000	9.7
	50	4-Bromophenyl-phenylether	248	8.068	8.068	(0.949)	86513	10.0000	9.8
	51	Hexachlorobenzene	284	8.132	8.132	(0.956)	89546	10.0000	9.7
	112	Atrazine	200	8.238	8.238	(0.969)	65360	10.0000	9.8
	14	Pentachlorophenol	266	8.327	8.327	(0.979)	87460	20.0000	18
	132	Pentachloronitrobenzene	237	8.338	8.338	(0.981)	34332	10.0000	9.8
	115	n-Octadecane	57	8.421	8.421	(0.990)	187308	10.0000	10
*	83	Phenanthrene-d10	188	8.503	8.503	(1.000)	1335946	40.0000	
	52	Phenanthrene	178	8.521	8.521	(1.002)	385515	10.0000	10
	53	Anthracene	178	8.568	8.568	(1.008)	389851	10.0000	10
	54	Carbazole	167	8.732	8.732	(1.027)	296868	10.0000	10
	55	Di-n-butylphthalate	149	9.091	9.091	(1.069)	347963	10.0000	9.6
	56	Fluoranthene	202	9.685	9.685	(1.139)	306815	10.0000	9.8
	58	Benzidine	184	9.821	9.821	(1.155)	150423	20.0000	46
	57	Pyrene	202	9.903	9.903	(0.885)	300086	10.0000	9.9
$	78	Terphenyl-d14	244	10.068	10.068	(0.900)	192597	10.0000	9.4
	59	Butylbenzylphthalate	149	10.579	10.579	(0.945)	95572	10.0000	9.0
	124	Carbamazepine	193	10.679	10.679	(0.954)	56844	10.0000	8.8
	60	3,3'-Dichlorobenzidine	252	11.156	11.156	(0.997)	119710	20.0000	23
	61	Benzo(a)anthracene	228	11.173	11.173	(0.998)	197368	10.0000	9.4
*	81	Chrysene-d12	240	11.191	11.191	(1.000)	663899	40.0000	
	62	Chrysene	228	11.215	11.215	(1.002)	183082	10.0000	9.8
	63	bis(2-Ethylhexyl)phthalate	149	11.244	11.244	(1.005)	118930	10.0000	8.8
	64	Di-n-octylphthalate	149	12.056	12.056	(0.926)	155895	10.0000	8.7
	65	Benzo(b)fluoranthene	252	12.509	12.509	(0.961)	137153	10.0000	9.4
	66	Benzo(k)fluoranthene	252	12.544	12.544	(0.964)	152476	10.0000	9.9
	67	Benzo(a)pyrene	252	12.932	12.932	(0.994)	110993	10.0000	9.5
*	84	Perylene-d12	264	13.014	13.014	(1.000)	487184	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.414	14.414	(1.108)	107934	10.0000	9.5
	69	Dibenz(a,h)anthracene	278	14.450	14.450	(1.110)	107879	10.0000	9.7
	70	Benzo(g,h,i)perylene	276	14.779	14.779	(1.136)	113035	10.0000	9.5

Data File: x34594.d

Date: 26-FEB-2013 11:16

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1995807 Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34595.d
Report Date: 26-Feb-2013 11:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34595.d
Lab Smp Id: IC-1995842
Inj Date : 26-FEB-2013 11:40
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : IC-1995842
Misc Info : 5 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/8270C_11.m
Meth Date : 26-Feb-2013 11:59 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.439	1.439	(0.359)	47372	5.00000	5.0
	19 N-Nitrosodimethylamine	74	1.645	1.645	(0.410)	66759	5.00000	4.9(a)
	71 Pyridine	79	1.680	1.680	(0.419)	126119	5.00000	5.2
$	16 2-Fluorophenol (SUR)	112	2.745	2.745	(0.685)	124251	5.00000	5.2
	110 Benzaldehyde	77	3.562	3.562	(0.888)	85091	5.00000	9.5
	73 Aniline	93	3.680	3.680	(0.918)	174213	5.00000	5.9
$	17 Phenol-d5 (SUR)	99	3.651	3.651	(0.910)	149275	5.00000	5.5
	1 Phenol	94	3.668	3.668	(0.915)	164905	5.00000	5.6
	20 bis(2-Chloroethyl)ether	93	3.745	3.745	(0.934)	13145	0.50000	0.50
	2 2-Chlorophenol	128	3.798	3.798	(0.947)	131880	5.00000	5.3
	113 n-decane	43	3.862	3.862	(0.963)	119766	5.00000	5.5
	21 1,3-Dichlorobenzene	146	3.951	3.951	(0.985)	148135	5.00000	5.1
*	79 1,4-Dichlorobenzene-d4	152	4.009	4.009	(1.000)	695544	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34595.d
Report Date: 26-Feb-2013 11:59

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.027	4.027	(1.004)	150599	5.00000	5.2
	74 Benzyl Alcohol	108	4.151	4.151	(1.035)	71982	5.00000	5.0
	23 1,2-Dichlorobenzene	146	4.180	4.180	(1.043)	139393	5.00000	5.2
	24 bis (2-chloroisopropyl) ether	45	4.292	4.292	(1.070)	131507	5.00000	5.6
	3 2-Methylphenol	108	4.280	4.280	(1.067)	108133	5.00000	5.5
	104 Acetophenone	105	4.415	4.415	(1.101)	150877	5.00000	5.4
	25 N-Nitroso-di-n-propylamine	70	4.427	4.427	(1.104)	7662	0.50000	0.54
	4 4-Methylphenol	108	4.433	4.433	(1.106)	107690	5.00000	5.6
	123 3 & 4 Methylphenol	108	4.433	4.433	(1.106)	108664	5.00000	5.6
	26 Hexachloroethane	117	4.521	4.521	(1.128)	5522	0.50000	0.52
$	76 Nitrobenzene-d5 (SUR)	82	4.568	4.568	(0.862)	116662	5.00000	5.0
	27 Nitrobenzene	77	4.592	4.592	(0.867)	17562	0.50000	0.56
	107 N,N-Dimethylaniline	120	4.598	4.598	(1.147)	16265	0.50000	0.50
	28 Isophorone	82	4.833	4.833	(0.912)	185914	5.00000	5.2
	5 2-Nitrophenol	139	4.915	4.915	(0.928)	56447	5.00000	4.8(a)
	6 2,4-Dimethylphenol	122	4.974	4.974	(0.939)	102155	5.00000	5.4
	29 bis(2-Chloroethoxy)methane	93	5.062	5.062	(0.956)	118883	5.00000	5.2
	15 Benzoic Acid	122	5.045	5.045	(0.952)	24308	5.00000	3.2(aH)
	7 2,4-Dichlorophenol	162	5.162	5.162	(0.974)	90795	5.00000	5.3
	30 1,2,4-Trichlorobenzene	180	5.245	5.245	(0.990)	10556	0.50000	0.51
*	80 Naphthalene-d8	136	5.297	5.297	(1.000)	2450109	40.0000	
	31 Naphthalene	128	5.315	5.315	(1.003)	338869	5.00000	5.2
	32 4-Chloroaniline	127	5.380	5.380	(1.016)	118321	5.00000	5.4
	33 Hexachlorobutadiene	225	5.456	5.456	(1.030)	12697	1.00000	1.0
	111 Caprolactam	113	5.703	5.703	(1.077)	20508	5.00000	5.2
	8 4-Chloro-3-methylphenol	107	5.886	5.886	(1.111)	80766	5.00000	5.2
	34 2-Methylnaphthalene	142	6.009	6.009	(1.134)	202894	5.00000	5.1
	120 1-Methylnaphthalene	142	6.109	6.109	(1.153)	211793	5.00000	5.3(a)
	35 Hexachlorocyclopentadiene	237	6.180	6.180	(0.877)	42172	5.00000	4.1(a)
	129 1,2,4,5-Tetrachlorobenzene	216	6.186	6.186	(0.878)	95366	5.00000	5.0
	121 2-tert-Butyl-4-methylphenol	149	6.233	6.233	(1.177)	141542	5.00000	5.4
	9 2,4,6-Trichlorophenol	196	6.303	6.303	(0.895)	54482	5.00000	4.9(a)
	10 2,4,5-Trichlorophenol	196	6.339	6.339	(0.900)	53469	5.00000	5.0
$	77 2-Fluorobiphenyl (SUR)	172	6.386	6.386	(0.906)	209720	5.00000	5.1
	102 Diphenyl	154	6.480	6.480	(0.920)	236019	5.00000	5.2
	36 2-Chloronaphthalene	162	6.492	6.492	(0.922)	178940	5.00000	5.1
	103 Diphenyl Ether	170	6.586	6.586	(0.935)	126062	5.00000	5.1
	37 2-Nitroaniline	65	6.603	6.603	(0.937)	101447	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.715	6.715	(0.953)	149562	5.00000	5.2
	38 Dimethylphthalate	163	6.792	6.792	(0.964)	165527	5.00000	5.2
	114 Coumarin	146	6.797	6.797	(1.283)	53709	5.00000	5.4
	40 2,6-Dinitrotoluene	165	6.844	6.844	(0.972)	6632	1.00000	0.92(a)
	39 Acenaphthylene	152	6.903	6.903	(0.980)	274042	5.00000	5.3
	41 3-Nitroaniline	138	7.009	7.009	(0.995)	72234	10.0000	10
*	82 Acenaphthene-d10	164	7.044	7.044	(1.000)	1124326	40.0000	
	42 Acenaphthene	154	7.074	7.074	(1.004)	157832	5.00000	5.2
	122 2,6-Di-tert-butyl-p-cresol	205	7.080	7.080	(1.005)	146397	5.00000	4.9(a)

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34595.d
Report Date: 26-Feb-2013 11:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.109	7.109	(1.009)	20941	15.0000	9.6(a)
	12 4-Nitrophenol	65	7.191	7.191	(1.021)	63397	15.0000	14(a)
	43 Dibenzofuran	168	7.244	7.244	(1.028)	225267	5.00000	5.2
	44 2,4-Dinitrotoluene	165	7.239	7.239	(1.028)	8138	1.00000	0.96(a)
	130 2,3,4,6-Tetrachlorophenol	232	7.374	7.374	(1.047)	35651	5.00000	5.0
	45 Diethylphthalate	149	7.486	7.486	(1.063)	151448	5.00000	5.1
	47 Fluorene	166	7.580	7.580	(1.076)	177000	5.00000	5.2
	46 4-Chlorophenyl-phenylether	204	7.586	7.586	(1.077)	84360	5.00000	5.2
	48 4-Nitroaniline	138	7.603	7.603	(1.079)	58107	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.638	7.638	(0.899)	43794	15.0000	12(a)
	49 N-Nitrosodiphenylamine	169	7.703	7.703	(0.907)	118360	5.00000	5.3
	75 1,2-Diphenylhydrazine	77	7.739	7.739	(0.911)	163301	5.00000	4.2(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.821	7.821	(1.110)	21114	5.00000	4.8(a)
	50 4-Bromophenyl-phenylether	248	8.068	8.068	(0.949)	44956	5.00000	4.8(a)
	51 Hexachlorobenzene	284	8.127	8.127	(0.956)	4912	0.50000	0.50
	112 Atrazine	200	8.238	8.238	(0.970)	35046	5.00000	5.0
	14 Pentachlorophenol	266	8.327	8.327	(0.980)	65997	15.0000	13(a)
	132 Pentachloronitrobenzene	237	8.338	8.338	(0.981)	19714	5.00000	5.3
	115 n-Octadecane	57	8.421	8.421	(0.991)	94259	5.00000	4.8(a)
*	83 Phenanthrene-d10	188	8.497	8.497	(1.000)	1424706	40.0000	
	52 Phenanthrene	178	8.521	8.521	(1.003)	209825	5.00000	5.1
	53 Anthracene	178	8.568	8.568	(1.008)	204570	5.00000	5.0
	54 Carbazole	167	8.733	8.733	(1.028)	163811	5.00000	5.2
	55 Di-n-butylphthalate	149	9.091	9.091	(1.070)	186979	5.00000	4.8(a)
	56 Fluoranthene	202	9.685	9.685	(1.140)	173935	5.00000	5.2
	58 Benzidine	184	9.821	9.821	(1.156)	27555	5.00000	7.9
	57 Pyrene	202	9.903	9.903	(0.885)	170545	5.00000	5.0
$	78 Terphenyl-d14	244	10.068	10.068	(0.900)	111980	5.00000	4.9(a)
	59 Butylbenzylphthalate	149	10.574	10.574	(0.945)	53265	5.00000	4.4(a)
	124 Carbamazepine	193	10.679	10.679	(0.954)	25368	5.00000	3.5(a)
	60 3,3'-Dichlorobenzidine	252	11.156	11.156	(0.997)	65086	10.0000	11
	61 Benzo(a)anthracene	228	11.179	11.179	(0.999)	14218	0.50000	0.60
*	81 Chrysene-d12	240	11.191	11.191	(1.000)	747777	40.0000	
	62 Chrysene	228	11.215	11.215	(1.002)	103446	5.00000	4.9(a)
	63 bis(2-Ethylhexyl)phthalate	149	11.244	11.244	(1.005)	65071	5.00000	4.3(a)
	64 Di-n-octylphthalate	149	12.056	12.056	(0.926)	75934	5.00000	4.0(a)
	65 Benzo(b)fluoranthene	252	12.509	12.509	(0.961)	7038	0.50000	0.45(a)
	66 Benzo(k)fluoranthene	252	12.544	12.544	(0.964)	7991	0.50000	0.48(a)
	67 Benzo(a)pyrene	252	12.932	12.932	(0.994)	5579	0.50000	0.44(a)
*	84 Perylene-d12	264	13.015	13.015	(1.000)	522483	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.415	14.415	(1.108)	4644	0.50000	0.38(a)
	69 Dibenz(a,h)anthracene	278	14.450	14.450	(1.110)	3864	0.50000	0.32(a)
	70 Benzo(g,h,i)perylene	276	14.779	14.779	(1.136)	54302	5.00000	4.2(a)

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34595.d
Report Date: 26-Feb-2013 11:59

QC Flag Legend

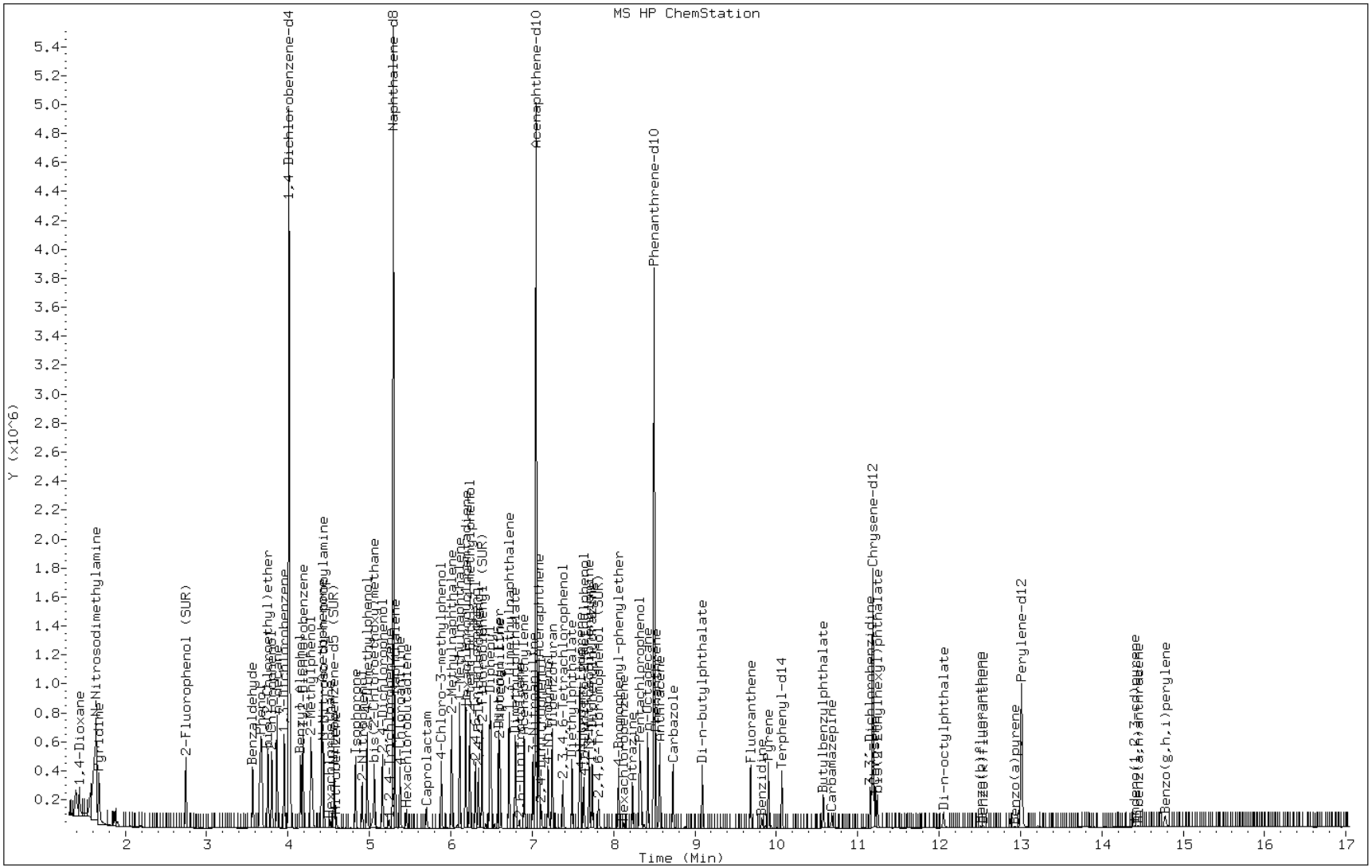
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x34595.d

Date: 26-FEB-2013 11:40

Client ID: Instrument: BNAMS5.i

Sample Info: IC-1995842 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149265/2 Calibration Date: 03/01/2013 03:53

Instrument ID: BNAMS11 Calib Start Date: 02/18/2013 13:49

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/18/2013 16:07

Lab File ID: z19187.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6299	0.5555		44100	50000	-11.8	20.0
N-Nitrosodimethylamine	Ave	0.8794	0.8128		46200	50000	-7.6	20.0
Pyridine	Ave	1.560	1.426		45700	50000	-8.6	20.0
Benzaldehyde	Ave	0.5029	0.5677		56400	50000	12.9	20.0
Aniline	Ave	2.090	1.874		44800	50000	-10.3	20.0
Phenol	Ave	1.793	1.816		50600	50000	1.3	20.0
Bis(2-chloroethyl)ether	QuaF	1.457	1.446		49900	50000	-0.1	20.0
2-Chlorophenol	Ave	1.515	1.479		48800	50000	-2.3	20.0
Decane	Ave	1.537	1.453		47300	50000	-5.5	20.0
1,3-Dichlorobenzene	Ave	1.663	1.585		47600	50000	-4.7	20.0
1,4-Dichlorobenzene	Ave	1.660	1.623		48900	50000	-2.2	20.0
Benzyl alcohol	Ave	0.9074	0.8062		44400	50000	-11.2	20.0
1,2-Dichlorobenzene	Ave	1.543	1.482		48000	50000	-3.9	20.0
2-Methylphenol	Ave	1.236	1.235		49900	50000	-0.1	20.0
bis (2-chloroisopropyl) ether	Ave	1.852	1.640		44300	50000	-11.4	20.0
Acetophenone	Ave	1.761	1.840		52300	50000	4.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.8878	0.8479	0.0500	47800	50000	-4.5	20.0
3 & 4 Methylphenol	Ave	1.327	1.269		47800	50000	-4.4	20.0
4-Methylphenol	Ave	1.328	1.274		47900	50000	-4.1	20.0
Hexachloroethane	Ave	0.6484	0.6350		49000	50000	-2.1	20.0
n,n'-Dimethylaniline	Ave	2.061	2.087		50600	50000	1.3	20.0
Nitrobenzene	Ave	0.5227	0.5312		50800	50000	1.6	20.0
Isophorone	Ave	0.6312	0.6132		48600	50000	-2.8	20.0
2-Nitrophenol	Ave	0.2050	0.1998		48700	50000	-2.5	20.0
2,4-Dimethylphenol	Ave	0.3270	0.3079		47100	50000	-5.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4021	0.3851		47900	50000	-4.2	20.0
Benzoic acid	LinF	0.1741	0.2045		55300	50000	10.5	20.0
2,4-Dichlorophenol	Ave	0.2732	0.2702		49500	50000	-1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3212	0.3082		48000	50000	-4.0	20.0
Naphthalene	Ave	1.103	1.090		49400	50000	-1.2	20.0
4-Chloroaniline	Ave	0.4007	0.3773		47100	50000	-5.9	20.0
Hexachlorobutadiene	Ave	0.1805	0.1781		49300	50000	-1.4	20.0
Caprolactam	Ave	0.0833	0.0833		50000	50000	0.0	20.0
4-Chloro-3-methylphenol	Ave	0.2808	0.2837		50500	50000	1.0	20.0
2-Methylnaphthalene	Ave	0.6448	0.6400		49600	50000	-0.7	20.0
1-Methylnaphthalene	Ave	0.6523	0.6680		51200	50000	2.4	20.0
Hexachlorocyclopentadiene	Ave	0.3546	0.3250	0.0500	45800	50000	-8.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6156	0.6017		48900	50000	-2.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4455	0.4503		50500	50000	1.1	20.0
2,4,6-Trichlorophenol	Ave	0.3941	0.3636		46100	50000	-7.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149265/2 Calibration Date: 03/01/2013 03:53

Instrument ID: BNAMS11 Calib Start Date: 02/18/2013 13:49

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/18/2013 16:07

Lab File ID: z19187.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3952	0.3847		48700	50000	-2.7	20.0
Diphenyl	Ave	1.592	1.560		49000	50000	-2.0	20.0
2-Chloronaphthalene	Ave	1.232	1.165		47300	50000	-5.4	20.0
Diphenyl ether	Ave	0.8576	0.8125		47400	50000	-5.3	20.0
2-Nitroaniline	Ave	0.3908	0.3532		45200	50000	-9.6	20.0
Dimethylnaphthalene, total	Ave	1.025	1.006		49000	50000	-1.9	20.0
Dimethyl phthalate	Ave	1.215	1.160		47700	50000	-4.5	20.0
Coumarin	Ave	0.1807	0.1800		49800	50000	-0.4	20.0
2,6-Dinitrotoluene	Ave	0.2827	0.2746		48600	50000	-2.9	20.0
Acenaphthylene	Ave	1.856	1.751		47200	50000	-5.6	20.0
3-Nitroaniline	Ave	0.2790	0.2427		43500	50000	-13.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.083	1.050		48500	50000	-3.1	20.0
Acenaphthene	Ave	1.140	1.074		47100	50000	-5.8	20.0
2,4-Dinitrophenol	QuaF	0.1269	0.1379	0.0500	50600	50000	1.2	20.0
4-Nitrophenol	Ave	0.1950	0.1845	0.0500	47300	50000	-5.4	20.0
2,4-Dinitrotoluene	Ave	0.3330	0.3266		49000	50000	-1.9	20.0
Dibenzofuran	Ave	1.557	1.481		47500	50000	-4.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2506	0.2457		49000	50000	-1.9	20.0
Diethyl phthalate	Ave	1.123	1.099		48900	50000	-2.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.5737	0.5563		48500	50000	-3.0	20.0
Fluorene	Ave	1.208	1.197		49500	50000	-1.0	20.0
4-Nitroaniline	Ave	0.2445	0.1891		38700	50000	-22.7*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1389	0.1388		50000	50000	-0.0	20.0
N-Nitrosodiphenylamine	Ave	0.6412	0.5969		46500	50000	-6.9	20.0
1,2-Diphenylhydrazine	Ave	1.132	1.103		48700	50000	-2.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2419	0.2356		48700	50000	-2.6	20.0
Hexachlorobenzene	Ave	0.2616	0.2546		48700	50000	-2.6	20.0
Atrazine	Ave	0.2057	0.1914		46500	50000	-6.9	20.0
Pentachlorophenol	Ave	0.1375	0.1381		50200	50000	0.4	20.0
Pentachloronitrobenzene	Ave	0.0997	0.0987		49500	50000	-1.0	
n-Octadecane	Ave	0.6429	0.6372		49600	50000	-0.9	20.0
Phenanthrene	Ave	1.128	1.088		48200	50000	-3.5	20.0
Anthracene	Ave	1.138	1.104		48500	50000	-3.0	20.0
Carbazole	Ave	0.8898	0.8320		46700	50000	-6.5	20.0
Di-n-butyl phthalate	Ave	1.120	1.139		50900	50000	1.7	20.0
Fluoranthene	Ave	0.8875	0.8672		48900	50000	-2.3	20.0
Benzidine	Ave	0.1454	0.0277		9530	50000	-80.9*	20.0
Pyrene	Ave	2.150	1.922		44700	50000	-10.6	20.0
Butyl benzyl phthalate	Ave	0.7591	0.7471		49200	50000	-1.6	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1599	0.2055		643	500	28.5*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149265/2 Calibration Date: 03/01/2013 03:53

Instrument ID: BNAMS11 Calib Start Date: 02/18/2013 13:49

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/18/2013 16:07

Lab File ID: z19187.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	LinF	0.4331	0.3933		36900	50000	-26.1*	20.0
3,3'-Dichlorobenzidine	Ave	0.3170	0.3032		47800	50000	-4.4	20.0
Benzo[a]anthracene	Ave	1.258	1.162		46200	50000	-7.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9541	0.9615		50400	50000	0.8	20.0
Chrysene	Ave	1.193	1.118		46800	50000	-6.3	20.0
Di-n-octyl phthalate	LinF	1.671	1.984		51100	50000	2.1	20.0
Benzo[b]fluoranthene	Ave	1.152	1.257		54600	50000	9.1	20.0
Benzo[k]fluoranthene	Ave	1.308	1.297		49600	50000	-0.9	20.0
Benzo[a]pyrene	Ave	0.9393	1.000		53200	50000	6.5	20.0
Indeno[1,2,3-cd]pyrene	LinF	0.8068	0.8881		45100	50000	-9.8	20.0
Dibenz(a,h)anthracene	LinF	0.8285	0.8786		45300	50000	-9.4	20.0
Benzo[g,h,i]perylene	Ave	0.8688	0.8522		49000	50000	-1.9	20.0
2-Fluorophenol	Ave	1.479	1.395		47200	50000	-5.6	20.0
Phenol-d5	Ave	1.694	1.621		47800	50000	-4.3	20.0
Nitrobenzene-d5	Ave	0.3937	0.4018		51000	50000	2.1	20.0
2-Fluorobiphenyl	Ave	1.417	1.393		49200	50000	-1.7	20.0
2,4,6-Tribromophenol	Ave	0.1588	0.1589		50000	50000	0.0	20.0
Terphenyl-d14	Ave	1.372	1.275		46500	50000	-7.0	20.0

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19187.d
Report Date: 01-Mar-2013 04:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19187.d
Lab Smp Id: CCVIS-1995803
Inj Date : 01-MAR-2013 03:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-1995803
Misc Info : 50 bna4737
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.608	1.608	(0.378)	163016	50.0000	44
	19 N-Nitrosodimethylamine	74	1.844	1.844	(0.433)	238538	50.0000	46
	71 Pyridine	79	1.867	1.867	(0.439)	418489	50.0000	46
$	16 2-Fluorophenol (SUR)	112	2.979	2.979	(0.700)	409447	50.0000	47
	110 Benzaldehyde	77	3.808	3.808	(0.895)	166603	50.0000	56
$	17 Phenol-d5 (SUR)	99	3.914	3.914	(0.920)	475827	50.0000	48
	1 Phenol	94	3.926	3.926	(0.923)	533095	50.0000	51
	73 Aniline	93	3.926	3.926	(0.923)	550109	50.0000	45
	20 bis(2-Chloroethyl)ether	93	3.991	3.991	(0.938)	424395	50.0000	50
	2 2-Chlorophenol	128	4.055	4.055	(0.953)	434140	50.0000	49
	113 n-decane	43	4.097	4.097	(0.963)	426422	50.0000	47
	21 1,3-Dichlorobenzene	146	4.202	4.202	(0.988)	465122	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	4.255	4.255	(1.000)	234787	40.0000	

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19187.d
Report Date: 01-Mar-2013 04:08

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	22 1,4-Dichlorobenzene	146	4.273	4.273	(1.004)	476264	50.0000	49
	74 Benzyl Alcohol	108	4.402	4.402	(1.035)	236591	50.0000	44
	23 1,2-Dichlorobenzene	146	4.426	4.426	(1.040)	435062	50.0000	48
	3 2-Methylphenol	108	4.526	4.526	(1.064)	362374	50.0000	50
	24 bis (2-chloroisopropyl) ether	45	4.532	4.532	(1.065)	481217	50.0000	44
	4 4-Methylphenol	108	4.685	4.685	(1.101)	373829	50.0000	48
	123 3 & 4 Methylphenol	108	4.685	4.685	(1.101)	372545	50.0000	48
	104 Acetophenone	105	4.673	4.673	(1.098)	540083	50.0000	52
	25 N-Nitroso-di-n-propylamine	70	4.679	4.679	(1.100)	248843	50.0000	48
	26 Hexachloroethane	117	4.761	4.761	(1.119)	186375	50.0000	49
$	76 Nitrobenzene-d5 (SUR)	82	4.820	4.820	(0.870)	430955	50.0000	51
	27 Nitrobenzene	77	4.844	4.844	(0.875)	569697	50.0000	51
	107 N,N-Dimethylaniline	120	4.844	4.844	(1.138)	612587	50.0000	51
	28 Isophorone	82	5.085	5.085	(0.918)	657693	50.0000	48
	5 2-Nitrophenol	139	5.155	5.155	(0.931)	214317	50.0000	49
	6 2,4-Dimethylphenol	122	5.220	5.220	(0.943)	330171	50.0000	47
	29 bis(2-Chloroethoxy)methane	93	5.296	5.296	(0.956)	413009	50.0000	48
	15 Benzoic Acid	122	5.385	5.385	(0.972)	219312	50.0000	55
	7 2,4-Dichlorophenol	162	5.408	5.408	(0.977)	289833	50.0000	49
	30 1,2,4-Trichlorobenzene	180	5.485	5.485	(0.990)	330586	50.0000	48
*	80 Naphthalene-d8	136	5.538	5.538	(1.000)	858008	40.0000	
	31 Naphthalene	128	5.561	5.561	(1.004)	1168699	50.0000	49
	32 4-Chloroaniline	127	5.620	5.620	(1.015)	404647	50.0000	47
	33 Hexachlorobutadiene	225	5.691	5.691	(1.028)	190958	50.0000	49
	111 Caprolactam	113	6.020	6.020	(1.087)	89362	50.0000	50
	8 4-Chloro-3-methylphenol	107	6.132	6.132	(1.107)	304229	50.0000	50
	34 2-Methylnaphthalene	142	6.255	6.255	(1.130)	686405	50.0000	50
	120 1-Methylnaphthalene	142	6.355	6.355	(1.148)	716410	50.0000	51
	35 Hexachlorocyclopentadiene	237	6.420	6.420	(0.880)	165755	50.0000	46
	129 1,2,4,5-Tetrachlorobenzene	216	6.432	6.432	(0.881)	306872	50.0000	49
	121 2-tert-Butyl-4-methylphenol	149	6.473	6.473	(1.169)	482909	50.0000	50
	9 2,4,6-Trichlorophenol	196	6.549	6.549	(0.898)	185429	50.0000	46
	10 2,4,5-Trichlorophenol	196	6.596	6.596	(0.904)	196174	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.626	6.626	(0.908)	710563	50.0000	49
	102 Diphenyl	154	6.726	6.726	(0.922)	795640	50.0000	49
	36 2-Chloronaphthalene	162	6.743	6.743	(0.924)	594071	50.0000	47
	103 Diphenyl Ether	170	6.826	6.826	(0.936)	414377	50.0000	47
	37 2-Nitroaniline	65	6.855	6.855	(0.940)	180140	50.0000	45
	125 1,3-Dimethylnaphthalene	156	6.961	6.961	(0.954)	512820	50.0000	49
	38 Dimethylphthalate	163	7.032	7.032	(0.964)	591465	50.0000	48
	114 Coumarin	146	7.055	7.055	(1.274)	193073	50.0000	50
	40 2,6-Dinitrotoluene	165	7.090	7.090	(0.972)	140047	50.0000	48
	39 Acenaphthylene	152	7.155	7.155	(0.981)	893102	50.0000	47
	41 3-Nitroaniline	138	7.261	7.261	(0.995)	123780	50.0000	43
*	82 Acenaphthene-d10	164	7.296	7.296	(1.000)	407984	40.0000	
	122 2,6-Di-tert-butyl-p-cresol	205	7.320	7.320	(1.003)	535537	50.0000	48
	42 Acenaphthene	154	7.326	7.326	(1.004)	547775	50.0000	47

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19187.d
Report Date: 01-Mar-2013 04:08

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.361	7.361	(1.009)	70349	50.0000	50
	12 4-Nitrophenol	65	7.443	7.443	(1.020)	94114	50.0000	47
	44 2,4-Dinitrotoluene	165	7.490	7.490	(1.027)	166562	50.0000	49
	43 Dibenzofuran	168	7.496	7.496	(1.027)	755248	50.0000	48
	130 2,3,4,6-Tetrachlorophenol	232	7.626	7.626	(1.045)	125316	50.0000	49
	45 Diethylphthalate	149	7.726	7.726	(1.059)	560431	50.0000	49
	46 4-Chlorophenyl-phenylether	204	7.832	7.832	(1.073)	283716	50.0000	48
	47 Fluorene	166	7.832	7.832	(1.073)	610225	50.0000	50
	48 4-Nitroaniline	138	7.867	7.867	(1.078)	96444	50.0000	39
	13 4,6-Dinitro-2-methylphenol	198	7.896	7.896	(0.902)	87544	50.0000	50
	49 N-Nitrosodiphenylamine	169	7.955	7.955	(0.909)	376403	50.0000	46
	75 1,2-Diphenylhydrazine	77	7.990	7.990	(0.913)	695677	50.0000	49
$	18 2,4,6-Tribromophenol (SUR)	330	8.073	8.073	(1.106)	81054	50.0000	50
	50 4-Bromophenyl-phenylether	248	8.314	8.314	(0.950)	148580	50.0000	49
	51 Hexachlorobenzene	284	8.384	8.384	(0.958)	160572	50.0000	49
	112 Atrazine	200	8.485	8.485	(0.969)	120692	50.0000	46
	14 Pentachlorophenol	266	8.579	8.579	(0.980)	87112	50.0000	50
	132 Pentachloronitrobenzene	237	8.596	8.596	(0.982)	62206	50.0000	49
	115 n-Octadecane	57	8.649	8.649	(0.988)	401795	50.0000	50
*	83 Phenanthrene-d10	188	8.755	8.755	(1.000)	504470	40.0000	
	52 Phenanthrene	178	8.779	8.779	(1.003)	686193	50.0000	48
	53 Anthracene	178	8.832	8.832	(1.009)	696436	50.0000	48
	54 Carbazole	167	8.990	8.990	(1.027)	524645	50.0000	47
	55 Di-n-butylphthalate	149	9.326	9.326	(1.065)	718375	50.0000	51
	56 Fluoranthene	202	9.949	9.949	(1.136)	546855	50.0000	49
	58 Benzidine	184	10.084	10.084	(1.152)	17469	50.0000	9.5
	57 Pyrene	202	10.167	10.167	(0.883)	529282	50.0000	45
$	78 Terphenyl-d14	244	10.326	10.326	(0.897)	351206	50.0000	46
	59 Butylbenzylphthalate	149	10.843	10.843	(0.942)	205737	50.0000	49
	109 2,3,7,8-TCDD (Screen)	320	10.955	10.955	(0.952)	566	0.50000	0.64
	124 Carbamazepine	193	10.973	10.973	(0.953)	108298	50.0000	37
	60 3,3'-Dichlorobenzidine	252	11.467	11.467	(0.996)	83488	50.0000	48
	61 Benzo(a)anthracene	228	11.496	11.496	(0.999)	320117	50.0000	46
*	81 Chrysene-d12	240	11.508	11.508	(1.000)	220300	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.531	11.531	(1.002)	264770	50.0000	50
	62 Chrysene	228	11.537	11.537	(1.003)	307857	50.0000	47
	64 Di-n-octylphthalate	149	12.378	12.378	(0.923)	369791	50.0000	51
	65 Benzo(b)fluoranthene	252	12.890	12.890	(0.961)	234362	50.0000	54
	66 Benzo(k)fluoranthene	252	12.925	12.925	(0.964)	241688	50.0000	50
	67 Benzo(a)pyrene	252	13.331	13.331	(0.994)	186424	50.0000	53
*	84 Perylene-d12	264	13.408	13.408	(1.000)	149115	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.908	14.908	(1.112)	165544	50.0000	45
	69 Dibenz(a,h)anthracene	278	14.937	14.937	(1.114)	163763	50.0000	45
	70 Benzo(g,h,i)perylene	276	15.319	15.319	(1.143)	158835	50.0000	49

Data File: z19187.d

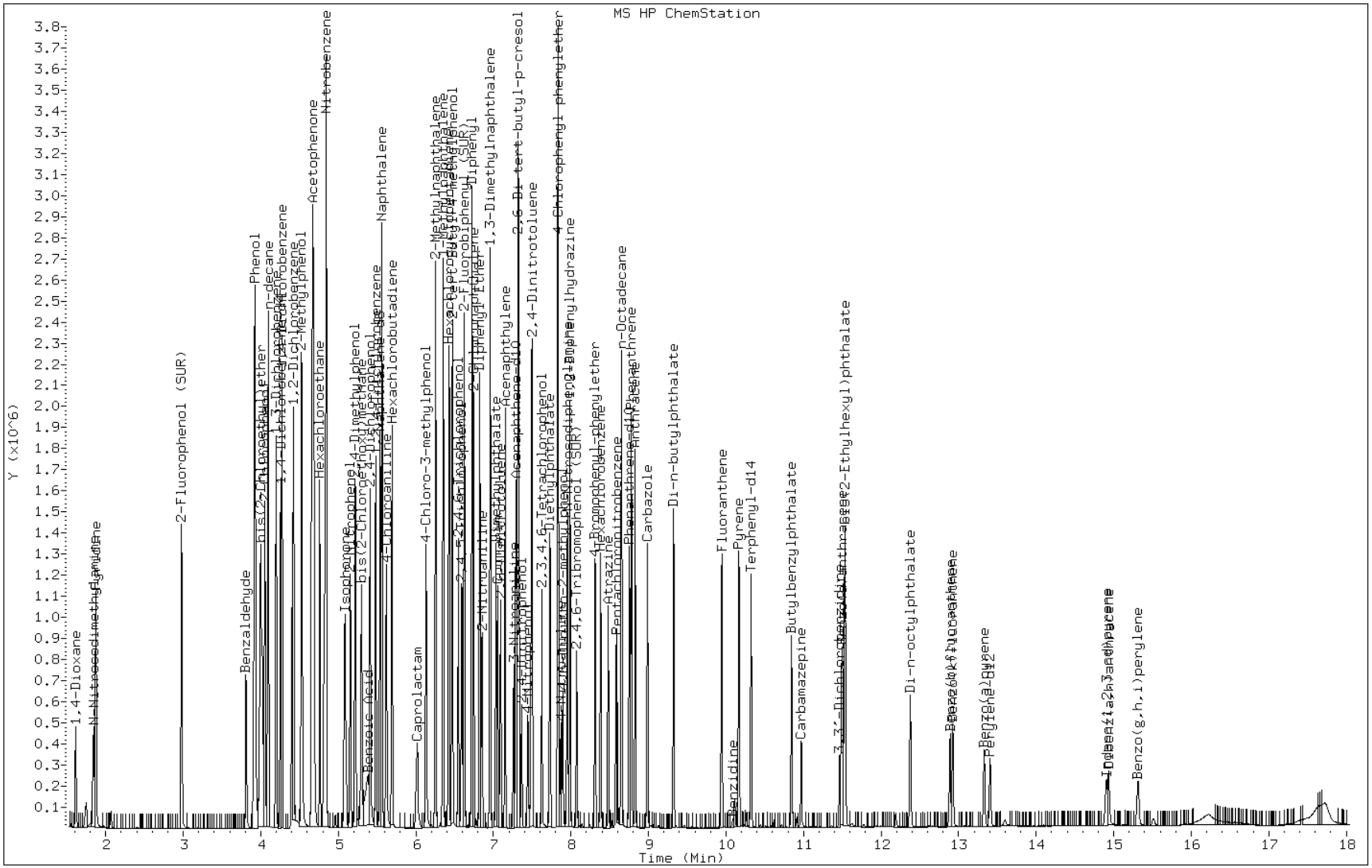
Date: 01-MAR-2013 03:53

Client ID:

Instrument: BNAMS11.i

Sample Info: CCVIS-1995803

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149088/2 Calibration Date: 02/28/2013 01:11

Instrument ID: BNAMS5 Calib Start Date: 02/26/2013 09:42

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2013 11:40

Lab File ID: x34675.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5437	0.5074		46700	50000	-6.7	20.0
N-Nitrosodimethylamine	Ave	0.7795	0.7214		46300	50000	-7.4	20.0
Pyridine	Ave	1.396	1.262		45200	50000	-9.6	20.0
Benzaldehyde	Ave	0.5165	0.3645		35300	50000	-29.4*	20.0
Aniline	Ave	1.859	1.615		43400	50000	-13.1	20.0
Phenol	Ave	1.686	1.411		41800	50000	-16.3	20.0
Bis(2-chloroethyl)ether	QuaF	1.510	1.190		48300	50000	-3.4	20.0
2-Chlorophenol	Ave	1.418	1.296		45700	50000	-8.6	20.0
Decane	Ave	1.252	1.126		44900	50000	-10.1	20.0
1,3-Dichlorobenzene	Ave	1.665	1.581		47500	50000	-5.1	20.0
1,4-Dichlorobenzene	Ave	1.669	1.565		46900	50000	-6.2	20.0
Benzyl alcohol	Ave	0.8210	0.6101		37200	50000	-25.7*	20.0
1,2-Dichlorobenzene	Ave	1.533	1.439		46900	50000	-6.1	20.0
2-Methylphenol	Ave	1.126	0.997		44300	50000	-11.5	20.0
bis (2-chloroisopropyl) ether	Ave	1.353	1.130		41800	50000	-16.5	20.0
Acetophenone	Ave	1.621	1.440		44400	50000	-11.1	20.0
N-Nitrosodi-n-propylamine	Ave	0.8164	0.6823	0.0500	41800	50000	-16.4	20.0
3 & 4 Methylphenol	Ave	1.107	0.8780		39700	50000	-20.7*	20.0
4-Methylphenol	Ave	1.106	0.8780		39700	50000	-20.6*	20.0
Hexachloroethane	Ave	0.6163	0.5831		47300	50000	-5.4	20.0
n,n'-Dimethylaniline	Ave	1.851	1.696		45800	50000	-8.4	20.0
Nitrobenzene	Ave	0.5101	0.4709		46200	50000	-7.7	20.0
Isophorone	Ave	0.5871	0.5330		45400	50000	-9.2	20.0
2-Nitrophenol	Ave	0.1937	0.1964		50700	50000	1.4	20.0
2,4-Dimethylphenol	Ave	0.3088	0.2699		43700	50000	-12.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3725	0.3461		46500	50000	-7.1	20.0
Benzoic acid	QuaF	0.1230	0.1225		53400	50000	6.9	20.0
2,4-Dichlorophenol	Ave	0.2789	0.2616		46900	50000	-6.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3380	0.3229		47800	50000	-4.4	20.0
Naphthalene	Ave	1.054	0.9949		47200	50000	-5.6	20.0
4-Chloroaniline	Ave	0.3577	0.3327		46500	50000	-7.0	20.0
Hexachlorobutadiene	Ave	0.2033	0.2007		49400	50000	-1.3	20.0
Caprolactam	Ave	0.0642	0.0651		50700	50000	1.4	20.0
4-Chloro-3-methylphenol	Ave	0.2522	0.2334		46300	50000	-7.5	20.0
2-Methylnaphthalene	Ave	0.6457	0.6028		46700	50000	-6.7	20.0
1-Methylnaphthalene	Ave	0.6501	0.6126		47100	50000	-5.8	20.0
Hexachlorocyclopentadiene	LinF	0.3668	0.4243	0.0500	49100	50000	-1.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6835	0.6844		50100	50000	0.1	20.0
2-tertbutyl-4-methylphenol	Ave	0.4243	0.4015		47300	50000	-5.4	20.0
2,4,6-Trichlorophenol	Ave	0.3977	0.3839		48300	50000	-3.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149088/2 Calibration Date: 02/28/2013 01:11

Instrument ID: BNAMS5 Calib Start Date: 02/26/2013 09:42

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2013 11:40

Lab File ID: x34675.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3832	0.3852		50300	50000	0.5	20.0
Diphenyl	Ave	1.599	1.604		50200	50000	0.4	20.0
2-Chloronaphthalene	Ave	1.240	1.203		48500	50000	-3.0	20.0
Diphenyl ether	Ave	0.8790	0.8548		48600	50000	-2.8	20.0
2-Nitroaniline	QuaF	0.3428	0.3065		46200	50000	-7.7	20.0
Dimethylnaphthalene, total	Ave	1.028	1.013		49300	50000	-1.5	20.0
Dimethyl phthalate	Ave	1.128	1.082		47900	50000	-4.2	20.0
Coumarin	Ave	0.1621	0.1534		47300	50000	-5.4	20.0
2,6-Dinitrotoluene	Ave	0.2563	0.2575		50200	50000	0.5	20.0
Acenaphthylene	Ave	1.846	1.761		47700	50000	-4.6	20.0
3-Nitroaniline	Ave	0.2438	0.2353		48300	50000	-3.5	20.0
Acenaphthene	Ave	1.072	1.045		48800	50000	-2.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.070	1.134		53000	50000	5.9	20.0
2,4-Dinitrophenol	QuaF	0.0773	0.1028	0.0500	63100	50000	26.1*	20.0
4-Nitrophenol	Ave	0.1576	0.1479	0.0500	46900	50000	-6.1	20.0
2,4-Dinitrotoluene	Ave	0.3003	0.3027		50400	50000	0.8	20.0
Dibenzofuran	Ave	1.541	1.473		47800	50000	-4.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2538	0.2478		48800	50000	-2.4	20.0
Diethyl phthalate	Ave	1.056	1.045		49500	50000	-1.1	20.0
Fluorene	Ave	1.214	1.188		48900	50000	-2.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.5778	0.5604		48500	50000	-3.0	20.0
4-Nitroaniline	Ave	0.1961	0.1997		50900	50000	1.8	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1021	0.1177		57600	50000	15.3	20.0
N-Nitrosodiphenylamine	Ave	0.6273	0.5824		46400	50000	-7.2	20.0
1,2-Diphenylhydrazine	Ave	1.088	1.010		46400	50000	-7.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2655	0.2575		48500	50000	-3.0	20.0
Hexachlorobenzene	Ave	0.2765	0.2610		47200	50000	-5.6	20.0
Atrazine	Ave	0.1987	0.1992		50100	50000	0.2	20.0
Pentachlorophenol	Ave	0.1419	0.1370		48300	50000	-3.4	20.0
Pentachloronitrobenzene	Ave	0.1052	0.1015		48200	50000	-3.5	
n-Octadecane	Ave	0.5465	0.5107		46700	50000	-6.5	20.0
Phenanthrene	Ave	1.147	1.100		48000	50000	-4.1	20.0
Anthracene	Ave	1.153	1.118		48500	50000	-3.0	20.0
Carbazole	Ave	0.8756	0.8577		49000	50000	-2.1	20.0
Di-n-butyl phthalate	Ave	1.082	1.114		51500	50000	2.9	20.0
Fluoranthene	Ave	0.9358	0.9505		50800	50000	1.6	20.0
Benzidine	Ave	0.0984	0.0534		27100	50000	-45.8*	20.0
Pyrene	Ave	1.833	1.639		44700	50000	-10.6	20.0
Butyl benzyl phthalate	Ave	0.6406	0.6417		50100	50000	0.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1621	0.1658		511	500	2.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149088/2 Calibration Date: 02/28/2013 01:11

Instrument ID: BNAMS5 Calib Start Date: 02/26/2013 09:42

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2013 11:40

Lab File ID: x34675.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	LinF	0.3881	0.4099		44900	50000	-10.1	20.0
3,3'-Dichlorobenzidine	Ave	0.3117	0.3124		50100	50000	0.2	20.0
Benzo[a]anthracene	Ave	1.267	1.163		45900	50000	-8.2	20.0
Chrysene	Ave	1.119	1.120		50000	50000	0.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8100	0.8240		50900	50000	1.7	20.0
Di-n-octyl phthalate	Ave	1.471	1.471		50000	50000	-0.0	20.0
Benzo[b]fluoranthene	Ave	1.201	1.148		47800	50000	-4.5	20.0
Benzo[k]fluoranthene	Ave	1.269	1.248		49200	50000	-1.7	20.0
Benzo[a]pyrene	Ave	0.9622	0.9610		49900	50000	-0.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9348	0.9069		48500	50000	-3.0	20.0
Dibenz(a,h)anthracene	LinF	0.9163	0.9241		44000	50000	-11.9	20.0
Benzo[g,h,i]perylene	Ave	0.9778	0.9391		48000	50000	-4.0	20.0
2-Fluorophenol	Ave	1.359	1.237		45500	50000	-9.0	20.0
Phenol-d5	Ave	1.556	1.323		42500	50000	-14.9	20.0
Nitrobenzene-d5	Ave	0.3827	0.3795		49600	50000	-0.8	20.0
2-Fluorobiphenyl	Ave	1.473	1.479		50200	50000	0.4	20.0
2,4,6-Tribromophenol	Ave	0.1576	0.1658		52600	50000	5.2	20.0
Terphenyl-d14	Ave	1.228	1.169		47600	50000	-4.8	20.0

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34675.d
Report Date: 28-Feb-2013 01:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34675.d
Lab Smp Id: CCVIS-1995803
Inj Date : 28-FEB-2013 01:11
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : CCVIS-1995803
Misc Info : 50 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/8270C_11.m
Meth Date : 28-Feb-2013 01:27 asfawa Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.415	1.415	(0.355)	403979	50.0000	47
19	N-Nitrosodimethylamine	74	1.633	1.633	(0.410)	574391	50.0000	46
71	Pyridine	79	1.656	1.656	(0.416)	1005085	50.0000	45
$ 16	2-Fluorophenol (SUR)	112	2.727	2.727	(0.684)	984892	50.0000	46
110	Benzaldehyde	77	3.539	3.539	(0.888)	290234	50.0000	35
73	Aniline	93	3.662	3.662	(0.919)	1285769	50.0000	43
$ 17	Phenol-d5 (SUR)	99	3.656	3.656	(0.917)	1053672	50.0000	42
1	Phenol	94	3.668	3.668	(0.920)	1123341	50.0000	42
20	bis(2-Chloroethyl)ether	93	3.733	3.733	(0.937)	947359	50.0000	48
2	2-Chlorophenol	128	3.786	3.786	(0.950)	1032142	50.0000	46
113	n-decane	43	3.844	3.844	(0.965)	896320	50.0000	45
21	1,3-Dichlorobenzene	146	3.933	3.933	(0.987)	1258822	50.0000	47
* 79	1,4-Dichlorobenzene-d4	152	3.986	3.986	(1.000)	636940	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34675.d
Report Date: 28-Feb-2013 01:27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	4.003	4.003	(1.004)	1246034	50.0000	47
	74 Benzyl Alcohol	108	4.144	4.144	(1.040)	485774	50.0000	37
	23 1,2-Dichlorobenzene	146	4.156	4.156	(1.043)	1145877	50.0000	47
	24 bis (2-chloroisopropyl) ether	45	4.274	4.274	(1.072)	899411	50.0000	42
	3 2-Methylphenol	108	4.274	4.274	(1.072)	793748	50.0000	44
	104 Acetophenone	105	4.409	4.409	(1.106)	1146861	50.0000	44
	25 N-Nitroso-di-n-propylamine	70	4.421	4.421	(1.109)	543194	50.0000	42
	4 4-Methylphenol	108	4.433	4.433	(1.112)	699060	50.0000	40
	123 3 & 4 Methylphenol	108	4.433	4.433	(1.112)	699060	50.0000	40
	26 Hexachloroethane	117	4.497	4.497	(1.128)	464274	50.0000	47
$	76 Nitrobenzene-d5 (SUR)	82	4.556	4.556	(0.864)	1003088	50.0000	50
	27 Nitrobenzene	77	4.580	4.580	(0.868)	1244598	50.0000	46
	107 N,N-Dimethylaniline	120	4.580	4.580	(1.149)	1350323	50.0000	46
	28 Isophorone	82	4.821	4.821	(0.914)	1408663	50.0000	45
	5 2-Nitrophenol	139	4.897	4.897	(0.929)	519115	50.0000	51
	6 2,4-Dimethylphenol	122	4.962	4.962	(0.941)	713322	50.0000	44
	29 bis(2-Chloroethoxy)methane	93	5.050	5.050	(0.958)	914849	50.0000	46
	15 Benzoic Acid	122	5.121	5.121	(0.971)	323725	50.0000	53
	7 2,4-Dichlorophenol	162	5.150	5.150	(0.977)	691494	50.0000	47
	30 1,2,4-Trichlorobenzene	180	5.221	5.221	(0.990)	853547	50.0000	48
*	80 Naphthalene-d8	136	5.274	5.274	(1.000)	2114483	40.0000	
	31 Naphthalene	128	5.297	5.297	(1.004)	2629491	50.0000	47
	32 4-Chloroaniline	127	5.362	5.362	(1.017)	879385	50.0000	46
	33 Hexachlorobutadiene	225	5.433	5.433	(1.030)	530390	50.0000	49
	111 Caprolactam	113	5.744	5.744	(1.089)	171943	50.0000	51
	8 4-Chloro-3-methylphenol	107	5.880	5.880	(1.115)	616871	50.0000	46
	34 2-Methylnaphthalene	142	5.991	5.991	(1.136)	1593188	50.0000	47
	120 1-Methylnaphthalene	142	6.091	6.091	(1.155)	1619217	50.0000	47
	35 Hexachlorocyclopentadiene	237	6.162	6.162	(0.877)	476936	50.0000	49
	129 1,2,4,5-Tetrachlorobenzene	216	6.168	6.168	(0.878)	769242	50.0000	50
	121 2-tert-Butyl-4-methylphenol	149	6.221	6.221	(1.180)	1061079	50.0000	47
	9 2,4,6-Trichlorophenol	196	6.285	6.285	(0.895)	431505	50.0000	48
	10 2,4,5-Trichlorophenol	196	6.327	6.327	(0.900)	432923	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	6.368	6.368	(0.906)	1662246	50.0000	50
	102 Diphenyl	154	6.462	6.462	(0.920)	1803328	50.0000	50
	36 2-Chloronaphthalene	162	6.474	6.474	(0.921)	1352754	50.0000	48
	103 Diphenyl Ether	170	6.568	6.568	(0.935)	960826	50.0000	49
	37 2-Nitroaniline	65	6.585	6.585	(0.937)	344551	50.0000	46
	125 1,3-Dimethylnaphthalene	156	6.697	6.697	(0.953)	1138898	50.0000	49
	38 Dimethylphthalate	163	6.780	6.780	(0.965)	1215757	50.0000	48
	114 Coumarin	146	6.785	6.785	(1.287)	405362	50.0000	47
	40 2,6-Dinitrotoluene	165	6.832	6.832	(0.972)	289471	50.0000	50
	39 Acenaphthylene	152	6.885	6.885	(0.980)	1979598	50.0000	48
	41 3-Nitroaniline	138	6.997	6.997	(0.996)	264505	50.0000	48
*	82 Acenaphthene-d10	164	7.027	7.027	(1.000)	899241	40.0000	
	42 Acenaphthene	154	7.056	7.056	(1.004)	1174572	50.0000	49
	122 2,6-Di-tert-butyl-p-cresol	205	7.062	7.062	(1.005)	1274622	50.0000	53

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34675.d
Report Date: 28-Feb-2013 01:27

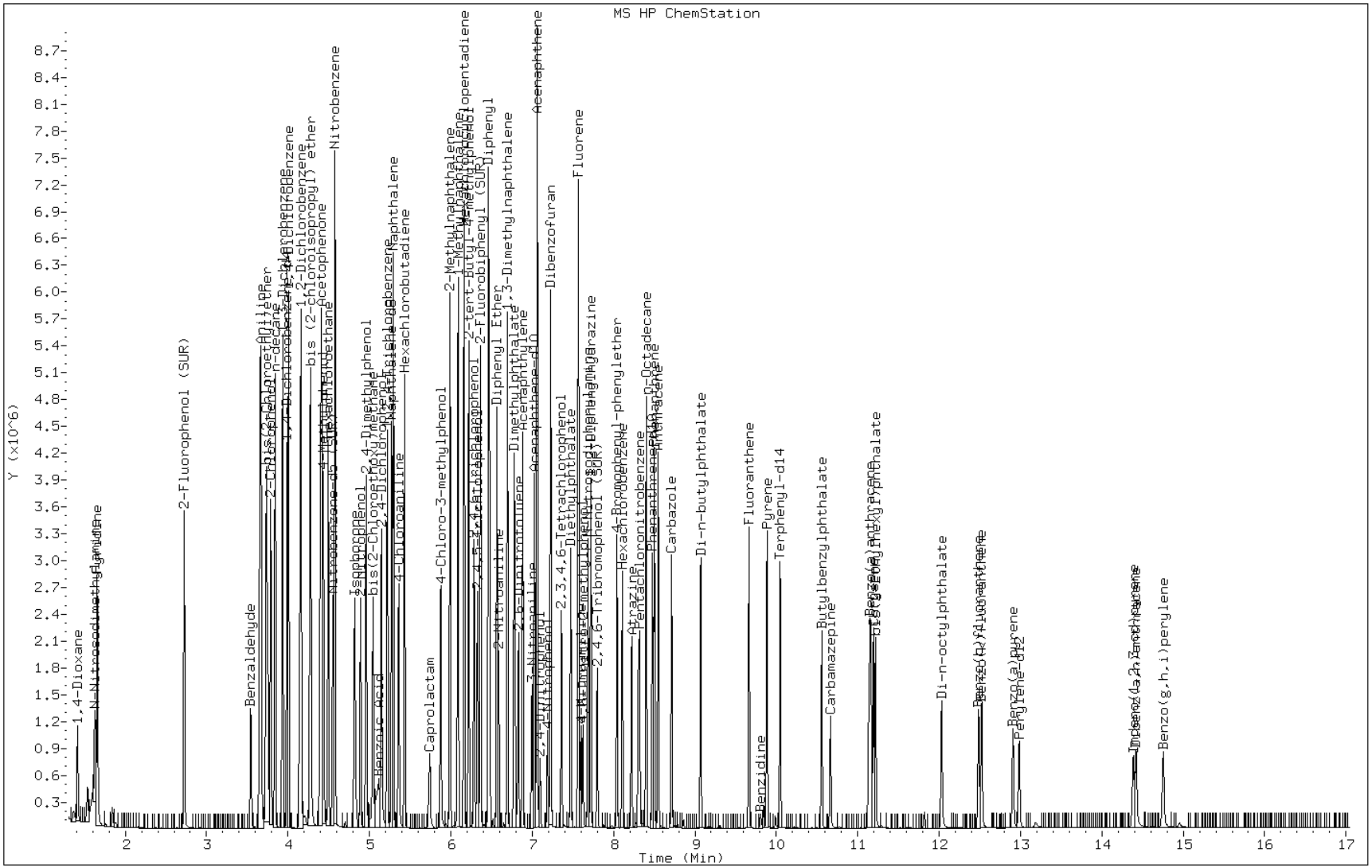
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	11 2,4-Dinitrophenol	184	7.097	7.097	(1.010)	115566	50.0000	63
	12 4-Nitrophenol	65	7.185	7.185	(1.023)	166236	50.0000	47
	43 Dibenzofuran	168	7.227	7.227	(1.028)	1655606	50.0000	48
	44 2,4-Dinitrotoluene	165	7.227	7.227	(1.028)	340271	50.0000	50
	130 2,3,4,6-Tetrachlorophenol	232	7.356	7.356	(1.047)	278491	50.0000	49
	45 Diethylphthalate	149	7.474	7.474	(1.064)	1174373	50.0000	49
	47 Fluorene	166	7.562	7.562	(1.076)	1335577	50.0000	49
	46 4-Chlorophenyl-phenylether	204	7.568	7.568	(1.077)	629877	50.0000	48
	48 4-Nitroaniline	138	7.597	7.597	(1.081)	224480	50.0000	51
	13 4,6-Dinitro-2-methylphenol	198	7.627	7.627	(0.899)	162616	50.0000	58
	49 N-Nitrosodiphenylamine	169	7.691	7.691	(0.907)	804934	50.0000	46
	75 1,2-Diphenylhydrazine	77	7.727	7.727	(0.911)	1396377	50.0000	46
$	18 2,4,6-Tribromophenol (SUR)	330	7.803	7.803	(1.110)	186390	50.0000	52
	50 4-Bromophenyl-phenylether	248	8.044	8.044	(0.949)	355876	50.0000	48
	51 Hexachlorobenzene	284	8.109	8.109	(0.956)	360677	50.0000	47
	112 Atrazine	200	8.227	8.227	(0.970)	275295	50.0000	50
	14 Pentachlorophenol	266	8.309	8.309	(0.980)	189361	50.0000	48
	132 Pentachloronitrobenzene	237	8.321	8.321	(0.981)	140217	50.0000	48
	115 n-Octadecane	57	8.403	8.403	(0.991)	705885	50.0000	47
*	83 Phenanthrene-d10	188	8.479	8.479	(1.000)	1105694	40.0000	
	52 Phenanthrene	178	8.503	8.503	(1.003)	1520569	50.0000	48
	53 Anthracene	178	8.550	8.550	(1.008)	1544866	50.0000	48
	54 Carbazole	167	8.715	8.715	(1.028)	1185377	50.0000	49
	55 Di-n-butylphthalate	149	9.074	9.074	(1.070)	1539090	50.0000	51
	56 Fluoranthene	202	9.662	9.662	(1.139)	1313739	50.0000	51
	58 Benzidine	184	9.803	9.803	(1.156)	73739	50.0000	27
	57 Pyrene	202	9.885	9.885	(0.885)	1281745	50.0000	45
$	78 Terphenyl-d14	244	10.044	10.044	(0.899)	914030	50.0000	48
	59 Butylbenzylphthalate	149	10.556	10.556	(0.945)	501977	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.650	10.650	(0.954)	1297	0.50000	0.51
	124 Carbamazepine	193	10.662	10.662	(0.955)	320633	50.0000	45
	60 3,3'-Dichlorobenzidine	252	11.138	11.138	(0.997)	244384	50.0000	50
	61 Benzo(a)anthracene	228	11.156	11.156	(0.999)	909904	50.0000	46
*	81 Chrysene-d12	240	11.168	11.168	(1.000)	625780	40.0000	
	62 Chrysene	228	11.197	11.197	(1.003)	876201	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	11.220	11.220	(1.005)	644536	50.0000	51
	64 Di-n-octylphthalate	149	12.032	12.032	(0.927)	914149	50.0000	50
	65 Benzo(b)fluoranthene	252	12.485	12.485	(0.961)	713511	50.0000	48
	66 Benzo(k)fluoranthene	252	12.520	12.520	(0.964)	775540	50.0000	49
	67 Benzo(a)pyrene	252	12.909	12.909	(0.994)	597379	50.0000	50
*	84 Perylene-d12	264	12.985	12.985	(1.000)	497279	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.391	14.391	(1.108)	563733	50.0000	48
	69 Dibenz(a,h)anthracene	278	14.426	14.426	(1.111)	574402	50.0000	44
	70 Benzo(g,h,i)perylene	276	14.756	14.756	(1.136)	583716	50.0000	48

Data File: x34675.d

Date: 28-FEB-2013 01:11

Client ID: Instrument: BNAMS5.i

Sample Info: CCVIS-1995803 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149146/2 Calibration Date: 02/28/2013 12:55

Instrument ID: BNAMS5 Calib Start Date: 02/26/2013 09:42

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2013 11:40

Lab File ID: x34702.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5437	0.5714		52500	50000	5.1	20.0
N-Nitrosodimethylamine	Ave	0.7795	0.7287		46700	50000	-6.5	20.0
Pyridine	Ave	1.396	1.299		46500	50000	-6.9	20.0
Benzaldehyde	Ave	0.5165	0.3694		35800	50000	-28.5*	20.0
Aniline	Ave	1.859	1.591		42800	50000	-14.4	20.0
Phenol	Ave	1.686	1.394		41300	50000	-17.3	20.0
Bis(2-chloroethyl)ether	QuaF	1.510	1.187		48200	50000	-3.7	20.0
2-Chlorophenol	Ave	1.418	1.284		45300	50000	-9.5	20.0
Decane	Ave	1.252	1.196		47800	50000	-4.5	20.0
1,3-Dichlorobenzene	Ave	1.665	1.582		47500	50000	-5.0	20.0
1,4-Dichlorobenzene	Ave	1.669	1.558		46700	50000	-6.6	20.0
Benzyl alcohol	Ave	0.8210	0.6376		38800	50000	-22.3*	20.0
1,2-Dichlorobenzene	Ave	1.533	1.437		46900	50000	-6.3	20.0
2-Methylphenol	Ave	1.126	0.9625		42700	50000	-14.6	20.0
bis (2-chloroisopropyl) ether	Ave	1.353	1.174		43400	50000	-13.2	20.0
Acetophenone	Ave	1.621	1.432		44200	50000	-11.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.8164	0.7142	0.0500	43700	50000	-12.5	20.0
3 & 4 Methylphenol	Ave	1.107	0.9165		41400	50000	-17.2	20.0
4-Methylphenol	Ave	1.106	0.9165		41400	50000	-17.1	20.0
Hexachloroethane	Ave	0.6163	0.5860		47500	50000	-4.9	20.0
n,n'-Dimethylaniline	Ave	1.851	1.688		45600	50000	-8.8	20.0
Nitrobenzene	Ave	0.5101	0.4805		47100	50000	-5.8	20.0
Isophorone	Ave	0.5871	0.5418		46100	50000	-7.7	20.0
2-Nitrophenol	Ave	0.1937	0.1945		50200	50000	0.4	20.0
2,4-Dimethylphenol	Ave	0.3088	0.2783		45100	50000	-9.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.3725	0.3503		47000	50000	-6.0	20.0
Benzoic acid	QuaF	0.1230	0.1546		65000	50000	30.1*	20.0
2,4-Dichlorophenol	Ave	0.2789	0.2642		47400	50000	-5.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3380	0.3239		47900	50000	-4.2	20.0
Naphthalene	Ave	1.054	0.998		47300	50000	-5.3	20.0
4-Chloroaniline	Ave	0.3577	0.3443		48100	50000	-3.7	20.0
Hexachlorobutadiene	Ave	0.2033	0.2025		49800	50000	-0.4	20.0
Caprolactam	Ave	0.0642	0.0753		58700	50000	17.3	20.0
4-Chloro-3-methylphenol	Ave	0.2522	0.2425		48100	50000	-3.9	20.0
2-Methylnaphthalene	Ave	0.6457	0.6094		47200	50000	-5.6	20.0
1-Methylnaphthalene	Ave	0.6501	0.6276		48300	50000	-3.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6835	0.6438		47100	50000	-5.8	20.0
Hexachlorocyclopentadiene	LinF	0.3668	0.4007	0.0500	46400	50000	-7.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4243	0.4153		48900	50000	-2.1	20.0
2,4,6-Trichlorophenol	Ave	0.3977	0.3787		47600	50000	-4.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149146/2 Calibration Date: 02/28/2013 12:55

Instrument ID: BNAMS5 Calib Start Date: 02/26/2013 09:42

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2013 11:40

Lab File ID: x34702.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3832	0.3767		49200	50000	-1.7	20.0
Diphenyl	Ave	1.599	1.552		48500	50000	-2.9	20.0
2-Chloronaphthalene	Ave	1.240	1.167		47000	50000	-5.9	20.0
Diphenyl ether	Ave	0.8790	0.8232		46800	50000	-6.3	20.0
2-Nitroaniline	QuaF	0.3428	0.3313		50700	50000	1.3	20.0
Dimethylnaphthalene, total	Ave	1.028	0.9931		48300	50000	-3.4	20.0
Dimethyl phthalate	Ave	1.128	1.105		49000	50000	-2.1	20.0
Coumarin	Ave	0.1621	0.1710		52700	50000	5.5	20.0
2,6-Dinitrotoluene	Ave	0.2563	0.2645		51600	50000	3.2	20.0
Acenaphthylene	Ave	1.846	1.746		47300	50000	-5.4	20.0
3-Nitroaniline	Ave	0.2438	0.2639		54100	50000	8.2	20.0
Acenaphthene	Ave	1.072	1.033		48200	50000	-3.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.070	1.066		49800	50000	-0.4	20.0
2,4-Dinitrophenol	QuaF	0.0773	0.1298	0.0500	76100	50000	52.2*	20.0
4-Nitrophenol	Ave	0.1576	0.1763	0.0500	56000	50000	11.9	20.0
2,4-Dinitrotoluene	Ave	0.3003	0.3218		53600	50000	7.1	20.0
Dibenzofuran	Ave	1.541	1.451		47100	50000	-5.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2538	0.2627		51700	50000	3.5	20.0
Diethyl phthalate	Ave	1.056	1.089		51500	50000	3.1	20.0
Fluorene	Ave	1.214	1.196		49200	50000	-1.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.5778	0.5668		49100	50000	-1.9	20.0
4-Nitroaniline	Ave	0.1961	0.2293		58500	50000	16.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1021	0.1329		65100	50000	30.2*	20.0
N-Nitrosodiphenylamine	Ave	0.6273	0.5812		46300	50000	-7.3	20.0
1,2-Diphenylhydrazine	Ave	1.088	0.9688		44500	50000	-11.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2655	0.2425		45700	50000	-8.6	20.0
Hexachlorobenzene	Ave	0.2765	0.2616		47300	50000	-5.4	20.0
Atrazine	Ave	0.1987	0.2062		51900	50000	3.8	20.0
Pentachlorophenol	Ave	0.1419	0.1499		52800	50000	5.7	20.0
Pentachloronitrobenzene	Ave	0.1052	0.1025		48700	50000	-2.6	
n-Octadecane	Ave	0.5465	0.4818		44100	50000	-11.8	20.0
Phenanthrene	Ave	1.147	1.087		47400	50000	-5.3	20.0
Anthracene	Ave	1.153	1.115		48400	50000	-3.3	20.0
Carbazole	Ave	0.8756	0.8979		51300	50000	2.5	20.0
Di-n-butyl phthalate	Ave	1.082	1.122		51900	50000	3.7	20.0
Fluoranthene	Ave	0.9358	1.005		53700	50000	7.4	20.0
Benzidine	Ave	0.0984	0.0885		45000	50000	-10.0	20.0
Pyrene	Ave	1.833	1.596		43500	50000	-12.9	20.0
Butyl benzyl phthalate	Ave	0.6406	0.6221		48600	50000	-2.9	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1621	0.1722		531	500	6.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVIS 460-149146/2 Calibration Date: 02/28/2013 12:55

Instrument ID: BNAMS5 Calib Start Date: 02/26/2013 09:42

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2013 11:40

Lab File ID: x34702.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	LinF	0.3881	0.4375		48000	50000	-4.1	20.0
3,3'-Dichlorobenzidine	Ave	0.3117	0.3109		49900	50000	-0.2	20.0
Benzo[a]anthracene	Ave	1.267	1.157		45700	50000	-8.7	20.0
Chrysene	Ave	1.119	1.111		49600	50000	-0.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8100	0.7945		49000	50000	-1.9	20.0
Di-n-octyl phthalate	Ave	1.471	1.527		51900	50000	3.8	20.0
Benzo[b]fluoranthene	Ave	1.201	1.233		51300	50000	2.6	20.0
Benzo[k]fluoranthene	Ave	1.269	1.243		49000	50000	-2.1	20.0
Benzo[a]pyrene	Ave	0.9622	0.9611		49900	50000	-0.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9348	0.8749		46800	50000	-6.4	20.0
Dibenz(a,h)anthracene	LinF	0.9163	0.9045		43100	50000	-13.8	20.0
Benzo[g,h,i]perylene	Ave	0.9778	0.9119		46600	50000	-6.7	20.0
2-Fluorophenol	Ave	1.359	1.221		44900	50000	-10.2	20.0
Phenol-d5	Ave	1.556	1.318		42400	50000	-15.3	20.0
Nitrobenzene-d5	Ave	0.3827	0.3769		49200	50000	-1.5	20.0
2-Fluorobiphenyl	Ave	1.473	1.421		48300	50000	-3.5	20.0
2,4,6-Tribromophenol	Ave	0.1576	0.1739		55200	50000	10.3	20.0
Terphenyl-d14	Ave	1.228	1.131		46100	50000	-7.9	20.0

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34702.d
Report Date: 28-Feb-2013 13:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34702.d
Lab Smp Id: CCVIS-1995803
Inj Date : 28-FEB-2013 12:55
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : CCVIS-1995803
Misc Info : 50 ppm bna 4737
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/8270C_11.m
Meth Date : 28-Feb-2013 13:13 croccom Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
106	1,4-Dioxane	88	1.380	1.380	(0.348)	339492	50.0000	52
19	N-Nitrosodimethylamine	74	1.598	1.598	(0.403)	432968	50.0000	47
71	Pyridine	79	1.621	1.621	(0.409)	772078	50.0000	46
$ 16	2-Fluorophenol (SUR)	112	2.692	2.692	(0.679)	725245	50.0000	45
110	Benzaldehyde	77	3.515	3.515	(0.887)	219453	50.0000	36
73	Aniline	93	3.627	3.627	(0.915)	945184	50.0000	43
$ 17	Phenol-d5 (SUR)	99	3.621	3.621	(0.914)	783258	50.0000	42
1	Phenol	94	3.633	3.633	(0.917)	828275	50.0000	41
20	bis(2-Chloroethyl)ether	93	3.703	3.703	(0.935)	705027	50.0000	48
2	2-Chlorophenol	128	3.756	3.756	(0.948)	762712	50.0000	45
113	n-decane	43	3.815	3.815	(0.963)	710713	50.0000	48
21	1,3-Dichlorobenzene	146	3.903	3.903	(0.985)	939987	50.0000	48
* 79	1,4-Dichlorobenzene-d4	152	3.962	3.962	(1.000)	475311	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34702.d
Report Date: 28-Feb-2013 13:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	22 1,4-Dichlorobenzene	146	3.974	3.974	(1.003)	925649	50.0000	47
	74 Benzyl Alcohol	108	4.109	4.109	(1.037)	378830	50.0000	39
	23 1,2-Dichlorobenzene	146	4.133	4.133	(1.043)	853583	50.0000	47
	24 bis (2-chloroisopropyl) ether	45	4.250	4.250	(1.073)	697776	50.0000	43
	3 2-Methylphenol	108	4.244	4.244	(1.071)	571863	50.0000	43
	104 Acetophenone	105	4.380	4.380	(1.105)	850962	50.0000	44
	25 N-Nitroso-di-n-propylamine	70	4.386	4.386	(1.107)	424342	50.0000	44
	4 4-Methylphenol	108	4.403	4.403	(1.111)	544534	50.0000	41
	123 3 & 4 Methylphenol	108	4.403	4.403	(1.111)	544534	50.0000	41
	26 Hexachloroethane	117	4.468	4.468	(1.128)	348154	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	4.527	4.527	(0.862)	733019	50.0000	49
	27 Nitrobenzene	77	4.550	4.550	(0.867)	934416	50.0000	47
	107 N,N-Dimethylaniline	120	4.550	4.550	(1.148)	1003059	50.0000	46
	28 Isophorone	82	4.791	4.791	(0.913)	1053718	50.0000	46
	5 2-Nitrophenol	139	4.868	4.868	(0.927)	378198	50.0000	50
	6 2,4-Dimethylphenol	122	4.933	4.933	(0.940)	541184	50.0000	45
	29 bis(2-Chloroethoxy)methane	93	5.021	5.021	(0.956)	681293	50.0000	47
	15 Benzoic Acid	122	5.091	5.091	(0.970)	300712	50.0000	65
	7 2,4-Dichlorophenol	162	5.121	5.121	(0.975)	513762	50.0000	47
	30 1,2,4-Trichlorobenzene	180	5.197	5.197	(0.990)	629819	50.0000	48
*	80 Naphthalene-d8	136	5.250	5.250	(1.000)	1555780	40.0000	
	31 Naphthalene	128	5.268	5.268	(1.003)	1939965	50.0000	47
	32 4-Chloroaniline	127	5.333	5.333	(1.016)	669643	50.0000	48
	33 Hexachlorobutadiene	225	5.409	5.409	(1.030)	393707	50.0000	50
	111 Caprolactam	113	5.709	5.709	(1.087)	146440	50.0000	59
	8 4-Chloro-3-methylphenol	107	5.850	5.850	(1.114)	471528	50.0000	48
	34 2-Methylnaphthalene	142	5.968	5.968	(1.137)	1185180	50.0000	47
	120 1-Methylnaphthalene	142	6.062	6.062	(1.155)	1220569	50.0000	48
	35 Hexachlorocyclopentadiene	237	6.138	6.138	(0.877)	349761	50.0000	46
	129 1,2,4,5-Tetrachlorobenzene	216	6.138	6.138	(0.877)	561951	50.0000	47
	121 2-tert-Butyl-4-methylphenol	149	6.197	6.197	(1.180)	807570	50.0000	49
	9 2,4,6-Trichlorophenol	196	6.262	6.262	(0.895)	330525	50.0000	48
	10 2,4,5-Trichlorophenol	196	6.303	6.303	(0.901)	328831	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.338	6.338	(0.906)	1240784	50.0000	48
	102 Diphenyl	154	6.438	6.438	(0.920)	1354844	50.0000	48
	36 2-Chloronaphthalene	162	6.450	6.450	(0.922)	1018646	50.0000	47
	103 Diphenyl Ether	170	6.544	6.544	(0.935)	718537	50.0000	47
	37 2-Nitroaniline	65	6.562	6.562	(0.938)	289199	50.0000	51
	125 1,3-Dimethylnaphthalene	156	6.668	6.668	(0.953)	866846	50.0000	48
	38 Dimethylphthalate	163	6.750	6.750	(0.965)	964582	50.0000	49
	114 Coumarin	146	6.762	6.762	(1.288)	332477	50.0000	53
	40 2,6-Dinitrotoluene	165	6.803	6.803	(0.972)	230889	50.0000	52
	39 Acenaphthylene	152	6.856	6.856	(0.980)	1523750	50.0000	47
	41 3-Nitroaniline	138	6.968	6.968	(0.996)	230331	50.0000	54
*	82 Acenaphthene-d10	164	6.997	6.997	(1.000)	698311	40.0000	
	42 Acenaphthene	154	7.033	7.033	(1.005)	901278	50.0000	48
	122 2,6-Di-tert-butyl-p-cresol	205	7.038	7.038	(1.006)	930736	50.0000	50

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34702.d
Report Date: 28-Feb-2013 13:13

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	11	2,4-Dinitrophenol	184	7.068	7.068	(1.010)	113313	50.0000	76
	12	4-Nitrophenol	65	7.162	7.162	(1.024)	153903	50.0000	56
	43	Dibenzofuran	168	7.203	7.203	(1.029)	1266221	50.0000	47
	44	2,4-Dinitrotoluene	165	7.197	7.197	(1.029)	280890	50.0000	54
	130	2,3,4,6-Tetrachlorophenol	232	7.332	7.332	(1.048)	229288	50.0000	52
	45	Diethylphthalate	149	7.450	7.450	(1.065)	950327	50.0000	52
	47	Fluorene	166	7.538	7.538	(1.077)	1044121	50.0000	49(H)
	46	4-Chlorophenyl-phenylether	204	7.544	7.544	(1.078)	494788	50.0000	49
	48	4-Nitroaniline	138	7.574	7.574	(1.082)	200153	50.0000	58
	13	4,6-Dinitro-2-methylphenol	198	7.603	7.603	(0.899)	151554	50.0000	65
	49	N-Nitrosodiphenylamine	169	7.668	7.668	(0.907)	662722	50.0000	46
	75	1,2-Diphenylhydrazine	77	7.697	7.697	(0.910)	1104622	50.0000	44
$	18	2,4,6-Tribromophenol (SUR)	330	7.780	7.780	(1.112)	151787	50.0000	55
	50	4-Bromophenyl-phenylether	248	8.021	8.021	(0.949)	276532	50.0000	46
	51	Hexachlorobenzene	284	8.085	8.085	(0.956)	298255	50.0000	47
	112	Atrazine	200	8.203	8.203	(0.970)	235134	50.0000	52
	14	Pentachlorophenol	266	8.285	8.285	(0.980)	170882	50.0000	53
	132	Pentachloronitrobenzene	237	8.297	8.297	(0.981)	116814	50.0000	49
	115	n-Octadecane	57	8.379	8.379	(0.991)	549342	50.0000	44
*	83	Phenanthrene-d10	188	8.456	8.456	(1.000)	912168	40.0000	
	52	Phenanthrene	178	8.479	8.479	(1.003)	1239235	50.0000	47
	53	Anthracene	178	8.527	8.527	(1.008)	1270912	50.0000	48
	54	Carbazole	167	8.691	8.691	(1.028)	1023764	50.0000	51
	55	Di-n-butylphthalate	149	9.050	9.050	(1.070)	1279284	50.0000	52
	56	Fluoranthene	202	9.644	9.644	(1.141)	1145539	50.0000	54
	58	Benzidine	184	9.779	9.779	(1.157)	100934	50.0000	45
	57	Pyrene	202	9.862	9.862	(0.885)	1112001	50.0000	44
$	78	Terphenyl-d14	244	10.026	10.026	(0.900)	788086	50.0000	46
	59	Butylbenzylphthalate	149	10.538	10.538	(0.946)	433493	50.0000	48
	109	2,3,7,8-TCDD (Screen)	320	10.626	10.626	(0.954)	1200	0.50000	0.53
	124	Carbamazepine	193	10.644	10.644	(0.955)	304880	50.0000	48
	60	3,3'-Dichlorobenzidine	252	11.115	11.115	(0.997)	216660	50.0000	50
	61	Benzo(a)anthracene	228	11.132	11.132	(0.999)	806450	50.0000	46
*	81	Chrysene-d12	240	11.144	11.144	(1.000)	557460	40.0000	
	62	Chrysene	228	11.173	11.173	(1.003)	773959	50.0000	50
	63	bis(2-Ethylhexyl)phthalate	149	11.197	11.197	(1.005)	553597	50.0000	49
	64	Di-n-octylphthalate	149	12.009	12.009	(0.927)	802184	50.0000	52
	65	Benzo(b)fluoranthene	252	12.462	12.462	(0.962)	647623	50.0000	51
	66	Benzo(k)fluoranthene	252	12.497	12.497	(0.965)	652991	50.0000	49
	67	Benzo(a)pyrene	252	12.879	12.879	(0.994)	504969	50.0000	50
*	84	Perylene-d12	264	12.956	12.956	(1.000)	420316	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.356	14.356	(1.108)	459677	50.0000	47
	69	Dibenz(a,h)anthracene	278	14.391	14.391	(1.111)	475216	50.0000	43
	70	Benzo(g,h,i)perylene	276	14.720	14.720	(1.136)	479088	50.0000	47

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34702.d
Report Date: 28-Feb-2013 13:13

QC Flag Legend

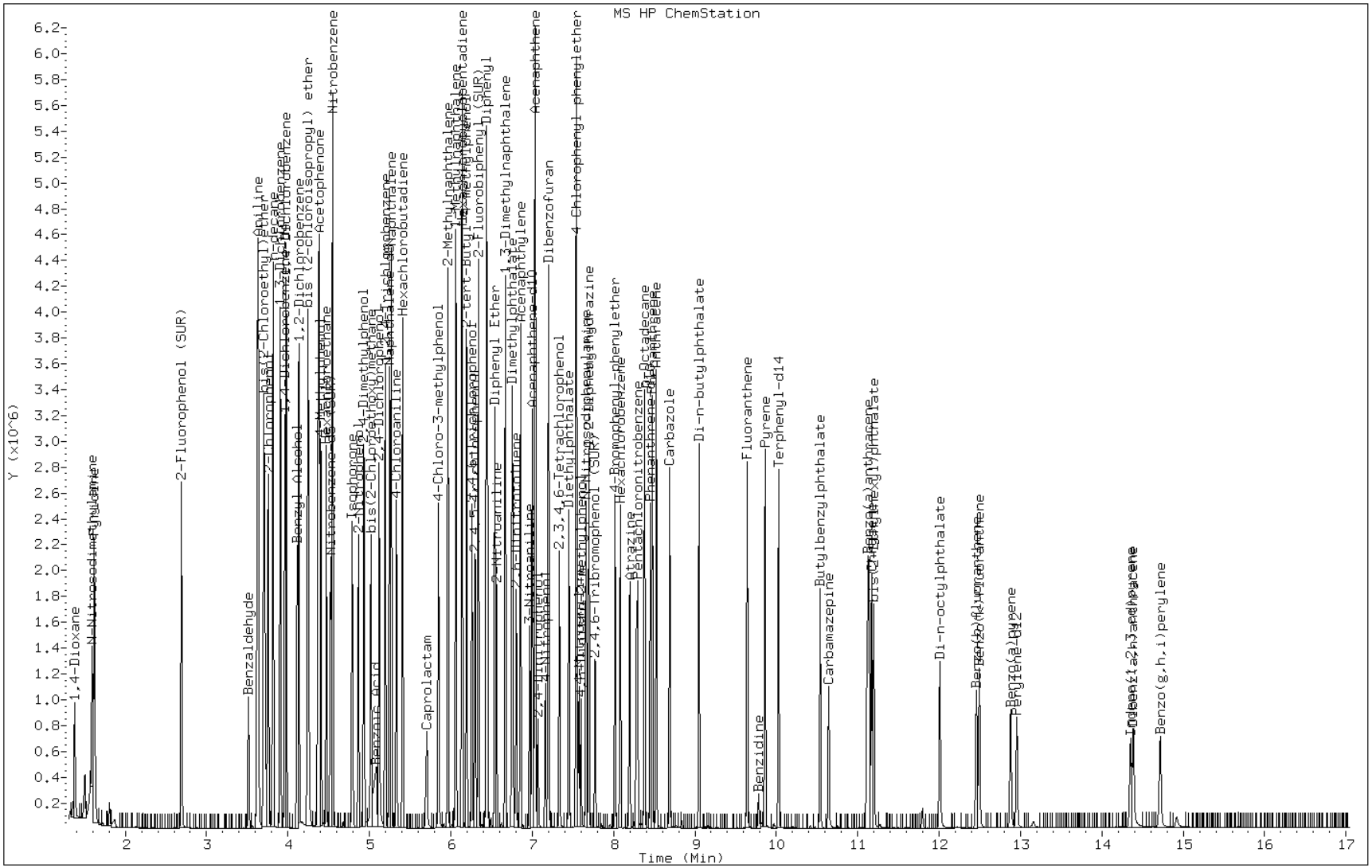
H - Operator selected an alternate compound hit.

Data File: x34702.d

Date: 28-FEB-2013 12:55

Client ID: Instrument: BNAMS5.i

Sample Info: CCVIS-1995803 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18528.d
Report Date: 18-Feb-2013 15:11

TestAmerica

Data file : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18528.d
Lab Smp Id: DFTPP-1896725
Inj Date : 18-FEB-2013 13:33
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-1896725
Misc Info : 25 ppm bna4725
Comment   :
Method   : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/BNADFTPP.m
Meth Date : 11-Feb-2013 15:15 croccom Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.322	6.340	-0.018	198	12702			0.00- 100.00	100.00
6.322	6.340	-0.018	51	5603			30.00- 60.00	44.11
6.322	6.340	-0.018	68	89			0.00- 2.00	1.72
6.322	6.340	-0.018	69	5172			0.00- 0.00	40.72
6.322	6.340	-0.018	70	0			0.00- 2.00	0.00
6.322	6.340	-0.018	127	6888			40.00- 60.00	54.23
6.322	6.340	-0.018	197	30			0.00- 1.00	0.24
6.322	6.340	-0.018	199	758			5.00- 9.00	5.97
6.322	6.340	-0.018	275	3238			10.00- 30.00	25.49
6.322	6.340	-0.018	365	568			1.00- 0.00	4.47
6.322	6.340	-0.018	441	1482			0.01- 100.00	75.15
6.322	6.340	-0.018	442	10236			40.00- 110.00	80.59
6.322	6.340	-0.018	443	1972			17.00- 23.00	19.27

Data File: z18528.d

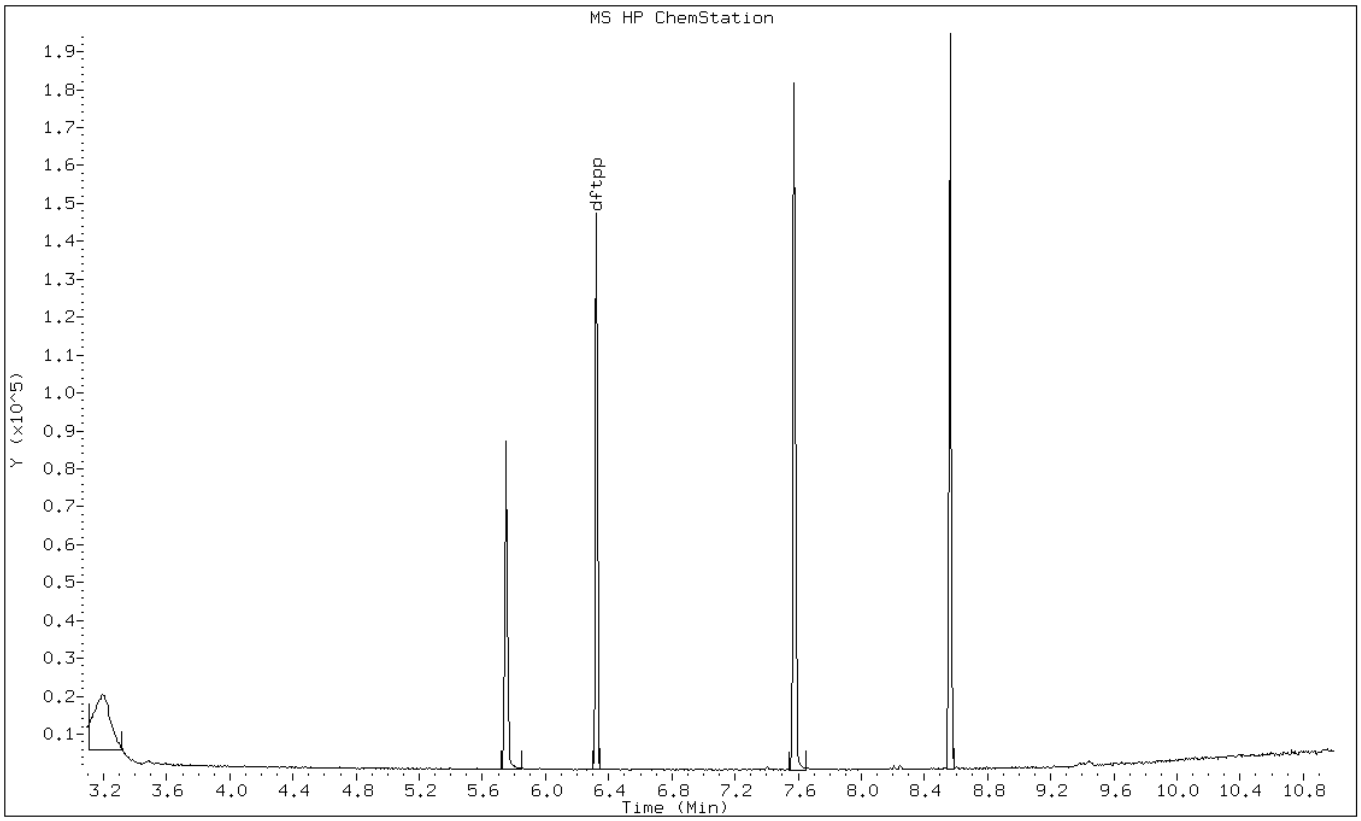
Date: 18-FEB-2013 13:33

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1896725

Operator: BNA2



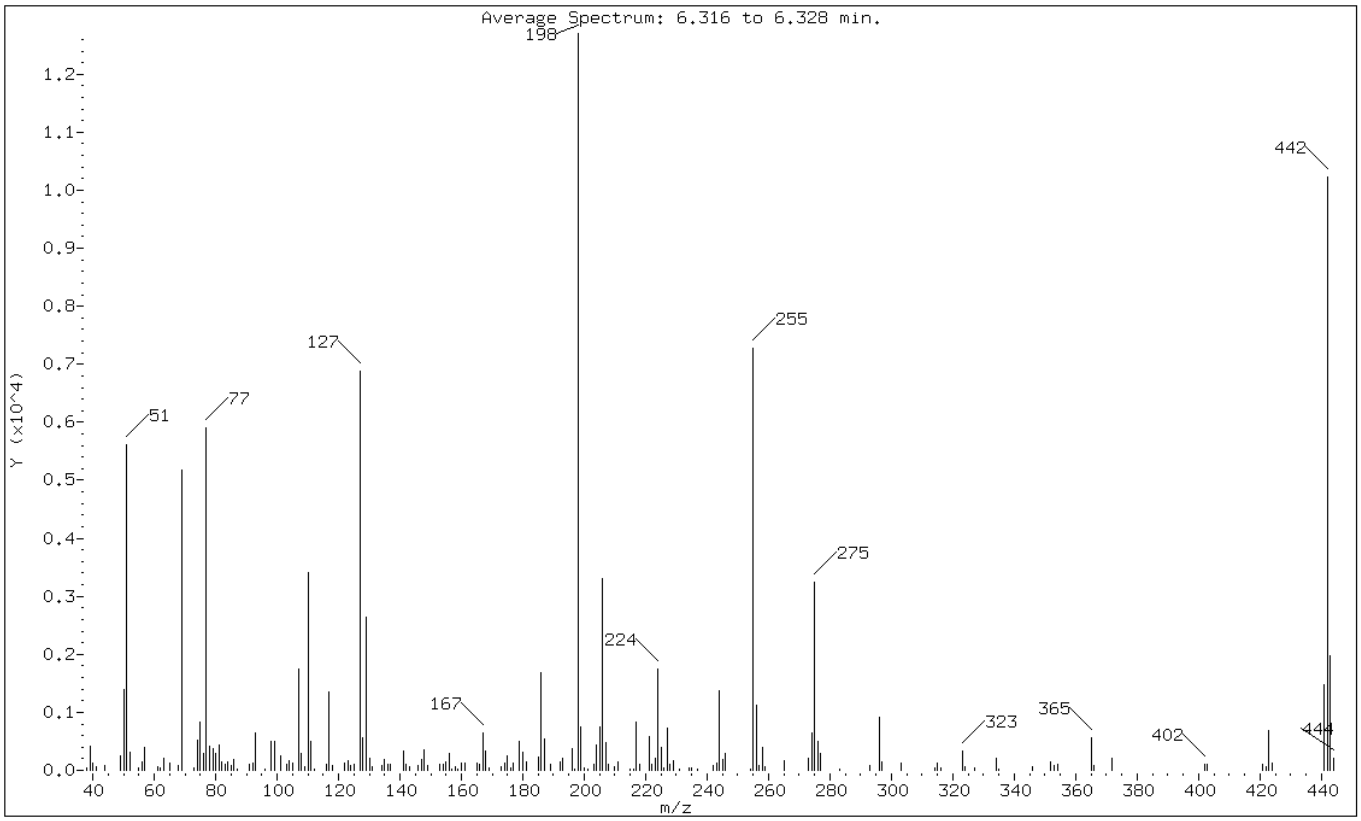
Data File: z18528.d

Date: 18-FEB-2013 13:33

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.11
68	Less than 2.00% of mass 69	0.70 (1.72)
69	Mass 69 relative abundance	40.72
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.23
197	Less than 1.00% of mass 198	0.24
199	5.00 - 9.00% of mass 198	5.97
275	10.00 - 30.00% of mass 198	25.49
365	Greater than 1.00% of mass 198	4.47
441	0.01 - 100.00% of mass 443	11.67 (75.15)
442	40.00 - 110.00% of mass 198	80.59
443	17.00 - 23.00% of mass 442	15.53 (19.27)

Data File: z18528.d

Date: 18-FEB-2013 13:33

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18528.d
Spectrum: Average Spectrum: 6.316 to 6.328 min.
Location of Maximum: 198.00
Number of points: 178

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	50	109.00	56	177.00	132	246.00	299
39.00	425	110.00	3401	179.00	491	254.00	29
40.00	122	111.00	496	180.00	312	255.00	7272
41.00	70	112.00	20	181.00	155	256.00	1123
44.00	77	116.00	112	185.00	222	257.00	82
49.00	248	117.00	1344	186.00	1694	258.00	403
50.00	1386	118.00	90	187.00	533	259.00	71
51.00	5603	122.00	127	189.00	105	265.00	174
52.00	303	123.00	174	192.00	155	273.00	209
55.00	46	124.00	82	193.00	214	274.00	642
56.00	148	125.00	99	196.00	377	275.00	3238
57.00	394	127.00	6888	197.00	30	276.00	508
61.00	53	128.00	556	198.00	12702	277.00	292
62.00	43	129.00	2634	199.00	758	283.00	20
63.00	203	130.00	206	200.00	35	293.00	75
65.00	122	131.00	56	201.00	24	296.00	911
68.00	89	134.00	77	203.00	107	297.00	138
69.00	5172	135.00	197	204.00	431	303.00	122
73.00	51	136.00	94	205.00	754	314.00	35
74.00	528	137.00	111	206.00	3301	315.00	120
75.00	834	141.00	341	207.00	473	316.00	41
76.00	297	142.00	106	208.00	113	323.00	341
77.00	5898	143.00	72	210.00	66	324.00	70
78.00	409	146.00	74	211.00	148	327.00	46
79.00	384	147.00	177	215.00	17	334.00	214
80.00	295	148.00	363	216.00	27	335.00	16
81.00	437	149.00	78	217.00	830	346.00	57
82.00	139	153.00	110	218.00	102	352.00	137
83.00	107	154.00	100	221.00	591	353.00	88
84.00	137	155.00	153	222.00	113	354.00	114
85.00	77	156.00	290	223.00	201	365.00	568
86.00	183	157.00	17	224.00	1742	366.00	81
87.00	20	158.00	70	225.00	398	372.00	200
91.00	96	159.00	17	226.00	48	402.00	105
92.00	115	160.00	128	227.00	736	403.00	102
93.00	637	161.00	120	228.00	112	421.00	104
96.00	20	165.00	118	229.00	160	422.00	72
98.00	506	166.00	109	231.00	31	423.00	685
99.00	493	167.00	640	234.00	38	424.00	132
101.00	242	168.00	343	235.00	45	441.00	1482

103.00	95	169.00	36	237.00	24	442.00	10236
104.00	159	173.00	67	242.00	79	443.00	1972
105.00	127	174.00	116	243.00	131	444.00	206
107.00	1750	175.00	253	244.00	1382		
108.00	282	176.00	46	245.00	189		

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19186.d
Report Date: 01-Mar-2013 03:42

TestAmerica

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19186.d
Lab Smp Id: DFTPP-1896725
Inj Date : 01-MAR-2013 03:32
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-1896725
Misc Info : bna4725
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/BNADFTPP.m
Meth Date : 11-Feb-2013 15:15 croccom Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

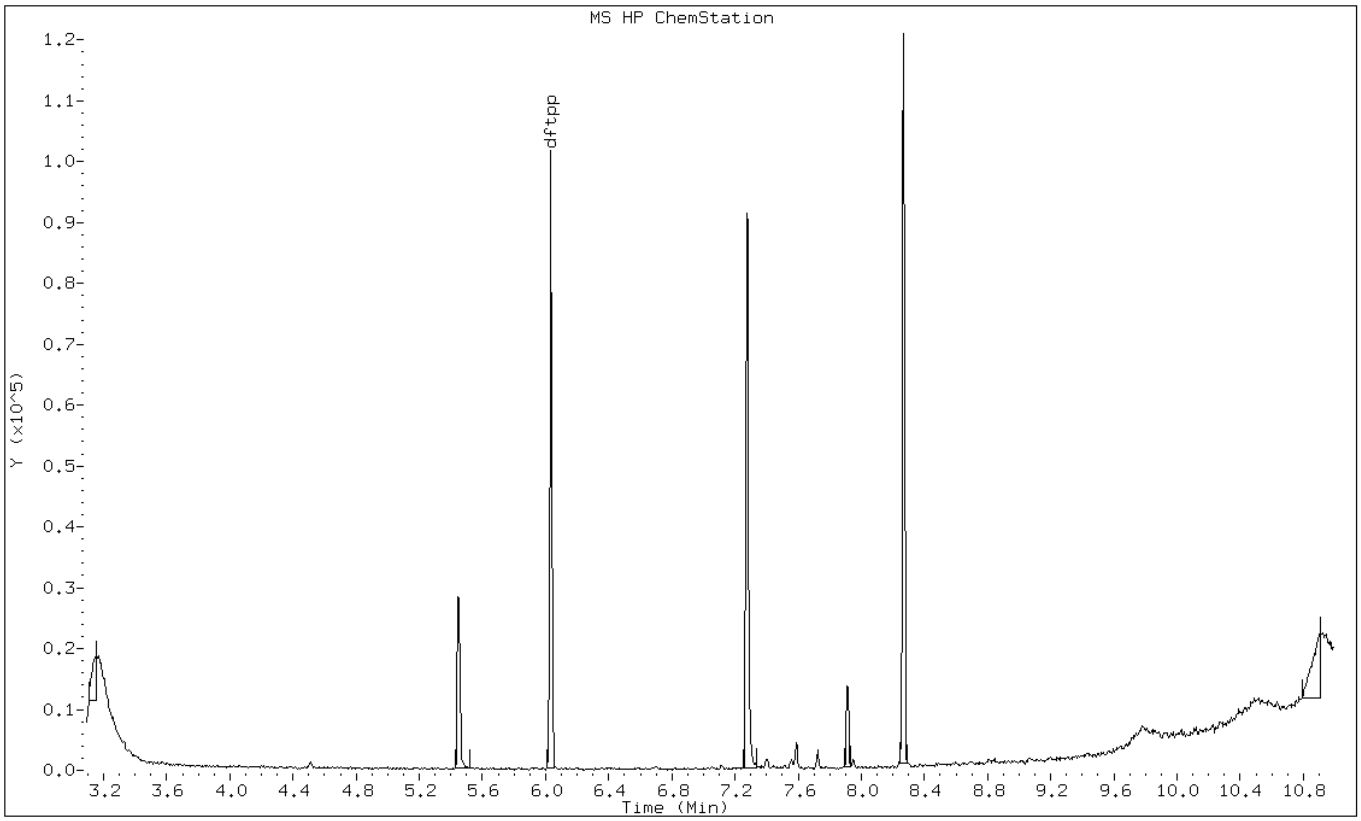
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.034	6.340	-0.306	198	8224			0.00- 100.00	100.00
6.034	6.340	-0.306	51	3538			30.00- 60.00	43.02
6.034	6.340	-0.306	68	68			0.00- 2.00	1.94
6.034	6.340	-0.306	69	3499			0.00- 0.00	42.55
6.034	6.340	-0.306	70	0			0.00- 2.00	0.00
6.034	6.340	-0.306	127	4410			40.00- 60.00	53.62
6.034	6.340	-0.306	197	0			0.00- 1.00	0.00
6.034	6.340	-0.306	199	618			5.00- 9.00	7.51
6.034	6.340	-0.306	275	2362			10.00- 30.00	28.72
6.034	6.340	-0.306	365	384			1.00- 0.00	4.67
6.034	6.340	-0.306	441	1014			0.01- 100.00	74.34
6.034	6.340	-0.306	442	6955			40.00- 110.00	84.57
6.034	6.340	-0.306	443	1364			17.00- 23.00	19.61

Data File: z19186.d

Date: 01-MAR-2013 03:32

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNAMS3



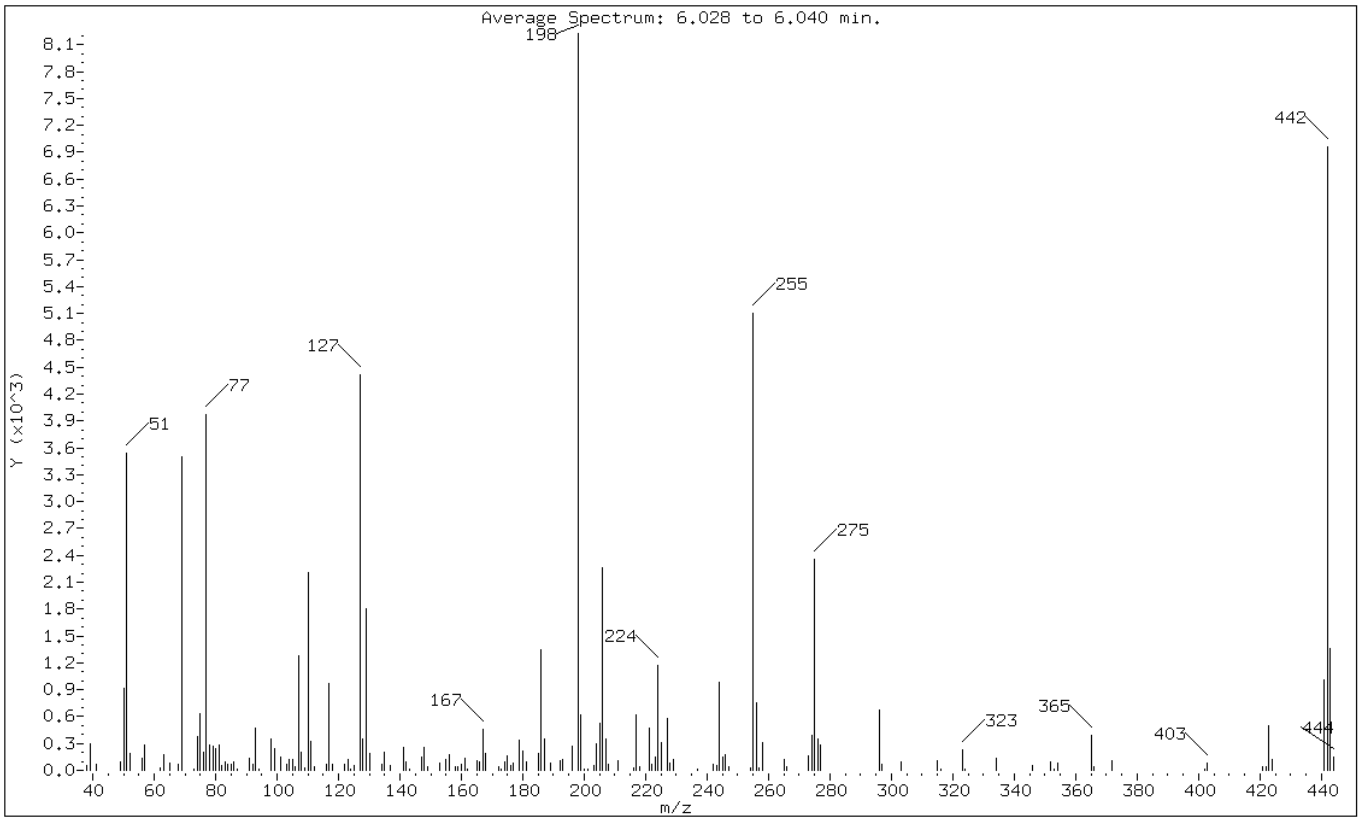
Data File: z19186.d

Date: 01-MAR-2013 03:32

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.02
68	Less than 2.00% of mass 69	0.83 (1.94)
69	Mass 69 relative abundance	42.55
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.62
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.51
275	10.00 - 30.00% of mass 198	28.72
365	Greater than 1.00% of mass 198	4.67
441	0.01 - 100.00% of mass 443	12.33 (74.34)
442	40.00 - 110.00% of mass 198	84.57
443	17.00 - 23.00% of mass 442	16.59 (19.61)

Data File: z19186.d

Date: 01-MAR-2013 03:32

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19186.d
Spectrum: Average Spectrum: 6.028 to 6.040 min.
Location of Maximum: 198.00
Number of points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	50	108.00	206	176.00	50	254.00	23
39.00	298	109.00	22	177.00	84	255.00	5097
41.00	68	110.00	2202	179.00	333	256.00	751
49.00	95	111.00	325	180.00	214	257.00	23
50.00	911	112.00	40	181.00	90	258.00	305
51.00	3538	116.00	66	185.00	187	265.00	126
52.00	188	117.00	974	186.00	1348	266.00	35
56.00	140	118.00	61	187.00	348	273.00	163
57.00	280	122.00	64	189.00	82	274.00	389
62.00	29	123.00	127	192.00	112	275.00	2362
63.00	170	124.00	20	193.00	119	276.00	347
65.00	84	125.00	53	196.00	271	277.00	278
68.00	68	127.00	4410	198.00	8224	296.00	671
69.00	3499	128.00	346	199.00	618	297.00	69
73.00	18	129.00	1802	200.00	17	303.00	89
74.00	378	130.00	195	201.00	20	315.00	104
75.00	638	134.00	73	203.00	59	316.00	19
76.00	205	135.00	199	204.00	295	323.00	232
77.00	3964	137.00	51	205.00	530	324.00	18
78.00	278	141.00	257	206.00	2255	334.00	137
79.00	270	142.00	93	207.00	346	346.00	49
80.00	237	143.00	20	208.00	72	352.00	90
81.00	288	147.00	151	211.00	101	353.00	17
82.00	58	148.00	261	216.00	21	354.00	85
83.00	90	149.00	44	217.00	618	365.00	384
84.00	71	153.00	78	218.00	47	366.00	43
85.00	66	155.00	117	221.00	471	372.00	109
86.00	99	156.00	170	222.00	61	402.00	17
87.00	18	158.00	38	223.00	146	403.00	86
91.00	138	159.00	44	224.00	1170	421.00	37
92.00	69	160.00	72	225.00	306	422.00	43
93.00	469	161.00	132	227.00	576	423.00	494
94.00	20	162.00	18	228.00	75	424.00	125
98.00	345	165.00	103	229.00	115	441.00	1014
99.00	238	166.00	89	237.00	18	442.00	6955
101.00	148	167.00	453	242.00	73	443.00	1364
103.00	66	168.00	187	243.00	52	444.00	150
104.00	127	172.00	43	244.00	986		
105.00	126	173.00	19	245.00	147		
106.00	40	174.00	90	246.00	172		

107.00 1285	175.00 156	247.00 38	

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34589.d
Report Date: 26-Feb-2013 09:32

TestAmerica

Data file : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34589.d
Lab Smp Id: DFTPP-1896725
Inj Date : 26-FEB-2013 09:26
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1896725
Misc Info : 25 ppm bna 4625
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/BNADFTPP.m
Meth Date : 26-Dec-2012 08:27 ranav Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.293	5.700	-0.407	198	42424			0.00- 100.00	100.00
5.293	5.700	-0.407	51	19014			30.00- 60.00	44.82
5.293	5.700	-0.407	68	323			0.00- 2.00	1.74
5.293	5.700	-0.407	69	18524			0.00- 0.00	43.66
5.293	5.700	-0.407	70	137			0.00- 2.00	0.74
5.293	5.700	-0.407	127	22116			40.00- 60.00	52.13
5.293	5.700	-0.407	197	239			0.00- 1.00	0.56
5.293	5.700	-0.407	199	2880			5.00- 9.00	6.79
5.293	5.700	-0.407	275	11396			10.00- 30.00	26.86
5.293	5.700	-0.407	365	1500			1.00- 0.00	3.54
5.293	5.700	-0.407	441	5148			0.01- 100.00	74.51
5.293	5.700	-0.407	442	34789			40.00- 110.00	82.00
5.293	5.700	-0.407	443	6909			17.00- 23.00	19.86

Data File: x34589.d

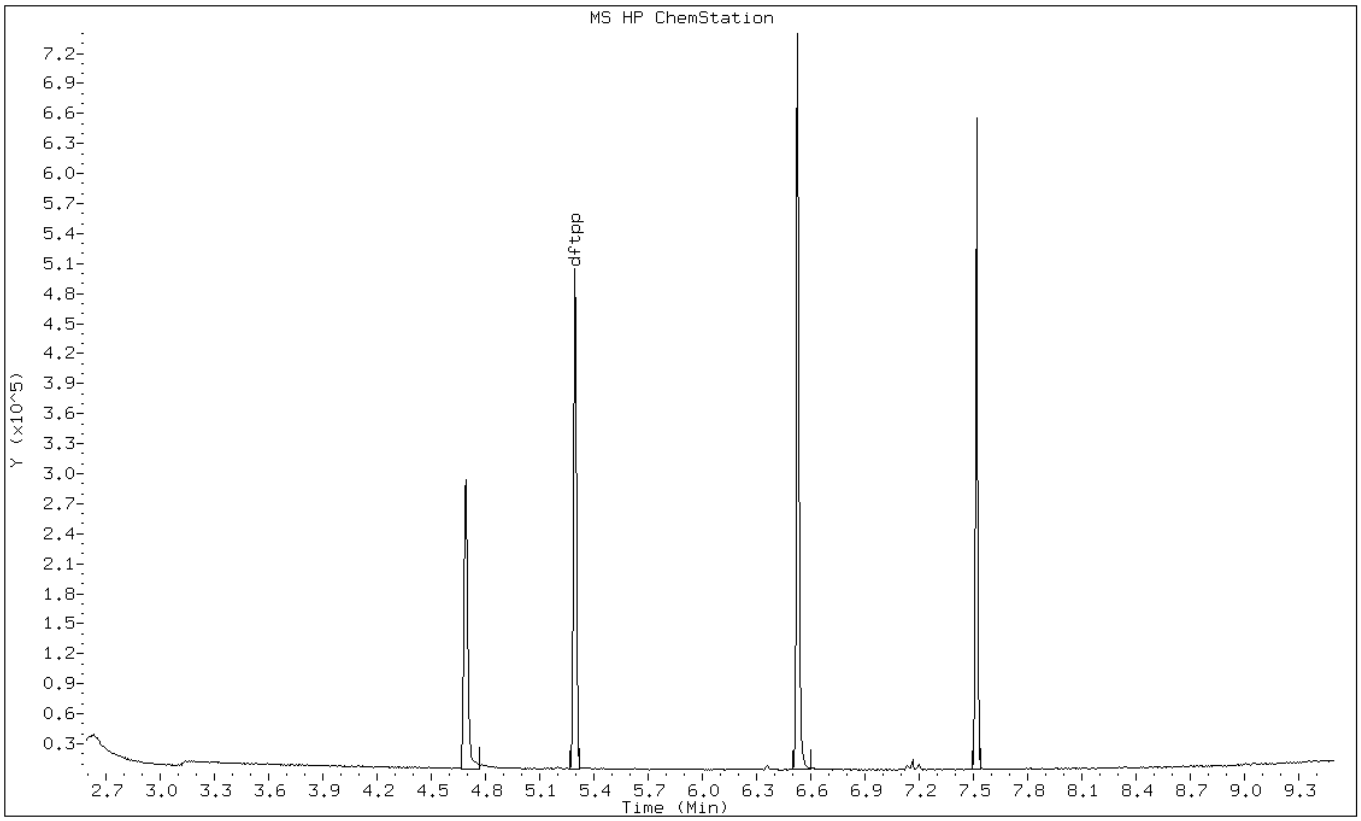
Date: 26-FEB-2013 09:26

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1896725

Operator: BNA2



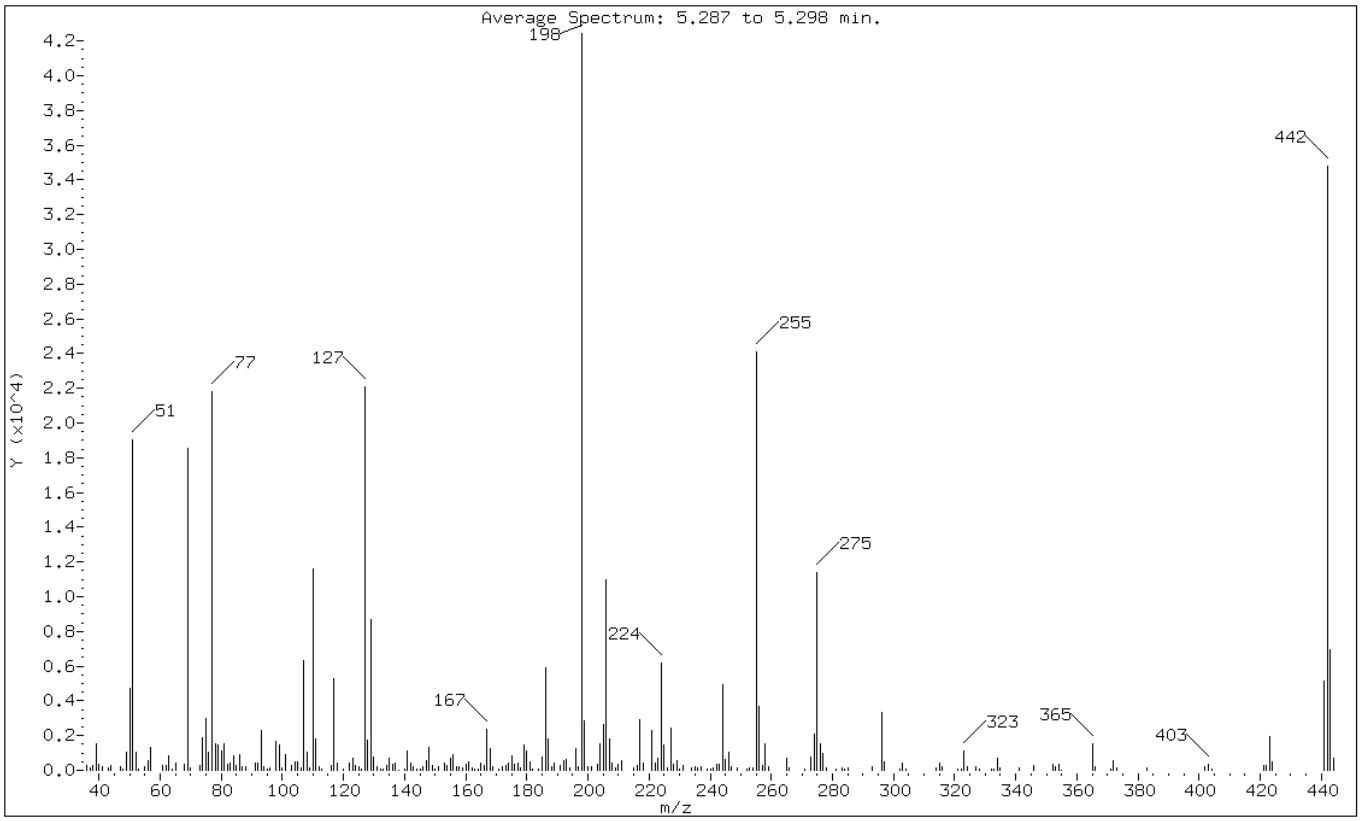
Data File: x34589.d

Date: 26-FEB-2013 09:26

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1896725 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.82
68	Less than 2.00% of mass 69	0.76 (1.74)
69	Mass 69 relative abundance	43.66
70	Less than 2.00% of mass 69	0.32 (0.74)
127	40.00 - 60.00% of mass 198	52.13
197	Less than 1.00% of mass 198	0.56
199	5.00 - 9.00% of mass 198	6.79
275	10.00 - 30.00% of mass 198	26.86
365	Greater than 1.00% of mass 198	3.54
441	0.01 - 100.00% of mass 443	12.13 (74.51)
442	40.00 - 110.00% of mass 198	82.00
443	17.00 - 23.00% of mass 442	16.29 (19.86)

Data File: x34589.d

Date: 26-FEB-2013 09:26

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34589.d
Spectrum: Average Spectrum: 5.287 to 5.298 min.
Location of Maximum: 198.00
Number of points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	283	112.00	227	180.00	1081	256.00	3709
37.00	133	113.00	44	181.00	508	257.00	288
38.00	279	116.00	292	182.00	72	258.00	1547
39.00	1500	117.00	5259	184.00	43	259.00	195
40.00	380	118.00	422	185.00	796	265.00	685
41.00	213	120.00	92	186.00	5889	266.00	125
43.00	125	122.00	428	187.00	1827	271.00	35
44.00	303	123.00	661	188.00	203	273.00	758
47.00	186	124.00	265	189.00	414	274.00	2112
48.00	77	125.00	216	191.00	256	275.00	11396
49.00	1031	126.00	72	192.00	565	276.00	1525
50.00	4732	127.00	22112	193.00	622	277.00	973
51.00	19008	128.00	1750	194.00	116	278.00	158
52.00	1008	129.00	8646	196.00	1266	281.00	47
53.00	39	130.00	780	197.00	239	283.00	153
55.00	179	131.00	184	198.00	42424	284.00	90
56.00	525	132.00	40	199.00	2880	285.00	166
57.00	1346	133.00	38	200.00	242	293.00	192
61.00	252	134.00	284	201.00	213	296.00	3364
62.00	296	135.00	713	203.00	323	297.00	492
63.00	834	136.00	323	204.00	1545	302.00	36
64.00	83	137.00	398	205.00	2667	303.00	414
65.00	388	138.00	33	206.00	10966	304.00	101
68.00	323	140.00	94	207.00	1792	314.00	130
69.00	18520	141.00	1094	208.00	403	315.00	418
70.00	137	142.00	387	209.00	167	316.00	215
73.00	301	143.00	234	210.00	321	321.00	89
74.00	1909	144.00	40	211.00	522	322.00	37
75.00	2999	145.00	35	215.00	130	323.00	1143
76.00	1064	146.00	182	216.00	262	324.00	220
77.00	21816	147.00	560	217.00	2904	327.00	239
78.00	1527	148.00	1289	218.00	396	328.00	80
79.00	1424	149.00	251	221.00	2266	332.00	80
80.00	1084	150.00	72	222.00	415	333.00	53
81.00	1552	151.00	234	223.00	712	334.00	720
82.00	378	153.00	388	224.00	6187	335.00	161
83.00	404	154.00	291	225.00	1434	341.00	119
84.00	806	155.00	672	226.00	137	346.00	295
85.00	310	156.00	927	227.00	2421	352.00	357
86.00	876	157.00	203	228.00	369	353.00	196

87.00	233	158.00	186	229.00	525	354.00	333
88.00	174	159.00	129	230.00	76	355.00	34
91.00	392	160.00	361	231.00	253	365.00	1500
92.00	402	161.00	513	234.00	137	366.00	236
93.00	2259	162.00	150	235.00	178	371.00	37
94.00	178	163.00	36	236.00	113	372.00	557
95.00	88	164.00	42	237.00	181	373.00	131
96.00	146	165.00	441	239.00	91	383.00	162
98.00	1677	166.00	307	240.00	71	402.00	205
99.00	1485	167.00	2327	241.00	137	403.00	329
100.00	107	168.00	1277	242.00	355	404.00	79
101.00	880	169.00	234	243.00	330	421.00	283
103.00	288	171.00	75	244.00	4936	422.00	268
104.00	509	172.00	231	245.00	621	423.00	1923
105.00	515	173.00	270	246.00	1046	424.00	463
106.00	164	174.00	427	247.00	229	441.00	5148
107.00	6317	175.00	834	249.00	125	442.00	34784
108.00	1051	176.00	314	252.00	49	443.00	6909
109.00	147	177.00	395	253.00	115	444.00	675
110.00	11565	178.00	148	254.00	109		
111.00	1838	179.00	1471	255.00	24080		

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34674.d
Report Date: 28-Feb-2013 01:03

TestAmerica

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34674.d
Lab Smp Id: DFTPP-1896725
Inj Date : 28-FEB-2013 00:48
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-1896725
Misc Info : 25 ppm bna 4625
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/BNADFTPP.m
Meth Date : 26-Dec-2012 08:27 ranav Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.263	5.700	-0.437	198	42045			0.00- 100.00	100.00
5.263	5.700	-0.437	51	18058			30.00- 60.00	42.95
5.263	5.700	-0.437	68	326			0.00- 2.00	1.83
5.263	5.700	-0.437	69	17842			0.00- 0.00	42.44
5.263	5.700	-0.437	70	44			0.00- 2.00	0.25
5.263	5.700	-0.437	127	21924			40.00- 60.00	52.14
5.263	5.700	-0.437	197	198			0.00- 1.00	0.47
5.263	5.700	-0.437	199	2713			5.00- 9.00	6.45
5.263	5.700	-0.437	275	11438			10.00- 30.00	27.20
5.263	5.700	-0.437	365	1549			1.00- 0.00	3.68
5.263	5.700	-0.437	441	5426			0.01- 100.00	80.74
5.263	5.700	-0.437	442	35972			40.00- 110.00	85.56
5.263	5.700	-0.437	443	6720			17.00- 23.00	18.68

Data File: x34674.d

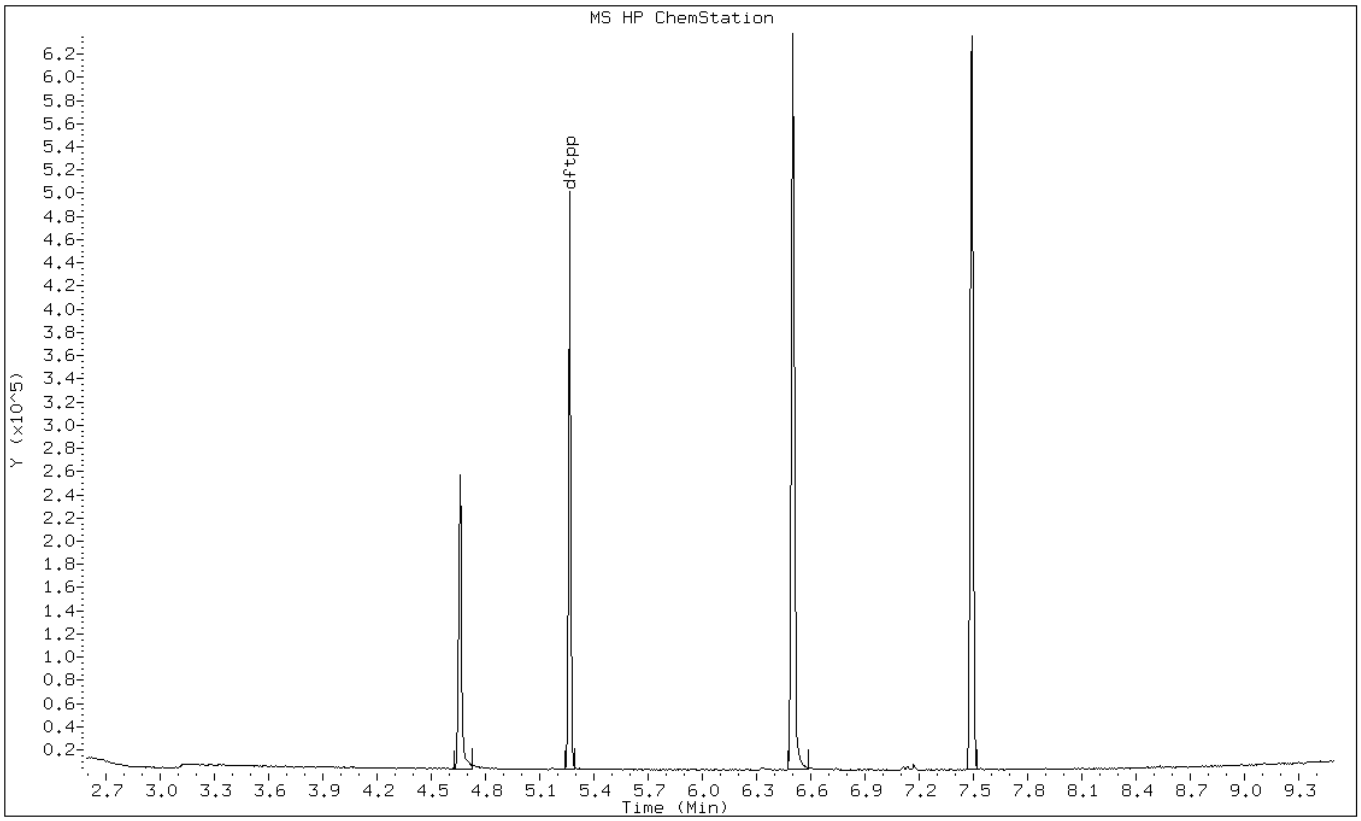
Date: 28-FEB-2013 00:48

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1896725

Operator: BNAMS3



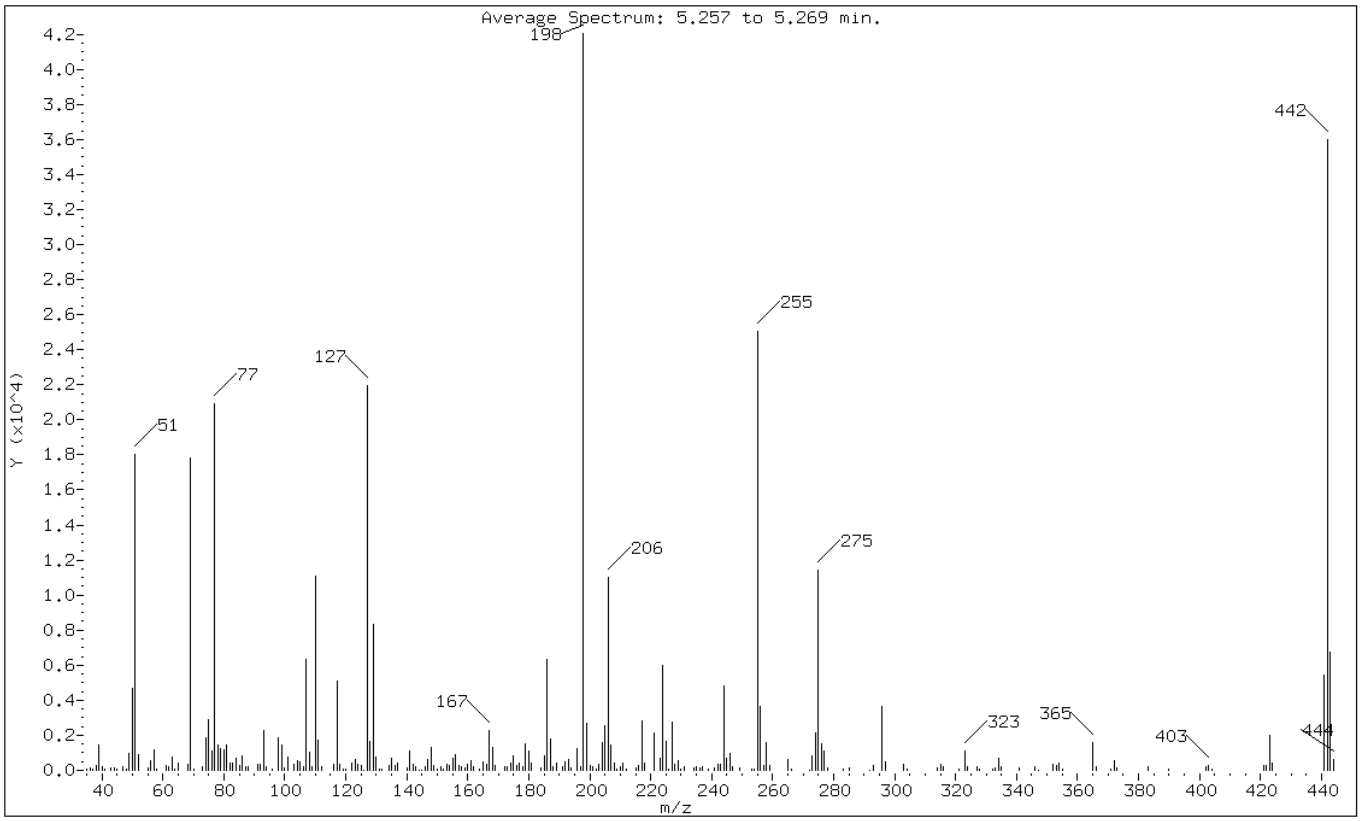
Data File: x34674.d

Date: 28-FEB-2013 00:48

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.95
68	Less than 2.00% of mass 69	0.78 (1.83)
69	Mass 69 relative abundance	42.44
70	Less than 2.00% of mass 69	0.10 (0.25)
127	40.00 - 60.00% of mass 198	52.14
197	Less than 1.00% of mass 198	0.47
199	5.00 - 9.00% of mass 198	6.45
275	10.00 - 30.00% of mass 198	27.20
365	Greater than 1.00% of mass 198	3.68
441	0.01 - 100.00% of mass 443	12.91 (80.74)
442	40.00 - 110.00% of mass 198	85.56
443	17.00 - 23.00% of mass 442	15.98 (18.68)

Data File: x34674.d

Date: 28-FEB-2013 00:48

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1896725 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34674.d
Spectrum: Average Spectrum: 5.257 to 5.269 min.
Location of Maximum: 198.00
Number of points: 237

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	53	110.00	11103	180.00	1120	257.00	278
36.00	136	111.00	1742	181.00	445	258.00	1577
37.00	90	112.00	223	184.00	140	259.00	305
38.00	286	116.00	375	185.00	855	265.00	644
39.00	1440	117.00	5102	186.00	6320	266.00	83
40.00	220	118.00	356	187.00	1778	272.00	34
41.00	97	119.00	39	188.00	177	273.00	793
43.00	144	120.00	44	189.00	413	274.00	2163
44.00	153	122.00	429	191.00	217	275.00	11438
45.00	37	123.00	590	192.00	468	276.00	1503
47.00	176	124.00	345	193.00	648	277.00	1088
48.00	77	125.00	269	194.00	152	278.00	132
49.00	972	126.00	34	196.00	1227	283.00	87
50.00	4695	127.00	21920	197.00	198	285.00	120
51.00	18056	128.00	1674	198.00	42040	292.00	33
52.00	875	129.00	8326	199.00	2713	293.00	242
55.00	147	130.00	726	200.00	245	296.00	3631
56.00	576	131.00	94	201.00	222	297.00	477
57.00	1189	132.00	41	202.00	53	303.00	374
58.00	35	134.00	257	203.00	310	304.00	94
61.00	253	135.00	687	204.00	1604	314.00	127
62.00	234	136.00	274	205.00	2564	315.00	347
63.00	740	137.00	388	206.00	10986	316.00	185
64.00	41	140.00	138	207.00	1448	321.00	98
65.00	395	141.00	1077	208.00	382	323.00	1108
68.00	326	142.00	352	209.00	96	324.00	192
69.00	17840	143.00	215	210.00	228	327.00	216
70.00	44	144.00	34	211.00	445	328.00	73
73.00	194	145.00	34	212.00	84	332.00	42
74.00	1849	146.00	201	215.00	123	333.00	124
75.00	2866	147.00	629	216.00	243	334.00	707
76.00	1098	148.00	1273	217.00	2821	335.00	179
77.00	20944	149.00	301	218.00	418	341.00	124
78.00	1476	150.00	43	221.00	2138	346.00	231
79.00	1228	151.00	179	223.00	710	347.00	34
80.00	1170	152.00	49	224.00	6008	352.00	340
81.00	1476	153.00	350	225.00	1643	353.00	273
82.00	385	154.00	304	226.00	64	354.00	400
83.00	382	155.00	716	227.00	2754	355.00	39
84.00	681	156.00	905	228.00	372	365.00	1549

85.00	309	157.00	255	229.00	578	366.00	217
86.00	811	158.00	212	230.00	47	371.00	97
87.00	231	159.00	150	231.00	237	372.00	571
88.00	180	160.00	336	234.00	148	373.00	140
91.00	357	161.00	549	235.00	188	383.00	177
92.00	369	162.00	194	236.00	122	390.00	35
93.00	2283	164.00	42	237.00	210	402.00	183
94.00	184	165.00	457	239.00	52	403.00	265
96.00	72	166.00	345	241.00	107	404.00	51
98.00	1836	167.00	2258	242.00	363	421.00	252
99.00	1427	168.00	1308	243.00	356	422.00	251
100.00	145	169.00	258	244.00	4815	423.00	2011
101.00	754	172.00	232	245.00	655	424.00	386
103.00	364	173.00	209	246.00	974	441.00	5426
104.00	556	174.00	426	247.00	200	442.00	35968
105.00	494	175.00	828	249.00	156	443.00	6720
106.00	198	176.00	287	253.00	91	444.00	605
107.00	6299	177.00	415	254.00	74		
108.00	1046	178.00	177	255.00	25032		
109.00	192	179.00	1541	256.00	3645		

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34701.d
Report Date: 28-Feb-2013 12:42

TestAmerica

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34701.d
Lab Smp Id: DFTPP-1896725
Inj Date : 28-FEB-2013 12:36
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1896725
Misc Info : 25 ppm bna 4625
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/BNADFTPP.m
Meth Date : 26-Dec-2012 08:27 ranav Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

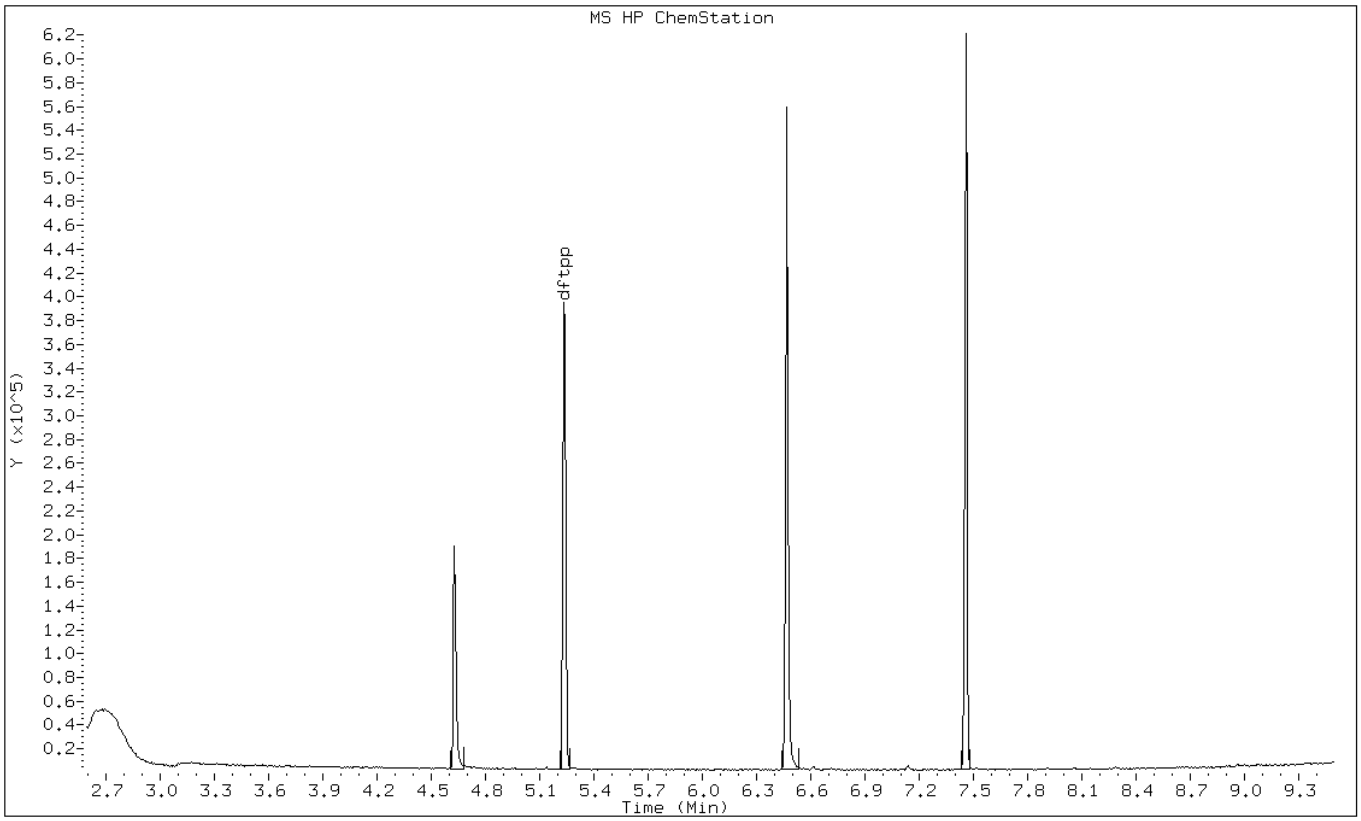
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.234	5.700	-0.466	198	33002			0.00- 100.00	100.00
5.234	5.700	-0.466	51	13762			30.00- 60.00	41.70
5.234	5.700	-0.466	68	264			0.00- 2.00	1.90
5.234	5.700	-0.466	69	13904			0.00- 0.00	42.13
5.234	5.700	-0.466	70	71			0.00- 2.00	0.51
5.234	5.700	-0.466	127	17451			40.00- 60.00	52.88
5.234	5.700	-0.466	197	91			0.00- 1.00	0.28
5.234	5.700	-0.466	199	2305			5.00- 9.00	6.98
5.234	5.700	-0.466	275	9228			10.00- 30.00	27.96
5.234	5.700	-0.466	365	1452			1.00- 0.00	4.40
5.234	5.700	-0.466	441	4195			0.01- 100.00	71.89
5.234	5.700	-0.466	442	29222			40.00- 110.00	88.55
5.234	5.700	-0.466	443	5835			17.00- 23.00	19.97

Data File: x34701.d

Date: 28-FEB-2013 12:36

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1896725 Operator: BNA2



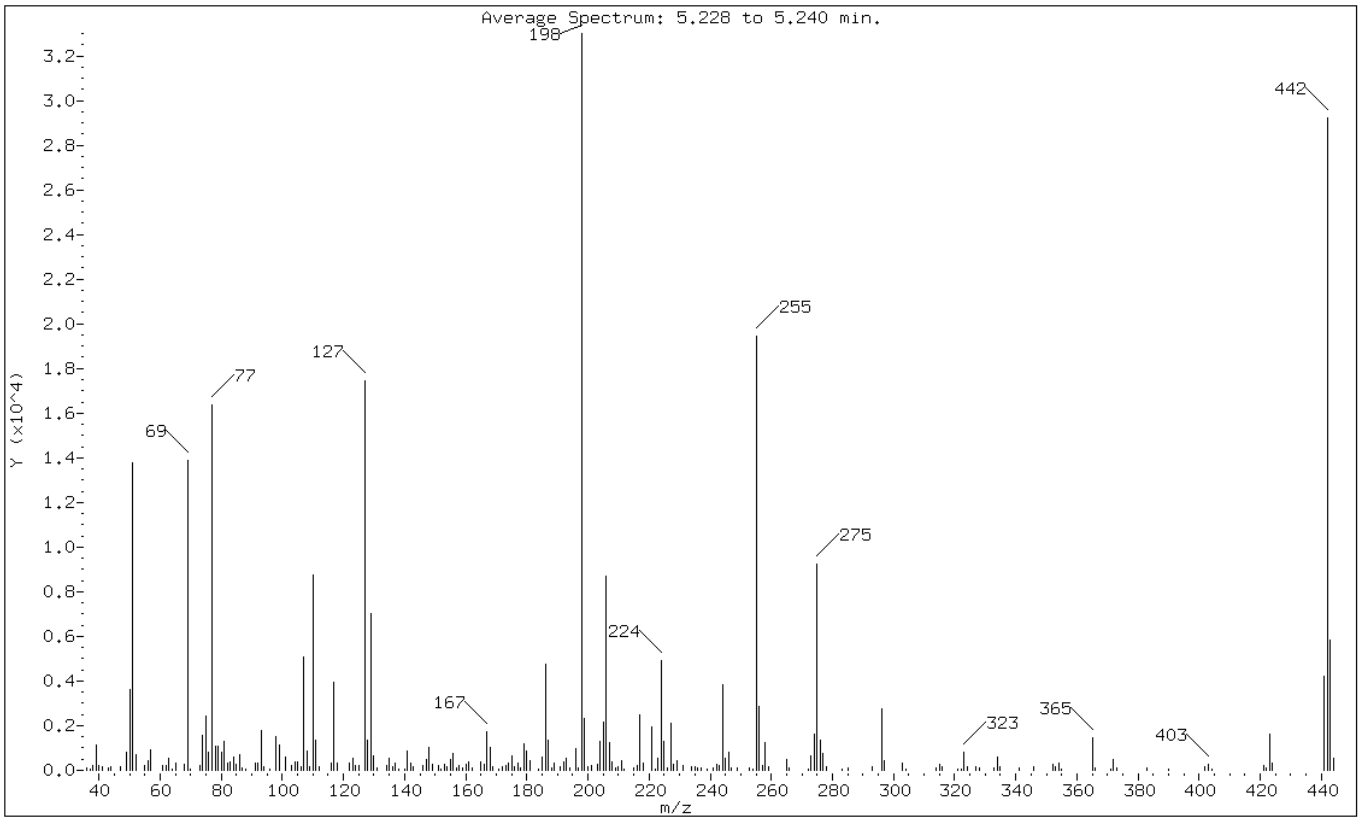
Data File: x34701.d

Date: 28-FEB-2013 12:36

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1896725 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.70
68	Less than 2.00% of mass 69	0.80 (1.90)
69	Mass 69 relative abundance	42.13
70	Less than 2.00% of mass 69	0.22 (0.51)
127	40.00 - 60.00% of mass 198	52.88
197	Less than 1.00% of mass 198	0.28
199	5.00 - 9.00% of mass 198	6.98
275	10.00 - 30.00% of mass 198	27.96
365	Greater than 1.00% of mass 198	4.40
441	0.01 - 100.00% of mass 443	12.71 (71.89)
442	40.00 - 110.00% of mass 198	88.55
443	17.00 - 23.00% of mass 442	17.68 (19.97)

Data File: x34701.d

Date: 28-FEB-2013 12:36

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-1896725 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34701.d
Spectrum: Average Spectrum: 5.228 to 5.240 min.
Location of Maximum: 198.00
Number of points: 223

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	93	111.00	1361	185.00	576	257.00	242
37.00	70	112.00	165	186.00	4741	258.00	1265
38.00	197	116.00	322	187.00	1370	259.00	150
39.00	1160	117.00	3967	188.00	102	265.00	474
40.00	210	118.00	329	189.00	303	266.00	96
41.00	185	122.00	318	191.00	140	272.00	42
43.00	122	123.00	559	192.00	405	273.00	631
44.00	157	124.00	230	193.00	516	274.00	1600
47.00	167	125.00	232	194.00	99	275.00	9228
49.00	802	127.00	17448	196.00	964	276.00	1332
50.00	3592	128.00	1374	197.00	91	277.00	742
51.00	13762	129.00	7038	198.00	33000	278.00	145
52.00	686	130.00	626	199.00	2305	283.00	74
55.00	190	131.00	103	200.00	185	285.00	117
56.00	422	134.00	234	201.00	227	293.00	167
57.00	920	135.00	556	203.00	247	296.00	2768
61.00	198	136.00	176	204.00	1297	297.00	437
62.00	237	137.00	340	205.00	2157	303.00	336
63.00	559	138.00	39	206.00	8673	304.00	47
64.00	51	140.00	50	207.00	1255	314.00	97
65.00	314	141.00	890	208.00	358	315.00	252
68.00	264	142.00	320	209.00	96	316.00	155
69.00	13904	143.00	183	210.00	183	321.00	56
70.00	71	146.00	208	211.00	429	322.00	36
73.00	194	147.00	467	212.00	39	323.00	830
74.00	1553	148.00	1005	215.00	83	324.00	150
75.00	2447	149.00	258	216.00	225	327.00	151
76.00	808	151.00	216	217.00	2460	328.00	106
77.00	16373	152.00	44	218.00	331	333.00	84
78.00	1096	153.00	260	221.00	1945	334.00	577
79.00	1060	154.00	167	222.00	45	335.00	179
80.00	808	155.00	463	223.00	544	341.00	93
81.00	1280	156.00	778	224.00	4939	346.00	165
82.00	312	157.00	133	225.00	1311	352.00	244
83.00	393	158.00	214	226.00	107	353.00	143
84.00	609	159.00	125	227.00	2119	354.00	300
85.00	265	160.00	297	228.00	279	355.00	36
86.00	693	161.00	385	229.00	437	365.00	1452
87.00	121	162.00	129	231.00	196	366.00	126
88.00	73	165.00	363	234.00	143	371.00	39

91.00	318	166.00	246	235.00	151	372.00	499
92.00	317	167.00	1748	236.00	115	373.00	100
93.00	1794	168.00	1010	237.00	133	383.00	84
94.00	151	169.00	152	239.00	81	390.00	76
96.00	45	171.00	43	241.00	105	402.00	182
98.00	1531	172.00	151	242.00	286	403.00	287
99.00	1142	173.00	226	243.00	242	404.00	50
101.00	571	174.00	349	244.00	3827	421.00	209
103.00	194	175.00	665	245.00	563	422.00	95
104.00	375	176.00	159	246.00	819	423.00	1639
105.00	383	177.00	344	247.00	127	424.00	338
106.00	142	178.00	100	249.00	91	441.00	4195
107.00	5062	179.00	1198	253.00	83	442.00	29216
108.00	860	180.00	870	254.00	72	443.00	5835
109.00	186	181.00	416	255.00	19448	444.00	562
110.00	8774	184.00	76	256.00	2855		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-148840/1-A

Matrix: Water | Lab File ID: x34677.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1000(mL) | Date Analyzed: 02/28/2013 02:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	2.0
108-95-2	Phenol	10	U	10	0.81
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	2.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
100-02-7	4-Nitrophenol	30	U	30	6.7
132-64-9	Dibenzofuran	10	U	10	2.8
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-148840/1-A

Matrix: Water | Lab File ID: x34677.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1000(mL) | Date Analyzed: 02/28/2013 02:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
86-73-7	Fluorene	10	U	10	2.8
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
1912-24-9	Atrazine	10	U	10	3.0
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	3.2
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
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	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
92-52-4	Diphenyl	10	U	10	2.8
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-148840/1-A

Matrix: Water | Lab File ID: x34677.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1000(mL) | Date Analyzed: 02/28/2013 02:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	56		10-65
321-60-8	2-Fluorobiphenyl	87		53-108
4165-62-2	Phenol-d5	41		10-48
4165-60-0	Nitrobenzene-d5	92		56-112
118-79-6	2,4,6-Tribromophenol	98		46-122
1718-51-0	Terphenyl-d14	93		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34677.d
Report Date: 28-Feb-2013 10:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34677.d
Lab Smp Id: MB 460-148840/1-A
Inj Date : 28-FEB-2013 02:01
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-148840/1-A
Misc Info : MB 460-148840/1-A
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/8270C_11.m
Meth Date : 28-Feb-2013 01:27 asfawa Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106 1,4-Dioxane	88	1.439	1.415	(0.361)	1328	0.13805	0.28(a)
$ 16 2-Fluorophenol (SUR)	112	2.721	2.727	(0.683)	671259	27.9148	56
$ 17 Phenol-d5 (SUR)	99	3.633	3.656	(0.911)	569558	20.6906	41
* 79 1,4-Dichlorobenzene-d4	152	3.986	3.986	(1.000)	707687	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.545	4.556	(0.863)	1095930	46.0774	92
* 80 Naphthalene-d8	136	5.268	5.274	(1.000)	2485766	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.362	6.368	(0.906)	1851172	43.3581	87
* 82 Acenaphthene-d10	164	7.021	7.027	(1.000)	1159488	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.797	7.803	(1.111)	223997	49.0211	98
* 83 Phenanthrene-d10	188	8.474	8.479	(1.000)	1424726	40.0000	
$ 78 Terphenyl-d14	244	10.044	10.044	(0.900)	990292	46.6407	93
* 81 Chrysene-d12	240	11.156	11.168	(1.000)	691852	40.0000	
* 84 Perylene-d12	264	12.979	12.985	(1.000)	528425	40.0000	

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34677.d
Report Date: 28-Feb-2013 10:18

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x34677.d

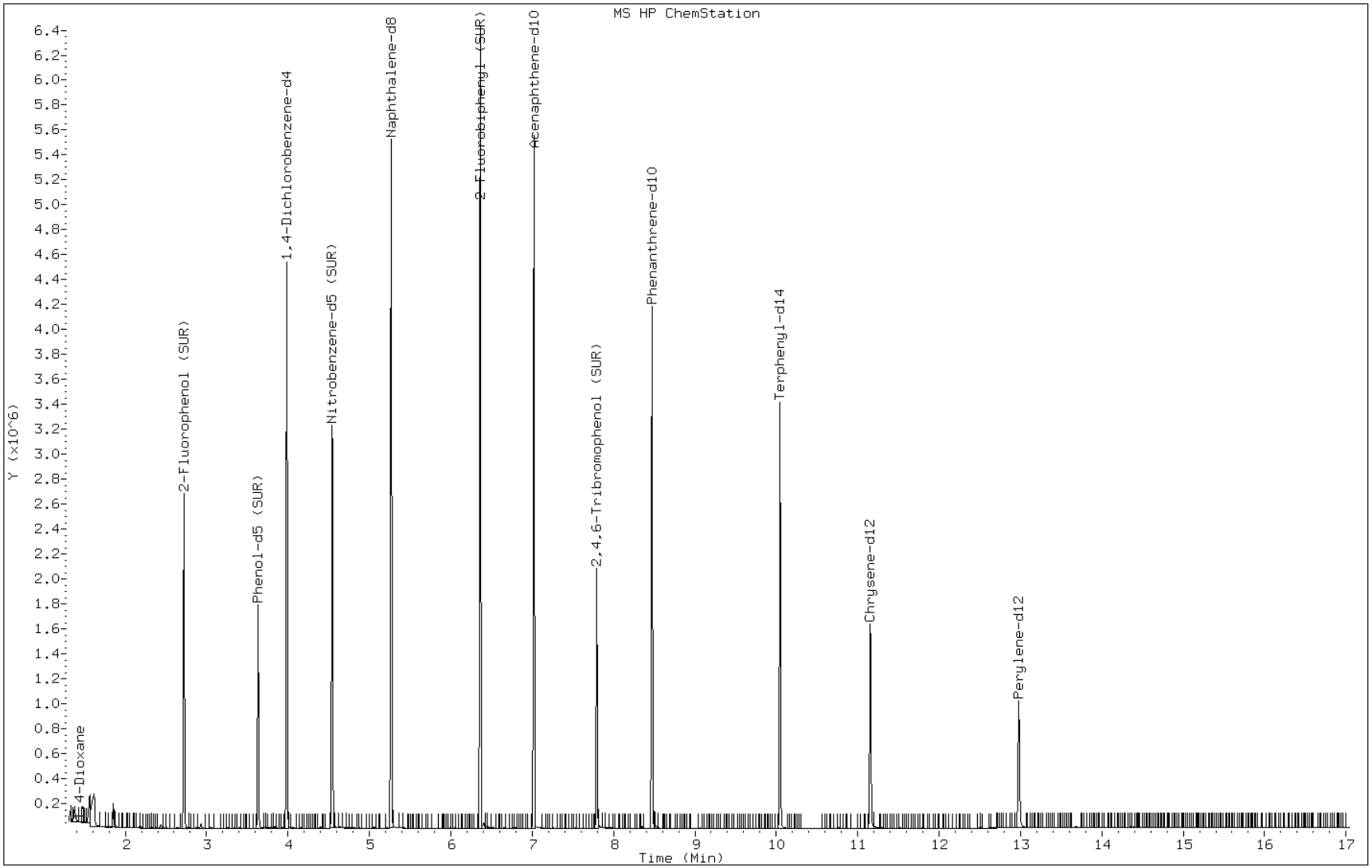
Date: 28-FEB-2013 02:01

Client ID:

Instrument: BNAMS5.i

Sample Info: MB 460-148840/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-149066/1-A

Matrix: Water | Lab File ID: z19197.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 08:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	2.0
108-95-2	Phenol	10	U	10	0.81
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
95-57-8	2-Chlorophenol	10	U	10	2.2
95-48-7	2-Methylphenol	10	U	10	1.8
98-86-2	Acetophenone	10	U	10	2.7
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
91-20-3	Naphthalene	10	U	10	2.7
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
105-60-2	Caprolactam	10	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
91-57-6	2-Methylnaphthalene	10	U	10	3.0
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
91-58-7	2-Chloronaphthalene	10	U	10	2.7
88-74-4	2-Nitroaniline	20	U	20	4.9
131-11-3	Dimethyl phthalate	10	U	10	2.8
208-96-8	Acenaphthylene	10	U	10	2.7
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
99-09-2	3-Nitroaniline	20	U	20	5.0
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
100-02-7	4-Nitrophenol	30	U	30	6.7
132-64-9	Dibenzofuran	10	U	10	2.8
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-149066/1-A

Matrix: Water | Lab File ID: z19197.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 08:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	10	U	10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
86-73-7	Fluorene	10	U	10	2.8
100-01-6	4-Nitroaniline	20	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
1912-24-9	Atrazine	10	U	10	3.0
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	3.2
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
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	0.15
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0
92-52-4	Diphenyl	10	U	10	2.8
106-44-5	4-Methylphenol	10	U	10	1.6
108-60-1	bis (2-chloroisopropyl) ether	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-149066/1-A

Matrix: Water | Lab File ID: z19197.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 08:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	34		10-65
321-60-8	2-Fluorobiphenyl	96		53-108
4165-62-2	Phenol-d5	23		10-48
4165-60-0	Nitrobenzene-d5	99		56-112
118-79-6	2,4,6-Tribromophenol	92		46-122
1718-51-0	Terphenyl-d14	100		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19197.d
Report Date: 01-Mar-2013 11:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19197.d
Lab Smp Id: MB 460-149066/1-A
Inj Date : 01-MAR-2013 08:08
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-149066/1-A
Misc Info : MB 460-149066/1-A
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 12 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.979	2.979	(0.701)	154801	17.0565	34
$ 17 Phenol-d5 (SUR)	99	3.885	3.914	(0.914)	117485	11.2961	22
* 79 1,4-Dichlorobenzene-d4	152	4.249	4.255	(1.000)	245539	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.808	4.820	(0.869)	456021	49.5018	99
* 80 Naphthalene-d8	136	5.532	5.538	(1.000)	936019	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.909)	794065	48.1469	96
* 82 Acenaphthene-d10	164	7.284	7.296	(1.000)	465630	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.067	8.073	(1.107)	85462	46.2190	92
* 83 Phenanthrene-d10	188	8.749	8.755	(1.000)	568451	40.0000	
$ 78 Terphenyl-d14	244	10.325	10.326	(0.898)	356762	50.0903	100
* 81 Chrysene-d12	240	11.496	11.508	(1.000)	207654	40.0000	
* 84 Perylene-d12	264	13.402	13.408	(1.000)	131803	40.0000	

Data File: z19197.d

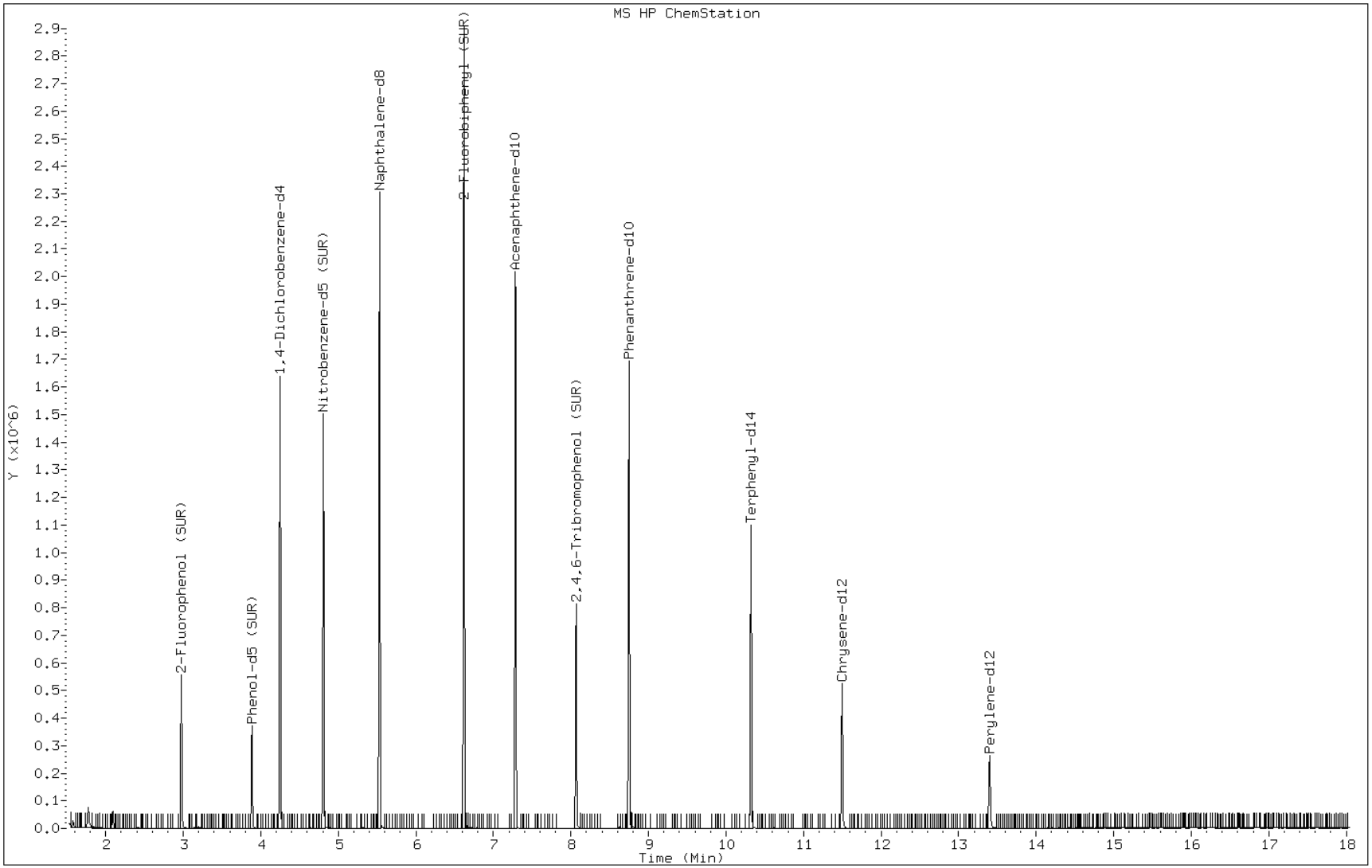
Date: 01-MAR-2013 08:08

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-149066/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-148840/2-A

Matrix: Water | Lab File ID: x34676.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1000(mL) | Date Analyzed: 02/28/2013 01:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	148		10	2.0
108-95-2	Phenol	33.3		10	0.81
111-44-4	Bis(2-chloroethyl)ether	80.7		1.0	0.28
95-57-8	2-Chlorophenol	73.5		10	2.2
95-48-7	2-Methylphenol	64.4		10	1.8
98-86-2	Acetophenone	77.3		10	2.7
621-64-7	N-Nitrosodi-n-propylamine	73.5		1.0	0.25
67-72-1	Hexachloroethane	72.1		1.0	0.25
98-95-3	Nitrobenzene	72.0		1.0	0.30
78-59-1	Isophorone	71.9		10	2.7
88-75-5	2-Nitrophenol	77.9		10	2.4
105-67-9	2,4-Dimethylphenol	73.2		10	3.4
111-91-1	Bis(2-chloroethoxy)methane	75.9		10	2.6
120-83-2	2,4-Dichlorophenol	78.8		10	2.6
91-20-3	Naphthalene	73.1		10	2.7
106-47-8	4-Chloroaniline	76.3		10	2.0
87-68-3	Hexachlorobutadiene	70.2		2.0	0.57
105-60-2	Caprolactam	23.2		10	2.5
59-50-7	4-Chloro-3-methylphenol	77.3		10	2.5
91-57-6	2-Methylnaphthalene	74.7		10	3.0
77-47-4	Hexachlorocyclopentadiene	61.2		10	1.7
88-06-2	2,4,6-Trichlorophenol	78.4		10	2.4
95-95-4	2,4,5-Trichlorophenol	81.1		10	2.6
91-58-7	2-Chloronaphthalene	75.1		10	2.7
88-74-4	2-Nitroaniline	72.4		20	4.9
131-11-3	Dimethyl phthalate	80.6		10	2.8
208-96-8	Acenaphthylene	76.2		10	2.7
606-20-2	2,6-Dinitrotoluene	82.4		2.0	0.61
99-09-2	3-Nitroaniline	84.3		20	5.0
83-32-9	Acenaphthene	78.2		10	2.7
51-28-5	2,4-Dinitrophenol	96.9		30	5.4
100-02-7	4-Nitrophenol	31.2		30	6.7
132-64-9	Dibenzofuran	75.8		10	2.8
121-14-2	2,4-Dinitrotoluene	82.4		2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-148840/2-A

Matrix: Water | Lab File ID: x34676.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1000(mL) | Date Analyzed: 02/28/2013 01:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	80.2		10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	79.3		10	2.5
86-73-7	Fluorene	78.4		10	2.8
100-01-6	4-Nitroaniline	84.0		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	95.4		30	4.7
86-30-6	N-Nitrosodiphenylamine	82.5		10	2.9
101-55-3	4-Bromophenyl phenyl ether	77.8		10	2.5
118-74-1	Hexachlorobenzene	76.2		1.0	0.29
1912-24-9	Atrazine	69.9		10	3.0
87-86-5	Pentachlorophenol	79.5		30	5.3
85-01-8	Phenanthrene	77.4		10	3.1
120-12-7	Anthracene	77.3		10	2.8
86-74-8	Carbazole	80.9		10	3.2
84-74-2	Di-n-butyl phthalate	79.9		10	2.9
206-44-0	Fluoranthene	80.4		10	3.2
129-00-0	Pyrene	75.2		10	2.9
85-68-7	Butyl benzyl phthalate	79.6		10	2.5
91-94-1	3,3'-Dichlorobenzidine	91.3		20	4.9
56-55-3	Benzo[a]anthracene	74.0		1.0	0.27
218-01-9	Chrysene	78.1		10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	78.5		10	2.0
117-84-0	Di-n-octyl phthalate	76.8		10	1.5
205-99-2	Benzo[b]fluoranthene	73.5		1.0	0.26
207-08-9	Benzo[k]fluoranthene	74.8		1.0	0.26
50-32-8	Benzo[a]pyrene	78.4		1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	75.4		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	72.4		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	79.1		10	2.0
92-52-4	Diphenyl	77.7		10	2.8
106-44-5	4-Methylphenol	60.1		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	67.8		10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-148840/2-A

Matrix: Water | Lab File ID: x34676.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1000(mL) | Date Analyzed: 02/28/2013 01:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	43		10-65
321-60-8	2-Fluorobiphenyl	71		53-108
4165-62-2	Phenol-d5	29		10-48
4165-60-0	Nitrobenzene-d5	72		56-112
118-79-6	2,4,6-Tribromophenol	81		46-122
1718-51-0	Terphenyl-d14	70		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34676.d
Report Date: 28-Feb-2013 12:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34676.d
Lab Smp Id: LCS 460-148840/2-A
Inj Date : 28-FEB-2013 01:37
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-148840/2-A
Misc Info : LCS 460-148840/2-A
Comment :
Method : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/8270C_11.m
Meth Date : 28-Feb-2013 01:27 asfawa Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.427	1.415	(0.358)	239061	22.1140	44
	19 N-Nitrosodimethylamine	74	1.639	1.633	(0.411)	364078	23.4921	47
	71 Pyridine	79	1.662	1.656	(0.417)	540416	19.4671	39
$	16 2-Fluorophenol (SUR)	112	2.721	2.727	(0.683)	583444	21.5902	43
	110 Benzaldehyde	77	3.545	3.539	(0.889)	760878	74.0888	150
	73 Aniline	93	3.656	3.662	(0.917)	1023475	27.6887	55
$	17 Phenol-d5 (SUR)	99	3.644	3.656	(0.914)	450716	14.5697	29
	1 Phenol	94	3.656	3.668	(0.917)	558453	16.6561	33
	20 bis(2-Chloroethyl)ether	93	3.727	3.733	(0.935)	965406	40.3305	81
	2 2-Chlorophenol	128	3.780	3.786	(0.948)	1036860	36.7687	74
	113 n-decane	43	3.839	3.844	(0.963)	747862	30.0342	60(R)
	21 1,3-Dichlorobenzene	146	3.933	3.933	(0.987)	1172656	35.4186	71
*	79 1,4-Dichlorobenzene-d4	152	3.986	3.986	(1.000)	795294	40.0000	
	22 1,4-Dichlorobenzene	146	4.003	4.003	(1.004)	1175491	35.4294	71
	74 Benzyl Alcohol	108	4.139	4.144	(1.038)	541957	33.2012	66

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34676.d
Report Date: 28-Feb-2013 12:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
23	1,2-Dichlorobenzene	146	4.156	4.156	(1.043)	1086435	35.6391	71
24	bis (2-chloroisopropyl) ether	45	4.274	4.274	(1.072)	911268	33.8860	68(R)
3	2-Methylphenol	108	4.268	4.274	(1.071)	721534	32.2167	64
104	Acetophenone	105	4.403	4.409	(1.105)	1244728	38.6281	77
25	N-Nitroso-di-n-propylamine	70	4.421	4.421	(1.109)	596425	36.7453	73
4	4-Methylphenol	108	4.427	4.433	(1.111)	660736	30.0451	60
123	3 & 4 Methylphenol	108	4.427	4.433	(1.111)	660736	30.0206	60
26	Hexachloroethane	117	4.497	4.497	(1.128)	441608	36.0397	72
$ 76	Nitrobenzene-d5 (SUR)	82	4.556	4.556	(0.864)	954590	36.0767	72
27	Nitrobenzene	77	4.580	4.580	(0.868)	1269228	35.9911	72
107	N,N-Dimethylaniline	120	4.580	4.580	(1.149)	1260236	34.2453	68
28	Isophorone	82	4.821	4.821	(0.914)	1460127	35.9738	72
5	2-Nitrophenol	139	4.897	4.897	(0.929)	521759	38.9584	78
6	2,4-Dimethylphenol	122	4.962	4.962	(0.941)	780839	36.5764	73
29	bis(2-Chloroethoxy)methane	93	5.050	5.050	(0.958)	976921	37.9343	76
15	Benzoic Acid	122	5.021	5.121	(0.952)	15336	2.19012	4.4(aRH)
7	2,4-Dichlorophenol	162	5.150	5.150	(0.977)	760157	39.4219	79
30	1,2,4-Trichlorobenzene	180	5.221	5.221	(0.990)	852430	36.4839	73
* 80	Naphthalene-d8	136	5.274	5.274	(1.000)	2765381	40.0000	
31	Naphthalene	128	5.297	5.297	(1.004)	2661025	36.5265	73
32	4-Chloroaniline	127	5.362	5.362	(1.017)	943464	38.1497	76
33	Hexachlorobutadiene	225	5.433	5.433	(1.030)	493253	35.1014	70
111	Caprolactam	113	5.727	5.744	(1.086)	51484	11.6050	23
8	4-Chloro-3-methylphenol	107	5.874	5.880	(1.114)	673496	38.6264	77
34	2-Methylnaphthalene	142	5.991	5.991	(1.136)	1667766	37.3595	75
120	1-Methylnaphthalene	142	6.091	6.091	(1.155)	1535589	34.1664	68
35	Hexachlorocyclopentadiene	237	6.162	6.162	(0.877)	417011	30.5964	61
129	1,2,4,5-Tetrachlorobenzene	216	6.168	6.168	(0.878)	739837	34.3062	69(R)
9	2,4,6-Trichlorophenol	196	6.286	6.285	(0.895)	491709	39.1831	78
10	2,4,5-Trichlorophenol	196	6.327	6.327	(0.900)	490074	40.5310	81
$ 77	2-Fluorobiphenyl (SUR)	172	6.368	6.368	(0.906)	1650107	35.5078	71
102	Diphenyl	154	6.462	6.462	(0.920)	1960026	38.8592	78
36	2-Chloronaphthalene	162	6.474	6.474	(0.921)	1470091	37.5682	75
103	Diphenyl Ether	170	6.568	6.568	(0.935)	1043776	37.6371	75
37	2-Nitroaniline	65	6.585	6.585	(0.937)	393052	36.1966	72(R)
38	Dimethylphthalate	163	6.780	6.780	(0.965)	1435105	40.3063	81
40	2,6-Dinitrotoluene	165	6.833	6.832	(0.972)	333109	41.1896	82
39	Acenaphthylene	152	6.885	6.885	(0.980)	2217760	38.0808	76
41	3-Nitroaniline	138	6.997	6.997	(0.996)	324089	42.1323	84
* 82	Acenaphthene-d10	164	7.027	7.027	(1.000)	1262055	40.0000	
42	Acenaphthene	154	7.056	7.056	(1.004)	1321895	39.0947	78
11	2,4-Dinitrophenol	184	7.097	7.097	(1.010)	119308	48.4488	97
12	4-Nitrophenol	65	7.185	7.185	(1.023)	77648	15.6194	31
43	Dibenzofuran	168	7.227	7.227	(1.028)	1842371	37.9030	76
44	2,4-Dinitrotoluene	165	7.227	7.227	(1.028)	390566	41.2150	82
130	2,3,4,6-Tetrachlorophenol	232	7.356	7.356	(1.047)	311153	38.8502	78
45	Diethylphthalate	149	7.474	7.474	(1.064)	1336850	40.1169	80

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34676.d
Report Date: 28-Feb-2013 12:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
47	Fluorene	166	7.562	7.562	(1.076)	1502611	39.2136	78
46	4-Chlorophenyl-phenylether	204	7.568	7.568	(1.077)	723018	39.6594	79
48	4-Nitroaniline	138	7.603	7.597	(1.082)	259802	41.9863	84
13	4,6-Dinitro-2-methylphenol	198	7.627	7.627	(0.899)	185401	47.6766	95
49	N-Nitrosodiphenylamine	169	7.691	7.691	(0.907)	986244	41.2598	82
75	1,2-Diphenylhydrazine	77	7.727	7.727	(0.911)	1327516	32.0186	64(R)
$ 18	2,4,6-Tribromophenol (SUR)	330	7.803	7.803	(1.110)	200821	40.3773	81
50	4-Bromophenyl-phenylether	248	8.044	8.044	(0.949)	393319	38.8798	78
51	Hexachlorobenzene	284	8.109	8.109	(0.956)	401579	38.1163	76
112	Atrazine	200	8.227	8.227	(0.970)	264658	34.9483	70
14	Pentachlorophenol	266	8.303	8.309	(0.979)	214980	39.7713	80
115	n-Octadecane	57	8.403	8.403	(0.991)	726906	34.9078	70(R)
* 83	Phenanthrene-d10	188	8.479	8.479	(1.000)	1524239	40.0000	
52	Phenanthrene	178	8.503	8.503	(1.003)	1690915	38.6839	77
53	Anthracene	178	8.550	8.550	(1.008)	1697756	38.6561	77
54	Carbazole	167	8.715	8.715	(1.028)	1350344	40.4707	81
55	Di-n-butylphthalate	149	9.068	9.074	(1.069)	1646055	39.9327	80
56	Fluoranthene	202	9.662	9.662	(1.139)	1433029	40.1867	80
58	Benzidine	184	9.803	9.803	(1.156)	72114	19.2299	38
57	Pyrene	202	9.885	9.885	(0.885)	1385169	37.6158	75
$ 78	Terphenyl-d14	244	10.044	10.044	(0.899)	866986	35.1545	70
59	Butylbenzylphthalate	149	10.556	10.556	(0.945)	512279	39.8046	80
60	3,3'-Dichlorobenzidine	252	11.132	11.138	(0.997)	285904	45.6564	91
61	Benzo(a)anthracene	228	11.150	11.156	(0.998)	942305	37.0124	74
* 81	Chrysene-d12	240	11.168	11.168	(1.000)	803612	40.0000	
62	Chrysene	228	11.197	11.197	(1.003)	877902	39.0454	78
63	bis(2-Ethylhexyl)phthalate	149	11.220	11.220	(1.005)	638697	39.2465	78
64	Di-n-octylphthalate	149	12.032	12.032	(0.927)	901172	38.4050	77
65	Benzo(b)fluoranthene	252	12.485	12.485	(0.961)	703910	36.7277	73
66	Benzo(k)fluoranthene	252	12.520	12.520	(0.964)	757055	37.3977	75
67	Benzo(a)pyrene	252	12.909	12.909	(0.994)	601753	39.2031	78
* 84	Perylene-d12	264	12.985	12.985	(1.000)	638104	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	14.385	14.391	(1.108)	562103	37.6945	75
69	Dibenz(a,h)anthracene	278	14.420	14.426	(1.111)	605736	36.1938	72
70	Benzo(g,h,i)perylene	276	14.756	14.756	(1.136)	616697	39.5352	79

QC Flag Legend

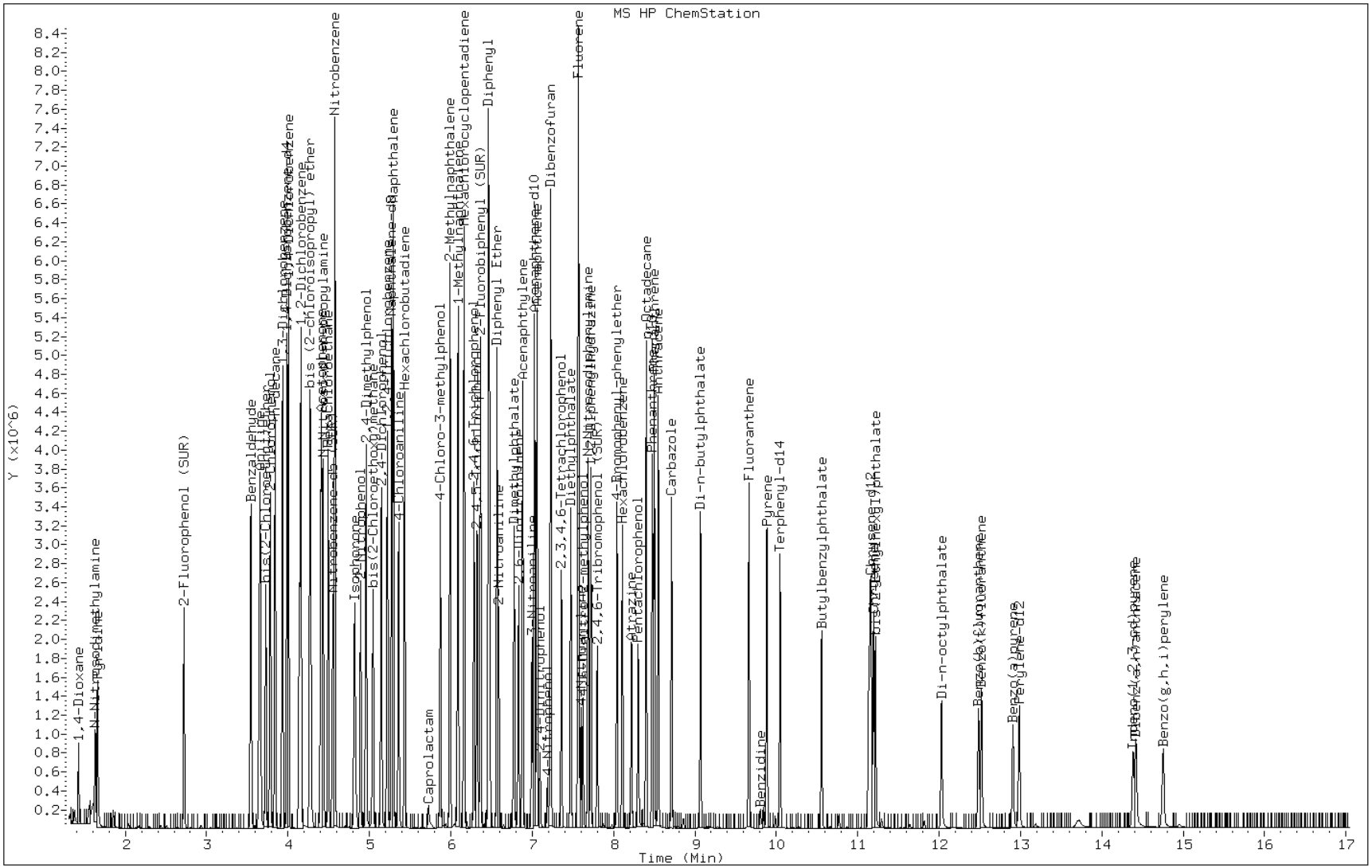
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x34676.d

Date: 28-FEB-2013 01:37

Client ID: Instrument: BNAMS5.i

Sample Info: LCS 460-148840/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-149066/2-A

Matrix: Water | Lab File ID: z19208.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 12:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	203		10	2.0
108-95-2	Phenol	25.9		10	0.81
111-44-4	Bis(2-chloroethyl)ether	86.8		1.0	0.28
95-57-8	2-Chlorophenol	81.0		10	2.2
95-48-7	2-Methylphenol	65.4		10	1.8
98-86-2	Acetophenone	100		10	2.7
621-64-7	N-Nitrosodi-n-propylamine	99.9		1.0	0.25
67-72-1	Hexachloroethane	94.2		1.0	0.25
98-95-3	Nitrobenzene	99.3		1.0	0.30
78-59-1	Isophorone	88.8		10	2.7
88-75-5	2-Nitrophenol	91.7		10	2.4
105-67-9	2,4-Dimethylphenol	85.8		10	3.4
111-91-1	Bis(2-chloroethoxy)methane	92.0		10	2.6
120-83-2	2,4-Dichlorophenol	94.1		10	2.6
91-20-3	Naphthalene	95.5		10	2.7
106-47-8	4-Chloroaniline	89.4		10	2.0
87-68-3	Hexachlorobutadiene	94.8		2.0	0.57
105-60-2	Caprolactam	12.8		10	2.5
59-50-7	4-Chloro-3-methylphenol	90.7		10	2.5
91-57-6	2-Methylnaphthalene	95.5		10	3.0
77-47-4	Hexachlorocyclopentadiene	84.5		10	1.7
88-06-2	2,4,6-Trichlorophenol	94.4		10	2.4
95-95-4	2,4,5-Trichlorophenol	95.1		10	2.6
91-58-7	2-Chloronaphthalene	93.6		10	2.7
88-74-4	2-Nitroaniline	86.6		20	4.9
131-11-3	Dimethyl phthalate	95.0		10	2.8
208-96-8	Acenaphthylene	93.8		10	2.7
606-20-2	2,6-Dinitrotoluene	92.8		2.0	0.61
99-09-2	3-Nitroaniline	89.5		20	5.0
83-32-9	Acenaphthene	91.7		10	2.7
51-28-5	2,4-Dinitrophenol	79.6		30	5.4
100-02-7	4-Nitrophenol	20.4	J	30	6.7
132-64-9	Dibenzofuran	93.7		10	2.8
121-14-2	2,4-Dinitrotoluene	93.6		2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-149066/2-A

Matrix: Water | Lab File ID: z19208.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 12:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	97.9		10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	96.6		10	2.5
86-73-7	Fluorene	97.6		10	2.8
100-01-6	4-Nitroaniline	82.3		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	95.5		30	4.7
86-30-6	N-Nitrosodiphenylamine	101		10	2.9
101-55-3	4-Bromophenyl phenyl ether	101		10	2.5
118-74-1	Hexachlorobenzene	98.8		1.0	0.29
1912-24-9	Atrazine	84.0		10	3.0
87-86-5	Pentachlorophenol	98.4		30	5.3
85-01-8	Phenanthrene	97.9		10	3.1
120-12-7	Anthracene	96.9		10	2.8
86-74-8	Carbazole	97.4		10	3.2
84-74-2	Di-n-butyl phthalate	103		10	2.9
206-44-0	Fluoranthene	98.9		10	3.2
129-00-0	Pyrene	80.2		10	2.9
85-68-7	Butyl benzyl phthalate	93.7		10	2.5
91-94-1	3,3'-Dichlorobenzidine	123		20	4.9
56-55-3	Benzo[a]anthracene	90.7		1.0	0.27
218-01-9	Chrysene	91.4		10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	98.7		10	2.0
117-84-0	Di-n-octyl phthalate	86.7		10	1.5
205-99-2	Benzo[b]fluoranthene	94.5		1.0	0.26
207-08-9	Benzo[k]fluoranthene	97.2		1.0	0.26
50-32-8	Benzo[a]pyrene	100		1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	82.0		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	90.9		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	98.9		10	2.0
92-52-4	Diphenyl	98.4		10	2.8
106-44-5	4-Methylphenol	53.3		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	83.3		10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-149066/2-A

Matrix: Water | Lab File ID: z19208.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 12:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	35		10-65
321-60-8	2-Fluorobiphenyl	95		53-108
4165-62-2	Phenol-d5	21		10-48
4165-60-0	Nitrobenzene-d5	96		56-112
118-79-6	2,4,6-Tribromophenol	101		46-122
1718-51-0	Terphenyl-d14	91		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19208.d
Report Date: 01-Mar-2013 12:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19208.d
Lab Smp Id: LCS 460-149066/2-A
Inj Date : 01-MAR-2013 12:37
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-149066/2-A
Misc Info : LCS 460-149066/2-A
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 23 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	106 1,4-Dioxane	88	1.626	1.608	(0.383)	63756	17.6041	35
	19 N-Nitrosodimethylamine	74	1.850	1.844	(0.435)	91804	18.1572	36
	71 Pyridine	79	1.873	1.867	(0.441)	151357	16.8726	34
$	16 2-Fluorophenol (SUR)	112	2.973	2.979	(0.700)	150689	17.7261	35
	110 Benzaldehyde	77	3.808	3.808	(0.896)	293953	101.659	200(R)
$	17 Phenol-d5 (SUR)	99	3.891	3.914	(0.916)	100296	10.2954	20
	1 Phenol	94	3.908	3.926	(0.920)	133396	12.9374	26
	73 Aniline	93	3.920	3.926	(0.922)	351760	29.2765	58
	20 bis(2-Chloroethyl)ether	93	3.985	3.991	(0.938)	362640	43.4105	87
	2 2-Chlorophenol	128	4.043	4.055	(0.952)	352907	40.5191	81
	113 n-decane	43	4.096	4.097	(0.964)	353924	40.0446	80
	21 1,3-Dichlorobenzene	146	4.196	4.202	(0.988)	436680	45.6660	91
*	79 1,4-Dichlorobenzene-d4	152	4.249	4.255	(1.000)	229988	40.0000	
	22 1,4-Dichlorobenzene	146	4.267	4.273	(1.004)	439356	46.0384	92
	74 Benzyl Alcohol	108	4.391	4.402	(1.033)	156590	30.0146	60

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19208.d
Report Date: 01-Mar-2013 12:52

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	4.420	4.426	(1.040)	406401	45.8114	92
	3 2-Methylphenol	108	4.520	4.526	(1.064)	232531	32.7178	65
	24 bis (2-chloroisopropyl) ether	45	4.526	4.532	(1.065)	443584	41.6679	83
	4 4-Methylphenol	108	4.679	4.685	(1.101)	203501	26.6456	53
	123 3 & 4 Methylphenol	108	4.679	4.685	(1.101)	203774	26.6993	53
	104 Acetophenone	105	4.661	4.673	(1.097)	507237	50.1040	100
	25 N-Nitroso-di-n-propylamine	70	4.673	4.679	(1.100)	255073	49.9717	100
	26 Hexachloroethane	117	4.761	4.761	(1.120)	175538	47.0882	94
$	76 Nitrobenzene-d5 (SUR)	82	4.814	4.820	(0.869)	390869	48.0130	96
	27 Nitrobenzene	77	4.838	4.844	(0.874)	536511	49.6357	99
	107 N,N-Dimethylaniline	120	4.838	4.844	(1.138)	543110	45.8293	92
	28 Isophorone	82	5.079	5.085	(0.917)	579282	44.3794	89
	5 2-Nitrophenol	139	5.155	5.155	(0.931)	194497	45.8740	92
	6 2,4-Dimethylphenol	122	5.208	5.220	(0.941)	290154	42.9129	86
	29 bis(2-Chloroethoxy)methane	93	5.296	5.296	(0.956)	382398	45.9841	92
	15 Benzoic Acid	122	5.296	5.385	(0.956)	13827	3.61332	7.2(aRH)
	7 2,4-Dichlorophenol	162	5.402	5.408	(0.976)	265883	47.0630	94
	30 1,2,4-Trichlorobenzene	180	5.485	5.485	(0.990)	308404	46.4328	93
*	80 Naphthalene-d8	136	5.538	5.538	(1.000)	827168	40.0000	
	31 Naphthalene	128	5.561	5.561	(1.004)	1089487	47.7566	96
	32 4-Chloroaniline	127	5.614	5.620	(1.014)	370552	44.7139	89
	33 Hexachlorobutadiene	225	5.690	5.691	(1.028)	176947	47.4035	95
	111 Caprolactam	113	5.990	6.020	(1.082)	11058	6.41823	13
	8 4-Chloro-3-methylphenol	107	6.120	6.132	(1.105)	263178	45.3277	91
	34 2-Methylnaphthalene	142	6.249	6.255	(1.129)	636789	47.7575	96
	120 1-Methylnaphthalene	142	6.349	6.355	(1.147)	580442	43.0327	86
	35 Hexachlorocyclopentadiene	237	6.420	6.420	(0.881)	144845	42.2355	84
	129 1,2,4,5-Tetrachlorobenzene	216	6.426	6.432	(0.881)	270795	45.4843	91
	9 2,4,6-Trichlorophenol	196	6.543	6.549	(0.898)	179876	47.1988	94
	10 2,4,5-Trichlorophenol	196	6.579	6.596	(0.902)	181720	47.5434	95
$	77 2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.908)	651905	47.5782	95
	102 Diphenyl	154	6.720	6.726	(0.922)	757892	49.2145	98
	36 2-Chloronaphthalene	162	6.737	6.743	(0.924)	557513	46.8102	94
	103 Diphenyl Ether	170	6.826	6.826	(0.936)	388318	46.8209	94
	37 2-Nitroaniline	65	6.843	6.855	(0.939)	163733	43.3239	87
	38 Dimethylphthalate	163	7.032	7.032	(0.964)	558118	47.5098	95
	40 2,6-Dinitrotoluene	165	7.090	7.090	(0.973)	126796	46.3823	93
	39 Acenaphthylene	152	7.149	7.155	(0.981)	841571	46.8890	94
	41 3-Nitroaniline	138	7.255	7.261	(0.995)	120739	44.7506	90
*	82 Acenaphthene-d10	164	7.290	7.296	(1.000)	386838	40.0000	
	42 Acenaphthene	154	7.326	7.326	(1.005)	505565	45.8593	92
	11 2,4-Dinitrophenol	184	7.355	7.361	(1.009)	51639	39.8040	80
	12 4-Nitrophenol	65	7.432	7.443	(1.019)	19193	10.1786	20(a)
	44 2,4-Dinitrotoluene	165	7.484	7.490	(1.027)	150726	46.8001	94
	43 Dibenzofuran	168	7.490	7.496	(1.027)	706028	46.8733	94
	130 2,3,4,6-Tetrachlorophenol	232	7.620	7.626	(1.045)	110347	45.5390	91
	45 Diethylphthalate	149	7.726	7.726	(1.060)	531517	48.9528	98

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19208.d
Report Date: 01-Mar-2013 12:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	46 4-Chlorophenyl-phenylether	204	7.831	7.832	(1.074)	268052	48.3113	97
	47 Fluorene	166	7.831	7.832	(1.074)	570319	48.8009	98
	48 4-Nitroaniline	138	7.861	7.867	(1.078)	97337	41.1601	82
	13 4,6-Dinitro-2-methylphenol	198	7.890	7.896	(0.902)	74262	47.7486	95
	49 N-Nitrosodiphenylamine	169	7.949	7.955	(0.909)	361913	50.4101	100
	75 1,2-Diphenylhydrazine	77	7.984	7.990	(0.913)	537170	42.3864	85
$	18 2,4,6-Tribromophenol (SUR)	330	8.073	8.073	(1.107)	77557	50.4870	100
	50 4-Bromophenyl-phenylether	248	8.308	8.314	(0.950)	137354	50.7016	100
	51 Hexachlorobenzene	284	8.384	8.384	(0.958)	144673	49.3968	99
	112 Atrazine	200	8.479	8.485	(0.969)	96722	41.9969	84
	14 Pentachlorophenol	266	8.573	8.579	(0.980)	75781	49.2085	98
	115 n-Octadecane	57	8.649	8.649	(0.989)	341592	47.4519	95
*	83 Phenanthrene-d10	188	8.749	8.755	(1.000)	447891	40.0000	
	52 Phenanthrene	178	8.778	8.779	(1.003)	618390	48.9549	98
	53 Anthracene	178	8.826	8.832	(1.009)	617531	48.4447	97
	54 Carbazole	167	8.984	8.990	(1.027)	485305	48.7069	97
	55 Di-n-butylphthalate	149	9.325	9.326	(1.066)	646001	51.5259	100
	56 Fluoranthene	202	9.943	9.949	(1.136)	491548	49.4643	99
	58 Benzidine	184	10.073	10.084	(1.151)	47044	28.8937	58
	57 Pyrene	202	10.167	10.167	(0.884)	472300	40.0849	80
$	78 Terphenyl-d14	244	10.320	10.326	(0.897)	341315	45.3955	91
	59 Butylbenzylphthalate	149	10.837	10.843	(0.942)	194890	46.8507	94
	60 3,3'-Dichlorobenzidine	252	11.461	11.467	(0.996)	106446	61.2723	120
	61 Benzo(a)anthracene	228	11.490	11.496	(0.999)	312519	45.3366	91
*	81 Chrysene-d12	240	11.502	11.508	(1.000)	219209	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.525	11.531	(1.002)	257927	49.3315	99
	62 Chrysene	228	11.537	11.537	(1.003)	298847	45.7024	91
	64 Di-n-octylphthalate	149	12.372	12.378	(0.923)	365282	43.3496	87
	65 Benzo(b)fluoranthene	252	12.884	12.890	(0.961)	236133	47.2440	94
	66 Benzo(k)fluoranthene	252	12.919	12.925	(0.964)	275689	48.5867	97
	67 Benzo(a)pyrene	252	13.325	13.331	(0.994)	204045	50.0884	100
*	84 Perylene-d12	264	13.402	13.408	(1.000)	173481	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.902	14.908	(1.112)	175051	41.0007	82(M)
	69 Dibenz(a,h)anthracene	278	14.931	14.937	(1.114)	191153	45.4590	91
	70 Benzo(g,h,i)perylene	276	15.313	15.319	(1.143)	186302	49.4455	99

QC Flag Legend

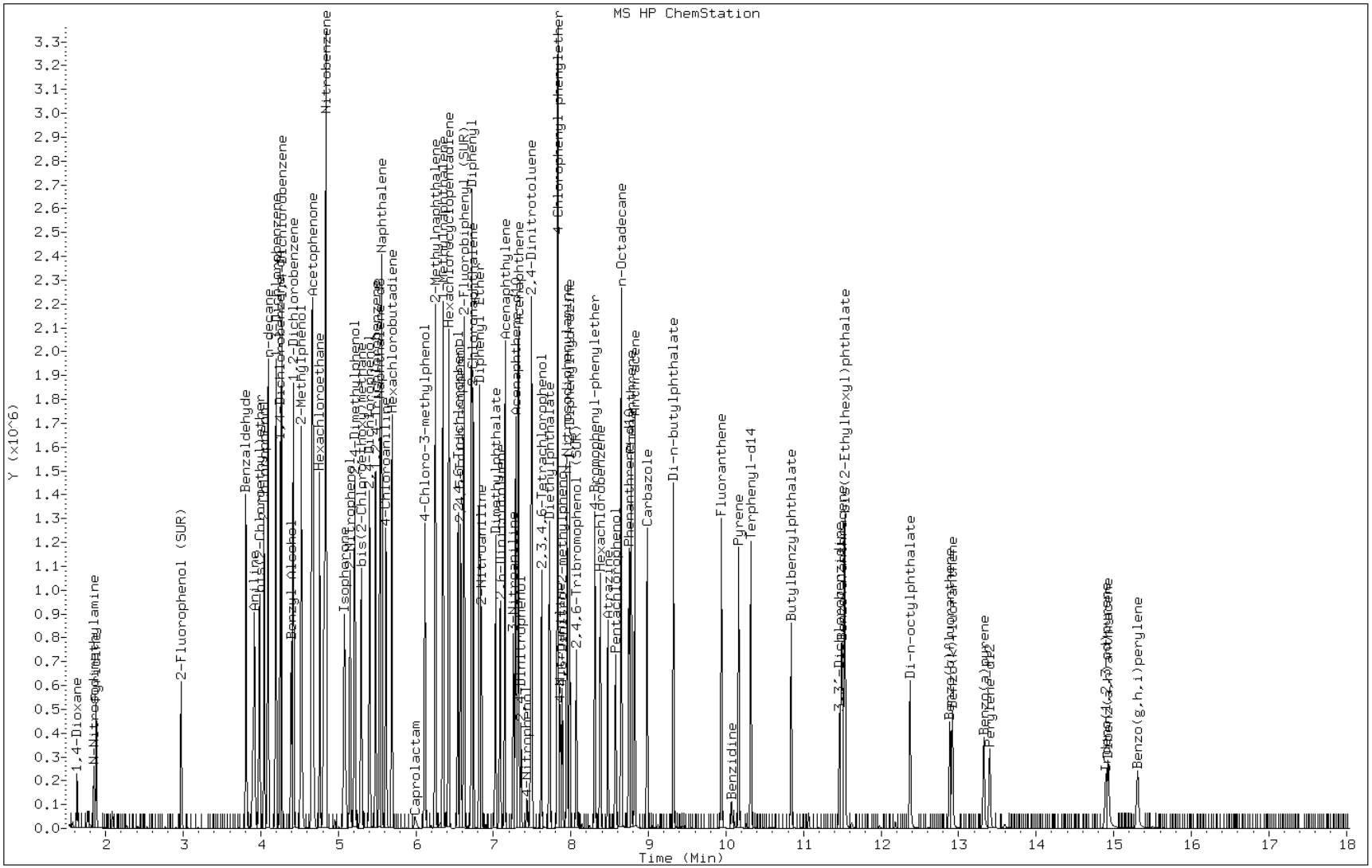
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z19208.d

Date: 01-MAR-2013 12:37

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-149066/2-A Operator: BNAMS 4



Manual Integration Report

Data File: z19208.d
Inj. Date and Time: 01-MAR-2013 12:37
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 03/03/2013

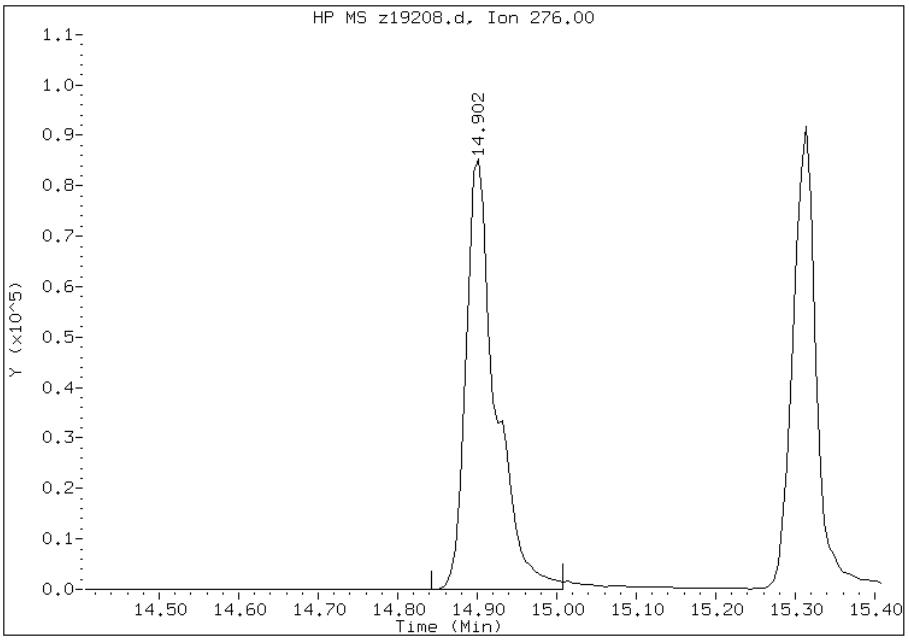
Processing Integration Results

RT: 14.90

Response: 220576

Amount: 52

Conc: 103



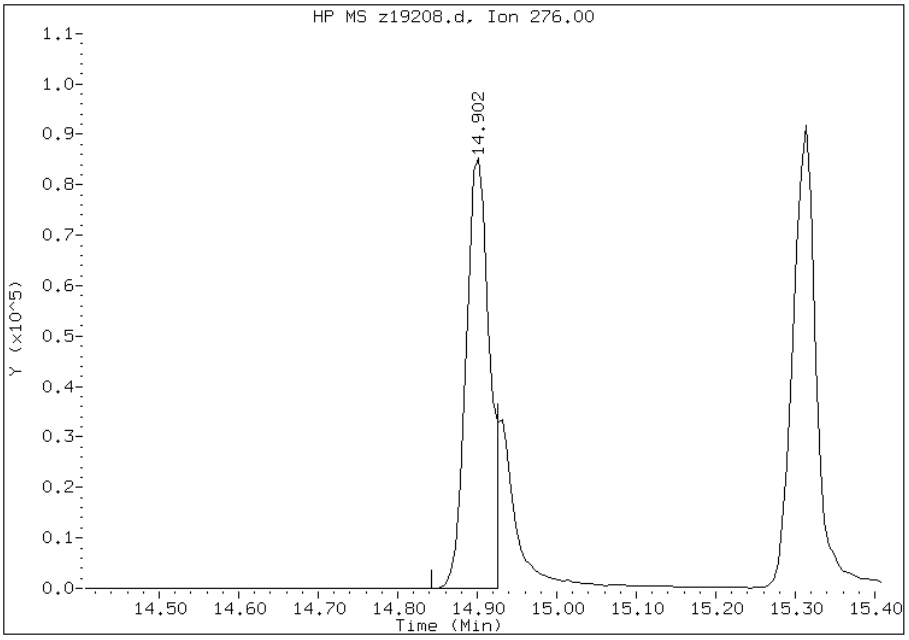
Manual Integration Results

RT: 14.90

Response: 175051

Amount: 41

Conc: 82



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-149066/3-A

Matrix: Water | Lab File ID: z19196.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 07:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	209		10	2.0
108-95-2	Phenol	27.2		10	0.81
111-44-4	Bis(2-chloroethyl)ether	89.4		1.0	0.28
95-57-8	2-Chlorophenol	84.1		10	2.2
95-48-7	2-Methylphenol	66.0		10	1.8
98-86-2	Acetophenone	99.9		10	2.7
621-64-7	N-Nitrosodi-n-propylamine	99.2		1.0	0.25
67-72-1	Hexachloroethane	94.1		1.0	0.25
98-95-3	Nitrobenzene	100		1.0	0.30
78-59-1	Isophorone	87.8		10	2.7
88-75-5	2-Nitrophenol	93.4		10	2.4
105-67-9	2,4-Dimethylphenol	88.1		10	3.4
111-91-1	Bis(2-chloroethoxy)methane	93.4		10	2.6
120-83-2	2,4-Dichlorophenol	95.7		10	2.6
91-20-3	Naphthalene	95.4		10	2.7
106-47-8	4-Chloroaniline	90.0		10	2.0
87-68-3	Hexachlorobutadiene	96.2		2.0	0.57
105-60-2	Caprolactam	11.8		10	2.5
59-50-7	4-Chloro-3-methylphenol	88.4		10	2.5
91-57-6	2-Methylnaphthalene	94.0		10	3.0
77-47-4	Hexachlorocyclopentadiene	88.6		10	1.7
88-06-2	2,4,6-Trichlorophenol	97.6		10	2.4
95-95-4	2,4,5-Trichlorophenol	97.1		10	2.6
91-58-7	2-Chloronaphthalene	98.2		10	2.7
88-74-4	2-Nitroaniline	87.1		20	4.9
131-11-3	Dimethyl phthalate	93.1		10	2.8
208-96-8	Acenaphthylene	95.3		10	2.7
606-20-2	2,6-Dinitrotoluene	91.1		2.0	0.61
99-09-2	3-Nitroaniline	88.8		20	5.0
83-32-9	Acenaphthene	92.7		10	2.7
51-28-5	2,4-Dinitrophenol	64.9		30	5.4
100-02-7	4-Nitrophenol	19.6	J	30	6.7
132-64-9	Dibenzofuran	93.6		10	2.8
121-14-2	2,4-Dinitrotoluene	88.7		2.0	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-149066/3-A

Matrix: Water | Lab File ID: z19196.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 07:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	92.8		10	2.9
7005-72-3	4-Chlorophenyl phenyl ether	96.1		10	2.5
86-73-7	Fluorene	96.4		10	2.8
100-01-6	4-Nitroaniline	76.2		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	90.7		30	4.7
86-30-6	N-Nitrosodiphenylamine	102		10	2.9
101-55-3	4-Bromophenyl phenyl ether	103		10	2.5
118-74-1	Hexachlorobenzene	99.3		1.0	0.29
1912-24-9	Atrazine	79.8		10	3.0
87-86-5	Pentachlorophenol	91.8		30	5.3
85-01-8	Phenanthrene	96.9		10	3.1
120-12-7	Anthracene	95.7		10	2.8
86-74-8	Carbazole	93.5		10	3.2
84-74-2	Di-n-butyl phthalate	97.5		10	2.9
206-44-0	Fluoranthene	93.3		10	3.2
129-00-0	Pyrene	87.7		10	2.9
85-68-7	Butyl benzyl phthalate	97.2		10	2.5
91-94-1	3,3'-Dichlorobenzidine	124		20	4.9
56-55-3	Benzo[a]anthracene	93.3		1.0	0.27
218-01-9	Chrysene	93.2		10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	99.8		10	2.0
117-84-0	Di-n-octyl phthalate	82.6		10	1.5
205-99-2	Benzo[b]fluoranthene	94.8		1.0	0.26
207-08-9	Benzo[k]fluoranthene	91.6		1.0	0.26
50-32-8	Benzo[a]pyrene	100		1.0	0.14
193-39-5	Indeno[1,2,3-cd]pyrene	94.0		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	102		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	111		10	2.0
92-52-4	Diphenyl	101		10	2.8
106-44-5	4-Methylphenol	52.9		10	1.6
108-60-1	bis (2-chloroisopropyl) ether	85.9		10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-149066/3-A

Matrix: Water | Lab File ID: z19196.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/28/2013 11:22

Sample wt/vol: 1000(mL) | Date Analyzed: 03/01/2013 07:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149265 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	35		10-65
321-60-8	2-Fluorobiphenyl	89		53-108
4165-62-2	Phenol-d5	20		10-48
4165-60-0	Nitrobenzene-d5	92		56-112
118-79-6	2,4,6-Tribromophenol	89		46-122
1718-51-0	Terphenyl-d14	81		50-122

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19196.d
Report Date: 01-Mar-2013 11:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19196.d
Lab Smp Id: LCSD 460-149066/3-A
Inj Date : 01-MAR-2013 07:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCSD 460-149066/3-A
Misc Info : LCSD 460-149066/3-A
Comment :
Method : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/8270C_11.m
Meth Date : 01-Mar-2013 04:08 asfawa Quant Type: ISTD
Cal Date : 18-FEB-2013 16:07 Cal File: z18534.d
Als bottle: 11 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	106 1,4-Dioxane	88	1.626	1.608	(0.383)	63412	18.6408	37
	19 N-Nitrosodimethylamine	74	1.849	1.844	(0.435)	92808	19.5423	39
	71 Pyridine	79	1.873	1.867	(0.441)	155852	18.4966	37
$	16 2-Fluorophenol (SUR)	112	2.973	2.979	(0.700)	140186	17.5565	35
	110 Benzaldehyde	77	3.808	3.808	(0.896)	283678	104.447	210(R)
$	17 Phenol-d5 (SUR)	99	3.890	3.914	(0.916)	93174	10.1826	20
	1 Phenol	94	3.908	3.926	(0.920)	131915	13.6207	27
	73 Aniline	93	3.920	3.926	(0.922)	340066	30.1326	60
	20 bis(2-Chloroethyl)ether	93	3.985	3.991	(0.938)	350539	44.7048	89
	2 2-Chlorophenol	128	4.043	4.055	(0.952)	344159	42.0688	84
	113 n-decane	43	4.096	4.097	(0.964)	347156	41.8176	84
	21 1,3-Dichlorobenzene	146	4.196	4.202	(0.988)	411674	45.8336	92
*	79 1,4-Dichlorobenzene-d4	152	4.249	4.255	(1.000)	216025	40.0000	
	22 1,4-Dichlorobenzene	146	4.267	4.273	(1.004)	420658	46.9282	94
	74 Benzyl Alcohol	108	4.390	4.402	(1.033)	151300	30.8751	62

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19196.d
Report Date: 01-Mar-2013 11:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
23	1,2-Dichlorobenzene	146	4.420	4.426	(1.040)	389226	46.7113	93
3	2-Methylphenol	108	4.520	4.526	(1.064)	220324	33.0039	66
24	bis (2-chloroisopropyl) ether	45	4.526	4.532	(1.065)	429597	42.9624	86
4	4-Methylphenol	108	4.673	4.685	(1.100)	189633	26.4346	53
123	3 & 4 Methylphenol	108	4.673	4.685	(1.100)	189633	26.4524	53
104	Acetophenone	105	4.661	4.673	(1.097)	475086	49.9614	100
25	N-Nitroso-di-n-propylamine	70	4.667	4.679	(1.098)	237786	49.5960	99
26	Hexachloroethane	117	4.761	4.761	(1.120)	164681	47.0312	94
$ 76	Nitrobenzene-d5 (SUR)	82	4.814	4.820	(0.869)	341476	45.8789	92
27	Nitrobenzene	77	4.838	4.844	(0.874)	496064	50.1970	100
107	N,N-Dimethylaniline	120	4.838	4.844	(1.138)	509768	45.7962	92
28	Isophorone	82	5.073	5.085	(0.916)	523908	43.9007	88
5	2-Nitrophenol	139	5.155	5.155	(0.931)	180975	46.6871	93
6	2,4-Dimethylphenol	122	5.208	5.220	(0.940)	272245	44.0397	88
29	bis(2-Chloroethoxy)methane	93	5.296	5.296	(0.956)	354933	46.6835	93
15	Benzoic Acid	122	5.285	5.385	(0.954)	6916	1.97678	4.0(aRH)
7	2,4-Dichlorophenol	162	5.402	5.408	(0.976)	247166	47.8523	96
30	1,2,4-Trichlorobenzene	180	5.479	5.485	(0.989)	289531	47.6787	95
* 80	Naphthalene-d8	136	5.537	5.538	(1.000)	756256	40.0000	
31	Naphthalene	128	5.555	5.561	(1.003)	994661	47.6882	95
32	4-Chloroaniline	127	5.614	5.620	(1.014)	340833	44.9842	90
33	Hexachlorobutadiene	225	5.690	5.691	(1.028)	164175	48.1060	96
111	Caprolactam	113	5.979	6.020	(1.080)	9277	5.88940	12
8	4-Chloro-3-methylphenol	107	6.120	6.132	(1.105)	234680	44.2094	88
34	2-Methylnaphthalene	142	6.249	6.255	(1.129)	572915	46.9960	94
120	1-Methylnaphthalene	142	6.349	6.355	(1.147)	523630	42.4609	85
35	Hexachlorocyclopentadiene	237	6.420	6.420	(0.881)	129453	44.3189	89
129	1,2,4,5-Tetrachlorobenzene	216	6.426	6.432	(0.881)	235985	46.5380	93
9	2,4,6-Trichlorophenol	196	6.543	6.549	(0.898)	158425	48.8072	98
10	2,4,5-Trichlorophenol	196	6.579	6.596	(0.902)	158058	48.5520	97
$ 77	2-Fluorobiphenyl (SUR)	172	6.620	6.626	(0.908)	517651	44.3572	89
102	Diphenyl	154	6.720	6.726	(0.922)	660276	50.3401	100
36	2-Chloronaphthalene	162	6.737	6.743	(0.924)	498170	49.1095	98
103	Diphenyl Ether	170	6.820	6.826	(0.935)	345176	48.8647	98
37	2-Nitroaniline	65	6.843	6.855	(0.939)	140228	43.5641	87
38	Dimethylphthalate	163	7.026	7.032	(0.964)	465665	46.5407	93
40	2,6-Dinitrotoluene	165	7.084	7.090	(0.972)	106063	45.5526	91
39	Acenaphthylene	152	7.149	7.155	(0.981)	728421	47.6503	95
41	3-Nitroaniline	138	7.255	7.261	(0.995)	101979	44.3777	89
* 82	Acenaphthene-d10	164	7.290	7.296	(1.000)	329478	40.0000	
42	Acenaphthene	154	7.320	7.326	(1.004)	435197	46.3488	93
11	2,4-Dinitrophenol	184	7.355	7.361	(1.009)	35492	32.4608	65
12	4-Nitrophenol	65	7.431	7.443	(1.019)	15775	9.82236	20(a)
44	2,4-Dinitrotoluene	165	7.484	7.490	(1.027)	121608	44.3326	89
43	Dibenzofuran	168	7.490	7.496	(1.027)	600593	46.8152	94
130	2,3,4,6-Tetrachlorophenol	232	7.620	7.626	(1.045)	91816	44.4881	89
45	Diethylphthalate	149	7.720	7.726	(1.059)	428885	46.3772	93

Data File: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19196.d
Report Date: 01-Mar-2013 11:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	46 4-Chlorophenyl-phenylether	204	7.826	7.832	(1.073)	226965	48.0277	96
	47 Fluorene	166	7.831	7.832	(1.074)	479803	48.2031	96
	48 4-Nitroaniline	138	7.861	7.867	(1.078)	76749	38.1043	76
	13 4,6-Dinitro-2-methylphenol	198	7.890	7.896	(0.902)	58146	45.3491	91
	49 N-Nitrosodiphenylamine	169	7.949	7.955	(0.909)	302507	51.1098	100
	75 1,2-Diphenylhydrazine	77	7.984	7.990	(0.913)	450587	43.1270	86
$	18 2,4,6-Tribromophenol (SUR)	330	8.067	8.073	(1.107)	58376	44.6165	89
	50 4-Bromophenyl-phenylether	248	8.308	8.314	(0.950)	115018	51.4993	100
	51 Hexachlorobenzene	284	8.378	8.384	(0.958)	119892	49.6543	99
	112 Atrazine	200	8.478	8.485	(0.969)	75750	39.8961	80
	14 Pentachlorophenol	266	8.573	8.579	(0.980)	58301	45.9210	92
	115 n-Octadecane	57	8.649	8.649	(0.989)	294206	49.5738	99
*	83 Phenanthrene-d10	188	8.749	8.755	(1.000)	369247	40.0000	
	52 Phenanthrene	178	8.773	8.779	(1.003)	504552	48.4501	97
	53 Anthracene	178	8.825	8.832	(1.009)	502625	47.8285	96
	54 Carbazole	167	8.984	8.990	(1.027)	383841	46.7285	93
	55 Di-n-butylphthalate	149	9.325	9.326	(1.066)	503773	48.7397	97
	56 Fluoranthene	202	9.943	9.949	(1.136)	382170	46.6485	93
	58 Benzidine	184	10.072	10.084	(1.151)	33775	25.1623	50
	57 Pyrene	202	10.167	10.167	(0.884)	365279	43.8611	88
$	78 Terphenyl-d14	244	10.319	10.326	(0.897)	216552	40.7485	81
	59 Butylbenzylphthalate	149	10.837	10.843	(0.942)	142914	48.6064	97
	60 3,3'-Dichlorobenzidine	252	11.461	11.467	(0.996)	76243	62.0907	120
	61 Benzo(a)anthracene	228	11.484	11.496	(0.998)	227271	46.6453	93
*	81 Chrysene-d12	240	11.502	11.508	(1.000)	154941	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.525	11.531	(1.002)	184340	49.8814	100
	62 Chrysene	228	11.531	11.537	(1.003)	215420	46.6088	93
	64 Di-n-octylphthalate	149	12.372	12.378	(0.923)	255305	41.3019	83
	65 Benzo(b)fluoranthene	252	12.884	12.890	(0.961)	173773	47.3943	95
	66 Benzo(k)fluoranthene	252	12.919	12.925	(0.964)	190601	45.7906	92
	67 Benzo(a)pyrene	252	13.325	13.331	(0.994)	149709	50.0971	100
*	84 Perylene-d12	264	13.402	13.408	(1.000)	127262	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.896	14.908	(1.111)	147256	47.0166	94(M)
	69 Dibenz(a,h)anthracene	278	14.931	14.937	(1.114)	156771	50.8227	100
	70 Benzo(g,h,i)perylene	276	15.313	15.319	(1.143)	152878	55.3105	110

QC Flag Legend

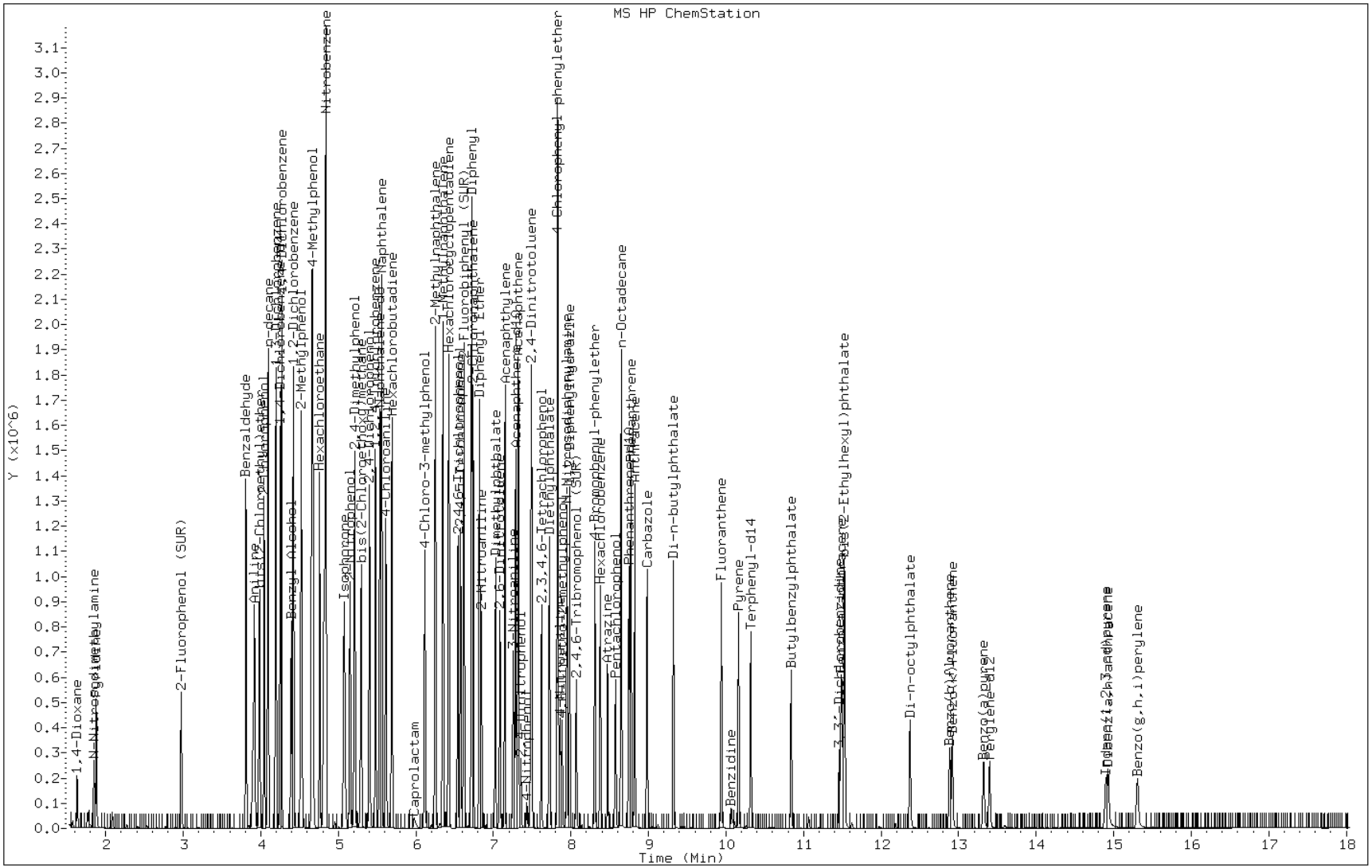
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z19196.d

Date: 01-MAR-2013 07:43

Client ID: Instrument: BNAMS11.i

Sample Info: LCSD 460-149066/3-A Operator: BNAMS 4



Manual Integration Report

Data File: z19196.d
Inj. Date and Time: 01-MAR-2013 07:43
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 03/03/2013

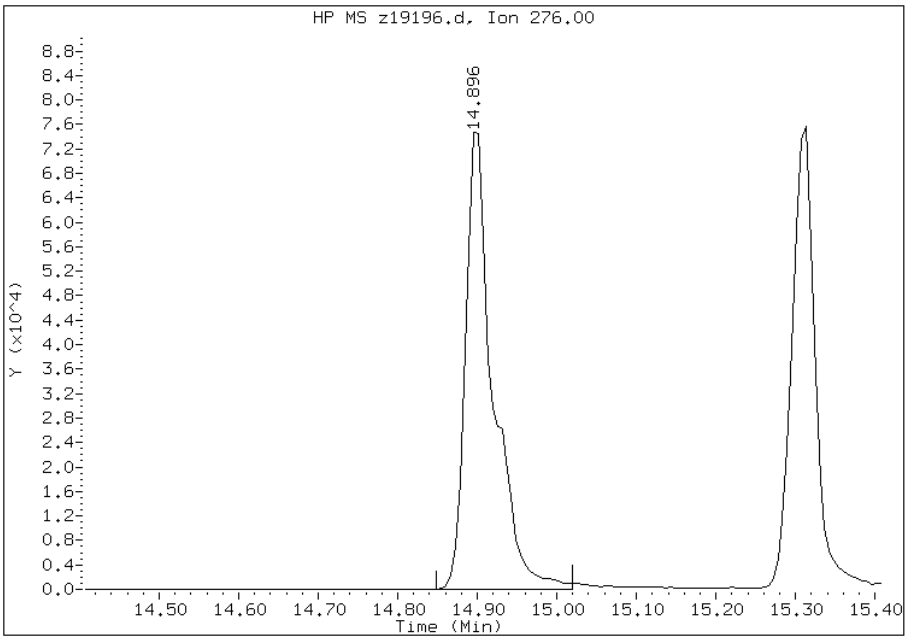
Processing Integration Results

RT: 14.90

Response: 181284

Amount: 58

Conc: 116



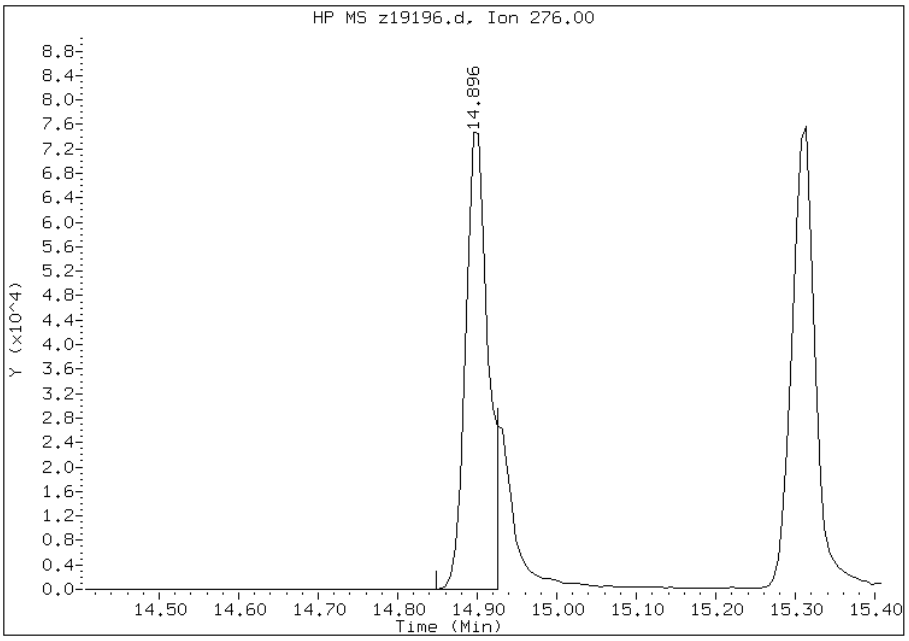
Manual Integration Results

RT: 14.90

Response: 147256

Amount: 47

Conc: 94



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS | Lab Sample ID: 460-51333-9 MS

Matrix: Water | Lab File ID: x34684.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 04:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	156		9.5	1.9
108-95-2	Phenol	29.0		9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	81.4		0.95	0.27
95-57-8	2-Chlorophenol	72.5		9.5	2.1
95-48-7	2-Methylphenol	60.7		9.5	1.7
98-86-2	Acetophenone	78.6		9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	73.5		0.95	0.24
67-72-1	Hexachloroethane	74.2		0.95	0.24
98-95-3	Nitrobenzene	74.7		0.95	0.29
78-59-1	Isophorone	73.2		9.5	2.6
88-75-5	2-Nitrophenol	76.8		9.5	2.3
105-67-9	2,4-Dimethylphenol	73.2		9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	78.1		9.5	2.5
120-83-2	2,4-Dichlorophenol	78.8		9.5	2.5
91-20-3	Naphthalene	76.1		9.5	2.6
106-47-8	4-Chloroaniline	75.9		9.5	1.9
87-68-3	Hexachlorobutadiene	75.0		1.9	0.54
105-60-2	Caprolactam	12.2		9.5	2.4
59-50-7	4-Chloro-3-methylphenol	76.4		9.5	2.4
91-57-6	2-Methylnaphthalene	77.3		9.5	2.9
77-47-4	Hexachlorocyclopentadiene	64.1		9.5	1.6
88-06-2	2,4,6-Trichlorophenol	82.2		9.5	2.3
95-95-4	2,4,5-Trichlorophenol	84.6		9.5	2.5
91-58-7	2-Chloronaphthalene	79.8		9.5	2.6
88-74-4	2-Nitroaniline	75.3		19	4.7
131-11-3	Dimethyl phthalate	83.3		9.5	2.7
208-96-8	Acenaphthylene	81.1		9.5	2.6
606-20-2	2,6-Dinitrotoluene	83.8		1.9	0.58
99-09-2	3-Nitroaniline	89.4		19	4.8
83-32-9	Acenaphthene	82.2		9.5	2.6
51-28-5	2,4-Dinitrophenol	77.1		29	5.1
100-02-7	4-Nitrophenol	23.7	J	29	6.4
132-64-9	Dibenzofuran	79.3		9.5	2.7
121-14-2	2,4-Dinitrotoluene	83.1		1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS | Lab Sample ID: 460-51333-9 MS

Matrix: Water | Lab File ID: x34684.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 04:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	82.9		9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	81.8		9.5	2.4
86-73-7	Fluorene	81.2		9.5	2.7
100-01-6	4-Nitroaniline	93.4		19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	95.1		29	4.5
86-30-6	N-Nitrosodiphenylamine	85.4		9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	82.3		9.5	2.4
118-74-1	Hexachlorobenzene	80.2		0.95	0.28
1912-24-9	Atrazine	71.1		9.5	2.9
87-86-5	Pentachlorophenol	81.0		29	5.0
85-01-8	Phenanthrene	81.6		9.5	3.0
120-12-7	Anthracene	80.3		9.5	2.7
86-74-8	Carbazole	84.6		9.5	3.0
84-74-2	Di-n-butyl phthalate	84.2		9.5	2.8
206-44-0	Fluoranthene	85.3		9.5	3.0
129-00-0	Pyrene	71.2		9.5	2.8
85-68-7	Butyl benzyl phthalate	81.0		9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	103		19	4.7
56-55-3	Benzo[a]anthracene	77.0		0.95	0.26
218-01-9	Chrysene	82.1		9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	81.8		9.5	1.9
117-84-0	Di-n-octyl phthalate	76.5		9.5	1.4
205-99-2	Benzo[b]fluoranthene	75.8		0.95	0.25
207-08-9	Benzo[k]fluoranthene	79.3		0.95	0.25
50-32-8	Benzo[a]pyrene	82.0		0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	79.0		0.95	0.14
53-70-3	Dibenz(a,h)anthracene	76.5		0.95	0.086
191-24-2	Benzo[g,h,i]perylene	84.0		9.5	1.9
92-52-4	Diphenyl	83.6		9.5	2.7
106-44-5	4-Methylphenol	55.1		9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	69.2		9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS | Lab Sample ID: 460-51333-9 MS

Matrix: Water | Lab File ID: x34684.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 04:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	39		10-65
321-60-8	2-Fluorobiphenyl	79		53-108
4165-62-2	Phenol-d5	26		10-48
4165-60-0	Nitrobenzene-d5	78		56-112
118-79-6	2,4,6-Tribromophenol	83		46-122
1718-51-0	Terphenyl-d14	69		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34684.d
Report Date: 28-Feb-2013 11:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34684.d
Lab Smp Id: 460-51333-G-9-A MS Client Smp ID: 130041-MW9D-80FT
Inj Date : 28-FEB-2013 04:47
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-G-9-A MS
Misc Info : 460-51333-G-9-A MS
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/8270C_11.m
Meth Date : 28-Feb-2013 01:27 asfawa Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 11 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.433	1.415	(0.360)	206087	20.6898	39
	19 N-Nitrosodimethylamine	74	1.639	1.633	(0.411)	303002	21.2186	40
	71 Pyridine	79	1.662	1.656	(0.417)	329744	12.8913	24
$	16 2-Fluorophenol (SUR)	112	2.721	2.727	(0.683)	484413	19.4544	37
	110 Benzaldehyde	77	3.545	3.539	(0.889)	776646	82.0741	160(R)
	73 Aniline	93	3.656	3.662	(0.917)	841222	24.6991	47
$	17 Phenol-d5 (SUR)	99	3.639	3.656	(0.913)	367564	12.8952	24
	1 Phenol	94	3.656	3.668	(0.917)	470172	15.2191	29
	20 bis(2-Chloroethyl)ether	93	3.727	3.733	(0.935)	949469	42.7528	81
	2 2-Chlorophenol	128	3.780	3.786	(0.948)	988820	38.0558	72
	113 n-decane	43	3.845	3.844	(0.965)	741715	32.3279	62(R)
	21 1,3-Dichlorobenzene	146	3.933	3.933	(0.987)	1184540	38.8290	74
*	79 1,4-Dichlorobenzene-d4	152	3.986	3.986	(1.000)	732795	40.0000	
	22 1,4-Dichlorobenzene	146	4.003	4.003	(1.004)	1184897	38.7588	74
	74 Benzyl Alcohol	108	4.139	4.144	(1.038)	482034	32.0488	61

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34684.d
Report Date: 28-Feb-2013 11:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	4.156	4.156	(1.043)	1096484	39.0364	74
	24 bis (2-chloroisopropyl) ether	45	4.274	4.274	(1.072)	900170	36.3282	69
	3 2-Methylphenol	108	4.268	4.274	(1.071)	657270	31.8503	61
	104 Acetophenone	105	4.403	4.409	(1.105)	1225958	41.2904	79
	25 N-Nitroso-di-n-propylamine	70	4.421	4.421	(1.109)	577289	38.5998	74
	4 4-Methylphenol	108	4.427	4.433	(1.111)	586157	28.9271	55
	123 3 & 4 Methylphenol	108	4.427	4.433	(1.111)	586157	28.9035	55
	26 Hexachloroethane	117	4.498	4.497	(1.128)	439970	38.9684	74
$	76 Nitrobenzene-d5 (SUR)	82	4.556	4.556	(0.863)	931538	39.1243	74
	27 Nitrobenzene	77	4.580	4.580	(0.867)	1245175	39.2393	75
	107 N,N-Dimethylaniline	120	4.580	4.580	(1.149)	1227604	36.2037	69
	28 Isophorone	82	4.821	4.821	(0.913)	1403364	38.4239	73
	5 2-Nitrophenol	139	4.898	4.897	(0.928)	485910	40.3202	77
	6 2,4-Dimethylphenol	122	4.962	4.962	(0.940)	738243	38.4303	73
	29 bis(2-Chloroethoxy)methane	93	5.050	5.050	(0.957)	949649	40.9800	78
	7 2,4-Dichlorophenol	162	5.150	5.150	(0.975)	717968	41.3786	79
	30 1,2,4-Trichlorobenzene	180	5.227	5.221	(0.990)	846882	40.2811	77
*	80 Naphthalene-d8	136	5.280	5.274	(1.000)	2488393	40.0000	
	31 Naphthalene	128	5.298	5.297	(1.003)	2619612	39.9606	76
	32 4-Chloroaniline	127	5.362	5.362	(1.016)	886489	39.8359	76
	33 Hexachlorobutadiene	225	5.433	5.433	(1.029)	497942	39.3794	75
	111 Caprolactam	113	5.727	5.744	(1.085)	25552	6.40077	12
	8 4-Chloro-3-methylphenol	107	5.874	5.880	(1.113)	629705	40.1350	76
	34 2-Methylnaphthalene	142	5.992	5.991	(1.135)	1630048	40.5791	77
	120 1-Methylnaphthalene	142	6.092	6.091	(1.154)	1495350	36.9746	70
	35 Hexachlorocyclopentadiene	237	6.162	6.162	(0.877)	395363	33.6608	64
	129 1,2,4,5-Tetrachlorobenzene	216	6.168	6.168	(0.878)	716889	38.5739	73
	9 2,4,6-Trichlorophenol	196	6.286	6.285	(0.895)	466841	43.1683	82
	10 2,4,5-Trichlorophenol	196	6.321	6.327	(0.900)	462991	44.4328	85
$	77 2-Fluorobiphenyl (SUR)	172	6.368	6.368	(0.906)	1584257	39.5588	75
	102 Diphenyl	154	6.462	6.462	(0.920)	1908319	43.9024	84
	36 2-Chloronaphthalene	162	6.474	6.474	(0.921)	1412257	41.8789	80
	103 Diphenyl Ether	170	6.568	6.568	(0.935)	1005228	42.0609	80
	37 2-Nitroaniline	65	6.586	6.585	(0.937)	365310	39.5263	75
	38 Dimethylphthalate	163	6.780	6.780	(0.965)	1342426	43.7508	83
	40 2,6-Dinitrotoluene	165	6.833	6.832	(0.972)	306651	43.9998	84
	39 Acenaphthylene	152	6.880	6.885	(0.979)	2136410	42.5679	81
	41 3-Nitroaniline	138	6.997	6.997	(0.996)	311113	46.9326	89
*	82 Acenaphthene-d10	164	7.027	7.027	(1.000)	1087609	40.0000	
	42 Acenaphthene	154	7.056	7.056	(1.004)	1257963	43.1712	82
	11 2,4-Dinitrophenol	184	7.092	7.097	(1.009)	84087	40.4785	77
	12 4-Nitrophenol	65	7.186	7.185	(1.023)	53210	12.4203	24(a)
	43 Dibenzofuran	168	7.227	7.227	(1.028)	1744339	41.6421	79
	44 2,4-Dinitrotoluene	165	7.227	7.227	(1.028)	356313	43.6313	83
	130 2,3,4,6-Tetrachlorophenol	232	7.356	7.356	(1.047)	288341	41.7764	80
	45 Diethylphthalate	149	7.474	7.474	(1.064)	1250386	43.5406	83
	47 Fluorene	166	7.562	7.562	(1.076)	1406985	42.6074	81

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34684.d
Report Date: 28-Feb-2013 11:05

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	46	4-Chlorophenyl-phenylether	204	7.568	7.568	(1.077)	674692	42.9445	82
	48	4-Nitroaniline	138	7.597	7.597	(1.081)	261406	49.0215	93
	13	4,6-Dinitro-2-methylphenol	198	7.627	7.627	(0.899)	164007	49.9421	95
	49	N-Nitrosodiphenylamine	169	7.691	7.691	(0.907)	905362	44.8514	85
	75	1,2-Diphenylhydrazine	77	7.727	7.727	(0.911)	1219818	34.8392	66
$	18	2,4,6-Tribromophenol (SUR)	330	7.803	7.803	(1.110)	178652	41.6814	79
	50	4-Bromophenyl-phenylether	248	8.044	8.044	(0.949)	369185	43.2150	82
	51	Hexachlorobenzene	284	8.109	8.109	(0.956)	374768	42.1224	80
	112	Atrazine	200	8.221	8.227	(0.969)	238875	37.3528	71
	14	Pentachlorophenol	266	8.303	8.309	(0.979)	193999	42.4993	81
	115	n-Octadecane	57	8.403	8.403	(0.991)	655625	37.2829	71
*	83	Phenanthrene-d10	188	8.480	8.479	(1.000)	1287188	40.0000	
	52	Phenanthrene	178	8.503	8.503	(1.003)	1581461	42.8429	82
	53	Anthracene	178	8.550	8.550	(1.008)	1563419	42.1530	80
	54	Carbazole	167	8.715	8.715	(1.028)	1251410	44.4126	84
	55	Di-n-butylphthalate	149	9.068	9.074	(1.069)	1539099	44.2142	84
	56	Fluoranthene	202	9.662	9.662	(1.139)	1348429	44.7782	85
	58	Benzidine	184	9.797	9.803	(1.155)	70425	22.2379	42
	57	Pyrene	202	9.880	9.885	(0.885)	1298907	37.3619	71
$	78	Terphenyl-d14	244	10.044	10.044	(0.899)	803514	34.5100	66
	59	Butylbenzylphthalate	149	10.556	10.556	(0.945)	516887	42.5408	81
	60	3,3'-Dichlorobenzidine	252	11.132	11.138	(0.997)	320299	54.1776	100
	61	Benzo(a)anthracene	228	11.150	11.156	(0.998)	972045	40.4413	77
*	81	Chrysene-d12	240	11.168	11.168	(1.000)	758688	40.0000	
	62	Chrysene	228	11.197	11.197	(1.003)	914893	43.1000	82
	63	bis(2-Ethylhexyl)phthalate	149	11.221	11.220	(1.005)	659660	42.9347	82
	64	Di-n-octylphthalate	149	12.026	12.032	(0.926)	969141	40.1470	76
	65	Benzo(b)fluoranthene	252	12.485	12.485	(0.961)	784685	39.7977	76
	66	Benzo(k)fluoranthene	252	12.521	12.520	(0.964)	866515	41.6082	79
	67	Benzo(a)pyrene	252	12.909	12.909	(0.994)	679569	43.0350	82
*	84	Perylene-d12	264	12.985	12.985	(1.000)	656456	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.391	14.391	(1.108)	636666	41.5011	79
	69	Dibenz(a,h)anthracene	278	14.420	14.426	(1.111)	691297	40.1515	76
	70	Benzo(g,h,i)perylene	276	14.762	14.756	(1.137)	707307	44.0764	84

QC Flag Legend

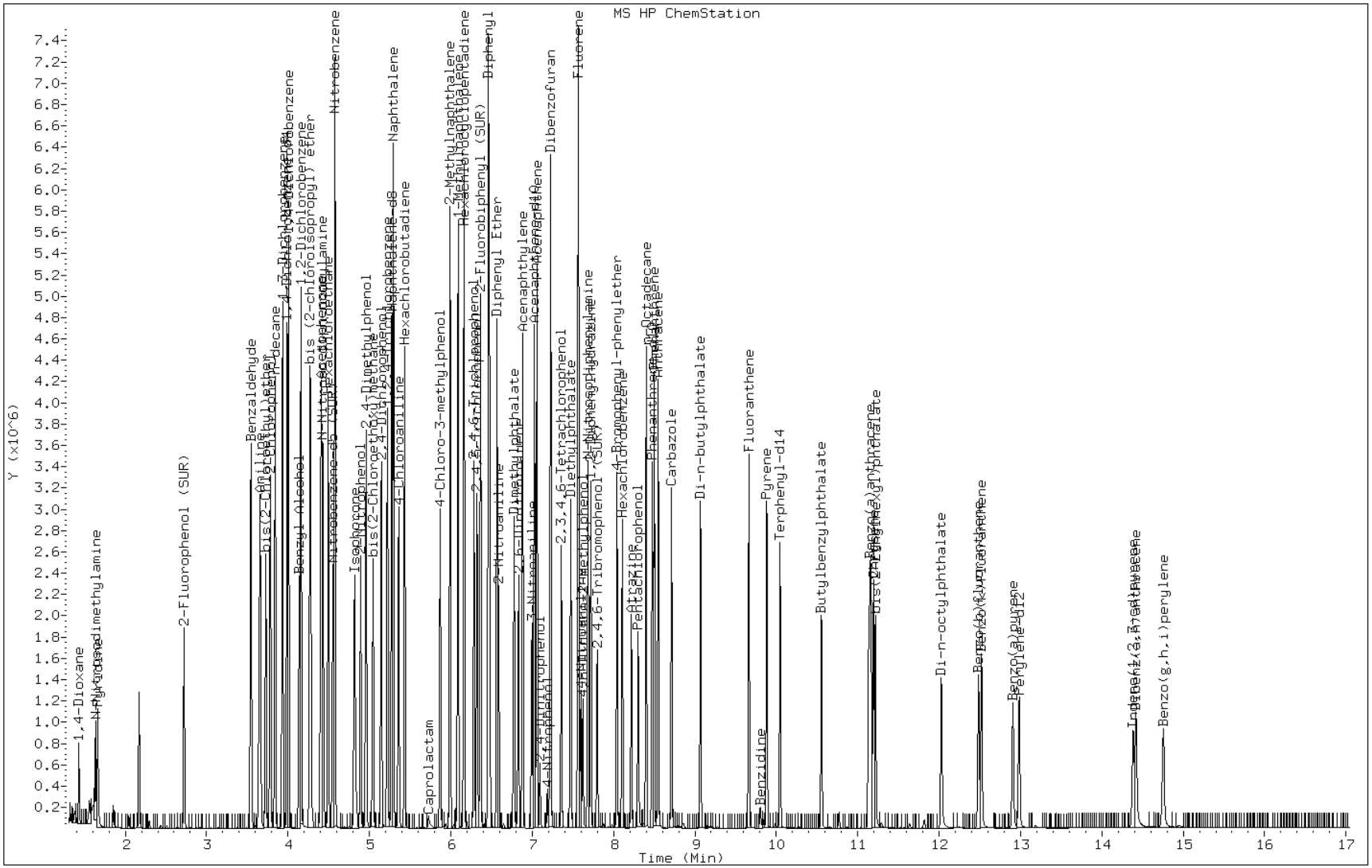
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: x34684.d

Date: 28-FEB-2013 04:47

Client ID: 130041-MW9D-80FT Instrument: BNAMS5.i

Sample Info: 460-51333-G-9-A MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD | Lab Sample ID: 460-51333-9 MSD

Matrix: Water | Lab File ID: x34685.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 05:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	156		9.5	1.9
108-95-2	Phenol	27.7		9.5	0.77
111-44-4	Bis(2-chloroethyl)ether	82.1		0.95	0.27
95-57-8	2-Chlorophenol	71.4		9.5	2.1
95-48-7	2-Methylphenol	60.7		9.5	1.7
98-86-2	Acetophenone	81.3		9.5	2.6
621-64-7	N-Nitrosodi-n-propylamine	76.1		0.95	0.24
67-72-1	Hexachloroethane	74.5		0.95	0.24
98-95-3	Nitrobenzene	73.7		0.95	0.29
78-59-1	Isophorone	75.0		9.5	2.6
88-75-5	2-Nitrophenol	79.7		9.5	2.3
105-67-9	2,4-Dimethylphenol	73.5		9.5	3.2
111-91-1	Bis(2-chloroethoxy)methane	78.5		9.5	2.5
120-83-2	2,4-Dichlorophenol	79.8		9.5	2.5
91-20-3	Naphthalene	75.6		9.5	2.6
106-47-8	4-Chloroaniline	76.1		9.5	1.9
87-68-3	Hexachlorobutadiene	73.8		1.9	0.54
105-60-2	Caprolactam	15.8		9.5	2.4
59-50-7	4-Chloro-3-methylphenol	78.4		9.5	2.4
91-57-6	2-Methylnaphthalene	78.3		9.5	2.9
77-47-4	Hexachlorocyclopentadiene	62.6		9.5	1.6
88-06-2	2,4,6-Trichlorophenol	80.1		9.5	2.3
95-95-4	2,4,5-Trichlorophenol	83.0		9.5	2.5
91-58-7	2-Chloronaphthalene	77.9		9.5	2.6
88-74-4	2-Nitroaniline	77.8		19	4.7
131-11-3	Dimethyl phthalate	84.5		9.5	2.7
208-96-8	Acenaphthylene	80.6		9.5	2.6
606-20-2	2,6-Dinitrotoluene	84.7		1.9	0.58
99-09-2	3-Nitroaniline	88.4		19	4.8
83-32-9	Acenaphthene	80.9		9.5	2.6
51-28-5	2,4-Dinitrophenol	94.9		29	5.1
100-02-7	4-Nitrophenol	25.2	J	29	6.4
132-64-9	Dibenzofuran	79.1		9.5	2.7
121-14-2	2,4-Dinitrotoluene	85.5		1.9	0.45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD | Lab Sample ID: 460-51333-9 MSD

Matrix: Water | Lab File ID: x34685.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 05:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	84.5		9.5	2.8
7005-72-3	4-Chlorophenyl phenyl ether	82.7		9.5	2.4
86-73-7	Fluorene	80.7		9.5	2.7
100-01-6	4-Nitroaniline	88.5		19	5.5
534-52-1	4,6-Dinitro-2-methylphenol	100		29	4.5
86-30-6	N-Nitrosodiphenylamine	84.7		9.5	2.8
101-55-3	4-Bromophenyl phenyl ether	79.9		9.5	2.4
118-74-1	Hexachlorobenzene	80.5		0.95	0.28
1912-24-9	Atrazine	72.4		9.5	2.9
87-86-5	Pentachlorophenol	82.0		29	5.0
85-01-8	Phenanthrene	80.3		9.5	3.0
120-12-7	Anthracene	79.8		9.5	2.7
86-74-8	Carbazole	84.6		9.5	3.0
84-74-2	Di-n-butyl phthalate	86.1		9.5	2.8
206-44-0	Fluoranthene	84.0		9.5	3.0
129-00-0	Pyrene	75.4		9.5	2.8
85-68-7	Butyl benzyl phthalate	84.1		9.5	2.4
91-94-1	3,3'-Dichlorobenzidine	98.3		19	4.7
56-55-3	Benzo[a]anthracene	77.0		0.95	0.26
218-01-9	Chrysene	81.8		9.5	3.0
117-81-7	Bis(2-ethylhexyl) phthalate	86.5		9.5	1.9
117-84-0	Di-n-octyl phthalate	82.8		9.5	1.4
205-99-2	Benzo[b]fluoranthene	76.9		0.95	0.25
207-08-9	Benzo[k]fluoranthene	78.7		0.95	0.25
50-32-8	Benzo[a]pyrene	81.3		0.95	0.13
193-39-5	Indeno[1,2,3-cd]pyrene	77.4		0.95	0.14
53-70-3	Dibenz(a,h)anthracene	73.3		0.95	0.086
191-24-2	Benzo[g,h,i]perylene	80.5		9.5	1.9
92-52-4	Diphenyl	81.9		9.5	2.7
106-44-5	4-Methylphenol	56.1		9.5	1.5
108-60-1	bis (2-chloroisopropyl) ether	70.7		9.5	1.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD | Lab Sample ID: 460-51333-9 MSD

Matrix: Water | Lab File ID: x34685.d

Analysis Method: 8270C | Date Collected: 02/25/2013 17:07

Extract. Method: 3510C | Date Extracted: 02/27/2013 08:02

Sample wt/vol: 1050(mL) | Date Analyzed: 02/28/2013 05:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149088 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	38		10-65
321-60-8	2-Fluorobiphenyl	77		53-108
4165-62-2	Phenol-d5	24		10-48
4165-60-0	Nitrobenzene-d5	77		56-112
118-79-6	2,4,6-Tribromophenol	85		46-122
1718-51-0	Terphenyl-d14	73		50-122

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34685.d
Report Date: 28-Feb-2013 11:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34685.d
Lab Smp Id: 460-51333-F-9-A MSD Client Smp ID: 130041-MW9D-80FT
Inj Date : 28-FEB-2013 05:11
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-51333-F-9-A MSD
Misc Info : 460-51333-F-9-A MSD
Comment   :
Method   : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/8270C_11.m
Meth Date : 28-Feb-2013 01:27 asfawa Quant Type: ISTD
Cal Date : 26-FEB-2013 11:40 Cal File: x34595.d
Als bottle: 12 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.427	1.415	(0.358)	180679	19.9331	38
	19 N-Nitrosodimethylamine	74	1.633	1.633	(0.410)	274671	21.1372	40
	71 Pyridine	79	1.657	1.656	(0.416)	320026	13.7489	26
$	16 2-Fluorophenol (SUR)	112	2.721	2.727	(0.683)	427231	18.8551	36
	110 Benzaldehyde	77	3.545	3.539	(0.889)	705572	81.9384	160(R)
	73 Aniline	93	3.656	3.662	(0.917)	769402	24.8249	47
$	17 Phenol-d5 (SUR)	99	3.639	3.656	(0.913)	314533	12.1262	23
	1 Phenol	94	3.656	3.668	(0.917)	409387	14.5623	28
	20 bis(2-Chloroethyl)ether	93	3.727	3.733	(0.935)	872243	43.1153	82
	2 2-Chlorophenol	128	3.780	3.786	(0.948)	886451	37.4906	71
	113 n-decane	43	3.839	3.844	(0.963)	677415	32.4458	62(R)
	21 1,3-Dichlorobenzene	146	3.933	3.933	(0.987)	1068752	38.4988	73
*	79 1,4-Dichlorobenzene-d4	152	3.986	3.986	(1.000)	666836	40.0000	
	22 1,4-Dichlorobenzene	146	4.003	4.003	(1.004)	1070201	38.4697	73
	74 Benzyl Alcohol	108	4.139	4.144	(1.038)	447902	32.7250	62

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34685.d
Report Date: 28-Feb-2013 11:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	4.156	4.156	(1.043)	995273	38.9380	74
	24 bis (2-chloroisopropyl) ether	45	4.274	4.274	(1.072)	836764	37.1096	71
	3 2-Methylphenol	108	4.268	4.274	(1.071)	597942	31.8414	61
	104 Acetophenone	105	4.403	4.409	(1.105)	1153136	42.6793	81
	25 N-Nitroso-di-n-propylamine	70	4.415	4.421	(1.108)	543705	39.9502	76
	4 4-Methylphenol	108	4.427	4.433	(1.111)	542715	29.4324	56
	123 3 & 4 Methylphenol	108	4.427	4.433	(1.111)	546202	29.5974	56
	26 Hexachloroethane	117	4.497	4.497	(1.128)	402014	39.1286	74
$	76 Nitrobenzene-d5 (SUR)	82	4.556	4.556	(0.863)	866261	38.6785	74
	27 Nitrobenzene	77	4.580	4.580	(0.867)	1155649	38.7161	74
	107 N,N-Dimethylaniline	120	4.580	4.580	(1.149)	1127097	36.5274	70
	28 Isophorone	82	4.821	4.821	(0.913)	1353538	39.3982	75
	5 2-Nitrophenol	139	4.897	4.897	(0.928)	474164	41.8283	80
	6 2,4-Dimethylphenol	122	4.962	4.962	(0.940)	697546	38.6031	74
	29 bis(2-Chloroethoxy)methane	93	5.050	5.050	(0.957)	898192	41.2052	78
	7 2,4-Dichlorophenol	162	5.150	5.150	(0.975)	683659	41.8875	80
	30 1,2,4-Trichlorobenzene	180	5.227	5.221	(0.990)	787550	39.8227	76
*	80 Naphthalene-d8	136	5.280	5.274	(1.000)	2340692	40.0000	
	31 Naphthalene	128	5.297	5.297	(1.003)	2445838	39.6641	76
	32 4-Chloroaniline	127	5.362	5.362	(1.016)	836856	39.9785	76
	33 Hexachlorobutadiene	225	5.433	5.433	(1.029)	460946	38.7539	74
	111 Caprolactam	113	5.727	5.744	(1.085)	31190	8.30610	16
	8 4-Chloro-3-methylphenol	107	5.874	5.880	(1.113)	607818	41.1845	78
	34 2-Methylnaphthalene	142	5.992	5.991	(1.135)	1554105	41.1298	78
	120 1-Methylnaphthalene	142	6.091	6.091	(1.154)	1434273	37.7022	72
	35 Hexachlorocyclopentadiene	237	6.162	6.162	(0.877)	381358	32.8765	63
	129 1,2,4,5-Tetrachlorobenzene	216	6.168	6.168	(0.878)	685724	37.3607	71
	9 2,4,6-Trichlorophenol	196	6.286	6.285	(0.895)	449140	42.0534	80
	10 2,4,5-Trichlorophenol	196	6.321	6.327	(0.900)	448685	43.6010	83
$	77 2-Fluorobiphenyl (SUR)	172	6.368	6.368	(0.906)	1523130	38.5104	73
	102 Diphenyl	154	6.462	6.462	(0.920)	1846224	43.0076	82
	36 2-Chloronaphthalene	162	6.474	6.474	(0.921)	1361400	40.8781	78
	103 Diphenyl Ether	170	6.568	6.568	(0.935)	967072	40.9729	78
	37 2-Nitroaniline	65	6.586	6.585	(0.937)	370899	40.8290	78
	38 Dimethylphthalate	163	6.780	6.780	(0.965)	1345051	44.3872	84
	40 2,6-Dinitrotoluene	165	6.833	6.832	(0.972)	306235	44.4923	85
	39 Acenaphthylene	152	6.886	6.885	(0.980)	2096992	42.3075	80
	41 3-Nitroaniline	138	6.997	6.997	(0.996)	303690	46.3885	88
*	82 Acenaphthene-d10	164	7.027	7.027	(1.000)	1074111	40.0000	
	42 Acenaphthene	154	7.056	7.056	(1.004)	1222656	42.4868	81
	11 2,4-Dinitrophenol	184	7.097	7.097	(1.010)	104869	49.8425	95
	12 4-Nitrophenol	65	7.186	7.185	(1.023)	56028	13.2424	25(a)
	43 Dibenzofuran	168	7.227	7.227	(1.028)	1718873	41.5499	79
	44 2,4-Dinitrotoluene	165	7.227	7.227	(1.028)	362114	44.8989	86
	130 2,3,4,6-Tetrachlorophenol	232	7.356	7.356	(1.047)	289132	42.4175	81
	45 Diethylphthalate	149	7.474	7.474	(1.064)	1258819	44.3851	84
	47 Fluorene	166	7.562	7.562	(1.076)	1381857	42.3723	81

Data File: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34685.d
Report Date: 28-Feb-2013 11:05

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	46	4-Chlorophenyl-phenylether	204	7.568	7.568	(1.077)	673563	43.4115	83
	48	4-Nitroaniline	138	7.597	7.597	(1.081)	244682	46.4619	88
	13	4,6-Dinitro-2-methylphenol	198	7.627	7.627	(0.899)	176012	52.7500	100
	49	N-Nitrosodiphenylamine	169	7.691	7.691	(0.907)	912323	44.4813	85
	75	1,2-Diphenylhydrazine	77	7.727	7.727	(0.911)	1229265	34.5537	66
$	18	2,4,6-Tribromophenol (SUR)	330	7.803	7.803	(1.110)	180071	42.5404	81
	50	4-Bromophenyl-phenylether	248	8.044	8.044	(0.949)	364071	41.9423	80
	51	Hexachlorobenzene	284	8.109	8.109	(0.956)	381848	42.2393	80
	112	Atrazine	200	8.221	8.227	(0.969)	247103	38.0282	72
	14	Pentachlorophenol	266	8.309	8.309	(0.980)	199552	43.0243	82
	115	n-Octadecane	57	8.403	8.403	(0.991)	667263	37.3446	71
*	83	Phenanthrene-d10	188	8.480	8.479	(1.000)	1307875	40.0000	
	52	Phenanthrene	178	8.503	8.503	(1.003)	1581544	42.1674	80
	53	Anthracene	178	8.550	8.550	(1.008)	1579750	41.9196	80
	54	Carbazole	167	8.715	8.715	(1.028)	1271250	44.4031	84
	55	Di-n-butylphthalate	149	9.074	9.074	(1.070)	1598658	45.1988	86
	56	Fluoranthene	202	9.662	9.662	(1.139)	1349591	44.1079	84
	58	Benzidine	184	9.803	9.803	(1.156)	45245	14.0609	27
	57	Pyrene	202	9.885	9.885	(0.885)	1304008	39.5740	75
$	78	Terphenyl-d14	244	10.044	10.044	(0.899)	807401	36.5864	70
	59	Butylbenzylphthalate	149	10.556	10.556	(0.945)	508524	44.1570	84
	60	3,3'-Dichlorobenzidine	252	11.132	11.138	(0.997)	289192	51.6094	98
	61	Benzo(a)anthracene	228	11.150	11.156	(0.998)	920357	40.3993	77
*	81	Chrysene-d12	240	11.168	11.168	(1.000)	719093	40.0000	
	62	Chrysene	228	11.197	11.197	(1.003)	863932	42.9403	82
	63	bis(2-Ethylhexyl)phthalate	149	11.221	11.220	(1.005)	661544	45.4282	86
	64	Di-n-octylphthalate	149	12.026	12.032	(0.926)	901577	43.4837	83
	65	Benzo(b)fluoranthene	252	12.485	12.485	(0.961)	683588	40.3659	77
	66	Benzo(k)fluoranthene	252	12.521	12.520	(0.964)	739408	41.3376	79
	67	Benzo(a)pyrene	252	12.909	12.909	(0.994)	579186	42.7035	81
*	84	Perylene-d12	264	12.985	12.985	(1.000)	563830	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.385	14.391	(1.108)	535253	40.6223	77
	69	Dibenz(a,h)anthracene	278	14.420	14.426	(1.111)	568744	38.4601	73
	70	Benzo(g,h,i)perylene	276	14.756	14.756	(1.136)	582379	42.2534	80

QC Flag Legend

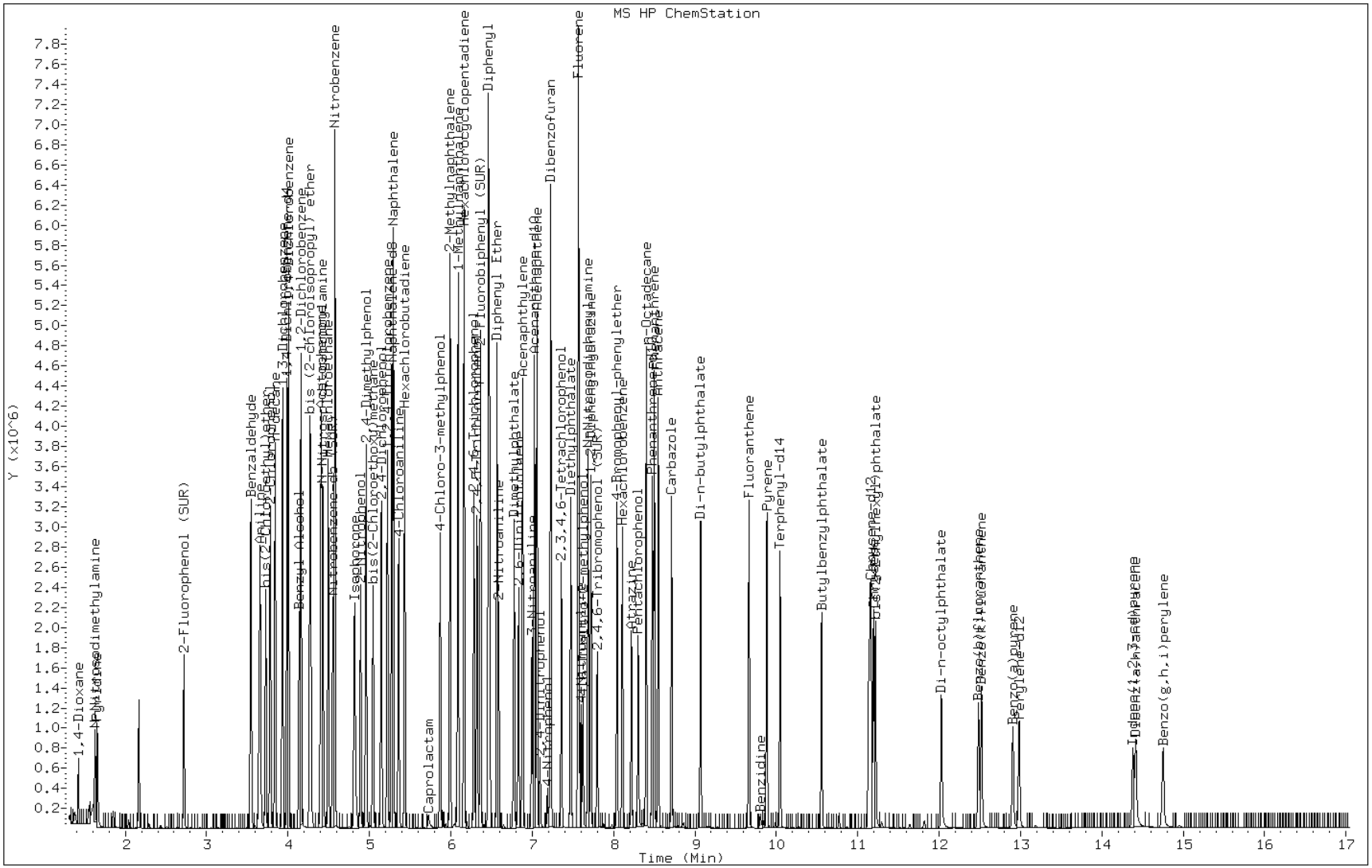
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: x34685.d

Date: 28-FEB-2013 05:11

Client ID: 130041-MW9D-80FT Instrument: BNAMS5.i

Sample Info: 460-51333-F-9-A MSD Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 02/18/2013 13:33

Analysis Batch Number: 147868 End Date: 02/18/2013 17:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-147868/1		02/18/2013 13:33	1	z18528.d	Rtx-5MS 0.25(mm)
ICIS 460-147868/2		02/18/2013 13:49	1	z18529.d	Rtx-5MS 0.25(mm)
IC 460-147868/3		02/18/2013 14:30	1	z18530.d	Rtx-5MS 0.25(mm)
IC 460-147868/4		02/18/2013 14:54	1	z18531.d	Rtx-5MS 0.25(mm)
IC 460-147868/5		02/18/2013 15:18	1	z18532.d	Rtx-5MS 0.25(mm)
IC 460-147868/6		02/18/2013 15:43	1	z18533.d	Rtx-5MS 0.25(mm)
IC 460-147868/7		02/18/2013 16:07	1	z18534.d	Rtx-5MS 0.25(mm)
ZZZZZ		02/18/2013 17:36	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/01/2013 03:32

Analysis Batch Number: 149265 End Date: 03/01/2013 15:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-149265/1		03/01/2013 03:32	1	z19186.d	Rtx-5MS 0.25(mm)
CCVIS 460-149265/2		03/01/2013 03:53	1	z19187.d	Rtx-5MS 0.25(mm)
LCSD 460-149066/3-A		03/01/2013 07:43	1	z19196.d	Rtx-5MS 0.25(mm)
MB 460-149066/1-A		03/01/2013 08:08	1	z19197.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 08:57	1		Rtx-5MS 0.25(mm)
460-51333-15	130041-MW-5-45FT	03/01/2013 09:21	1	z19200.d	Rtx-5MS 0.25(mm)
460-51333-16	130041-MW-6-55FT	03/01/2013 09:46	1	z19201.d	Rtx-5MS 0.25(mm)
460-51333-18	130041-MW-1-45FT	03/01/2013 10:10	1	z19202.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 10:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 11:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 11:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 12:12	1		Rtx-5MS 0.25(mm)
LCS 460-149066/2-A		03/01/2013 12:37	1	z19208.d	Rtx-5MS 0.25(mm)
460-51333-19	130041-MW-9S-40FT	03/01/2013 13:01	1	z19209.d	Rtx-5MS 0.25(mm)
460-51333-21	130041-MW-7D-55FT	03/01/2013 13:26	1	z19210.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 13:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 14:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 14:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/01/2013 15:04	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 02/26/2013 09:26

Analysis Batch Number: 148948 End Date: 02/26/2013 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-148948/1		02/26/2013 09:26	1	x34589.d	Rtx-5MS 0.25(mm)
ICIS 460-148948/2		02/26/2013 09:42	1	x34590.d	Rtx-5MS 0.25(mm)
IC 460-148948/3		02/26/2013 10:06	1	x34591.d	Rtx-5MS 0.25(mm)
IC 460-148948/4		02/26/2013 10:29	1	x34592.d	Rtx-5MS 0.25(mm)
IC 460-148948/5		02/26/2013 10:53	1	x34593.d	Rtx-5MS 0.25(mm)
IC 460-148948/6		02/26/2013 11:16	1	x34594.d	Rtx-5MS 0.25(mm)
IC 460-148948/7		02/26/2013 11:40	1	x34595.d	Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 12:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 13:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 13:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 14:18	20		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 14:41	20		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 15:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 15:28	5		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 17:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 17:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 17:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 18:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 18:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 19:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/26/2013 19:24	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 02/28/2013 00:48

Analysis Batch Number: 149088 End Date: 02/28/2013 11:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-149088/1		02/28/2013 00:48	1	x34674.d	Rtx-5MS 0.25(mm)
CCVIS 460-149088/2		02/28/2013 01:11	1	x34675.d	Rtx-5MS 0.25(mm)
LCS 460-148840/2-A		02/28/2013 01:37	1	x34676.d	Rtx-5MS 0.25(mm)
MB 460-148840/1-A		02/28/2013 02:01	1	x34677.d	Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 02:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 03:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 03:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 04:00	1		Rtx-5MS 0.25(mm)
460-51333-9	130041-MW9D-80FT	02/28/2013 04:24	1	x34683.d	Rtx-5MS 0.25(mm)
460-51333-9 MS	130041-MW9D-80FT MS	02/28/2013 04:47	1	x34684.d	Rtx-5MS 0.25(mm)
460-51333-9 MSD	130041-MW9D-80FT MSD	02/28/2013 05:11	1	x34685.d	Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 06:23	5		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 06:47	5		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 07:11	5		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 07:34	5		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 08:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 09:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 09:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 09:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 10:21	2		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 10:56	2		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 11:20	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 02/28/2013 12:36

Analysis Batch Number: 149146 End Date: 02/28/2013 23:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-149146/1		02/28/2013 12:36	1	x34701.d	Rtx-5MS 0.25(mm)
CCVIS 460-149146/2		02/28/2013 12:55	1	x34702.d	Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 14:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 14:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 15:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 15:31	1		Rtx-5MS 0.25(mm)
460-51333-1	130041-MW10R-45FT	02/28/2013 15:54	1	x34709.d	Rtx-5MS 0.25(mm)
460-51333-3	130041-MW8S-50FT	02/28/2013 16:18	1	x34710.d	Rtx-5MS 0.25(mm)
460-51333-6	130041-MW-2-45FT	02/28/2013 16:42	1	x34711.d	Rtx-5MS 0.25(mm)
460-51333-7	130041-MW-4-45FT	02/28/2013 17:06	1	x34712.d	Rtx-5MS 0.25(mm)
460-51333-10	130041-MW8D-58FT	02/28/2013 17:30	1	x34713.d	Rtx-5MS 0.25(mm)
460-51333-12	130041-MW7S-40FT	02/28/2013 17:54	1	x34714.d	Rtx-5MS 0.25(mm)
460-51333-13	130041-MW11R-45FT	02/28/2013 18:17	1	x34715.d	Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 18:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 19:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 19:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 19:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 20:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 21:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 21:28	1		Rtx-5MS 0.25(mm)
460-51333-4	130041-MW-3-45FT	02/28/2013 21:52	1	x34724.d	Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 22:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 23:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 23:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		02/28/2013 23:51	1		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/02-18-13/18feb13.b

Date Generated: 02/19/2013

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												147868
02/18/13 1333	z18528.d	1	DFTPP-1896725	—	—	10	0	1	2.0	all	4725 4737	fouling pentane > 1.00 benzene > 1.14
02/18/13 1349	z18529.d	2	ICIS-1995803	—	—	15	1	1	1.0	all	4737	@ 2/19/13
02/18/13 1430	z18530.d	3	IC-1995804	—	—	15	1	1	1.0	all	4737	
02/18/13 1454	z18531.d	4	IC-1995805	—	—	15	1	1	1.0	all	4737	
02/18/13 1518	z18532.d	5	IC-1995806	—	—	15	1	1	1.0	all	4737	
02/18/13 1543	z18533.d	6	IC-1995807	—	—	15	1	1	1.0	all	4737	8270 range good except for benzaldehyde benzidine
02/18/13 1607	z18534.d	7	IC-1995842	—	—	15	1	1	1.0	all	4737	
02/18/13 1657	z18535.d	8	icv	18feb13	—	1000	1	1	1.0	all	4733	
02/18/13 1736	z18536.d	9	LCS 460-147045/2-A	460-147045	—	1000	2	1	1.0	all-h2	—	3 good compounds within 65 to 135%

Signed: Michael Moss Read and Understood by: W. [illegible]

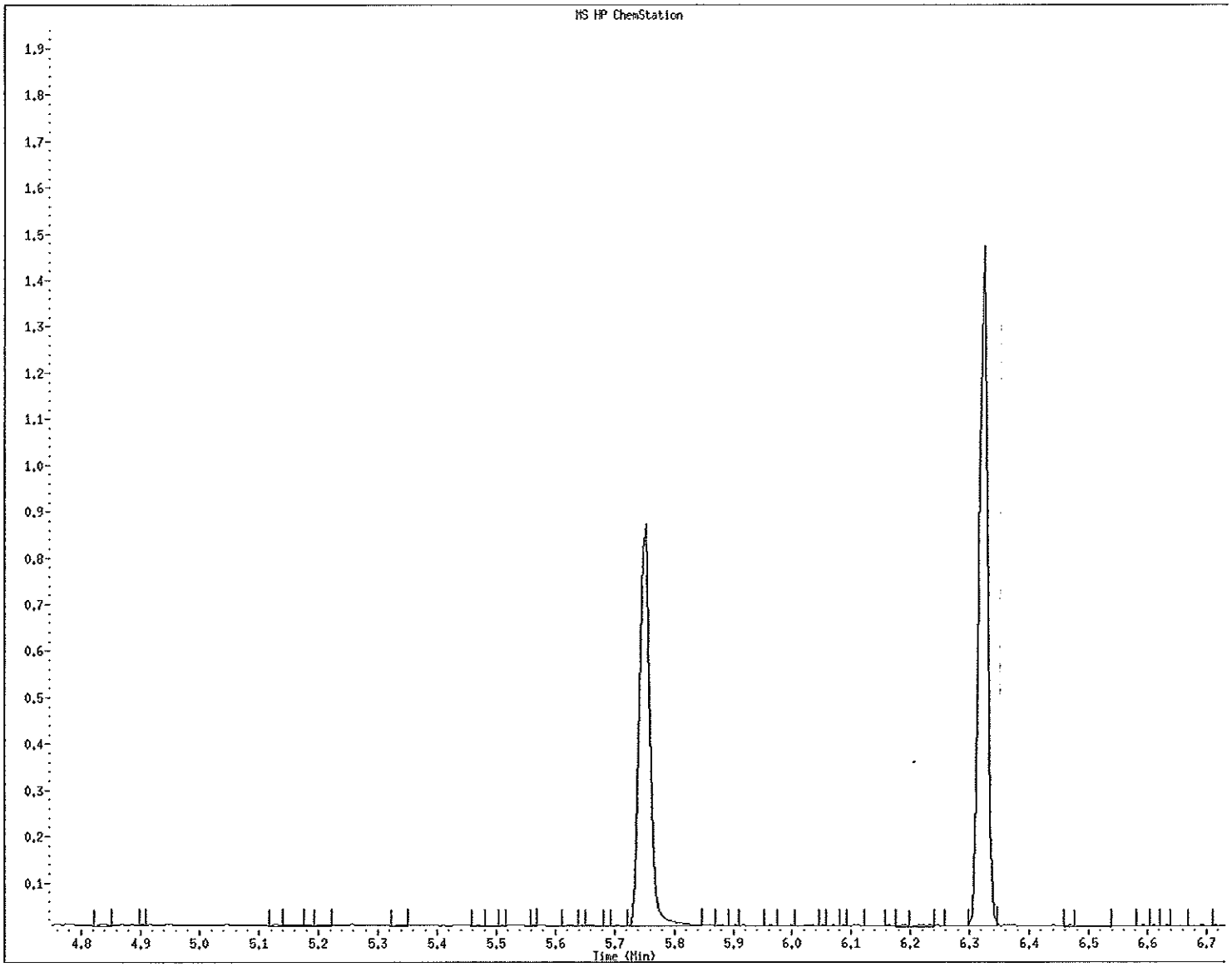
Date: 2/19/13 Date: 2-20-13

Method : /chem/BNAMS11.i/8270/02-18-13/18feb13.b/BNADFTPP.m
Sample Info : DFTPP-1896725
Lab ID : DFTPP-1896725 Inst ID : BNAMS11.i
Inj Date : 18-FEB-2013 13:33 Dil Factor : 1
Operator : BNA2 Sample Matrix : NONE
Cpnd Sublist: all

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	0.00%
Endrin	0.00%

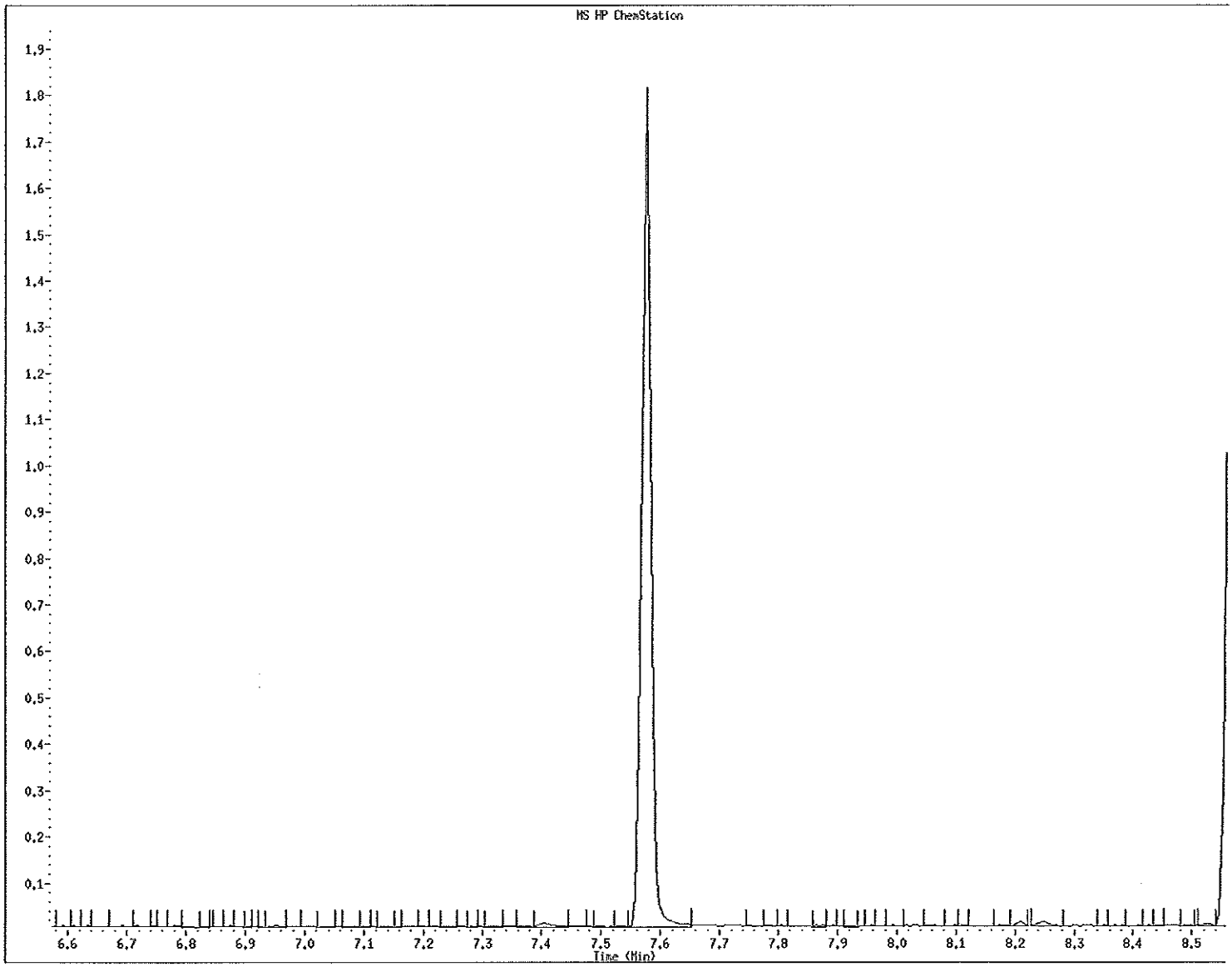
SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18528.d
Method Used: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/TAIL.m
Injection Date: 18-FEB-2013 13:33
Report Date: 02/18/2013 15:10



Tailing Analysis on Pentachlorophenol

Tailing factor for Pentachlorophenol OK
Tail Factor = 1.006 Maximum Allowed = 3.0

SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/z18528.d
Method Used: /chem/BNAMS11.i/8270/02-18-13/18feb13.b/TAIL.m
Injection Date: 18-FEB-2013 13:33
Report Date: 02/18/2013 15:10



Tailing Analysis on Benzidine

Tailing factor for Benzidine OK
Tail Factor = 1.114 Maximum Allowed = 3.0

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/26feb13.b

Date Generated: 02/27/2013

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												148948
02/26/13 0926	x34589.d	1	DFTPP-1896725			0	0	1	2.0	all	BNA 4725	G PCP tail = 1.050 Benzidine tail = 0.961
02/26/13 0942	x34590.d	2	ICIS-1995803			15	1	1	1.0	all	BNA 4727	G
02/26/13 1006	x34591.d	3	IC-1995804			15	1	1	1.0	all		G
02/26/13 1029	x34592.d	4	IC-1995805			15	1	1	1.0	all		G Good 8270
02/26/13 1053	x34593.d	5	IC-1995806			15	1	1	1.0	all		G NA: Benzaldehyde,
02/26/13 1116	x34594.d	6	IC-1995807			15	1	1	1.0	all		G Benzidine
02/26/13 1140	x34595.d	7	IC-1995842			15	1	1	1.0	all		G
02/26/13 1212	x34596.d	8	icv	26feb13		1000	1	1	1.0	all	BNA 4733	G
02/26/13 1242	x34597.d	9	LCS 460-148449/2-A	460-148449		1000	2	1	1.0	all-h2		G
02/26/13 1306	x34598.d	10	LCSD 460-148449/3-A	460-148449		1000	2	1	1.0	all-h2		NG (SPK high)
02/26/13 1329	x34599.d	11	MB 460-148449/1-A	460-148449		1000	2	1	1.0	all-h2		G
02/26/13 1354	x34600.d	12	LCSD 460-148449/3-A	26feb13		1000	2	1	1.0	all-h2		G
02/26/13 1418	x34601.d	13	460-51071-G-14-A	460-148313	02/22/13	550	1	20	1.0	all-h2		G RR for Benzaldehyde
02/26/13 1441	x34602.d	14	460-51071-F-17-A	460-148313	02/22/13	450	1	20	1.0	all-h2		G RR for Benzaldehyde

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/26feb13.b

Date Generated: 02/27/2013

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
02/26/13 1505	x34603.d	15	460-51078-I-3-A	460-148313	02/22/13	980	2	1	1.0	all-h2		G
02/26/13 1528	x34604.d	16	460-51028-G-21-A	460-148159	02/21/13	600	1	5	1.0	all-h2		G RR for Benzaldehyde
02/26/13 1552	x34605.d	17	LCS 460-148597/2-A	26feb13		1000	2	1	1.0	all-h2		RR (SPK high)
02/26/13 1616	x34606.d	18	LCSD 460-148597/3-A	26feb13		1000	2	1	1.0	all-h2		RR (SPK high)
02/26/13 1639	x34607.d	19	MB 460-148597/1-A	26feb13		1000	2	1	1.0	all-h2		RR (1 sur high)
02/26/13 1703	x34608.d	20	460-51200-F-1-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		G
02/26/13 1726	x34609.d	21	460-51200-G-3-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		G
02/26/13 1750	x34610.d	22	460-51200-H-4-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		G
02/26/13 1813	x34611.d	23	460-51200-G-5-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		G
02/26/13 1837	x34612.d	24	460-51200-G-6-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		G
02/26/13 1900	x34613.d	25	460-51200-H-7-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		G
02/26/13 1924	x34614.d	26	460-51200-G-8-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		G
02/26/13 1948	x34615.d	27	460-51200-G-9-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		RR 2x
02/26/13 2012	x34616.d	28	460-51200-H-10-A	460-148597	02/25/13	1000	2	1	1.0	all-h2		RR 2x

03/11/2013

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/26feb13.b

Date Generated: 02/27/2013

Page 3

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
02/26/13 2035	x34617.d	29	460-51161-D-5-A	460-148449	02/23/13	1000	2	1	1.0	all-h2		G
02/26/13 2059	x34618.d	30	blk	26feb13		15	1	1	1.0	all		-

Signed: VR

Date: 2-27-13

Read and Understood by: [signature]

Date: 02.27.13

Note~ Dilutions prepared as follows:
Dil = Dilution Factor

2x: 300ul sample/ 300ul $MeCl_2$/ 6ul ISTD
5x: 200ul sample/ 800ul $MeCl_2$/ 16ul ISTD
10x: 100ul sample/ 900ul $MeCl_2$/ 18ul ISTD

20x: Prepared 2x from 10x
25x: Prepared 5x from 5x
50x: Prepared 5x from 10x
100x: Prepared 10x from 10x
200x: Prepared 2x from 100x
250x: Prepared 5x from 50x
500x: Prepared 5x from 100x
1000x: Prepared 10x from 100x

Data File: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34589.d Page 1
Report Date 02/26/2013 09:32

Method : /chem/BNAMS5.i/8270/02-26-13/26feb13.b/BNADFTPP.m
Sample Info : DFTPP-1896725
Lab ID : DFTPP-1896725 Inst ID : BNAMS5.i
Inj Date : 26-FEB-2013 09:26 Dil Factor : 1
Operator : BNA2 Sample Matrix : NONE
Cpnd Sublist: all

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	0.00%
Endrin	0.00%

SEMI-VOLATILE TAILING ANALYSIS

Datafile Analyzed: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34589.d
Method Used: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/TAIL.m
Injection Date: 26-FEB-2013 09:26
Report Date: 02/26/2013 09:31

Tailing Analysis on Pentachlorophenol

Tailing factor for Pentachlorophenol OK
Tail Factor = 1.050 Maximum Allowed = 3.0

SEMI-VOLATILE TAILING ANALYSIS

Datafile Analyzed: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/x34589.d
Method Used: /chem/BNAMS5.i/8270/02-26-13/26feb13.b/TAIL.m
Injection Date: 26-FEB-2013 09:26
Report Date: 02/26/2013 09:31

Tailing Analysis on Benzidine

Tailing factor for Benzidine OK
Tail Factor = 0.961 Maximum Allowed = 3.0

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/28feb13.b

Date Generated: 02/28/2013

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												149088 tuning
02/28/13 0048	x34674.d	1	DFTPP-1896725	—	—	0	0	1	2.0	all	M725	6 pentane 1.489 benzo 1.348
02/28/13 0111	x34675.d	2	CCVIS-1995803	—	—	15	1	1	1.0	all	M737	6 no benzaldehyde benzidine
02/28/13 0137	x34676.d	3	LCS 460-148840/2-A	28feb13	—	1000	2	1	1.0	all	—	6
02/28/13 0201	x34677.d	4	MB 460-148840/1-A	28feb13	—	1000	2	1	1.0	all	—	6
02/28/13 0225	x34678.d	5	460-51253-D-6-A	460-148840	02/27/13	990	2	1	1.0	all	—	CF for original extract 6 4 surrs
02/28/13 0249	x34679.d	6	460-51254-D-6-A	460-148840	02/27/13	990	2	1	1.0	all	—	6
02/28/13 0312	x34680.d	7	460-51332-D-16-A	460-148840	02/27/13	920	2	1	1.0	all	—	6
02/28/13 0336	x34681.d	8	LCS 460-148888/2-A	28feb13	—	15	1	1	1.0	all-so	—	6
02/28/13 0400	x34682.d	9	MB 460-148888/1-A	28feb13	—	15	1	1	1.0	all-so	—	6
02/28/13 0424	x34683.d	10	460-51333-H-9-A	460-148840	02/27/13	1050	2	1	1.0	all	—	6
02/28/13 0447	x34684.d	11	460-51333-G-9-A MS	460-148840	02/27/13	1050	2	1	1.0	all	—	6
02/28/13 0511	x34685.d	12	460-51333-F-9-A MSD	460-148840	02/27/13	1050	2	1	1.0	all	—	6
02/28/13 0535	x34686.d	13	460-51269-A-1-F	460-148888	02/27/13	15.1	1	5	1.0	all-so	—	RL 2x
02/28/13 0559	x34687.d	14	460-51269-A-2-D	460-148888	02/27/13	15.0	1	5	1.0	all-so	—	RL 2x

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/28feb13.b

Date Generated: 02/28/2013

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
02/28/13 0623	x34688.d	15	460-51269-A-3-D	460-148888	02/27/13	15.0	1	5	1.0	all-so	—	RRDs
02/28/13 0647	x34689.d	16	460-51269-A-4-D	460-148888	02/27/13	15	1	5	1.0	all-so	—	6 hrs in acidic pH 2 hrs surr low C Pattern
02/28/13 0711	x34690.d	17	460-51269-A-5-D	460-148888	02/27/13	15.0	1	5	1.0	all-so	—	6 ↓
02/28/13 0734	x34691.d	18	460-51269-A-6-D	460-148888	02/27/13	15.0	1	5	1.0	all-so	—	6 ↓ Rerun surr low ⓒ 2/28/13
02/28/13 0758	x34692.d	19	460-51259-E-6-C	460-148888	02/27/13	15.0	1	5	1.0	all-so	—	RRDs
02/28/13 0822	x34693.d	20	460-51186-E-34-D	460-148888	02/27/13	15.0	1	1	1.0	all-so	—	6
02/28/13 0846	x34694.d	21	460-51186-E-34-B MS	460-148888	02/27/13	15.0	1	1	1.0	all-so	—	6
02/28/13 0910	x34695.d	22	460-51186-E-34-CMSD	460-148888	↓	15	1	1	1.0	all-so	—	6
02/28/13 0933	x34696.d	23	460-51114-A-10-B	460-148888	02/27/13	15.0	1	1	1.0	all-so	—	6
02/28/13 0957	x34697.d	24	460-51261-B-1-C	460-148888	02/27/13	15.0	1	1	1.0	all-so	—	6
02/28/13 1021	x34698.d	25	460-51269-A-1-F	460-148888	02/27/13	15.1	1	2	1.0	all-so	—	6 hrs in acidic pH
02/28/13 1056	x34699.d	26	460-51269-A-2-D	460-148888	02/27/13	15.0	1	2	1.0	all-so	—	6 hrs in acidic pH Rerun surr low ⓒ 2/28/13
02/28/13 1120	x34700.d	27	460-51269-A-3-D	460-148888	02/27/13	15.0	1	2	1.0	all-so	—	6 hrs in acidic pH 2 Rerun surr low C Pattern.

Signed: Michael Moore Read and Understood by:

Date: 2/28/13 Date: 02.28.13

Note~ Dilutions prepared as follows:
Dil = Dilution Factor

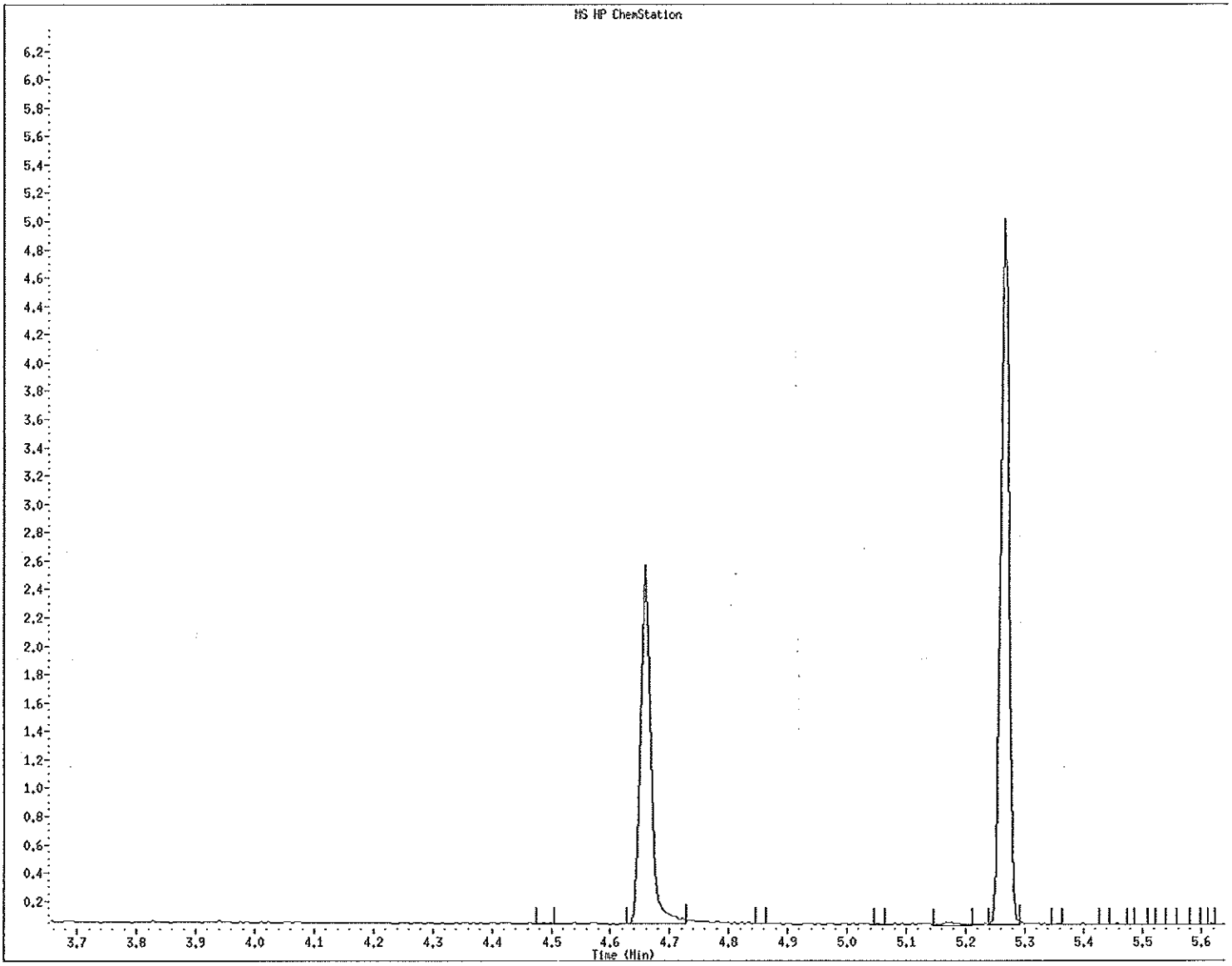
2x: 300ul sample/ 300ul $MeCl_2$/ 6ul ISTD
5x: 200ul sample/ 800ul $MeCl_2$/ 16ul ISTD
10x: 100ul sample/ 900ul $MeCl_2$/ 18ul ISTD

Method : /chem/BNAMS5.i/8270/02-26-13/28feb13.b/BNADFTPP.m
Sample Info : DFTPP-1896725
Lab ID : DFTPP-1896725 Inst ID : BNAMS5.i
Inj Date : 28-FEB-2013 00:48 Dil Factor : 1
Operator : BNAMS3 Sample Matrix : NONE
Cpnd Sublist: all

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	0.00%
Endrin	0.00%

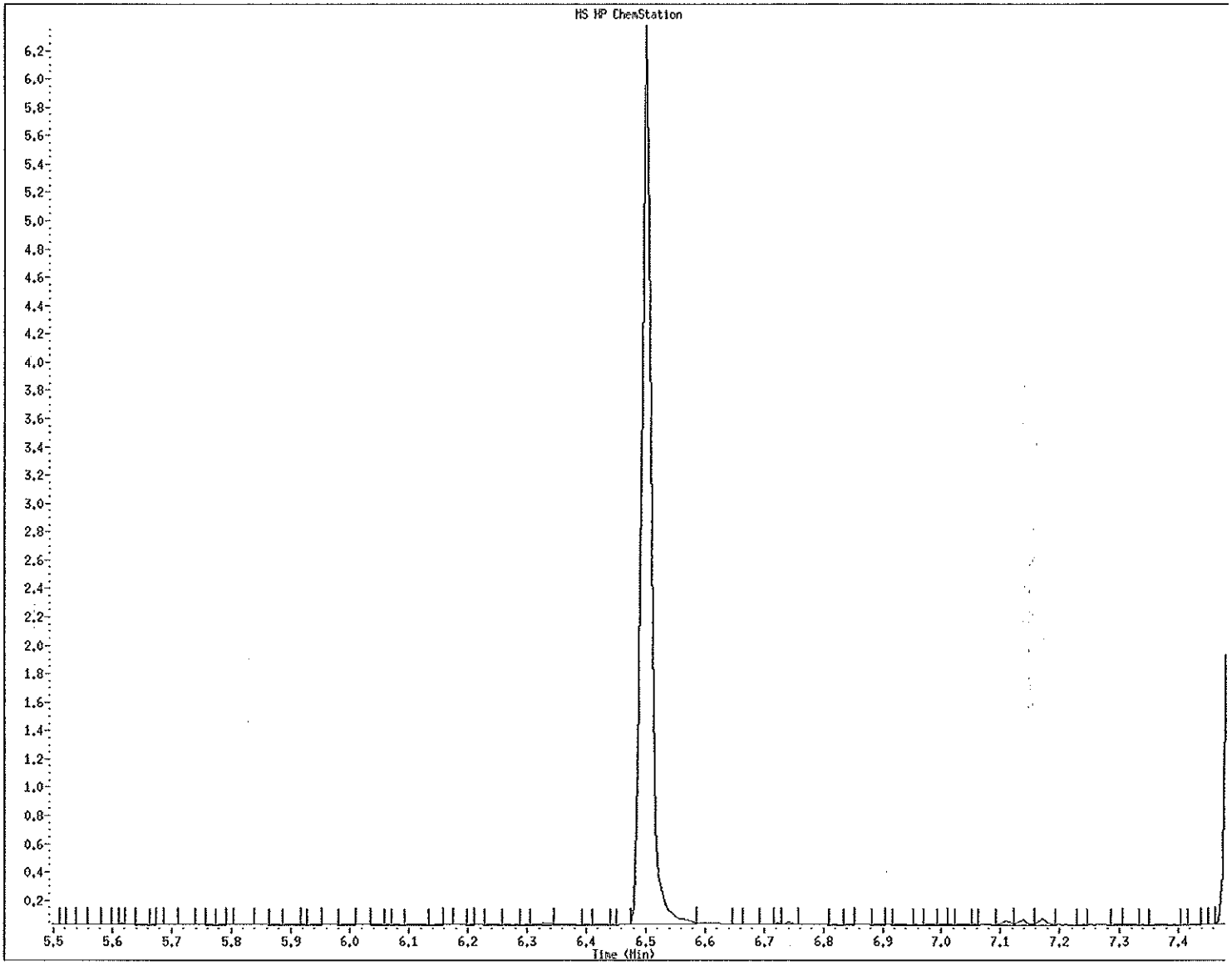
SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34674.d
Method Used: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/TAIL.m
Injection Date: 28-FEB-2013 00:48
Report Date: 02/28/2013 01:02



Tailing Analysis on Pentachlorophenol

Tailing factor for Pentachlorophenol OK
Tail Factor = 1.489 Maximum Allowed = 3.0

SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/x34674.d
Method Used: /chem/BNAMS5.i/8270/02-26-13/28feb13.b/TAIL.m
Injection Date: 28-FEB-2013 00:48
Report Date: 02/28/2013 01:02



Tailing Analysis on Benzidine

Tailing factor for Benzidine OK
Tail Factor = 1.348 Maximum Allowed = 3.0

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b

Date Generated: 03/01/2013

149146

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
02/28/13 1236	x34701.d	1	DFTPP-1896725			0	0	1	2.0	all	BNA 4725	G PCP tail=1.548 Benzidine tail=0.893
02/28/13 1255	x34702.d	2	CCVIS-1995803			15	1	1	1.0	all	BNA 4737	G (NG: Benzaldehyde, Benzidine)
02/28/13 1332	x34703.d	3	LCS 460-149026/2-A	460-149026		1000	2	1	1.0	all-h2		RR (SPK high)
02/28/13 1355	x34704.d	4	LCSD 460-149026/3-A	460-149026		1000	2	1	1.0	all-h2		RR (SPK high)
02/28/13 1419	x34705.d	5	MB 460-149026/1-A	460-149026		1000	2	1	1.0	all-h2		G
02/28/13 1443	x34706.d	6	460-51419-C-13-A	460-149026	02/28/13	980	2	1	1.0	all-h2		G
02/28/13 1507	x34707.d	7	LCS 460-149026/2-A	460-149026		1000	2	1	1.0	all-h2		G
02/28/13 1531	x34708.d	8	LCSD 460-149026/3-A	460-149026		1000	2	1	1.0	all-h2		G
02/28/13 1554	x34709.d	9	460-51333-G-1-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G
02/28/13 1618	x34710.d	10	460-51333-I-3-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G
02/28/13 1642	x34711.d	11	460-51333-G-6-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G
02/28/13 1706	x34712.d	12	460-51333-G-7-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G
02/28/13 1730	x34713.d	13	460-51333-I-10-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G
02/28/13 1754	x34714.d	14	460-51333-F-12-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b

Date Generated: 03/01/2013

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
02/28/13 1817	x34715.d	15	460-51333-I-13-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G
02/28/13 1842	x34716.d	16	460-51267-M-2-A	460-148840	02/27/13	990	2	1	1.0	all-h2		G
02/28/13 1905	x34717.d	17	460-51267-N-3-A	460-148840	02/27/13	990	2	1	1.0	all-h2		G
02/28/13 1929	x34718.d	18	460-51267-M-4-A	460-148840	02/27/13	990	2	1	1.0	all-h2		G
02/28/13 1952	x34719.d	19	460-51267-M-5-A	460-148840	02/27/13	980	2	1	1.0	all-h2		G (1 sur low)
02/28/13 2016	x34720.d	20	460-51267-N-6-A	460-148840	02/27/13	940	2	1	1.0	all-h2		G
02/28/13 2040	x34721.d	21	460-51267-N-7-A	460-148840	02/27/13	990	2	1	1.0	all-h2		RR 2x
02/28/13 2104	x34722.d	22	460-51267-N-8-A	460-148840	02/27/13	990	2	1	1.0	all-h2		G
02/28/13 2128	x34723.d	23	460-51312-H-4-A	460-148840	02/27/13	990	2	1	1.0	all-h2		G
02/28/13 2152	x34724.d	24	460-51333-G-4-A	460-148840	02/27/13	1050	2	1	1.0	all-h2		G
02/28/13 2215	x34725.d	25	LCS 460-148597/2-A	28feb13a		1000	2	1	1.0	all-h2		RR (spk high)
02/28/13 2239	x34726.d	26	LCSD 460-148597/3-A	28feb13a		1000	2	1	1.0	all-h2		~~RR (spk high)~~ G
02/28/13 2303	x34727.d	27	460-51312-J-1-A	460-149026	02/28/13	990	2	1	1.0	all-h2		G
02/28/13 2327	x34728.d	28	460-51312-G-2-A	460-149026	02/28/13	990	2	1	1.0	all-h2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i

Analytical Batch: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b

Date Generated: 03/01/2013

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
02/28/13 2351	x34729.d	29	460-51312-F-3-A	460-149026	02/28/13	990	2	1	1.0	all-h2		G

Signed: VR Read and Understood by:

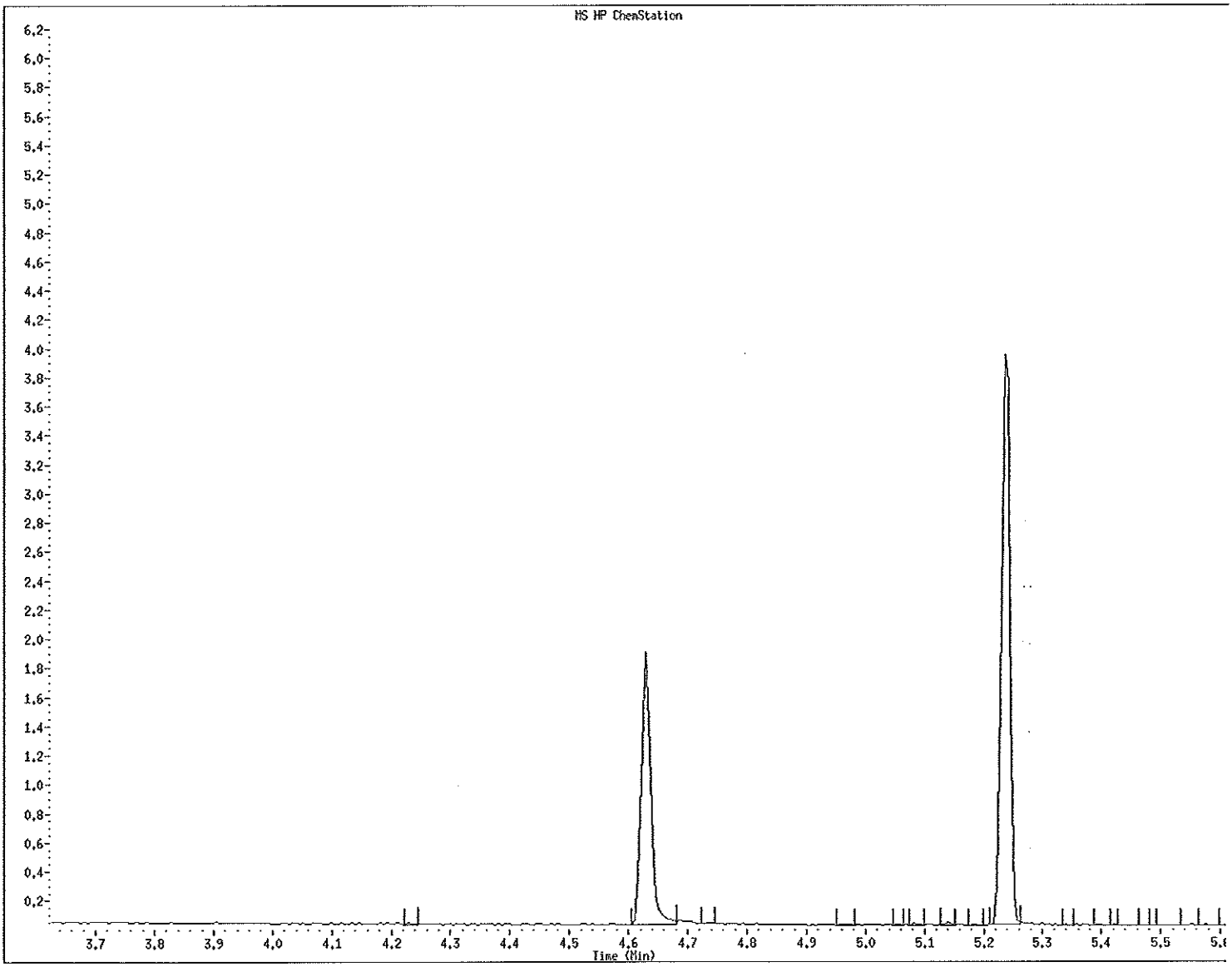
Date: 3-1-13 Date: 3-2-13

Method : /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/BNADFTPP.m
Sample Info : DFTPP-1896725
Lab ID : DFTPP-1896725 Inst ID : BNAMS5.i
Inj Date : 28-FEB-2013 12:36 Dil Factor : 1
Operator : BNA2 Sample Matrix : NONE
Cpnd Sublist: all

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	0.00%
Endrin	0.00%

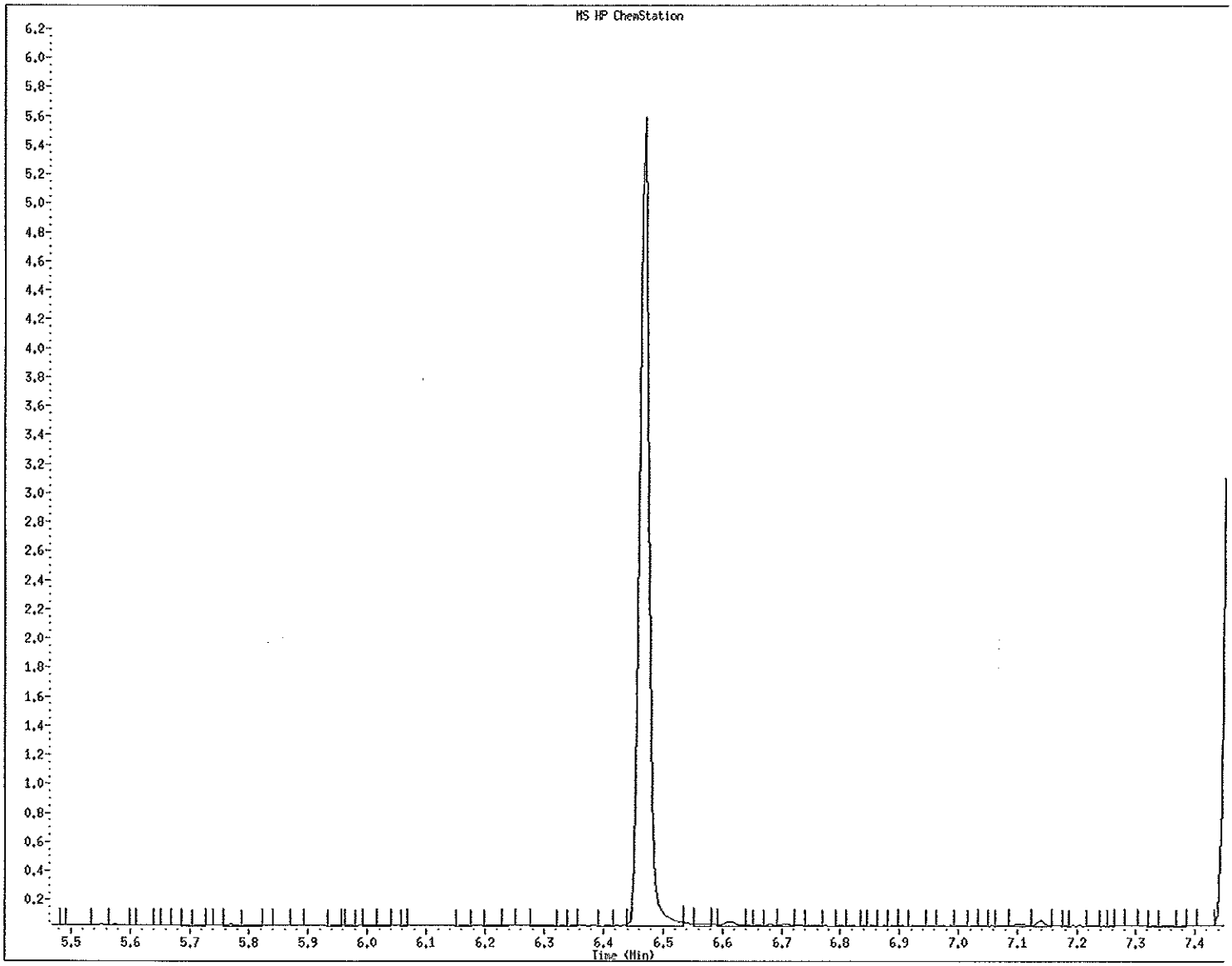
SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34701.d
Method Used: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/TAIL.m
Injection Date: 28-FEB-2013 12:36
Report Date: 02/28/2013 12:42



Tailing Analysis on Pentachlorophenol

Tailing factor for Pentachlorophenol OK
Tail Factor = 1.548 Maximum Allowed = 3.0

SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/x34701.d
Method Used: /chem/BNAMS5.i/8270/02-26-13/28feb13a.b/TAIL.m
Injection Date: 28-FEB-2013 12:36
Report Date: 02/28/2013 12:42



Tailing Analysis on Benzidine

Tailing factor for Benzidine OK
Tail Factor = 0.893 Maximum Allowed = 3.0

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/02-18-13/01mar13.b

Date Generated: 03/01/2013

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												149265 Tuning
03/01/13 0332	z19186.d	1	DFTPP-1896725	—	—	0	0	1	2.0	all	M725	6 pents -> 1,086 pentes -> 883
03/01/13 0353	z19187.d	2	CCVIS-1995803	—	—	15	1	1	1.0	all	4737	6 no Benzaldehyde benzidine
03/01/13 0428	z19188.d	3	LCS 460-149055/2-A	460-149055	—	1000	2	1	1.0	jTCLP	—	
03/01/13 0452	z19189.d	4	LCSD 460-149055/3-A	460-149055	—	1000	2	1	1.0	jTCLP	—	
03/01/13 0516	z19190.d	5	MB 460-149055/1-A	460-149055	—	1000	2	1	1.0	jTCLP	—	
03/01/13 0541	z19191.d	6	460-51266-A-1-A	460-149055	02/28/13	250	2	1	1.0	jTCLP	—	Not Reported
03/01/13 0605	z19192.d	7	460-51266-A-2-A	460-149055	02/28/13	250	2	1	1.0	jTCLP	—	Large Level TCLP need to run under different method
03/01/13 0630	z19193.d	8	460-51266-A-8-A	460-149055	02/28/13	250	2	1	1.0	jTCLP	—	
03/01/13 0654	z19194.d	9	460-51266-A-9-A	460-149055	02/28/13	250	2	1	1.0	jTCLP	—	
03/01/13 0719	z19195.d	10	LCS 460-149066/2-A	460-149066	—	1000	2	1	1.0	all-h2	—	PB spike high (surrogate)
03/01/13 0743	z19196.d	11	LCSD 460-149066/3-A	460-149066	—	1000	2	1	1.0	all-h2	—	6
03/01/13 0808	z19197.d	12	MB 460-149066/1-A	460-149066	—	1000	2	1	1.0	all-h2	—	6
03/01/13 0832	z19198.d	13	460-51329-H-14-A	460-149066	02/28/13	980	2	1	1.0	all-h2	—	6
03/01/13 0857	z19199.d	14	460-51329-K-21-A	460-149066	02/28/13	980	2	1	1.0	all-h2	—	6

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/02-18-13/01mar13.b

Date Generated: 03/01/2013

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/01/13 0921	z19200.d	15	460-51333-I-15-A	460-149066	02/28/13	1000	2	1	1.0	all-h2	—	6
03/01/13 0946	z19201.d	16	460-51333-G-16-A	460-149066	02/28/13	1000	2	1	1.0	all-h2	—	6
03/01/13 1010	z19202.d	17	460-51333-F-18-A	460-149066	02/28/13	1000	2	1	1.0	all-h2	—	6
03/01/13 1034	z19203.d	18	LCS 460-149207/2-A	460-149207	—	1000	2	1	1.0	all-h2	—	Re Spike basis
03/01/13 1059	z19204.d	19	LCSD 460-149207/3-A	460-149207	—	1000	2	1	1.0	all-h2	—	6
03/01/13 1123	z19205.d	20	MB 460-149207/1-A	460-149207	—	1000	2	1	1.0	all-h2	—	6
03/01/13 1148	z19206.d	21	460-51506-C-6-A	460-149207	03/01/13	990	2	1	1.0	all-h2	—	6
03/01/13 1212	z19207.d	22	LCS 460-149207/2-A	460-149207	—	1000	2	1	1.0	all-h2	—	6
03/01/13 1237	z19208.d	23	LCS 460-149066/2-A	460-149066	—	1000	2	1	1.0	all-h2	—	6
03/01/13 1301	z19209.d	24	460-51333-G-19-A	460-149066	02/28/13	1000	2	1	1.0	all-h2	—	6
03/01/13 1326	z19210.d	25	460-51333-G-21-A	460-149066	02/28/13	1000	2	1	1.0	all-h2	—	6
03/01/13 1350	z19211.d	26	460-51338-F-2-A	460-149066	02/28/13	1000	2	1	1.0	all-h2	—	6
03/01/13 1415	z19212.d	27	460-51338-G-3-A	460-149066	02/28/13	980	2	1	1.0	all-h2	—	6
03/01/13 1439	z19213.d	28	460-51338-F-4-A	460-149066	02/28/13	980	2	1	1.0	all-h2	—	6

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/02-18-13/01mar13.b

Date Generated: 03/01/2013

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/01/13 1504	z19214.d	29	460-51480-O-1-A	460-149207	03/01/13	1050	2	1	1.0	all-h2	-	6
03/01/13 1528	z19215.d	30	460-51431-E-4-A	460-149066	02/28/13	970	2	2	1.0	all-h2	-	Remake dilution BE 4 mo-lcs

Signed: Mukul Mistry Read and Understood by: [signature]

Date: 3/1/13 Date: 3-4-13

Note~ Dilutions prepared as follows:
Dil = Dilution Factor

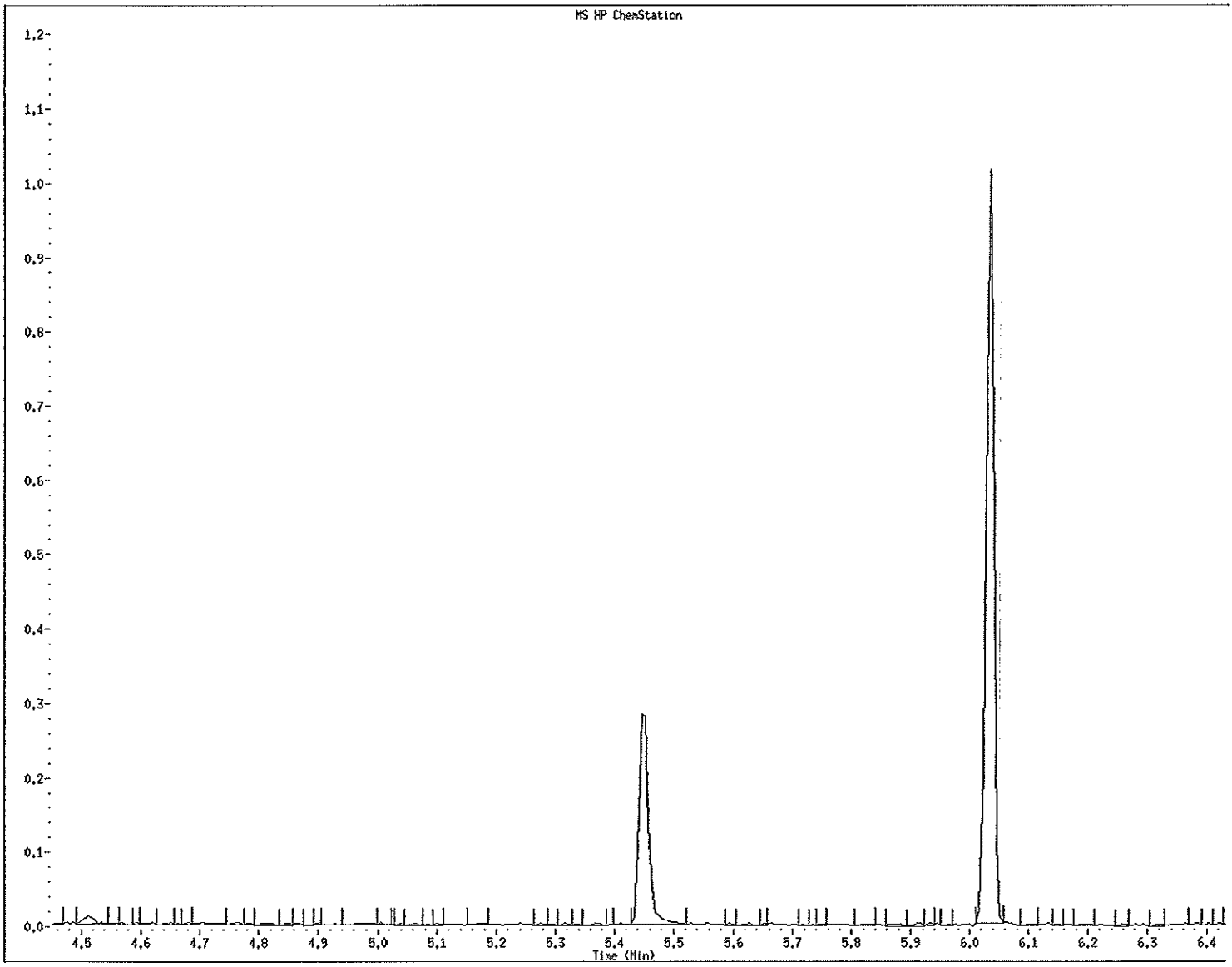
2x: 300ul sample/ 300ul $MeCl_2$/ 6ul ISTD
5x: 200ul sample/ 800ul $MeCl_2$/ 16ul ISTD
10x: 100ul sample/ 900ul $MeCl_2$/ 18ul ISTD

Method : /chem/BNAMS11.i/8270/02-18-13/01mar13.b/BNADFTPP.m
Sample Info : DFTPP-1896725
Lab ID : DFTPP-1896725 Inst ID : BNAMS11.i
Inj Date : 01-MAR-2013 03:32 Dil Factor : 1
Operator : BNAMS3 Sample Matrix : NONE
Cpnd Sublist: all

Endrin/DDT Breakdown Report

Compounds	Breakdown
DDT	0.00%
Endrin	0.00%

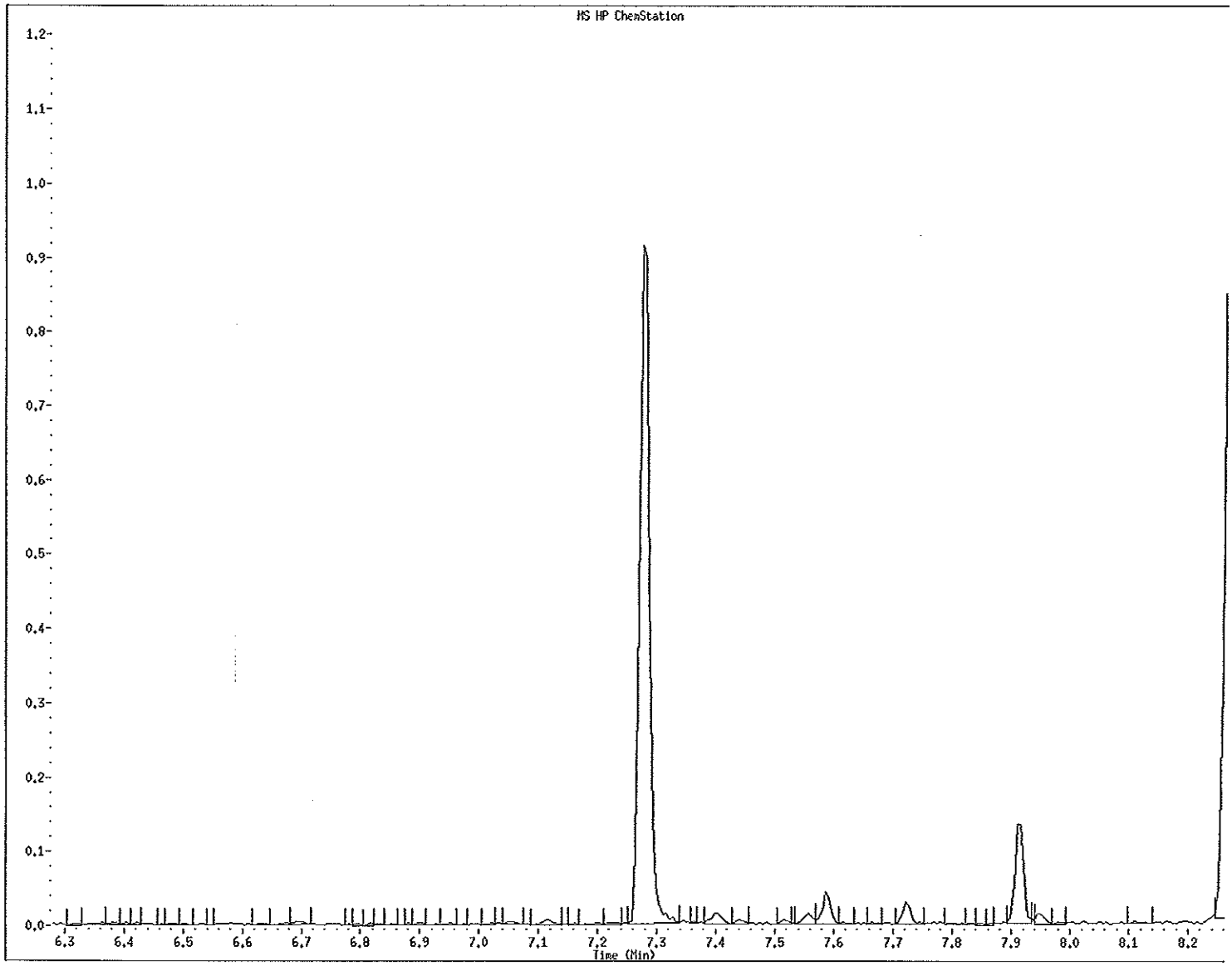
SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19186.d
Method Used: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/TAIL.m
Injection Date: 01-MAR-2013 03:32
Report Date: 03/01/2013 03:41



Tailing Analysis on Pentachlorophenol

Tailing factor for Pentachlorophenol OK
Tail Factor = 1.086 Maximum Allowed = 3.0

SEMI-VOLATILE TAILING ANALYSIS
Datafile Analyzed: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/z19186.d
Method Used: /chem/BNAMS11.i/8270/02-18-13/01mar13.b/TAIL.m
Injection Date: 01-MAR-2013 03:32
Report Date: 03/01/2013 03:41



Tailing Analysis on Benzidine

Tailing factor for Benzidine OK
Tail Factor = 0.883 Maximum Allowed = 3.0

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148840 Batch Start Date: 02/27/13 08:02 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00038
MB 460-148840/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-148840/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-51333-G-9 MS	130041-MW9D-80FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	1 mL
460-51333-F-9 MSD	130041-MW9D-80FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	1 mL
460-51333-H-9	130041-MW9D-80FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-G-1	130041-MW10R-45FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-I-3	130041-MW8S-50FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-G-6	130041-MW-2-45FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-G-7	130041-MW-4-45FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-I-10	130041-MW8D-58FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-F-12	130041-MW7S-40FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-I-13	130041-MW11R-45FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	
460-51333-G-4	130041-MW-3-45FT	3510C, 8270C	T	7	1050 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00035					
MB 460-148840/1		3510C, 8270C		1 mL					
LCS 460-148840/2		3510C, 8270C		1 mL					
460-51333-G-9 MS	130041-MW9D-80FT	3510C, 8270C	T	1 mL					
460-51333-F-9 MSD	130041-MW9D-80FT	3510C, 8270C	T	1 mL					
460-51333-H-9	130041-MW9D-80FT	3510C, 8270C	T	1 mL					
460-51333-G-1	130041-MW10R-45FT	3510C, 8270C	T	1 mL					
460-51333-I-3	130041-MW8S-50FT	3510C, 8270C	T	1 mL					
460-51333-G-6	130041-MW-2-45FT	3510C, 8270C	T	1 mL					
460-51333-G-7	130041-MW-4-45FT	3510C, 8270C	T	1 mL					
460-51333-I-10	130041-MW8D-58FT	3510C, 8270C	T	1 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.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148840 Batch Start Date: 02/27/13 08:02 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00035					
460-51333-F-12	130041-MW7S-40FT	3510C, 8270C	T	1 mL					
460-51333-I-13	130041-MW11R-45FT	3510C, 8270C	T	1 mL					
460-51333-G-4	130041-MW-3-45FT	3510C, 8270C	T	1 mL					

Batch Notes	
Acid used for pH adjustment	Sulfuric
Acid used for pH adjust Lot #	20665
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	OP533
Batch Comment	8270 PREP
Person's name who did the concentration	Wuh
N-evap #	222299
N-evap temperature	35 Degrees C
Oven, Bath or Block Temperature 1	85
Prep Solvent Lot #	30482
Prep Solvent Name	MECL2
Prep Solvent Volume Used	360ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP
Uncorrected N-evap Temperature	35 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.: 460-51333-1

SDG No.:

Batch Number: 149066 Batch Start Date: 02/28/13 11:22 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00037
MB 460-149066/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS 460-149066/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD 460-149066/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-51333-I-15	130041-MW-5-45FT	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-51333-G-16	130041-MW-6-55FT	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-51333-F-18	130041-MW-1-45FT	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-51333-G-19	130041-MW-9S-40FT	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-51333-G-21	130041-MW-7D-55FT	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00034					
MB 460-149066/1		3510C, 8270C		1 mL					
LCS 460-149066/2		3510C, 8270C		1 mL					
LCSD 460-149066/3		3510C, 8270C		1 mL					
460-51333-I-15	130041-MW-5-45FT	3510C, 8270C	T	1 mL					
460-51333-G-16	130041-MW-6-55FT	3510C, 8270C	T	1 mL					
460-51333-F-18	130041-MW-1-45FT	3510C, 8270C	T	1 mL					
460-51333-G-19	130041-MW-9S-40FT	3510C, 8270C	T	1 mL					
460-51333-G-21	130041-MW-7D-55FT	3510C, 8270C	T	1 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.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 149066 Batch Start Date: 02/28/13 11:22 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	Sulfuric
Acid used for pH adjust Lot #	20665
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	op 551
Batch Comment	8270 PREP
Person's name who did the concentration	ME
N-evap #	222299
N-evap temperature	18 Degrees C
Prep Solvent Lot #	30482
Prep Solvent Name	MECL2
Person's name who did the prep	ME
Uncorrected N-evap Temperature	18 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.

Method 8081A

Organochlorine Pesticides (GC) by Method 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
130041-MW10R-45FT	460-51333-1	110	119	101	96
130041-MW8S-50FT	460-51333-3	106	118	102	97
130041-MW-3-45FT	460-51333-4	101	109	108	104
130041-MW-2-45FT	460-51333-6	95	104	95	92
130041-MW-4-45FT	460-51333-7	114	125	123	119
130041-MW9D-80FT	460-51333-9	124	123	108	103
130041-MW8D-58FT	460-51333-10	106	116	103	98
130041-MW7S-40FT	460-51333-12	115	125	103	101
130041-MW11R-45FT	460-51333-13	110	120	90	88
130041-MW-5-45FT	460-51333-15	88	96	95	75
130041-MW-6-55FT	460-51333-16	124	139	119	115
130041-MW-1-45FT	460-51333-18	105	119	99	99
130041-MW-9S-40FT	460-51333-19	118	129	102	99
130041-MW-7D-55FT	460-51333-21	125	120	105	108
	MB 460-148935/1-A	109	116	115	107
	MB 460-149023/1-A	103	109	114	106
	LCS 460-148935/2-A	105	111	110	105
	LCS 460-149023/2-A	131	139	132	125
	LCSD 460-149023/3-A	132	140	134	126
130041-MW9D-80FT MS	460-51333-9 MS	145	133	115	111
130041-MW9D-80FT MSD	460-51333-9 MSD	133	128	108	105

	QC LIMITS
TCX = Tetrachloro-m-xylene	38-150
DCB = DCB Decachlorobiphenyl	14-138

Column to be used to flag recovery values

FORM II 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WF709968.D

Lab ID: LCS 460-148935/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	1.81	91	70-129	
alpha-BHC	2.00	1.87	93	74-133	
beta-BHC	2.00	1.85	92	72-131	
delta-BHC	2.00	1.84	92	73-134	
gamma-BHC (Lindane)	2.00	1.86	93	73-131	
4,4'-DDD	2.00	1.84	92	77-142	
4,4'-DDE	2.00	1.89	95	75-134	
4,4'-DDT	2.00	1.83	91	69-138	
Dieldrin	2.00	1.70	85	68-123	
Endosulfan I	2.00	1.87	94	74-133	
Endosulfan II	2.00	1.83	91	71-132	
Endosulfan sulfate	2.00	1.82	91	71-134	
Endrin	2.00	1.87	94	68-140	
Endrin aldehyde	2.00	1.85	93	69-132	
Endrin ketone	2.00	2.00	100	76-142	
Heptachlor	2.00	2.00	100	66-128	
Heptachlor epoxide	2.00	1.80	90	70-129	
Methoxychlor	2.00	1.85	93	63-137	
gamma-Chlordane	2.00	1.84	92	63-120	
alpha-Chlordane	2.00	1.83	91	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WR709968.D

Lab ID: LCS 460-148935/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	1.78	89	70-129	
alpha-BHC	2.00	1.77	89	74-133	
beta-BHC	2.00	1.85	93	72-131	
delta-BHC	2.00	1.81	91	73-134	
gamma-BHC (Lindane)	2.00	1.79	89	73-131	
4,4'-DDD	2.00	1.85	92	77-142	
4,4'-DDE	2.00	1.87	94	75-134	
4,4'-DDT	2.00	1.80	90	69-138	
Dieldrin	2.00	1.70	85	68-123	
Endosulfan I	2.00	1.85	93	74-133	
Endosulfan II	2.00	1.75	88	71-132	
Endosulfan sulfate	2.00	1.73	87	71-134	
Endrin	2.00	1.87	94	68-140	
Endrin aldehyde	2.00	1.89	94	69-132	
Endrin ketone	2.00	1.88	94	76-142	
Heptachlor	2.00	1.75	88	66-128	
Heptachlor epoxide	2.00	1.81	91	70-129	
Methoxychlor	2.00	1.75	88	63-137	
gamma-Chlordane	2.00	1.85	93	63-120	
alpha-Chlordane	2.00	1.74	87	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WF710179.D

Lab ID: LCS 460-149023/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	2.28	114	70-129	
alpha-BHC	2.00	2.35	117	74-133	
beta-BHC	2.00	2.30	115	72-131	
delta-BHC	2.00	2.32	116	73-134	
gamma-BHC (Lindane)	2.00	2.33	117	73-131	
4,4'-DDD	2.00	2.32	116	77-142	
4,4'-DDE	2.00	2.42	121	75-134	
4,4'-DDT	2.00	2.31	116	69-138	
Dieldrin	2.00	2.13	107	68-123	
Endosulfan I	2.00	2.32	116	74-133	
Endosulfan II	2.00	2.28	114	71-132	
Endosulfan sulfate	2.00	2.29	115	71-134	
Endrin	2.00	2.28	114	68-140	
Endrin aldehyde	2.00	2.25	112	69-132	
Endrin ketone	2.00	2.64	132	76-142	E
Heptachlor	2.00	2.45	122	66-128	
Heptachlor epoxide	2.00	2.21	110	70-129	
Methoxychlor	2.00	2.29	114	63-137	
gamma-Chlordane	2.00	2.33	116	63-120	
alpha-Chlordane	2.00	2.30	115	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WR710179.D

Lab ID: LCS 460-149023/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	2.24	112	70-129	
alpha-BHC	2.00	2.30	115	74-133	
beta-BHC	2.00	2.32	116	72-131	
delta-BHC	2.00	2.32	116	73-134	
gamma-BHC (Lindane)	2.00	2.27	113	73-131	
4,4'-DDD	2.00	2.33	117	77-142	
4,4'-DDE	2.00	2.33	116	75-134	
4,4'-DDT	2.00	2.23	111	69-138	
Dieldrin	2.00	2.10	105	68-123	
Endosulfan I	2.00	2.30	115	74-133	
Endosulfan II	2.00	2.14	107	71-132	
Endosulfan sulfate	2.00	2.14	107	71-134	
Endrin	2.00	2.26	113	68-140	
Endrin aldehyde	2.00	2.26	113	69-132	
Endrin ketone	2.00	2.41	120	76-142	
Heptachlor	2.00	2.13	107	66-128	
Heptachlor epoxide	2.00	2.21	111	70-129	
Methoxychlor	2.00	2.07	104	63-137	
gamma-Chlordane	2.00	2.32	116	63-120	
alpha-Chlordane	2.00	2.01	100	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WF710180.D

Lab ID: LCSD 460-149023/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	2.00	2.28	114	0	30	70-129	
alpha-BHC	2.00	2.36	118	0	30	74-133	
beta-BHC	2.00	2.31	115	0	30	72-131	
delta-BHC	2.00	2.32	116	0	30	73-134	
gamma-BHC (Lindane)	2.00	2.34	117	0	30	73-131	
4,4'-DDD	2.00	2.38	119	2	30	77-142	
4,4'-DDE	2.00	2.44	122	1	30	75-134	
4,4'-DDT	2.00	2.32	116	0	30	69-138	
Dieldrin	2.00	2.16	108	1	30	68-123	
Endosulfan I	2.00	2.29	114	0	30	74-133	
Endosulfan II	2.00	2.24	112	2	30	71-132	
Endosulfan sulfate	2.00	2.31	116	1	30	71-134	
Endrin	2.00	2.30	115	1	30	68-140	
Endrin aldehyde	2.00	2.14	107	5	30	69-132	
Endrin ketone	2.00	2.72	136	3	30	76-142	E
Heptachlor	2.00	2.46	123	0	30	66-128	
Heptachlor epoxide	2.00	2.21	111	0	30	70-129	
Methoxychlor	2.00	2.32	116	1	30	63-137	
gamma-Chlordane	2.00	2.36	118	1	30	63-120	
alpha-Chlordane	2.00	2.34	117	2	30	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WR710180.D

Lab ID: LCSD 460-149023/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	2.00	2.23	112	0	30	70-129	
alpha-BHC	2.00	2.31	115	0	30	74-133	
beta-BHC	2.00	2.32	116	0	30	72-131	
delta-BHC	2.00	2.33	117	1	30	73-134	
gamma-BHC (Lindane)	2.00	2.28	114	0	30	73-131	
4,4'-DDD	2.00	2.44	122	4	30	77-142	
4,4'-DDE	2.00	2.36	118	1	30	75-134	
4,4'-DDT	2.00	2.27	113	2	30	69-138	
Dieldrin	2.00	2.11	105	0	30	68-123	
Endosulfan I	2.00	2.30	115	1	30	74-133	
Endosulfan II	2.00	2.16	108	1	30	71-132	
Endosulfan sulfate	2.00	2.16	108	1	30	71-134	
Endrin	2.00	2.29	114	1	30	68-140	
Endrin aldehyde	2.00	2.30	115	2	30	69-132	
Endrin ketone	2.00	2.43	121	1	30	76-142	
Heptachlor	2.00	2.15	107	1	30	66-128	
Heptachlor epoxide	2.00	2.23	111	1	30	70-129	
Methoxychlor	2.00	2.11	105	2	30	63-137	
gamma-Chlordane	2.00	2.34	117	1	30	63-120	
alpha-Chlordane	2.00	1.92	96	5	30	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WF710118.D

Lab ID: 460-51333-9 MS Client ID: 130041-MW9D-80FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Aldrin	2.00	0.050 U	2.25	113	70-129	
alpha-BHC	2.00	0.050 U	2.24	112	74-133	
beta-BHC	2.00	0.050 U	2.19	109	72-131	
delta-BHC	2.00	0.050 U	2.17	108	73-134	
gamma-BHC (Lindane)	2.00	0.050 U	2.24	112	73-131	
4,4'-DDD	2.00	0.061	2.23	109	77-142	
4,4'-DDE	2.00	0.050 U	2.31	115	75-134	
4,4'-DDT	2.00	0.050 U	2.15	107	69-138	
Dieldrin	2.00	0.050 U	2.10	105	68-123	
Endosulfan I	2.00	0.050 U	2.25	112	74-133	
Endosulfan II	2.00	0.050 U	2.18	109	71-132	
Endosulfan sulfate	2.00	0.050 U	2.08	104	71-134	
Endrin	2.00	0.050 U	2.24	112	68-140	
Endrin aldehyde	2.00	0.050 U	2.11	106	69-132	
Endrin ketone	2.00	0.050 U	2.14	107	76-142	
Heptachlor	2.00	0.050 U	2.43	122	66-128	
Heptachlor epoxide	2.00	0.050 U	2.16	108	70-129	
Methoxychlor	2.00	0.050 U	2.12	106	63-137	
gamma-Chlordane	2.00	0.050 U	2.21	111	63-120	
alpha-Chlordane	2.00	0.050 U	2.20	110	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WR710118.D

Lab ID: 460-51333-9 MS Client ID: 130041-MW9D-80FT MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Aldrin	2.00	0.050 U	2.24	112	70-129	
alpha-BHC	2.00	0.050 U	2.19	109	74-133	
beta-BHC	2.00	0.050 U	2.26	113	72-131	
delta-BHC	2.00	0.050 U	2.20	110	73-134	
gamma-BHC (Lindane)	2.00	0.050 U	2.19	109	73-131	
4,4'-DDD	2.00	0.061	2.24	109	77-142	
4,4'-DDE	2.00	0.050 U	2.25	113	75-134	
4,4'-DDT	2.00	0.050 U	2.09	105	69-138	
Dieldrin	2.00	0.050 U	2.08	104	68-123	
Endosulfan I	2.00	0.050 U	2.24	112	74-133	
Endosulfan II	2.00	0.050 U	2.09	104	71-132	
Endosulfan sulfate	2.00	0.050 U	1.99	100	71-134	
Endrin	2.00	0.050 U	2.24	112	68-140	
Endrin aldehyde	2.00	0.050 U	2.14	107	69-132	
Endrin ketone	2.00	0.050 U	2.05	102	76-142	
Heptachlor	2.00	0.050 U	2.15	108	66-128	
Heptachlor epoxide	2.00	0.050 U	2.18	109	70-129	
Methoxychlor	2.00	0.050 U	2.01	100	63-137	
gamma-Chlordane	2.00	0.050 U	2.25	113	63-120	
alpha-Chlordane	2.00	0.050 U	2.13	106	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WF710119.D

Lab ID: 460-51333-9 MSD Client ID: 130041-MW9D-80FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	2.00	2.17	109	4	30	70-129	
alpha-BHC	2.00	2.14	107	5	30	74-133	
beta-BHC	2.00	2.10	105	4	30	72-131	
delta-BHC	2.00	2.09	104	4	30	73-134	
gamma-BHC (Lindane)	2.00	2.15	107	4	30	73-131	
4,4'-DDD	2.00	2.15	105	4	30	77-142	
4,4'-DDE	2.00	2.27	113	2	30	75-134	
4,4'-DDT	2.00	2.11	105	2	30	69-138	
Dieldrin	2.00	2.02	101	4	30	68-123	
Endosulfan I	2.00	2.15	108	4	30	74-133	
Endosulfan II	2.00	2.10	105	4	30	71-132	
Endosulfan sulfate	2.00	2.03	101	3	30	71-134	
Endrin	2.00	2.16	108	4	30	68-140	
Endrin aldehyde	2.00	1.97	98	7	30	69-132	
Endrin ketone	2.00	2.17	108	1	30	76-142	
Heptachlor	2.00	2.35	117	4	30	66-128	
Heptachlor epoxide	2.00	2.09	105	4	30	70-129	
Methoxychlor	2.00	2.09	105	1	30	63-137	
gamma-Chlordane	2.00	2.15	107	5	30	63-120	
alpha-Chlordane	2.00	2.13	107	3	30	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WR710119.D

Lab ID: 460-51333-9 MSD Client ID: 130041-MW9D-80FT MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	2.00	2.13	107	5	30	70-129	
alpha-BHC	2.00	2.08	104	5	30	74-133	
beta-BHC	2.00	2.13	107	6	30	72-131	
delta-BHC	2.00	2.10	105	5	30	73-134	
gamma-BHC (Lindane)	2.00	2.07	104	5	30	73-131	
4,4'-DDD	2.00	2.12	103	5	30	77-142	
4,4'-DDE	2.00	2.19	110	3	30	75-134	
4,4'-DDT	2.00	2.02	101	4	30	69-138	
Dieldrin	2.00	1.99	99	5	30	68-123	
Endosulfan I	2.00	2.14	107	4	30	74-133	
Endosulfan II	2.00	1.98	99	5	30	71-132	
Endosulfan sulfate	2.00	1.89	95	5	30	71-134	
Endrin	2.00	2.13	107	5	30	68-140	
Endrin aldehyde	2.00	2.05	103	4	30	69-132	
Endrin ketone	2.00	2.01	100	2	30	76-142	
Heptachlor	2.00	2.05	102	5	30	66-128	
Heptachlor epoxide	2.00	2.08	104	4	30	70-129	
Methoxychlor	2.00	1.91	96	5	30	63-137	
gamma-Chlordane	2.00	2.14	107	3	30	63-120	
alpha-Chlordane	2.00	1.91	96	11	30	62-119	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: MB 460-148935/1-A

Matrix: Water Date Extracted: 02/27/2013 14:31

Lab File ID:(1) WR710117.D Lab File ID:(2) WF710117.D

Date Analyzed:(1) 03/06/2013 19:34 Date Analyzed:(2) 03/06/2013 19:34

Instrument ID:(1) PESTGC4 Instrument ID:(2) PESTGC4

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-148935/2-A	03/05/2013 07:05	03/05/2013 07:05
130041-MW9D-80FT MS	460-51333-9 MS	03/06/2013 19:48	03/06/2013 19:48
130041-MW9D-80FT MSD	460-51333-9 MSD	03/06/2013 20:02	03/06/2013 20:02
130041-MW9D-80FT	460-51333-9	03/06/2013 20:16	03/06/2013 20:16
130041-MW10R-45FT	460-51333-1	03/06/2013 21:25	03/06/2013 21:25
130041-MW8S-50FT	460-51333-3	03/06/2013 21:39	03/06/2013 21:39
130041-MW-3-45FT	460-51333-4	03/06/2013 21:53	03/06/2013 21:53
130041-MW-2-45FT	460-51333-6	03/06/2013 22:07	03/06/2013 22:07
130041-MW-4-45FT	460-51333-7	03/06/2013 22:21	03/06/2013 22:21

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: MB 460-149023/1-A

Matrix: Water Date Extracted: 02/28/2013 08:13

Lab File ID:(1) WR710178.D Lab File ID:(2) WF710178.D

Date Analyzed:(1) 03/07/2013 10:01 Date Analyzed:(2) 03/07/2013 10:01

Instrument ID:(1) PESTGC4 Instrument ID:(2) PESTGC4

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-149023/2-A	03/07/2013 10:15	03/07/2013 10:15
	LCSD 460-149023/3-A	03/07/2013 10:29	03/07/2013 10:29
130041-MW-7D-55FT	460-51333-21	03/07/2013 10:43	03/07/2013 10:43
130041-MW-9S-40FT	460-51333-19	03/07/2013 10:57	03/07/2013 10:57
130041-MW-1-45FT	460-51333-18	03/07/2013 11:11	03/07/2013 11:11
130041-MW-6-55FT	460-51333-16	03/07/2013 11:25	03/07/2013 11:25
130041-MW11R-45FT	460-51333-13	03/07/2013 11:52	03/07/2013 11:52
130041-MW7S-40FT	460-51333-12	03/07/2013 12:06	03/07/2013 12:06
130041-MW8D-58FT	460-51333-10	03/07/2013 12:20	03/07/2013 12:20
130041-MW-5-45FT	460-51333-15	03/07/2013 13:46	03/07/2013 13:46

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVRT 460-149753/4 Date Analyzed: 03/05/2013 05:58

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): WF709964.D Heated Purge: (Y/N) N

Calibration ID: 20488

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.11	9.62	
UPPER LIMIT				2.18	9.69	
LOWER LIMIT				2.04	9.55	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-149753/4		03/05/2013 05:58	WF709964.D	2.11	9.62	
LCS 460-148935/2-A		03/05/2013 07:05	WF709968.D	2.11	9.62	
CCV 460-149753/25		03/05/2013 11:02	WF709985.D	2.11	9.62	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.07 minutes of surrogate RT
DCB RT Limit = ± 0.07 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVRT 460-149753/4 Date Analyzed: 03/05/2013 05:58

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): WR709964.D Heated Purge: (Y/N) N

Calibration ID: 20487

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.74	8.73	
UPPER LIMIT				1.81	8.80	
LOWER LIMIT				1.67	8.66	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-149753/4		03/05/2013 05:58	WR709964.D	1.74	8.73	
LCS 460-148935/2-A		03/05/2013 07:05	WR709968.D	1.74	8.73	
CCV 460-149753/25		03/05/2013 11:02	WR709985.D	1.74	8.73	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.07 minutes of surrogate RT
DCB RT Limit = ± 0.07 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVRT 460-150086/1 Date Analyzed: 03/06/2013 19:06

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): WF710115.D Heated Purge: (Y/N) N

Calibration ID: 20488

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.11	9.61	
UPPER LIMIT				2.18	9.68	
LOWER LIMIT				2.04	9.54	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-150086/1		03/06/2013 19:06	WF710115.D	2.11	9.61	
MB 460-148935/1-A		03/06/2013 19:34	WF710117.D	2.12	9.61	
460-51333-9 MS	130041-MW9D-80FT MS	03/06/2013 19:48	WF710118.D	2.12	9.61	
460-51333-9 MSD	130041-MW9D-80FT MSD	03/06/2013 20:02	WF710119.D	2.12	9.61	
460-51333-9	130041-MW9D-80FT	03/06/2013 20:16	WF710120.D	2.12	9.61	
460-51333-1	130041-MW10R-45FT	03/06/2013 21:25	WF710125.D	2.12	9.61	
460-51333-3	130041-MW8S-50FT	03/06/2013 21:39	WF710126.D	2.12	9.61	
460-51333-4	130041-MW-3-45FT	03/06/2013 21:53	WF710127.D	2.12	9.61	
460-51333-6	130041-MW-2-45FT	03/06/2013 22:07	WF710128.D	2.12	9.61	
460-51333-7	130041-MW-4-45FT	03/06/2013 22:21	WF710129.D	2.12	9.61	
CCV 460-150086/17		03/06/2013 22:49	WF710131.D	2.11	9.61	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.07 minutes of surrogate RT
DCB RT Limit = ± 0.07 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVRT 460-150086/1 Date Analyzed: 03/06/2013 19:06

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): WR710115.D Heated Purge: (Y/N) N

Calibration ID: 20487

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.74	8.73	
UPPER LIMIT				1.81	8.80	
LOWER LIMIT				1.67	8.66	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-150086/1		03/06/2013 19:06	WR710115.D	1.74	8.73	
MB 460-148935/1-A		03/06/2013 19:34	WR710117.D	1.75	8.72	
460-51333-9 MS	130041-MW9D-80FT MS	03/06/2013 19:48	WR710118.D	1.75	8.72	
460-51333-9 MSD	130041-MW9D-80FT MSD	03/06/2013 20:02	WR710119.D	1.75	8.72	
460-51333-9	130041-MW9D-80FT	03/06/2013 20:16	WR710120.D	1.75	8.72	
460-51333-1	130041-MW10R-45FT	03/06/2013 21:25	WR710125.D	1.75	8.72	
460-51333-3	130041-MW8S-50FT	03/06/2013 21:39	WR710126.D	1.75	8.72	
460-51333-4	130041-MW-3-45FT	03/06/2013 21:53	WR710127.D	1.75	8.72	
460-51333-6	130041-MW-2-45FT	03/06/2013 22:07	WR710128.D	1.75	8.72	
460-51333-7	130041-MW-4-45FT	03/06/2013 22:21	WR710129.D	1.75	8.72	
CCV 460-150086/17		03/06/2013 22:49	WR710131.D	1.74	8.72	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.07 minutes of surrogate RT
DCB RT Limit = ± 0.07 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVRT 460-150217/1 Date Analyzed: 03/07/2013 09:28

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): WF710176.D Heated Purge: (Y/N) N

Calibration ID: 20488

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.11	9.61	
UPPER LIMIT				2.18	9.68	
LOWER LIMIT				2.04	9.54	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-150217/1		03/07/2013 09:28	WF710176.D	2.11	9.61	
MB 460-149023/1-A		03/07/2013 10:01	WF710178.D	2.11	9.61	
LCS 460-149023/2-A		03/07/2013 10:15	WF710179.D	2.11	9.61	
LCSD 460-149023/3-A		03/07/2013 10:29	WF710180.D	2.11	9.61	
460-51333-21	130041-MW-7D-55FT	03/07/2013 10:43	WF710181.D	2.11	9.61	
460-51333-19	130041-MW-9S-40FT	03/07/2013 10:57	WF710182.D	2.11	9.61	
460-51333-18	130041-MW-1-45FT	03/07/2013 11:11	WF710183.D	2.11	9.61	
460-51333-16	130041-MW-6-55FT	03/07/2013 11:25	WF710184.D	2.11	9.61	
460-51333-13	130041-MW11R-45FT	03/07/2013 11:52	WF710186.D	2.11	9.61	
460-51333-12	130041-MW7S-40FT	03/07/2013 12:06	WF710187.D	2.11	9.61	
460-51333-10	130041-MW8D-58FT	03/07/2013 12:20	WF710188.D	2.11	9.61	
460-51333-15	130041-MW-5-45FT	03/07/2013 13:46	WF710193.D	2.11	9.61	
CCV 460-150217/20		03/07/2013 14:14	WF710195.D	2.11	9.61	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.07 minutes of surrogate RT
DCB RT Limit = ± 0.07 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Sample No.: CCVRT 460-150217/1 Date Analyzed: 03/07/2013 09:28

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): WR710176.D Heated Purge: (Y/N) N

Calibration ID: 20487

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.74	8.72	
UPPER LIMIT				1.81	8.79	
LOWER LIMIT				1.67	8.65	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-150217/1		03/07/2013 09:28	WR710176.D	1.74	8.72	
MB 460-149023/1-A		03/07/2013 10:01	WR710178.D	1.74	8.72	
LCS 460-149023/2-A		03/07/2013 10:15	WR710179.D	1.74	8.72	
LCSD 460-149023/3-A		03/07/2013 10:29	WR710180.D	1.74	8.72	
460-51333-21	130041-MW-7D-55FT	03/07/2013 10:43	WR710181.D	1.74	8.72	
460-51333-19	130041-MW-9S-40FT	03/07/2013 10:57	WR710182.D	1.74	8.72	
460-51333-18	130041-MW-1-45FT	03/07/2013 11:11	WR710183.D	1.74	8.72	
460-51333-16	130041-MW-6-55FT	03/07/2013 11:25	WR710184.D	1.74	8.72	
460-51333-13	130041-MW11R-45FT	03/07/2013 11:52	WR710186.D	1.74	8.72	
460-51333-12	130041-MW7S-40FT	03/07/2013 12:06	WR710187.D	1.74	8.72	
460-51333-10	130041-MW8D-58FT	03/07/2013 12:20	WR710188.D	1.74	8.72	
460-51333-15	130041-MW-5-45FT	03/07/2013 13:46	WR710193.D	1.74	8.73	
CCV 460-150217/20		03/07/2013 14:14	WR710195.D	1.74	8.73	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.07 minutes of surrogate RT
DCB RT Limit = ± 0.07 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT Lab Sample ID: 460-51333-1

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/06/2013 21:25 Date Analyzed (2): 03/06/2013 21:25

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-Chlordane	1		5.29	5.25	5.39	0.093		69.6
	2		6.58	6.51	6.65	0.045		
Dieldrin	1		6.01	5.94	6.08	0.13		0.2
	2		6.93	6.86	7.00	0.13		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT Lab Sample ID: 460-51333-4

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/06/2013 21:53 Date Analyzed (2): 03/06/2013 21:53

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		4.87	4.80	4.94	0.072		7.5
	2		6.15	6.08	6.22	0.066		
gamma-Chlordane	1		5.08	5.01	5.15	0.085		0.2
	2		6.41	6.34	6.48	0.086		
alpha-Chlordane	1		5.30	5.25	5.39	0.31		65.5
	2		6.58	6.51	6.65	0.16		
Endosulfan I	1		5.58	5.50	5.64	0.049		32.0
	2		6.63	6.58	6.72	0.067		
Dieldrin	1		6.02	5.94	6.08	0.057		1.8
	2		6.93	6.86	7.00	0.056		
Chlordane	1	1	3.23	3.16	3.30	3.97	1.5	18.9
		3	4.09	4.03	4.17	1.48		
		4	4.76	4.70	4.84	3.66		
		5	5.08	5.03	5.17	0.658		
		6	5.30	5.25	5.39	1.50		
		7	6.38	6.32	6.46	0.453		
		8	6.52	6.46	6.60	0.387		
	2	1	4.17	4.11	4.25	3.76	1.3	
		3	5.33	5.27	5.41	1.51		
		4	6.41	6.35	6.49	0.679		
		5	6.51	6.46	6.60	1.20		
		6	6.58	6.51	6.65	1.38		
		7	7.35	7.28	7.42	0.501		
		8	7.54	7.48	7.62	0.886		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT Lab Sample ID: 460-51333-6

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/06/2013 22:07 Date Analyzed (2): 03/06/2013 22:07

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-Chlordane	1		5.09	5.01	5.15	0.26		1.4
	2		6.41	6.34	6.48	0.26		
alpha-Chlordane	1		5.30	5.25	5.39	0.38		66.8
	2		6.58	6.51	6.65	0.19		
Dieldrin	1		6.02	5.94	6.08	0.025		35.1
	2		6.94	6.86	7.00	0.036		
4,4'-DDD	1		6.38	6.35	6.49	0.12		25.1
	2		7.34	7.29	7.43	0.090		
Chlordane	1	1	3.23	3.16	3.30	1.81	1.3	36.3
		3	4.09	4.03	4.17	1.23		
		4	4.76	4.70	4.84	1.34		
		5	5.09	5.03	5.17	2.01		
		6	5.30	5.25	5.39	1.83		
		8	6.52	6.46	6.60	0.869		
	2	1	4.17	4.11	4.25	1.75	1.9	
		3	5.33	5.27	5.41	1.19		
		4	6.41	6.35	6.49	2.10		
		5	6.52	6.46	6.60	2.15		
		6	6.58	6.51	6.65	1.66		
		7	7.34	7.28	7.42	3.25		
		8	7.54	7.48	7.62	1.04		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT Lab Sample ID: 460-51333-7

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/06/2013 22:21 Date Analyzed (2): 03/06/2013 22:21

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		4.87	4.80	4.94	0.068		4.9
	2		6.15	6.08	6.22	0.065		
gamma-Chlordane	1		5.09	5.01	5.15	0.11		6.7
	2		6.41	6.34	6.48	0.10		
alpha-Chlordane	1		5.31	5.25	5.39	0.29		75.5
	2		6.58	6.51	6.65	0.13		
Endosulfan I	1		5.58	5.50	5.64	0.061		1.7
	2		6.63	6.58	6.72	0.060		
Dieldrin	1		6.02	5.94	6.08	0.060		3.2
	2		6.93	6.86	7.00	0.058		
4,4'-DDD	1		6.38	6.35	6.49	0.027		0.6
	2		7.34	7.29	7.43	0.027		
Chlordane	1	1	3.23	3.16	3.30	3.13	1.4	16.0
		3	4.09	4.03	4.17	1.08		
		4	4.76	4.70	4.84	2.52		
		5	5.09	5.03	5.17	0.851		
		6	5.31	5.25	5.39	1.39		
		8	6.52	6.46	6.60	0.484		
	2	1	4.17	4.11	4.25	2.93	1.2	
		3	5.33	5.27	5.41	1.05		
		4	6.41	6.35	6.49	0.820		
		5	6.51	6.46	6.60	1.19		
		6	6.58	6.51	6.65	1.14		
		8	7.54	7.48	7.62	0.918		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT Lab Sample ID: 460-51333-9

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/06/2013 20:16 Date Analyzed (2): 03/06/2013 20:16

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDD	1		6.42	6.35	6.49	0.061		21.4
	2		7.36	7.29	7.43	0.049		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS Lab Sample ID: 460-51333-9 MS

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/06/2013 19:48 Date Analyzed (2): 03/06/2013 19:48

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.22	2.17	2.27	2.19		2.4
	2		2.96	2.91	3.01	2.24		
gamma-BHC (Lindane)	1		2.58	2.53	2.63	2.19		2.2
	2		3.62	3.57	3.67	2.24		
beta-BHC	1		2.71	2.66	2.76	2.26		3.1
	2		3.77	3.72	3.82	2.19		
delta-BHC	1		3.00	2.95	3.05	2.20		1.5
	2		4.30	4.25	4.35	2.17		
Heptachlor	1		3.36	3.30	3.40	2.15		12.3
	2		4.43	4.38	4.48	2.43		
Aldrin	1		3.86	3.80	3.90	2.24		0.6
	2		5.05	5.00	5.10	2.25		
Heptachlor epoxide	1		4.87	4.80	4.94	2.18		1.1
	2		6.15	6.08	6.22	2.16		
gamma-Chlordane	1		5.08	5.01	5.15	2.25		1.8
	2		6.41	6.34	6.48	2.21		
alpha-Chlordane	1		5.32	5.25	5.39	2.13		3.2
	2		6.58	6.51	6.65	2.20		
4,4'-DDE	1		5.47	5.40	5.54	2.25		2.6
	2		6.74	6.67	6.81	2.31		
Endosulfan I	1		5.57	5.50	5.64	2.24		0.5
	2		6.65	6.58	6.72	2.25		
Dieldrin	1		6.01	5.94	6.08	2.08		1.0
	2		6.93	6.86	7.00	2.10		
Endrin	1		6.34	6.27	6.41	2.24		0.2
	2		7.26	7.19	7.33	2.24		
4,4'-DDD	1		6.42	6.35	6.49	2.24		0.5
	2		7.36	7.29	7.43	2.23		
Endosulfan II	1		6.59	6.52	6.66	2.09		4.4
	2		7.49	7.42	7.56	2.18		
4,4'-DDT	1		6.72	6.65	6.79	2.09		2.5
	2		7.71	7.64	7.78	2.15		
Endrin aldehyde	1		7.01	6.94	7.08	2.14		1.4
	2		7.87	7.80	7.94	2.11		
Methoxychlor	1		7.22	7.15	7.29	2.01		5.4
	2		8.44	8.37	8.51	2.12		
Endosulfan sulfate	1		7.47	7.40	7.54	1.99		4.4
	2		8.19	8.12	8.26	2.08		
Endrin ketone	1		7.77	7.70	7.84	2.05		4.5
	2		8.65	8.58	8.72	2.14		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD Lab Sample ID: 460-51333-9 MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/06/2013 20:02 Date Analyzed (2): 03/06/2013 20:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.22	2.17	2.27	2.08		3.2
	2		2.96	2.91	3.01	2.14		
gamma-BHC (Lindane)	1		2.58	2.53	2.63	2.07		3.5
	2		3.62	3.57	3.67	2.15		
beta-BHC	1		2.71	2.66	2.76	2.13		1.5
	2		3.77	3.72	3.82	2.10		
delta-BHC	1		3.00	2.95	3.05	2.10		0.5
	2		4.30	4.25	4.35	2.09		
Heptachlor	1		3.36	3.30	3.40	2.05		13.7
	2		4.43	4.38	4.48	2.35		
Aldrin	1		3.86	3.80	3.90	2.13		1.8
	2		5.05	5.00	5.10	2.17		
Heptachlor epoxide	1		4.87	4.80	4.94	2.08		0.5
	2		6.15	6.08	6.22	2.09		
gamma-Chlordane	1		5.08	5.01	5.15	2.14		0.3
	2		6.41	6.34	6.48	2.15		
alpha-Chlordane	1		5.32	5.25	5.39	1.91		10.7
	2		6.58	6.51	6.65	2.13		
4,4'-DDE	1		5.47	5.40	5.54	2.19		3.3
	2		6.74	6.67	6.81	2.27		
Endosulfan I	1		5.57	5.50	5.64	2.14		0.5
	2		6.65	6.58	6.72	2.15		
Dieldrin	1		6.01	5.94	6.08	1.99		1.5
	2		6.93	6.86	7.00	2.02		
Endrin	1		6.34	6.27	6.41	2.13		1.0
	2		7.26	7.19	7.33	2.16		
4,4'-DDD	1		6.42	6.35	6.49	2.12		1.4
	2		7.36	7.29	7.43	2.15		
Endosulfan II	1		6.59	6.52	6.66	1.98		6.0
	2		7.49	7.42	7.56	2.10		
4,4'-DDT	1		6.72	6.65	6.79	2.02		4.4
	2		7.71	7.64	7.78	2.11		
Endrin aldehyde	1		7.01	6.94	7.08	2.05		4.2
	2		7.87	7.80	7.94	1.97		
Methoxychlor	1		7.22	7.15	7.29	1.91		8.9
	2		8.44	8.37	8.51	2.09		
Endosulfan sulfate	1		7.46	7.40	7.54	1.89		6.8
	2		8.18	8.12	8.26	2.03		
Endrin ketone	1		7.77	7.70	7.84	2.01		7.7
	2		8.65	8.58	8.72	2.17		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT Lab Sample ID: 460-51333-13

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 11:52 Date Analyzed (2): 03/07/2013 11:52

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		4.86	4.80	4.94	0.11		18.7
	2		6.15	6.09	6.23	0.14		
gamma-Chlordane	1		5.08	5.02	5.16	0.032		45.4
	2		6.41	6.34	6.48	0.052		
alpha-Chlordane	1		5.28	5.26	5.40	0.096		45.8
	2		6.58	6.51	6.65	0.060		
Dieldrin	1		6.01	5.95	6.09	0.23		1.7
	2		6.93	6.86	7.00	0.23		
Chlordane	1	1	3.22	3.16	3.30	1.30	0.48	17.4
		3	4.08	4.03	4.17	0.441		
		4	4.76	4.70	4.84	0.957		
		6	5.28	5.25	5.39	0.461		
	2	1	4.16	4.11	4.25	1.22	0.57	
		3	5.33	5.27	5.41	0.450		
		4	6.41	6.35	6.49	0.409		
		5	6.52	6.46	6.60	0.614		
		6	6.58	6.51	6.65	0.527		
		7	7.36	7.28	7.42	0.449		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT Lab Sample ID: 460-51333-15

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 13:46 Date Analyzed (2): 03/07/2013 13:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		4.87	4.80	4.94	0.47		78.5
	2		6.20	6.09	6.23	0.20		
gamma-Chlordane	1		5.09	5.02	5.16	1.3		1.3
	2		6.41	6.34	6.48	1.3		
alpha-Chlordane	1		5.31	5.26	5.40	3.0		48.9
	2		6.58	6.51	6.65	1.8		
Dieldrin	1		6.02	5.95	6.09	0.28		64.2
	2		6.93	6.86	7.00	0.55		
Chlordane	1	1	3.23	3.16	3.30	20.0	13	8.9
		3	4.09	4.03	4.17	16.5		
		4	4.76	4.70	4.84	29.8		
		5	5.09	5.03	5.17	10.3		
		6	5.31	5.25	5.39	14.2		
		7	6.38	6.32	6.46	7.40		
		8	6.52	6.46	6.60	7.51		
	2	1	4.17	4.11	4.25	18.4	12	
		2	4.49	4.37	4.51	5.18		
		3	5.33	5.27	5.41	11.0		
		4	6.41	6.35	6.49	10.5		
		5	6.52	6.46	6.60	15.5		
		6	6.58	6.51	6.65	15.6		
		7	7.35	7.28	7.42	11.0		
		8	7.55	7.48	7.62	10.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT Lab Sample ID: 460-51333-16

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 11:25 Date Analyzed (2): 03/07/2013 11:25

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		4.87	4.80	4.94	0.048		51.3
	2		6.09	6.09	6.23	0.081		
gamma-Chlordane	1		5.08	5.02	5.16	0.16		17.1
	2		6.41	6.34	6.48	0.19		
alpha-Chlordane	1		5.29	5.26	5.40	0.27		33.5
	2		6.58	6.51	6.65	0.19		
Dieldrin	1		6.01	5.95	6.09	0.12		4.7
	2		6.93	6.86	7.00	0.13		
Chlordane	1	1	3.22	3.16	3.30	2.26	1.6	4.4
		3	4.08	4.03	4.17	2.00		
		4	4.75	4.70	4.84	3.21		
		5	5.08	5.03	5.17	1.23		
		6	5.29	5.25	5.39	1.30		
		7	6.38	6.32	6.46	1.32		
		8	6.52	6.46	6.60	1.13		
	2	1	4.16	4.11	4.25	2.14	1.5	
		3	5.32	5.27	5.41	1.81		
		4	6.41	6.35	6.49	1.50		
		5	6.51	6.46	6.60	1.66		
		6	6.58	6.51	6.65	1.68		
		7	7.34	7.28	7.42	1.46		
		8	7.54	7.48	7.62	1.56		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT Lab Sample ID: 460-51333-18

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 11:11 Date Analyzed (2): 03/07/2013 11:11

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		4.87	4.80	4.94	0.093		75.5
	2		6.14	6.09	6.23	0.042		
gamma-Chlordane	1		5.08	5.02	5.16	0.53		8.6
	2		6.41	6.34	6.48	0.48		
alpha-Chlordane	1		5.30	5.26	5.40	0.67		48.8
	2		6.58	6.51	6.65	0.41		
Dieldrin	1		6.02	5.95	6.09	0.061		27.7
	2		6.94	6.86	7.00	0.080		
Chlordane	1	1	3.22	3.16	3.30	4.99	3.9	21.3
		3	4.09	4.03	4.17	3.58		
		4	4.76	4.70	4.84	4.45		
		5	5.08	5.03	5.17	4.05		
		6	5.30	5.25	5.39	3.20		
		7	6.38	6.32	6.46	8.47		
		8	6.52	6.46	6.60	2.17		
	2	1	4.16	4.11	4.25	4.77	3.1	
		3	5.32	5.27	5.41	2.35		
		4	6.41	6.35	6.49	3.83		
		5	6.51	6.46	6.60	3.42		
		6	6.58	6.51	6.65	3.54		
		7	7.34	7.28	7.42	5.38		
		8	7.54	7.48	7.62	1.65		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT Lab Sample ID: 460-51333-19

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 10:57 Date Analyzed (2): 03/07/2013 10:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor epoxide	1		4.86	4.80	4.94	0.081		17.3
	2		6.15	6.09	6.23	0.096		
gamma-Chlordane	1		5.08	5.02	5.16	0.063		24.4
	2		6.41	6.34	6.48	0.080		
alpha-Chlordane	1		5.30	5.26	5.40	0.24		53.5
	2		6.58	6.51	6.65	0.14		
Dieldrin	1		6.01	5.95	6.09	0.23		8.6
	2		6.93	6.86	7.00	0.25		
4,4'-DDD	1		6.42	6.36	6.50	0.033		64.0
	2		7.36	7.29	7.43	0.064		
Chlordane	1	1	3.22	3.16	3.30	4.55	1.3	20.3
		3	4.09	4.03	4.17	1.44		
		4	4.76	4.70	4.84	2.59		
		5	5.08	5.03	5.17	0.482		
		6	5.30	5.25	5.39	1.15		
	2	1	4.16	4.11	4.25	4.21	1.6	
		3	5.33	5.27	5.41	1.16		
		4	6.41	6.35	6.49	0.634		
		5	6.51	6.46	6.60	1.13		
		6	6.58	6.51	6.65	1.21		
		7	7.36	7.28	7.42	2.30		
		8	7.54	7.48	7.62	0.682		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT Lab Sample ID: 460-51333-21

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 10:43 Date Analyzed (2): 03/07/2013 10:43

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Dieldrin	1		6.01	5.95	6.09	0.028		9.7
	2		6.93	6.86	7.00	0.031		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-148935/2-A

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/05/2013 07:05 Date Analyzed (2): 03/05/2013 07:05

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.22	2.17	2.27	1.77		5.1
	2		2.96	2.91	3.01	1.87		
gamma-BHC (Lindane)	1		2.58	2.53	2.63	1.79		4.1
	2		3.62	3.57	3.67	1.86		
beta-BHC	1		2.70	2.66	2.76	1.85		0.3
	2		3.77	3.72	3.82	1.85		
delta-BHC	1		3.00	2.95	3.05	1.81		1.4
	2		4.31	4.26	4.36	1.84		
Heptachlor	1		3.36	3.31	3.41	1.75		12.9
	2		4.44	4.39	4.49	2.00		
Aldrin	1		3.86	3.81	3.91	1.78		2.1
	2		5.05	5.00	5.10	1.81		
Heptachlor epoxide	1		4.87	4.80	4.94	1.81		0.7
	2		6.16	6.09	6.23	1.80		
gamma-Chlordane	1		5.09	5.02	5.16	1.85		0.6
	2		6.41	6.34	6.48	1.84		
alpha-Chlordane	1		5.33	5.26	5.40	1.74		5.1
	2		6.58	6.51	6.65	1.83		
4,4'-DDE	1		5.48	5.41	5.55	1.87		1.1
	2		6.74	6.68	6.82	1.89		
Endosulfan I	1		5.57	5.50	5.64	1.85		0.9
	2		6.65	6.58	6.72	1.87		
Dieldrin	1		6.02	5.95	6.09	1.70		0.1
	2		6.93	6.86	7.00	1.70		
Endrin	1		6.34	6.27	6.41	1.87		0.1
	2		7.26	7.19	7.33	1.87		
4,4'-DDD	1		6.43	6.36	6.50	1.85		0.6
	2		7.36	7.29	7.43	1.84		
Endosulfan II	1		6.59	6.52	6.66	1.75		4.1
	2		7.49	7.42	7.56	1.83		
4,4'-DDT	1		6.72	6.65	6.79	1.80		1.4
	2		7.72	7.65	7.79	1.83		
Endrin aldehyde	1		7.01	6.94	7.08	1.89		2.0
	2		7.87	7.80	7.94	1.85		
Methoxychlor	1		7.22	7.15	7.29	1.75		5.5
	2		8.44	8.37	8.51	1.85		
Endosulfan sulfate	1		7.47	7.40	7.54	1.73		4.9
	2		8.19	8.12	8.26	1.82		
Endrin ketone	1		7.78	7.71	7.85	1.88		6.1
	2		8.65	8.58	8.72	2.00		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-149023/2-A

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 10:15 Date Analyzed (2): 03/07/2013 10:15

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.21	2.17	2.27	2.30		1.9
	2		2.95	2.91	3.01	2.35		
gamma-BHC (Lindane)	1		2.58	2.53	2.63	2.27		3.0
	2		3.61	3.57	3.67	2.33		
beta-BHC	1		2.70	2.66	2.76	2.32		0.7
	2		3.76	3.72	3.82	2.30		
delta-BHC	1		2.99	2.95	3.05	2.32		0.2
	2		4.30	4.26	4.36	2.32		
Heptachlor	1		3.35	3.31	3.41	2.13		13.7
	2		4.43	4.38	4.48	2.45		
Aldrin	1		3.85	3.81	3.91	2.24		1.8
	2		5.04	5.00	5.10	2.28		
Heptachlor epoxide	1		4.86	4.80	4.94	2.21		0.2
	2		6.15	6.09	6.23	2.21		
gamma-Chlordane	1		5.08	5.02	5.16	2.32		0.2
	2		6.41	6.34	6.48	2.33		
alpha-Chlordane	1		5.32	5.26	5.40	2.01		13.4
	2		6.58	6.51	6.65	2.30		
4,4'-DDE	1		5.47	5.41	5.55	2.33		4.0
	2		6.74	6.67	6.81	2.42		
Endosulfan I	1		5.56	5.50	5.64	2.30		0.9
	2		6.64	6.58	6.72	2.32		
Dieldrin	1		6.01	5.95	6.09	2.10		1.5
	2		6.93	6.86	7.00	2.13		
Endrin	1		6.34	6.27	6.41	2.26		0.9
	2		7.26	7.19	7.33	2.28		
4,4'-DDD	1		6.42	6.36	6.50	2.33		0.6
	2		7.36	7.29	7.43	2.32		
Endosulfan II	1		6.58	6.52	6.66	2.14		6.3
	2		7.49	7.42	7.56	2.28		
4,4'-DDT	1		6.71	6.65	6.79	2.23		3.7
	2		7.71	7.64	7.78	2.31		
Endrin aldehyde	1		7.00	6.94	7.08	2.26		0.5
	2		7.87	7.80	7.94	2.25		
Methoxychlor	1		7.22	7.15	7.29	2.07		9.8
	2		8.44	8.37	8.51	2.29		
Endosulfan sulfate	1		7.46	7.40	7.54	2.14		6.9
	2		8.18	8.12	8.26	2.29		
Endrin ketone	1		7.77	7.71	7.85	2.41		9.3
	2		8.65	8.58	8.72	2.64		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-149023/3-A

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 03/07/2013 10:29 Date Analyzed (2): 03/07/2013 10:29

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.21	2.17	2.27	2.31		2.1
	2		2.95	2.91	3.01	2.36		
gamma-BHC (Lindane)	1		2.58	2.53	2.63	2.28		2.9
	2		3.61	3.57	3.67	2.34		
beta-BHC	1		2.70	2.66	2.76	2.32		0.6
	2		3.76	3.72	3.82	2.31		
delta-BHC	1		2.99	2.95	3.05	2.33		0.6
	2		4.30	4.26	4.36	2.32		
Heptachlor	1		3.35	3.31	3.41	2.15		13.4
	2		4.43	4.38	4.48	2.46		
Aldrin	1		3.85	3.81	3.91	2.23		2.1
	2		5.04	5.00	5.10	2.28		
Heptachlor epoxide	1		4.86	4.80	4.94	2.23		0.7
	2		6.15	6.09	6.23	2.21		
gamma-Chlordane	1		5.08	5.02	5.16	2.34		1.0
	2		6.41	6.34	6.48	2.36		
alpha-Chlordane	1		5.32	5.26	5.40	1.92		20.0
	2		6.58	6.51	6.65	2.34		
4,4'-DDE	1		5.47	5.41	5.55	2.36		3.1
	2		6.74	6.67	6.81	2.44		
Endosulfan I	1		5.56	5.50	5.64	2.30		0.4
	2		6.64	6.58	6.72	2.29		
Dieldrin	1		6.01	5.95	6.09	2.11		2.6
	2		6.93	6.86	7.00	2.16		
Endrin	1		6.33	6.27	6.41	2.29		0.4
	2		7.26	7.19	7.33	2.30		
4,4'-DDD	1		6.42	6.36	6.50	2.44		2.6
	2		7.36	7.29	7.43	2.38		
Endosulfan II	1		6.58	6.52	6.66	2.16		3.9
	2		7.49	7.42	7.56	2.24		
4,4'-DDT	1		6.71	6.65	6.79	2.27		2.3
	2		7.71	7.64	7.78	2.32		
Endrin aldehyde	1		7.01	6.94	7.08	2.30		7.2
	2		7.87	7.80	7.94	2.14		
Methoxychlor	1		7.22	7.15	7.29	2.11		9.4
	2		8.44	8.37	8.51	2.32		
Endosulfan sulfate	1		7.46	7.40	7.54	2.16		6.9
	2		8.18	8.12	8.26	2.31		
Endrin ketone	1		7.77	7.71	7.85	2.43		11.4
	2		8.65	8.58	8.72	2.72		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT | Lab Sample ID: 460-51333-1

Matrix: Water | Lab File ID: WF710125.D

Analysis Method: 8081A | Date Collected: 02/25/2013 13:42

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 21:25

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
60-57-1	Dieldrin	0.13		0.050	0.0050
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
5103-71-9	alpha-Chlordane	0.045	J p	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	119		38-150
2051-24-3	DCB Decachlorobiphenyl	96		14-138

Data File: WF710125.D
Report Date: 07-Mar-2013 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710125.D
Lab Smp Id: 460-51333-I-1-A Client Smp ID: 130041-MW10R-45FT
Inj Date : 06-MAR-2013 21:25
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-1-A
Misc Info : 460-51333-I-1-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

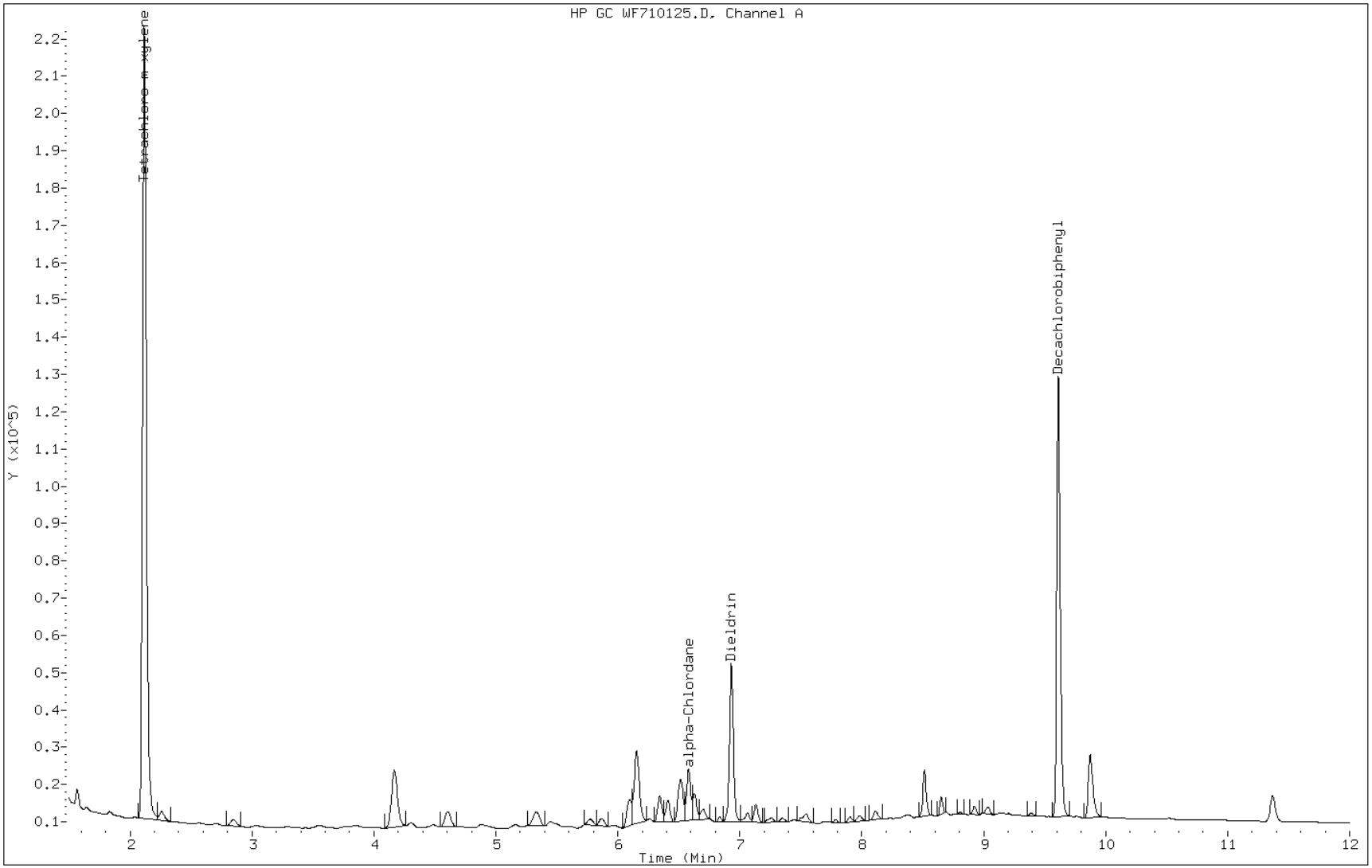
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	468793	118.806	0.59	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.580	6.577	0.003	31695	8.96831	0.045	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.930	6.930	0.000	94559	26.0024	0.13	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.610	9.613	-0.003	234365	96.4682	0.48	80.00- 120.00	100.00

Data File: WF710125.D

Date: 06-MAR-2013 21:25

Client ID: 130041-MW10R-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW10R-45FT | Lab Sample ID: 460-51333-1

Matrix: Water | Lab File ID: WR710125.D

Analysis Method: 8081A | Date Collected: 02/25/2013 13:42

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 21:25

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110		38-150
2051-24-3	DCB Decachlorobiphenyl	101		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710125.D
Lab Smp Id: 460-51333-I-1-A Client Smp ID: 130041-MW10R-45FT
Inj Date : 06-MAR-2013 21:25
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-1-A
Misc Info : 460-51333-I-1-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

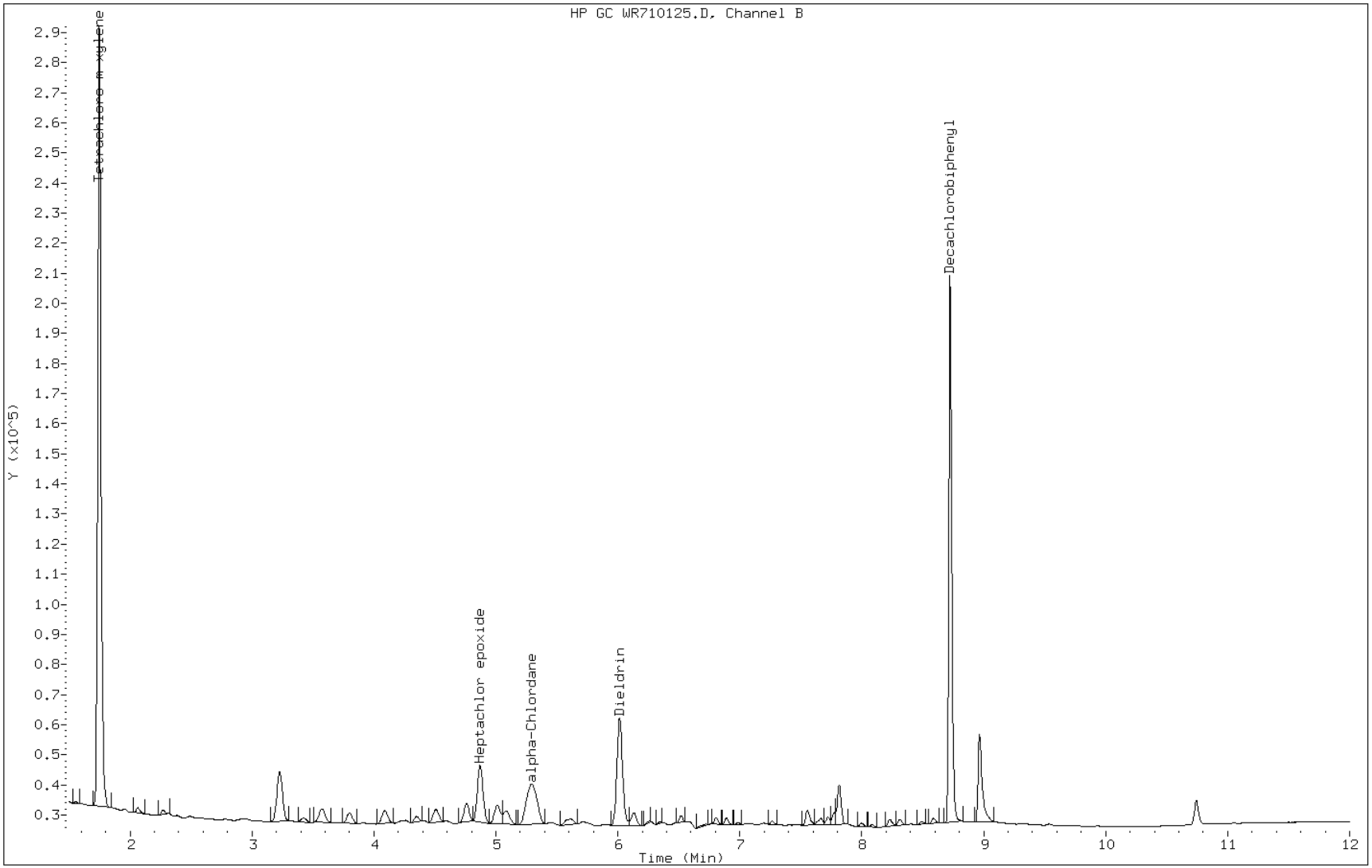
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	483393	109.546	0.55	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.870	4.867	0.003	60907	13.8895	0.069	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.293	5.320	-0.027	80506	18.5513	0.093	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.013	6.013	0.000	113462	25.9603	0.13	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	297728	100.980	0.50	80.00- 120.00	100.00

Data File: WR710125.D

Date: 06-MAR-2013 21:25

Client ID: 130041-MW10R-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8S-50FT Lab Sample ID: 460-51333-3

Matrix: Water Lab File ID: WF710126.D

Analysis Method: 8081A Date Collected: 02/25/2013 15:19

Extraction Method: 3510C Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) Date Analyzed: 03/06/2013 21:39

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	118		38-150
2051-24-3	DCB Decachlorobiphenyl	97		14-138

Data File: WF710126.D
Report Date: 07-Mar-2013 08:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710126.D
Lab Smp Id: 460-51333-G-3-A Client Smp ID: 130041-MW8S-50FT
Inj Date : 06-MAR-2013 21:39
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-3-A
Misc Info : 460-51333-G-3-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

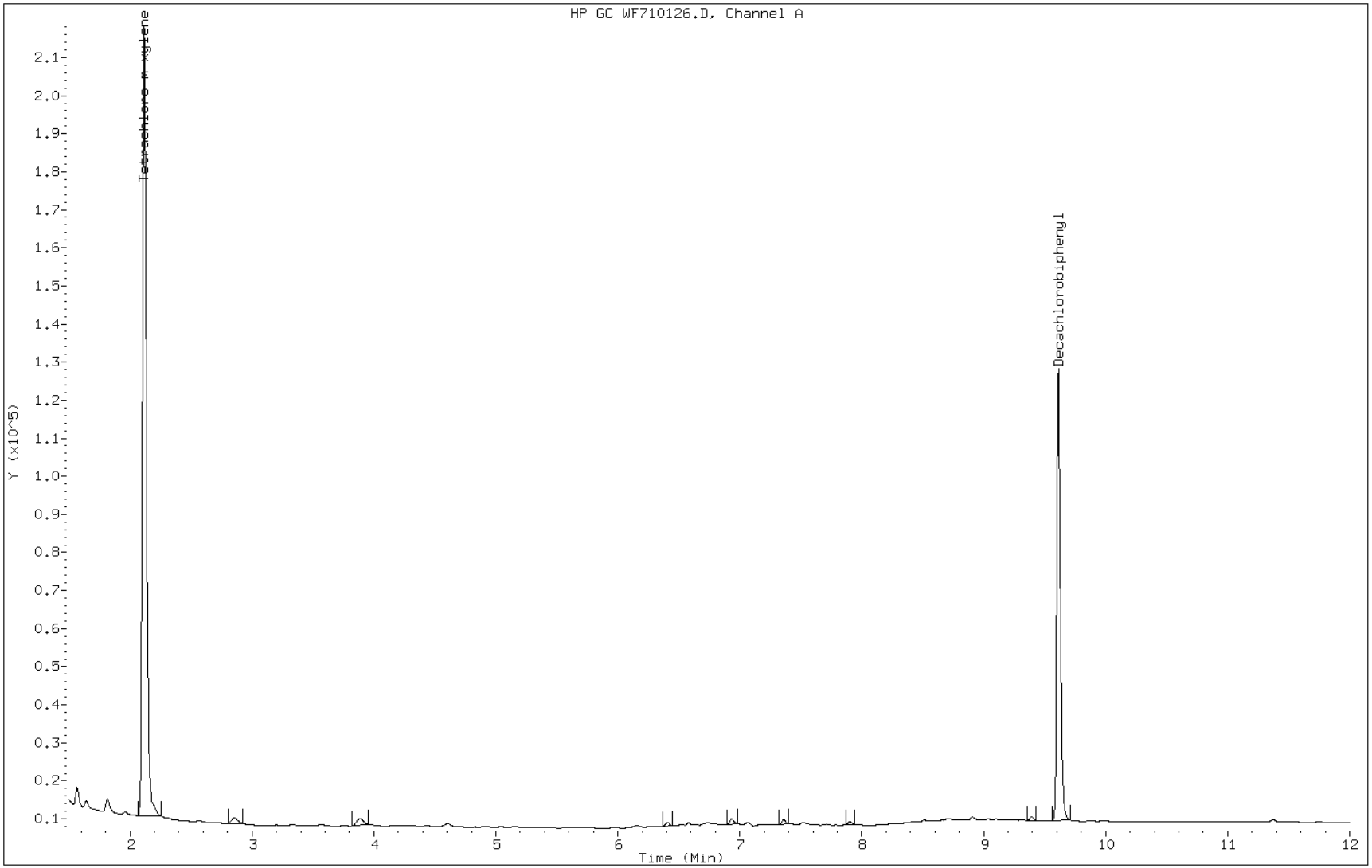
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	466964	118.342	0.59	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	236761	97.4543	0.49	80.00- 120.00	100.00

Data File: WF710126.D

Date: 06-MAR-2013 21:39

Client ID: 130041-MW8S-50FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-3-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8S-50FT | Lab Sample ID: 460-51333-3

Matrix: Water | Lab File ID: WR710126.D

Analysis Method: 8081A | Date Collected: 02/25/2013 15:19

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 21:39

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
60-57-1	Dieldrin	0.050	U	0.050	0.0050
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	106		38-150
2051-24-3	DCB Decachlorobiphenyl	102		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710126.D
Lab Smp Id: 460-51333-G-3-A Client Smp ID: 130041-MW8S-50FT
Inj Date : 06-MAR-2013 21:39
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-3-A
Misc Info : 460-51333-G-3-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

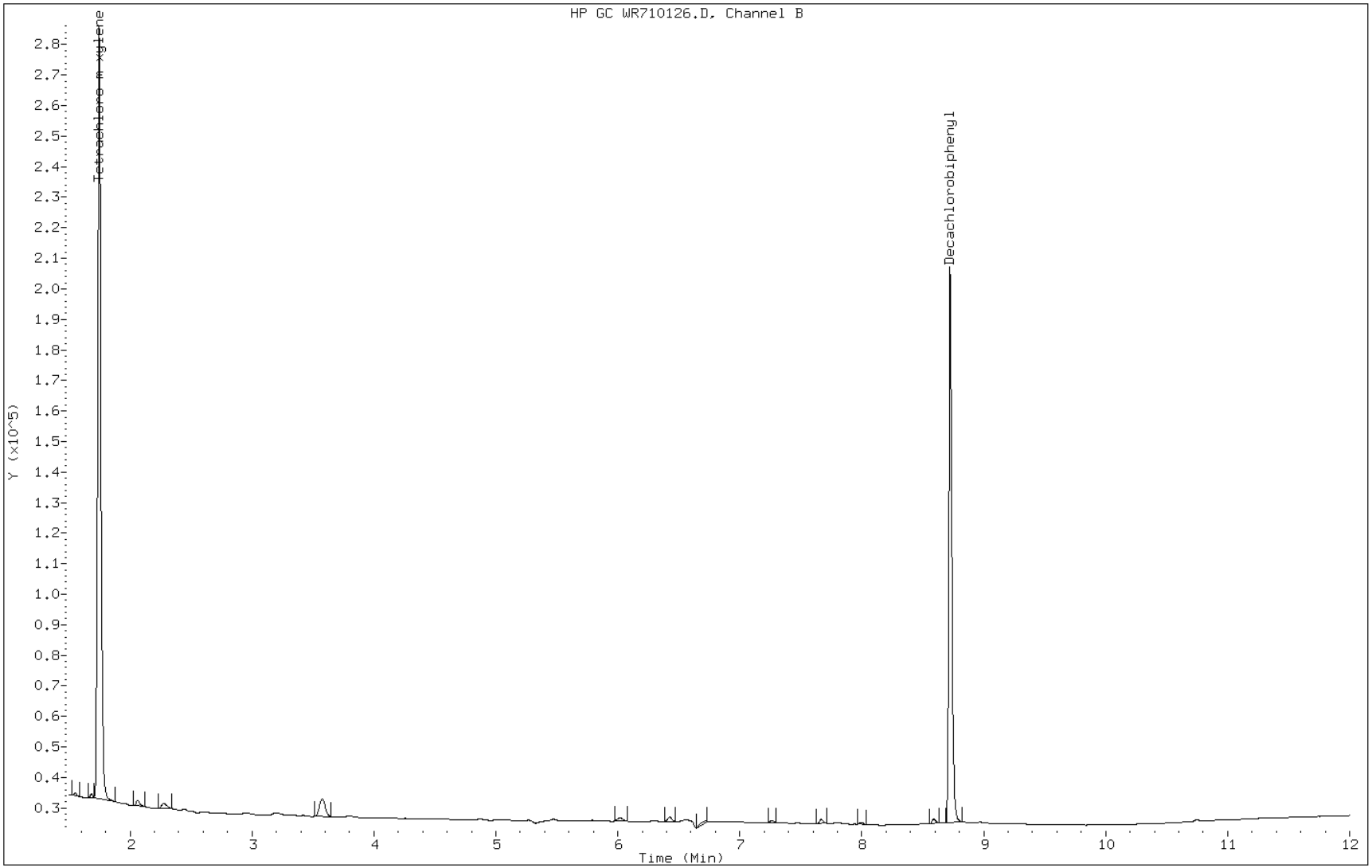
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	466410	105.698	0.53	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	300335	101.864	0.51	80.00- 120.00	100.00

Data File: WR710126.D

Date: 06-MAR-2013 21:39

Client ID: 130041-MW8S-50FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-3-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT Lab Sample ID: 460-51333-4

Matrix: Water Lab File ID: WF710127.D

Analysis Method: 8081A Date Collected: 02/25/2013 18:25

Extraction Method: 3510C Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) Date Analyzed: 03/06/2013 21:53

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
959-98-8	Endosulfan I	0.067		0.050	0.0090
5103-74-2	gamma-Chlordane	0.086		0.050	0.0090
5103-71-9	alpha-Chlordane	0.16	p	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		38-150
2051-24-3	DCB Decachlorobiphenyl	104		14-138

Data File: WF710127.D
Report Date: 07-Mar-2013 08:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710127.D
Lab Smp Id: 460-51333-I-4-A Client Smp ID: 130041-MW-3-45FT
Inj Date : 06-MAR-2013 21:53
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-4-A
Misc Info : 460-51333-I-4-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	430229	109.033	0.54	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
4.167	4.177	-0.010	148909	751.227	3.8	80.00- 120.00	100.00
4.483	4.443	0.040	8105	37.2937	0.19	87.72- 131.58	5.44
5.327	5.337	-0.010	56987	301.390	1.5	76.31- 114.47	38.27
6.410	6.417	-0.007	65802	135.769	0.68	195.60- 293.40	44.19
6.507	6.527	-0.020	93550	240.722	1.2	156.84- 235.27	62.82
6.580	6.583	-0.003	112212	276.912	1.4	163.55- 245.32	75.36
7.347	7.350	-0.003	8635	100.187	0.50	34.79- 52.18	5.80
7.543	7.550	-0.007	24915	177.230	0.89	56.74- 85.11	16.73
Average of Peak Concentrations =					1.3		

Data File: WF710127.D
Report Date: 07-Mar-2013 08:50

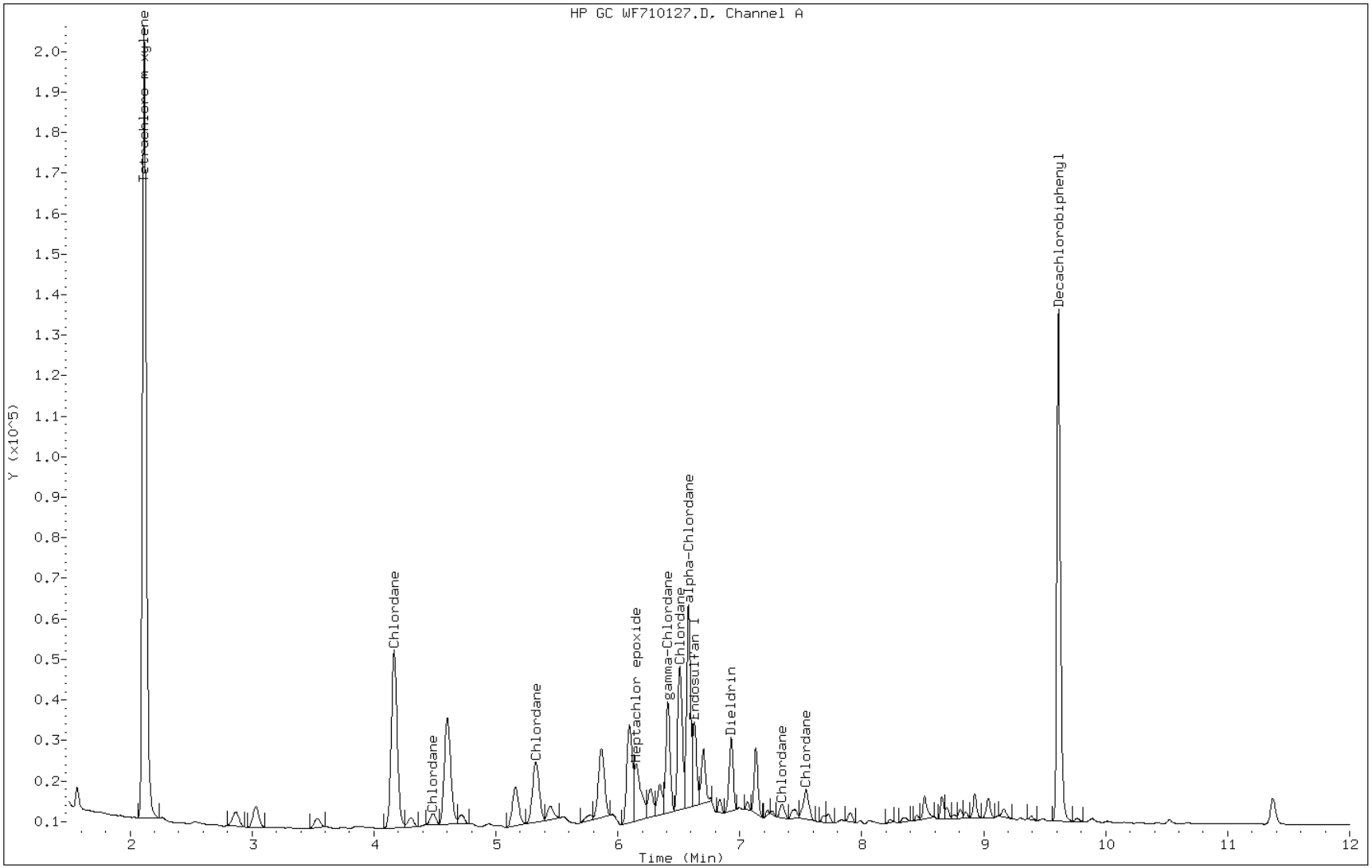
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.150	6.153	-0.003	52389	13.2838	0.066	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.410	6.410	0.000	65802	17.1027	0.086	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.580	6.577	0.003	112212	31.7513	0.16	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.627	6.647	-0.020	45582	13.4899	0.067	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.930	6.930	0.000	41021	11.2803	0.056	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	253532	104.358	0.52	80.00- 120.00	100.00

Data File: WF710127.D

Date: 06-MAR-2013 21:53

Client ID: 130041-MW-3-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-4-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-3-45FT | Lab Sample ID: 460-51333-4

Matrix: Water | Lab File ID: WR710127.D

Analysis Method: 8081A | Date Collected: 02/25/2013 18:25

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 21:53

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
57-74-9	Chlordane	1.5		0.50	0.33
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
60-57-1	Dieldrin	0.057		0.050	0.0050
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.072		0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		38-150
2051-24-3	DCB Decachlorobiphenyl	108		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710127.D
Lab Smp Id: 460-51333-I-4-A Client Smp ID: 130041-MW-3-45FT
Inj Date : 06-MAR-2013 21:53
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-4-A
Misc Info : 460-51333-I-4-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	447597	101.434	0.51	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
3.227	3.233	-0.006	153075	793.481	4.0	80.00- 120.00	100.00
3.420	3.363	0.057	4980	19.2763	0.096	107.14- 160.70	3.25
4.087	4.097	-0.010	61064	296.149	1.5	85.51- 128.26	39.89
4.760	4.770	-0.010	74508	732.147	3.7	42.20- 63.30	48.67
5.083	5.097	-0.014	77974	131.678	0.66	245.56- 368.34	50.94
5.303	5.320	-0.017	272036	300.514	1.5	375.39- 563.09	177.71
6.377	6.390	-0.013	10474	90.6452	0.45	47.92- 71.88	6.84
6.520	6.527	-0.007	13400	77.4872	0.39	71.71- 107.57	8.75
Average of Peak Concentrations =					1.5		

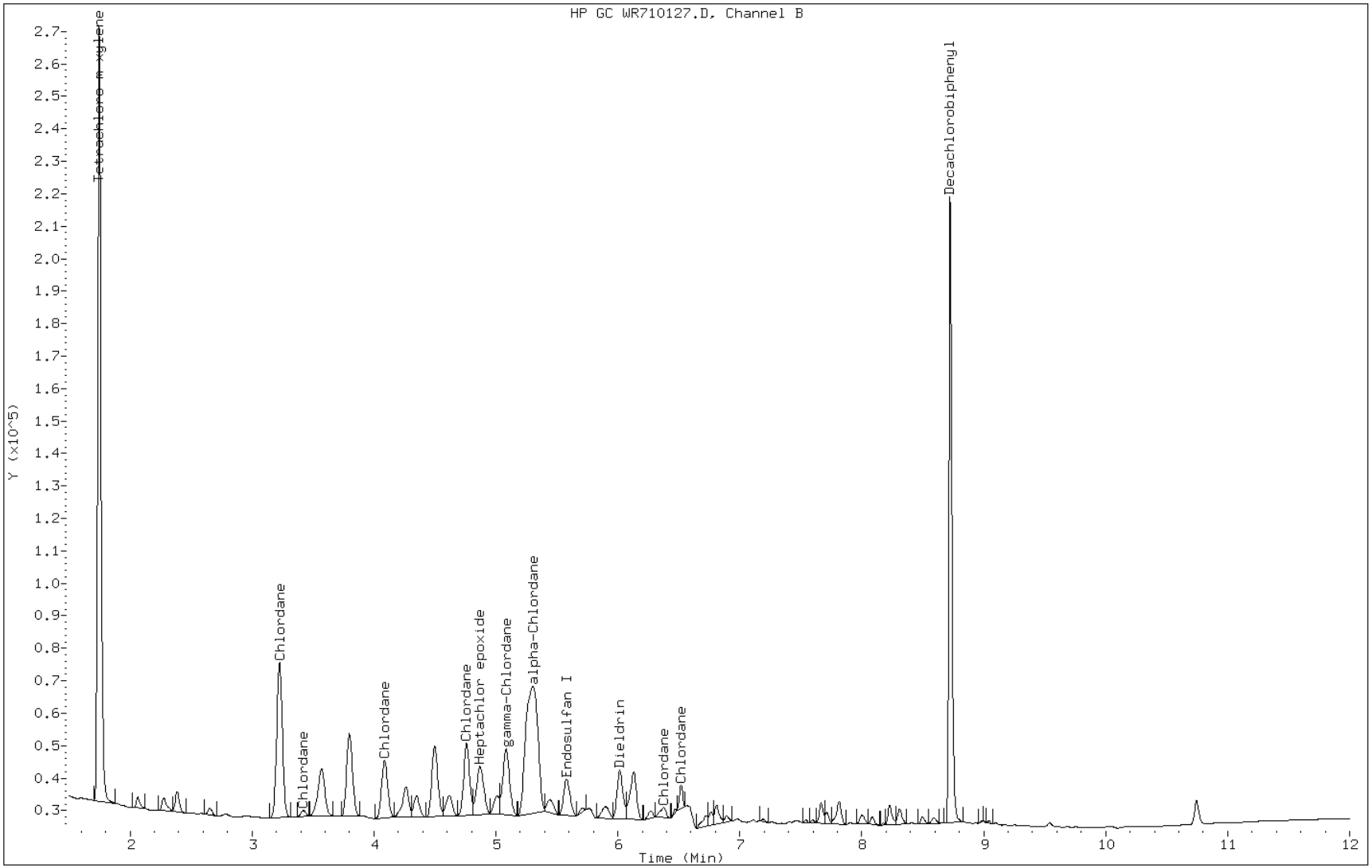
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.870	4.867	0.003	62772	14.3147	0.072	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.083	5.083	0.000	77974	17.0712	0.085	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.303	5.320	-0.017	272036	62.6863	0.31	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.580	5.567	0.013	40528	9.76873	0.049	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.017	6.013	0.004	50216	11.4895	0.057	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	319837	108.479	0.54	80.00- 120.00	100.00

Data File: WR710127.D

Date: 06-MAR-2013 21:53

Client ID: 130041-MW-3-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-4-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT | Lab Sample ID: 460-51333-6

Matrix: Water | Lab File ID: WF710128.D

Analysis Method: 8081A | Date Collected: 02/25/2013 16:22

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 22:07

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
57-74-9	Chlordane	1.9		0.50	0.33
60-57-1	Dieldrin	0.036	J	0.050	0.0050
5103-74-2	gamma-Chlordane	0.26		0.050	0.0090
5103-71-9	alpha-Chlordane	0.19	p	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		38-150
2051-24-3	DCB Decachlorobiphenyl	92		14-138

Data File: WF710128.D
Report Date: 07-Mar-2013 08:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710128.D
Lab Smp Id: 460-51333-I-6-A Client Smp ID: 130041-MW-2-45FT
Inj Date : 06-MAR-2013 22:07
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-6-A
Misc Info : 460-51333-I-6-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	408703	103.577	0.52	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
4.167	4.177	-0.010	69182	349.013	1.7	80.00- 120.00	100.00(T)
0.000	4.443	-4.443	0			87.72- 131.58	0.00
5.327	5.337	-0.010	44813	237.008	1.2	76.31- 114.47	64.78
6.410	6.417	-0.007	203562	420.012	2.1	195.60- 293.40	294.24
6.517	6.527	-0.010	167129	430.052	2.2	156.84- 235.27	241.58
6.580	6.583	-0.003	134800	332.652	1.7	163.55- 245.32	194.85
7.343	7.350	-0.007	55950	649.150	3.2	34.79- 52.18	80.87
7.543	7.550	-0.007	29367	208.899	1.0	56.74- 85.11	42.45
Average of Peak Concentrations =					1.9		

Data File: WF710128.D
Report Date: 07-Mar-2013 08:51

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	65 gamma-Chlordane					CAS #: 5103-74-2		
	6.410	6.410	0.000	203562	52.9083	0.26	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	6.580	6.577	0.003	134800	38.1427	0.19	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.943	6.930	0.013	25875	7.11543	0.036	80.00- 120.00	100.00
	7 4,4'-DDD					CAS #: 72-54-8		
	7.343	7.357	-0.014	55950	17.9657	0.090	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	9.613	9.613	0.000	223368	91.9414	0.46	80.00- 120.00	100.00

QC Flag Legend

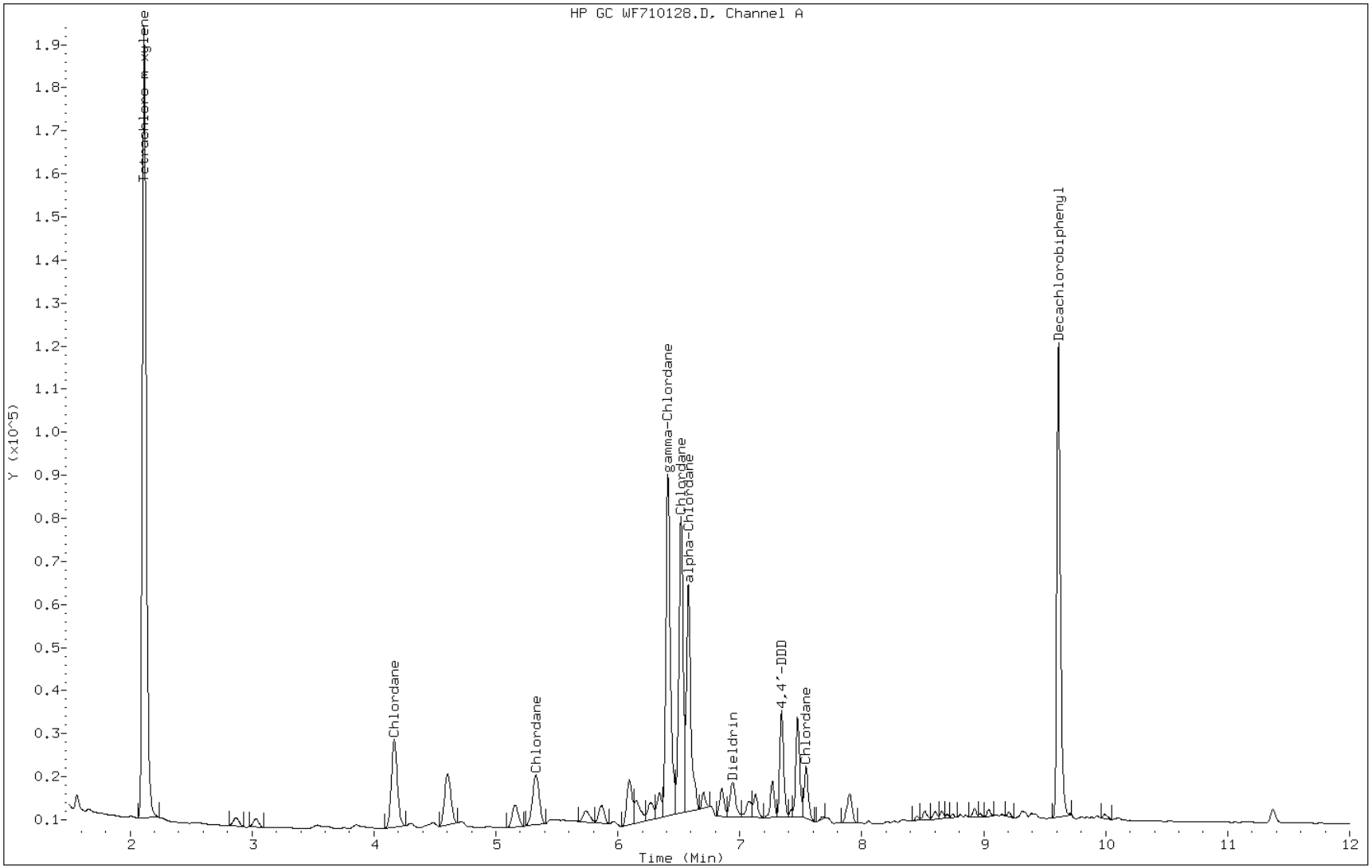
T - Target compound detected outside RT window.

Data File: WF710128.D

Date: 06-MAR-2013 22:07

Client ID: 130041-MW-2-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-6-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-2-45FT | Lab Sample ID: 460-51333-6

Matrix: Water | Lab File ID: WR710128.D

Analysis Method: 8081A | Date Collected: 02/25/2013 16:22

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 22:07

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
72-54-8	4,4'-DDD	0.12		0.050	0.011
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		38-150
2051-24-3	DCB Decachlorobiphenyl	95		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710128.D
Lab Smp Id: 460-51333-I-6-A Client Smp ID: 130041-MW-2-45FT
Inj Date : 06-MAR-2013 22:07
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-6-A
Misc Info : 460-51333-I-6-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	417999	94.7269	0.47	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
3.227	3.233	-0.006	69791	361.774	1.8	80.00- 120.00	100.00
3.420	3.363	0.057	508	1.96629	0.0098	107.14- 160.70	0.73
4.087	4.097	-0.010	50746	246.108	1.2	85.51- 128.26	72.71
4.760	4.770	-0.010	27198	267.258	1.3	42.20- 63.30	38.97
5.087	5.097	-0.010	238225	402.299	2.0	245.56- 368.34	341.34
5.303	5.320	-0.017	331718	366.443	1.8	375.39- 563.09	475.30
6.380	6.390	-0.010	0			47.92- 71.88	0.00
6.517	6.527	-0.010	30065	173.851	0.87	71.71- 107.57	43.08
Average of Peak Concentrations =					1.3		

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
65 gamma-Chlordane						CAS #: 5103-74-2	
5.087	5.083	0.004	238225	52.1555	0.26	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
5.303	5.320	-0.017	331718	76.4388	0.38	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
6.020	6.013	0.007	21817	4.99193	0.025	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.380	6.423	-0.043	84115	23.1235	0.12	80.00- 120.00	100.00(M)
$ 30 Decachlorobiphenyl						CAS #: 2051-24-3	
8.723	8.723	0.000	279505	94.7992	0.47	80.00- 120.00	100.00

QC Flag Legend

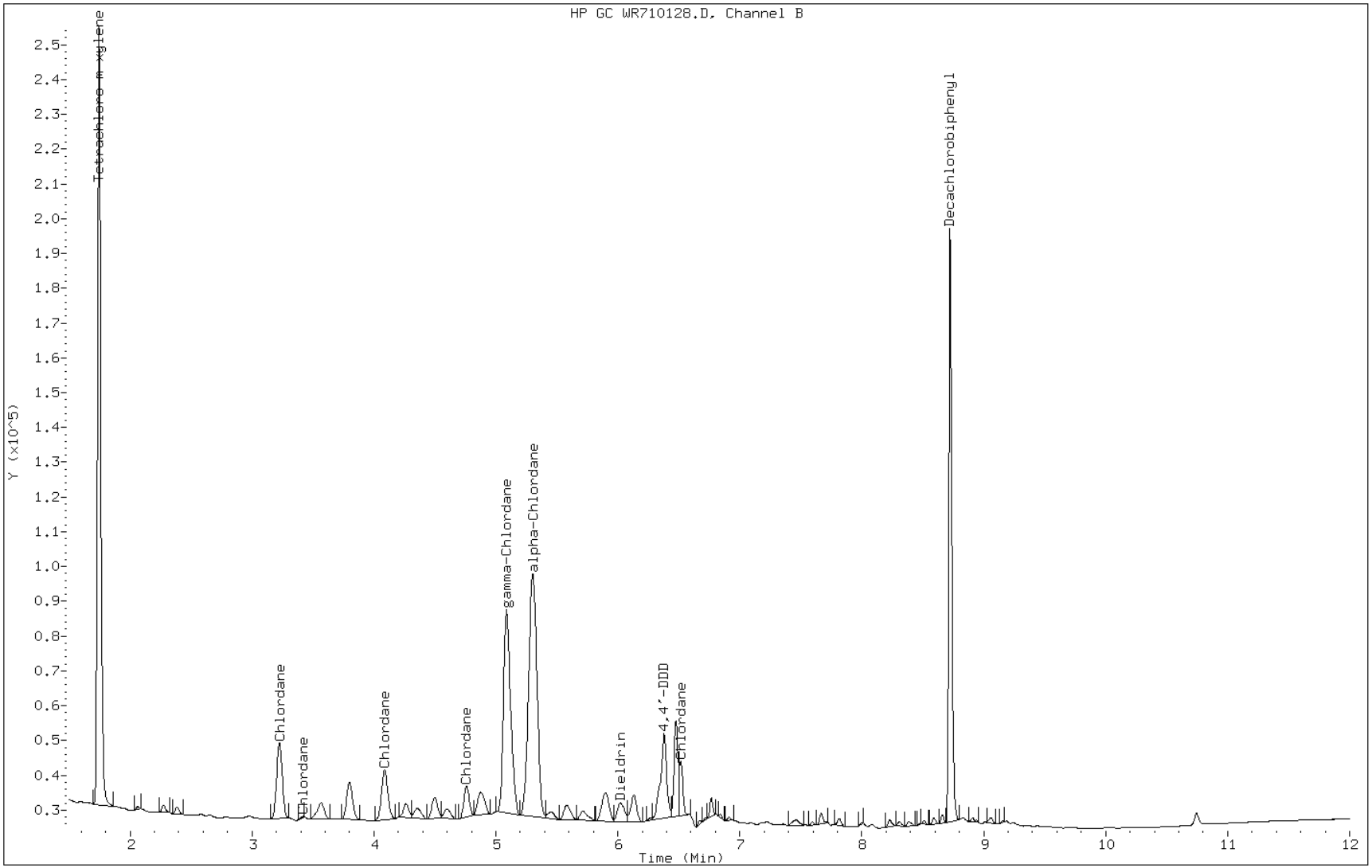
M - Compound response manually integrated.

Data File: WR710128.D

Date: 06-MAR-2013 22:07

Client ID: 130041-MW-2-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-6-A Operator:



Manual Integration Report

Data File: WR710128.D
Inj. Date and Time: 06-MAR-2013 22:07
Instrument ID: PESTGC4.i
Client ID: 130041-MW-2-45FT
Compound: 7 4,4'-DDD
CAS #: 72-54-8
Report Date: 03/07/2013

Processing Integration Results

Not Detected

Expected RT: 6.42

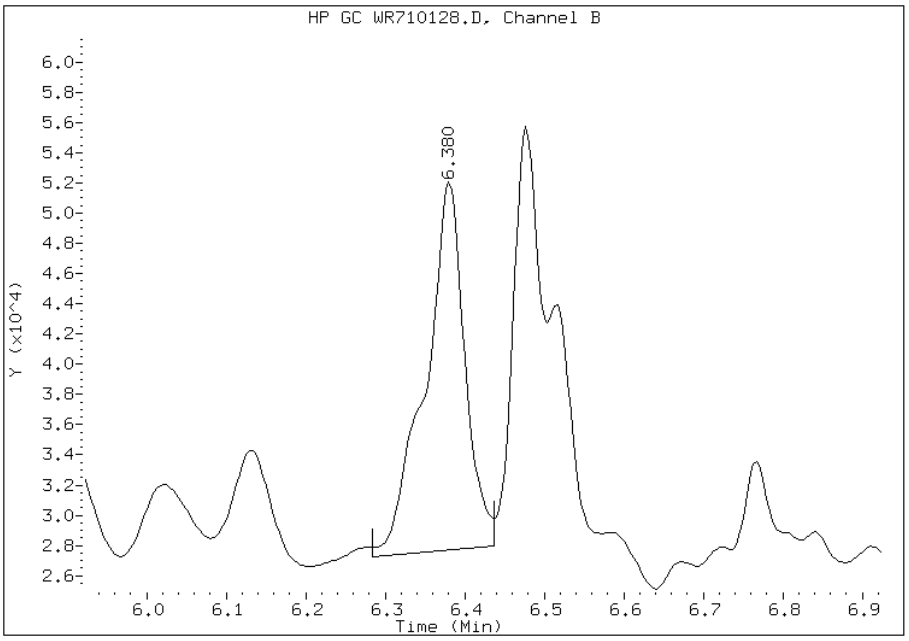
Manual Integration Results

RT: 6.38

Response: 84115

Amount: 23.12

Conc: 0.12



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT | Lab Sample ID: 460-51333-7

Matrix: Water | Lab File ID: WF710129.D

Analysis Method: 8081A | Date Collected: 02/25/2013 17:39

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 22:21

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.027	J	0.050	0.011
5103-71-9	alpha-Chlordane	0.13	p	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	125		38-150
2051-24-3	DCB Decachlorobiphenyl	119		14-138

Data File: WF710129.D
Report Date: 07-Mar-2013 08:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710129.D
Lab Smp Id: 460-51333-H-7-A Client Smp ID: 130041-MW-4-45FT
Inj Date : 06-MAR-2013 22:21
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-H-7-A
Misc Info : 460-51333-H-7-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.120	2.113	0.007	493928	125.176	0.62	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
4.170	4.177	-0.007	116190	586.161	2.9	80.00- 120.00	100.00
4.487	4.443	0.044	2795	12.8611	0.064	87.72- 131.58	2.41
5.330	5.337	-0.007	39886	210.948	1.0	76.31- 114.47	34.33
6.410	6.417	-0.007	79439	163.908	0.82	195.60- 293.40	68.37
6.513	6.527	-0.014	92663	238.438	1.2	156.84- 235.27	79.75
6.580	6.583	-0.003	92419	228.066	1.1	163.55- 245.32	79.54
7.343	7.350	-0.007	0			34.79- 52.18	0.00
7.543	7.550	-0.007	25799	183.519	0.92	56.74- 85.11	22.20
Average of Peak Concentrations =					1.2		

Data File: WF710129.D
Report Date: 07-Mar-2013 08:53

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	6.153	6.153	0.000	51008	12.9335	0.065	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	6.410	6.410	0.000	79439	20.6473	0.10	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	6.580	6.577	0.003	92419	26.1506	0.13	80.00- 120.00	100.00
	11 Endosulfan I					CAS #: 959-98-8		
	6.630	6.647	-0.017	40292	11.9245	0.060	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.930	6.930	0.000	41942	11.5336	0.058	80.00- 120.00	100.00
	7 4,4'-DDD					CAS #: 72-54-8		
	7.343	7.357	-0.014	16902	5.42722	0.027	80.00- 120.00	100.00(M)
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	9.613	9.613	0.000	288264	118.653	0.59	80.00- 120.00	100.00

QC Flag Legend

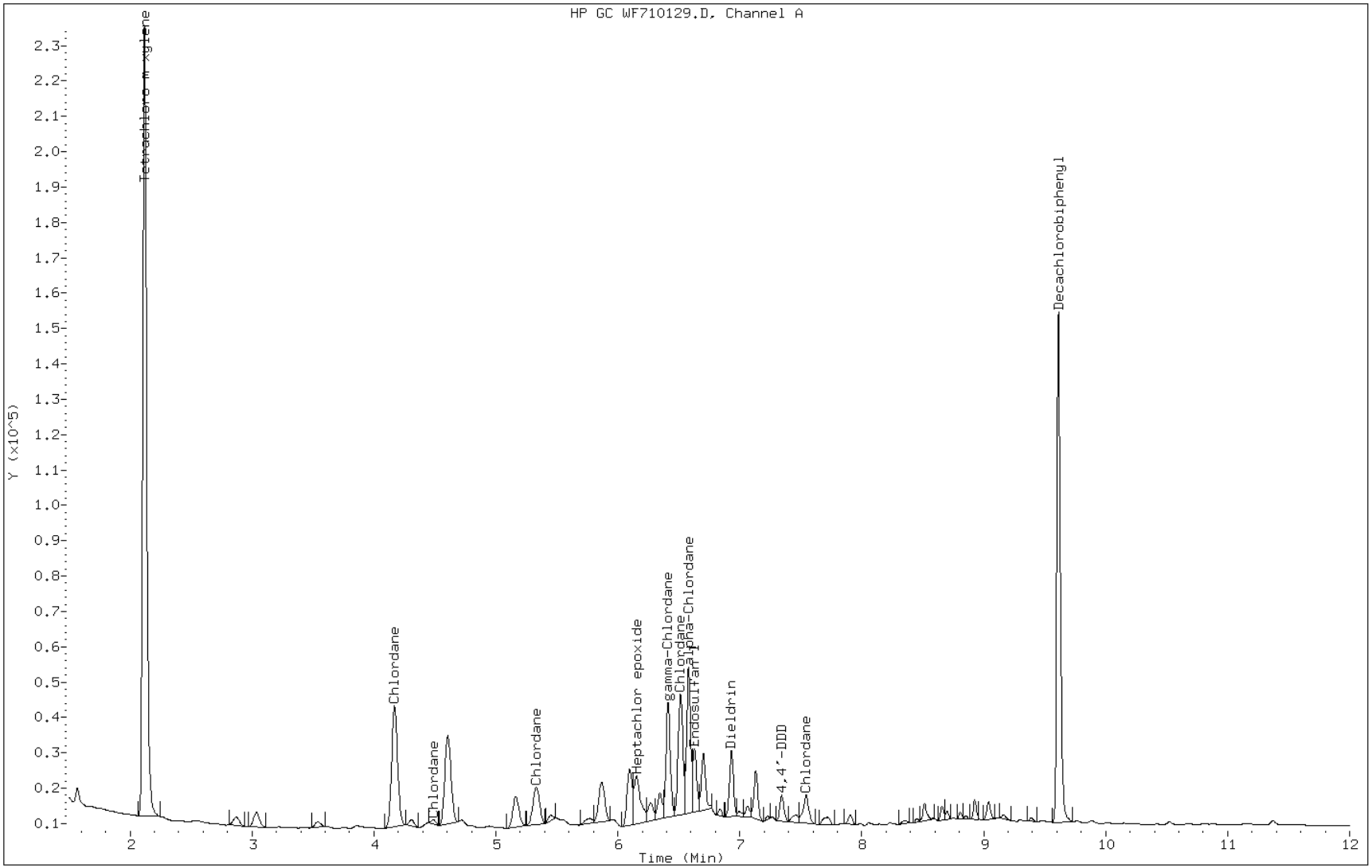
M - Compound response manually integrated.

Data File: WF710129.D

Date: 06-MAR-2013 22:21

Client ID: 130041-MW-4-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-H-7-A Operator:



Manual Integration Report

Data File: WF710129.D
Inj. Date and Time: 06-MAR-2013 22:21
Instrument ID: PESTGC4.i
Client ID: 130041-MW-4-45FT
Compound: 7 4,4'-DDD
CAS #: 72-54-8
Report Date: 03/07/2013

Processing Integration Results

Not Detected

Expected RT: 7.36

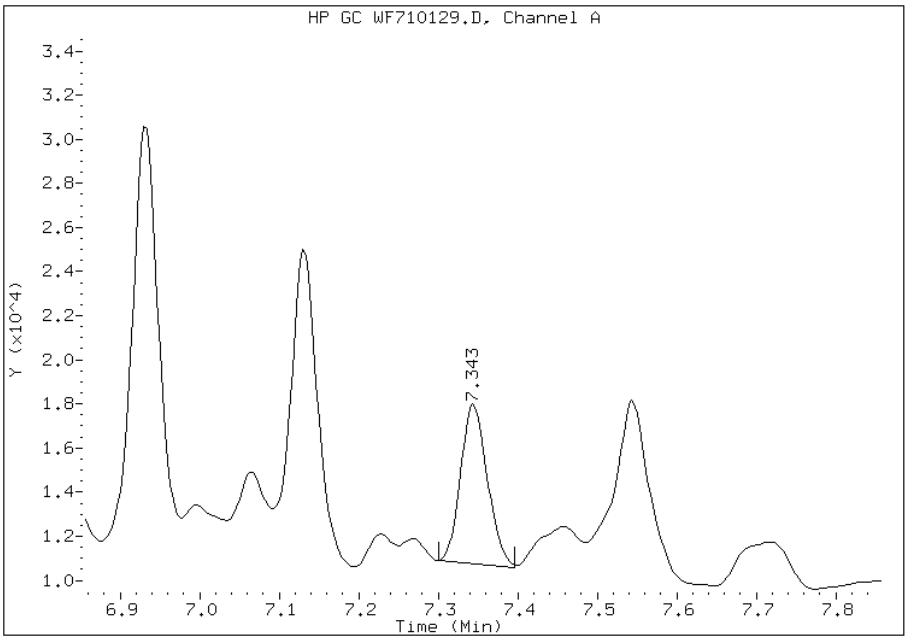
Manual Integration Results

RT: 7.34

Response: 16902

Amount: 5.43

Conc: 0.03



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-4-45FT | Lab Sample ID: 460-51333-7

Matrix: Water | Lab File ID: WR710129.D

Analysis Method: 8081A | Date Collected: 02/25/2013 17:39

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 22:21

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
57-74-9	Chlordane	1.4		0.50	0.33
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
60-57-1	Dieldrin	0.060		0.050	0.0050
959-98-8	Endosulfan I	0.061		0.050	0.0090
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.068		0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	0.11		0.050	0.0090

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	114		38-150
2051-24-3	DCB Decachlorobiphenyl	123		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710129.D
Lab Smp Id: 460-51333-H-7-A Client Smp ID: 130041-MW-4-45FT
Inj Date : 06-MAR-2013 22:21
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-H-7-A
Misc Info : 460-51333-H-7-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.750	1.743	0.007	504521	114.334	0.57	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
3.230	3.233	-0.003	120800	626.180	3.1	80.00- 120.00	100.00
3.423	3.363	0.060	3868	14.9725	0.075	107.14- 160.70	3.20
4.090	4.097	-0.007	44599	216.300	1.1	85.51- 128.26	36.92
4.763	4.770	-0.007	51322	504.310	2.5	42.20- 63.30	42.49
5.087	5.097	-0.010	100828	170.272	0.85	245.56- 368.34	83.47
5.307	5.320	-0.013	251204	277.501	1.4	375.39- 563.09	207.95
6.380	6.390	-0.010	0			47.92- 71.88	0.00
6.520	6.527	-0.007	16728	96.7318	0.48	71.71- 107.57	13.85
Average of Peak Concentrations =					1.4		

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.873	4.867	0.006	59561	13.5825	0.068	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.087	5.083	0.004	100828	22.0746	0.11	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.307	5.320	-0.013	251204	57.8859	0.29	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.580	5.567	0.013	50310	12.1265	0.061	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.017	6.013	0.004	52053	11.9099	0.060	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.380	6.423	-0.043	19624	5.39481	0.027	80.00- 120.00	100.00(M)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	364105	123.493	0.62	80.00- 120.00	100.00

QC Flag Legend

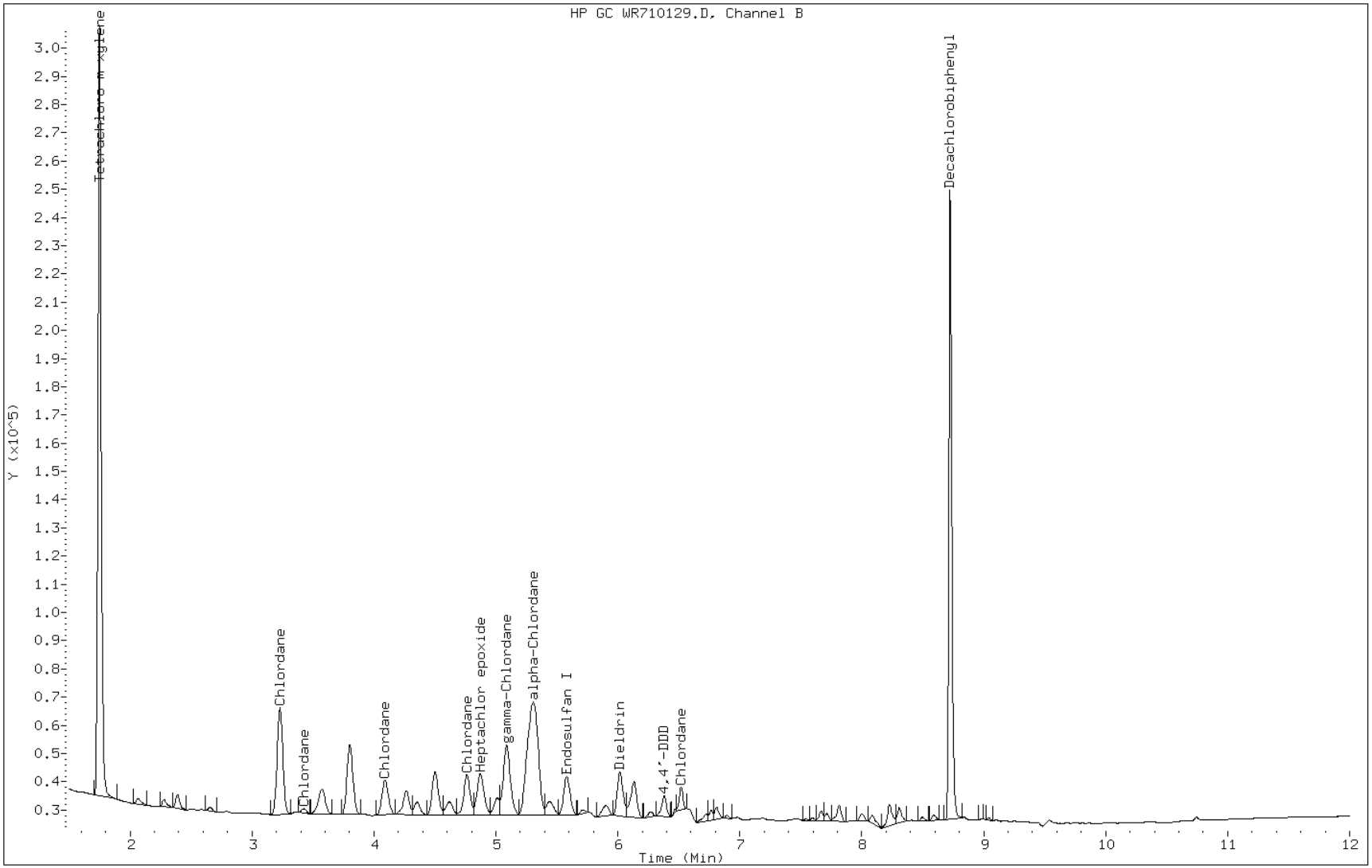
M - Compound response manually integrated.

Data File: WR710129.D

Date: 06-MAR-2013 22:21

Client ID: 130041-MW-4-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-H-7-A Operator:



Manual Integration Report

Data File: WR710129.D
Inj. Date and Time: 06-MAR-2013 22:21
Instrument ID: PESTGC4.i
Client ID: 130041-MW-4-45FT
Compound: 7 4,4'-DDD
CAS #: 72-54-8
Report Date: 03/07/2013

Processing Integration Results

Not Detected

Expected RT: 6.42

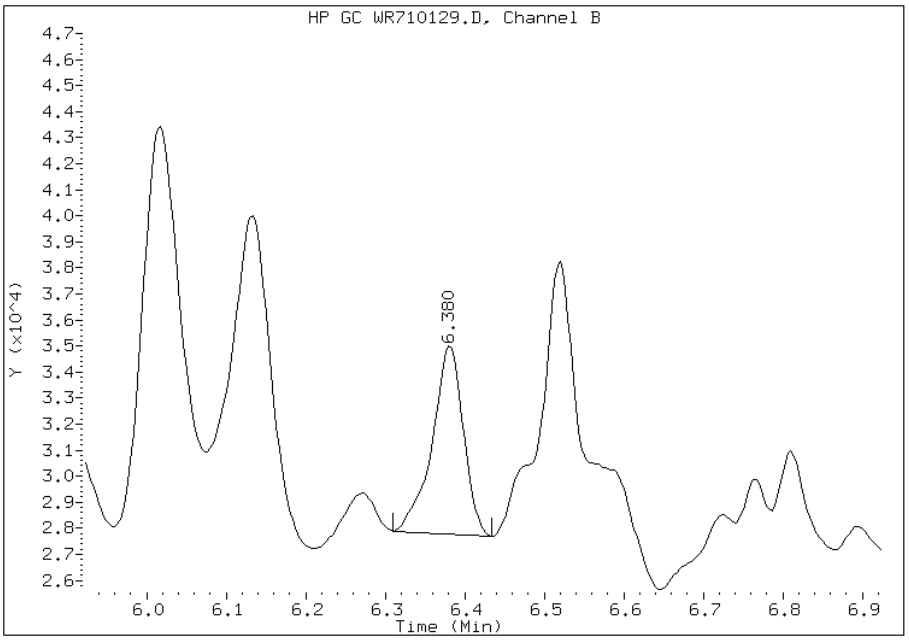
Manual Integration Results

RT: 6.38

Response: 19624

Amount: 5.39

Conc: 0.03



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT Lab Sample ID: 460-51333-9

Matrix: Water Lab File ID: WF710120.D

Analysis Method: 8081A Date Collected: 02/25/2013 17:07

Extraction Method: 3510C Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) Date Analyzed: 03/06/2013 20:16

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	123		38-150
2051-24-3	DCB Decachlorobiphenyl	103		14-138

Data File: WF710120.D
Report Date: 07-Mar-2013 10:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710120.D
Lab Smp Id: 460-51333-G-9-B
Inj Date : 06-MAR-2013 20:16
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-9-B
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

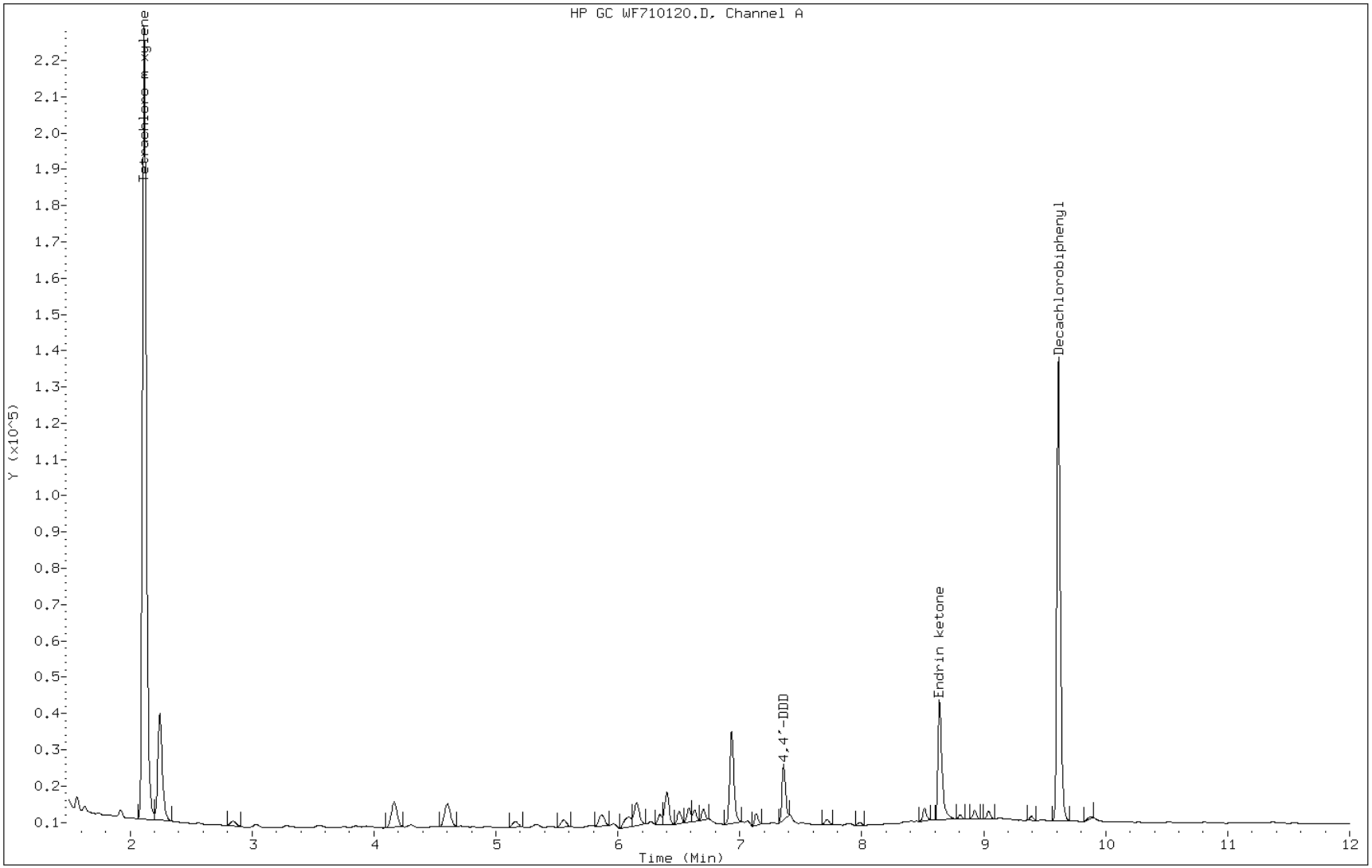
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	485413	123.018	0.62	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.360	7.357	0.003	30553	9.81049	0.049	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.637	8.650	-0.013	77716	27.9423	0.14	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	250022	102.913	0.51	80.00- 120.00	100.00

Data File: WF710120.D

Date: 06-MAR-2013 20:16

Client ID: Instrument: PESTGC4.i

Sample Info: 460-51333-G-9-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT | Lab Sample ID: 460-51333-9

Matrix: Water | Lab File ID: WR710120.D

Analysis Method: 8081A | Date Collected: 02/25/2013 17:07

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 20:16

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	0.061		0.050	0.011
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
60-57-1	Dieldrin	0.050	U	0.050	0.0050
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	124		38-150
2051-24-3	DCB Decachlorobiphenyl	108		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710120.D
Lab Smp Id: 460-51333-G-9-B
Inj Date : 06-MAR-2013 20:16
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-9-B
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

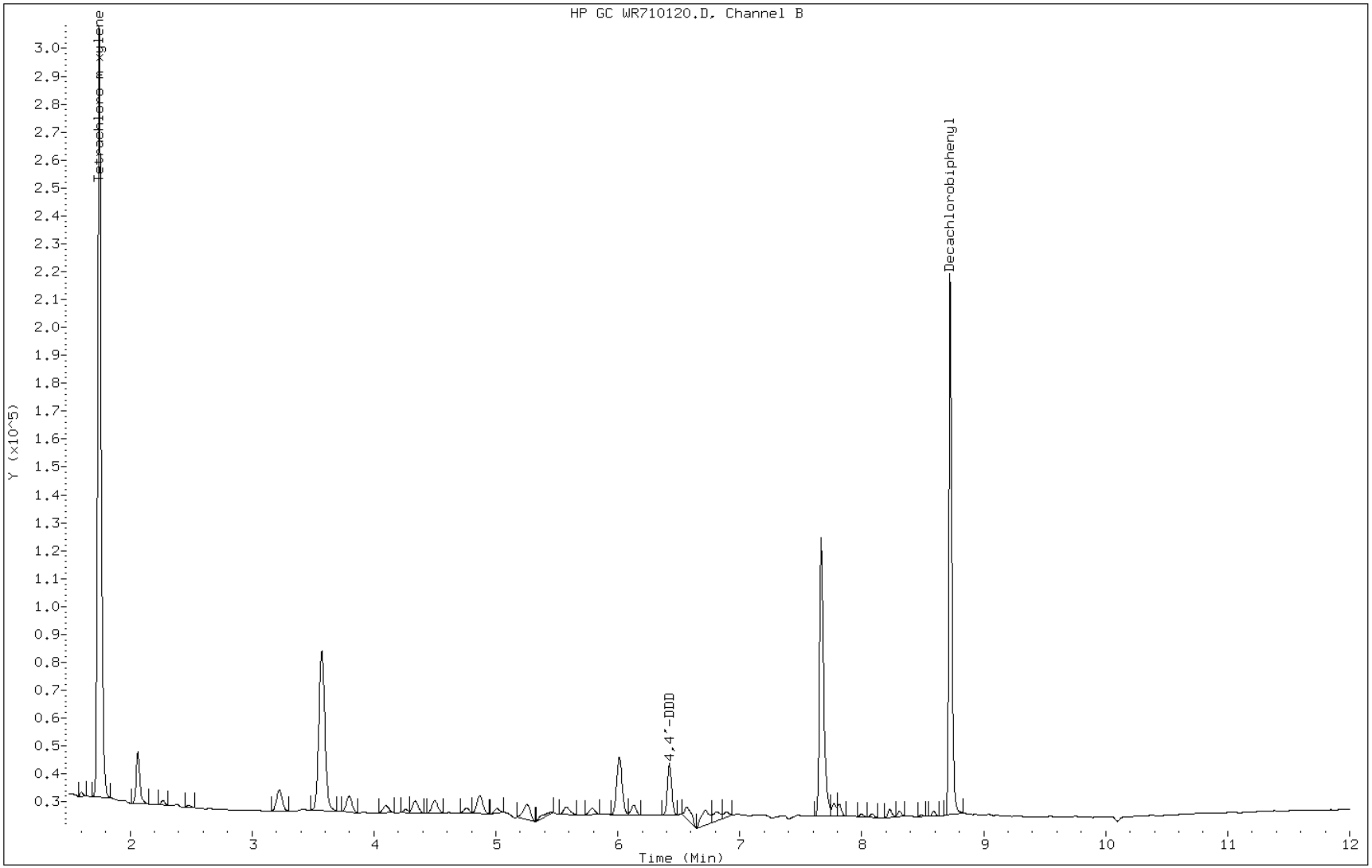
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	547766	124.135	0.62	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.423	6.423	0.000	44258	12.1667	0.061	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	317141	107.564	0.54	80.00- 120.00	100.00

Data File: WR710120.D

Date: 06-MAR-2013 20:16

Client ID: Instrument: PESTGC4.i

Sample Info: 460-51333-G-9-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8D-58FT Lab Sample ID: 460-51333-10

Matrix: Water Lab File ID: WF710188.D

Analysis Method: 8081A Date Collected: 02/25/2013 16:02

Extraction Method: 3510C Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) Date Analyzed: 03/07/2013 12:20

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	116		38-150
2051-24-3	DCB Decachlorobiphenyl	98		14-138

Data File: WF710188.D
Report Date: 08-Mar-2013 06:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710188.D
Lab Smp Id: 460-51333-G-10-A Client Smp ID: 130041-MW8D-58FT
Inj Date : 07-MAR-2013 12:20
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-10-A
Misc Info : 460-51333-G-10-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

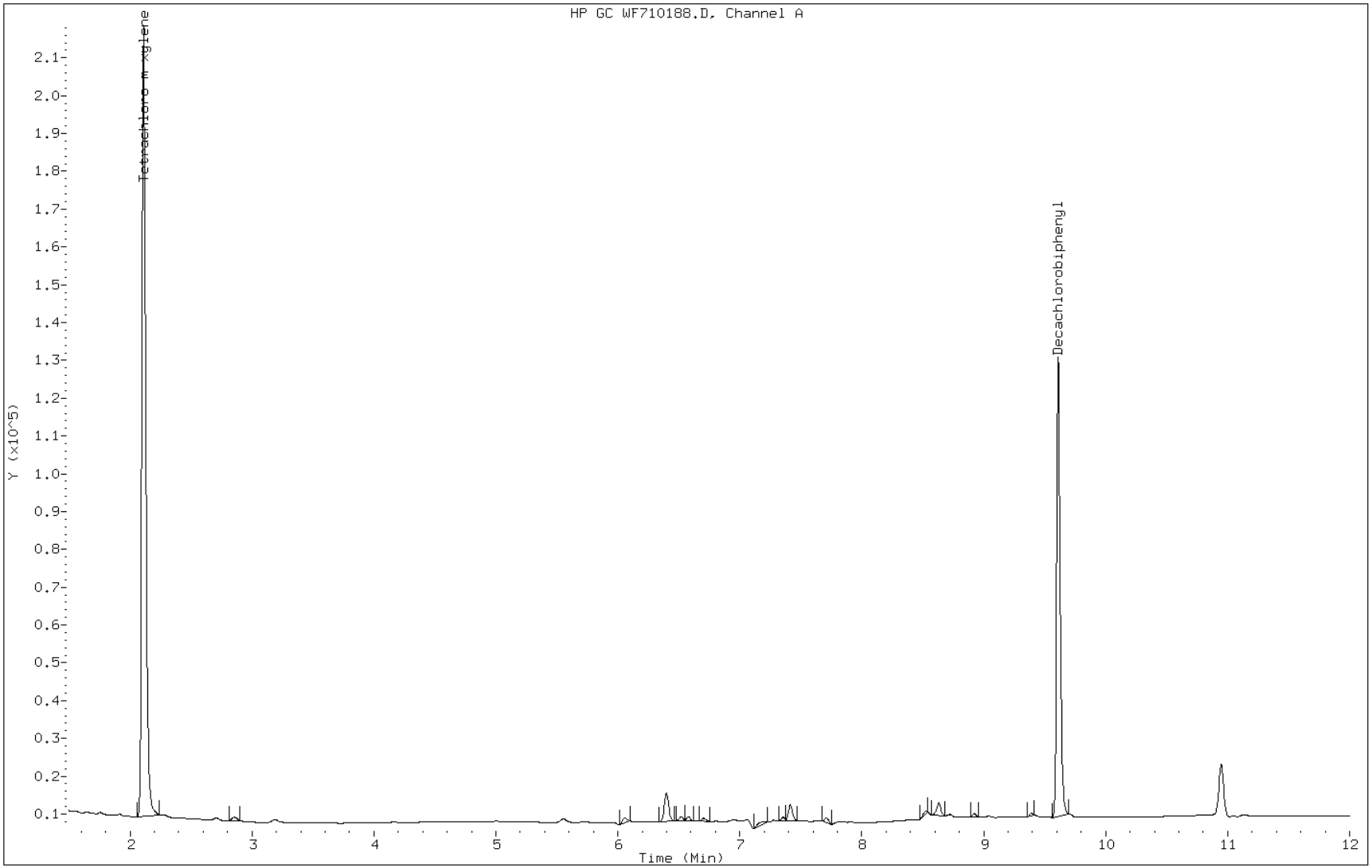
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	456440	115.675	0.55	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.610	9.613	-0.003	239133	98.4307	0.47	80.00- 120.00	100.00

Data File: WF710188.D

Date: 07-MAR-2013 12:20

Client ID: 130041-MW8D-58FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-10-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW8D-58FT | Lab Sample ID: 460-51333-10

Matrix: Water | Lab File ID: WR710188.D

Analysis Method: 8081A | Date Collected: 02/25/2013 16:02

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 12:20

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.048	U	0.048	0.0095
319-84-6	alpha-BHC	0.048	U	0.048	0.0095
319-85-7	beta-BHC	0.048	U	0.048	0.010
319-86-8	delta-BHC	0.048	U	0.048	0.0086
58-89-9	gamma-BHC (Lindane)	0.048	U	0.048	0.011
57-74-9	Chlordane	0.48	U	0.48	0.32
72-54-8	4,4'-DDD	0.048	U	0.048	0.010
72-55-9	4,4'-DDE	0.048	U	0.048	0.0086
50-29-3	4,4'-DDT	0.048	U	0.048	0.0095
60-57-1	Dieldrin	0.048	U	0.048	0.0048
959-98-8	Endosulfan I	0.048	U	0.048	0.0086
33213-65-9	Endosulfan II	0.048	U	0.048	0.0095
1031-07-8	Endosulfan sulfate	0.048	U	0.048	0.015
72-20-8	Endrin	0.048	U	0.048	0.0095
7421-93-4	Endrin aldehyde	0.048	U	0.048	0.0086
53494-70-5	Endrin ketone	0.048	U	0.048	0.010
76-44-8	Heptachlor	0.048	U	0.048	0.0095
1024-57-3	Heptachlor epoxide	0.048	U	0.048	0.0095
72-43-5	Methoxychlor	0.048	U	0.048	0.012
8001-35-2	Toxaphene	0.48	U	0.48	0.19
5103-74-2	gamma-Chlordane	0.048	U	0.048	0.0086
5103-71-9	alpha-Chlordane	0.048	U	0.048	0.0076

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	106		38-150
2051-24-3	DCB Decachlorobiphenyl	103		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710188.D
Lab Smp Id: 460-51333-G-10-A Client Smp ID: 130041-MW8D-58FT
Inj Date : 07-MAR-2013 12:20
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-10-A
Misc Info : 460-51333-G-10-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

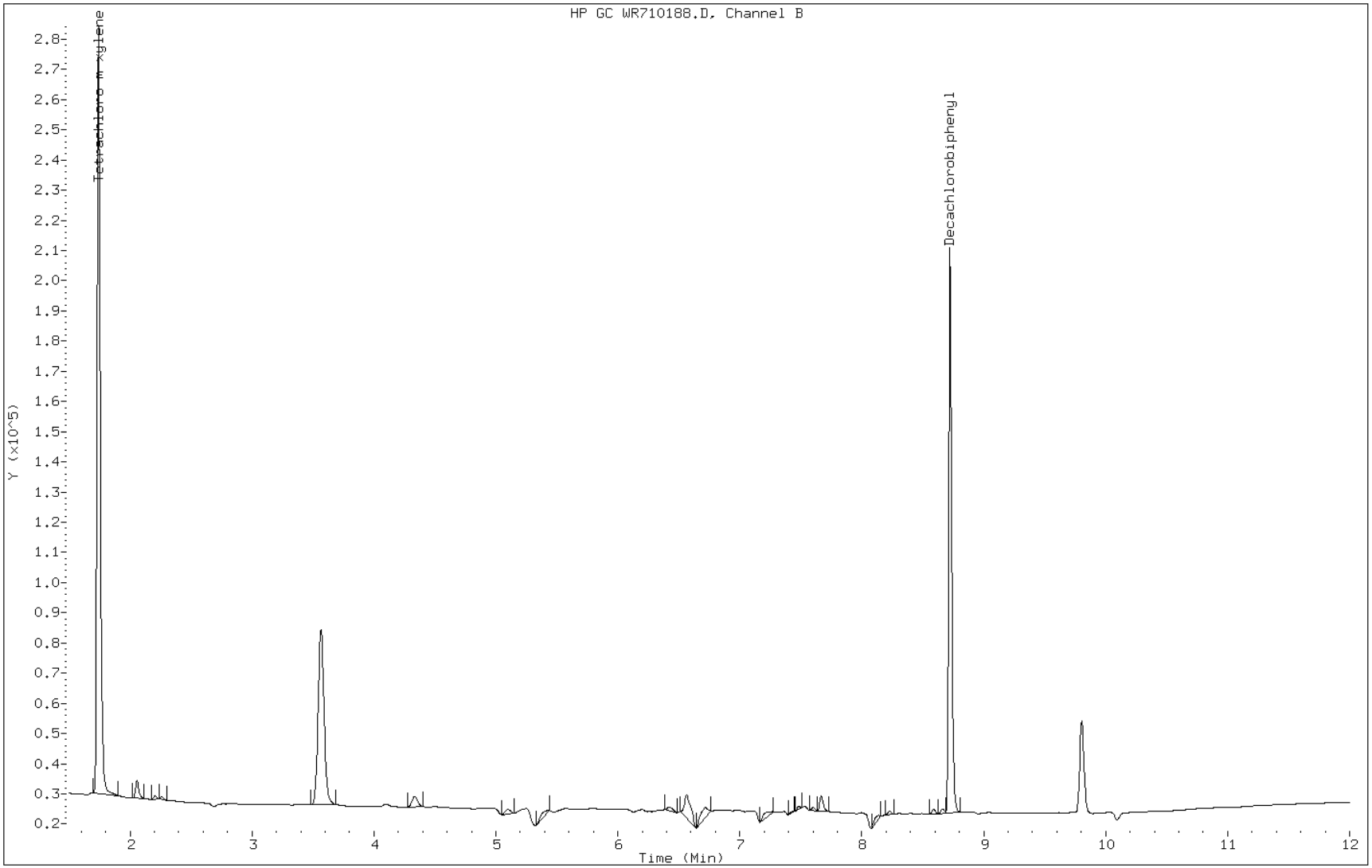
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.740	1.743	-0.003	468357	106.139	0.50	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	304195	103.173	0.49	80.00- 120.00	100.00

Data File: WR710188.D

Date: 07-MAR-2013 12:20

Client ID: 130041-MW8D-58FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-10-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW7S-40FT Lab Sample ID: 460-51333-12

Matrix: Water Lab File ID: WF710187.D

Analysis Method: 8081A Date Collected: 02/25/2013 10:36

Extraction Method: 3510C Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) Date Analyzed: 03/07/2013 12:06

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	125		38-150
2051-24-3	DCB Decachlorobiphenyl	101		14-138

Data File: WF710187.D
Report Date: 08-Mar-2013 06:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710187.D
Lab Smp Id: 460-51333-H-12-A Client Smp ID: 130041-MW7S-40FT
Inj Date : 07-MAR-2013 12:06
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-H-12-A
Misc Info : 460-51333-H-12-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

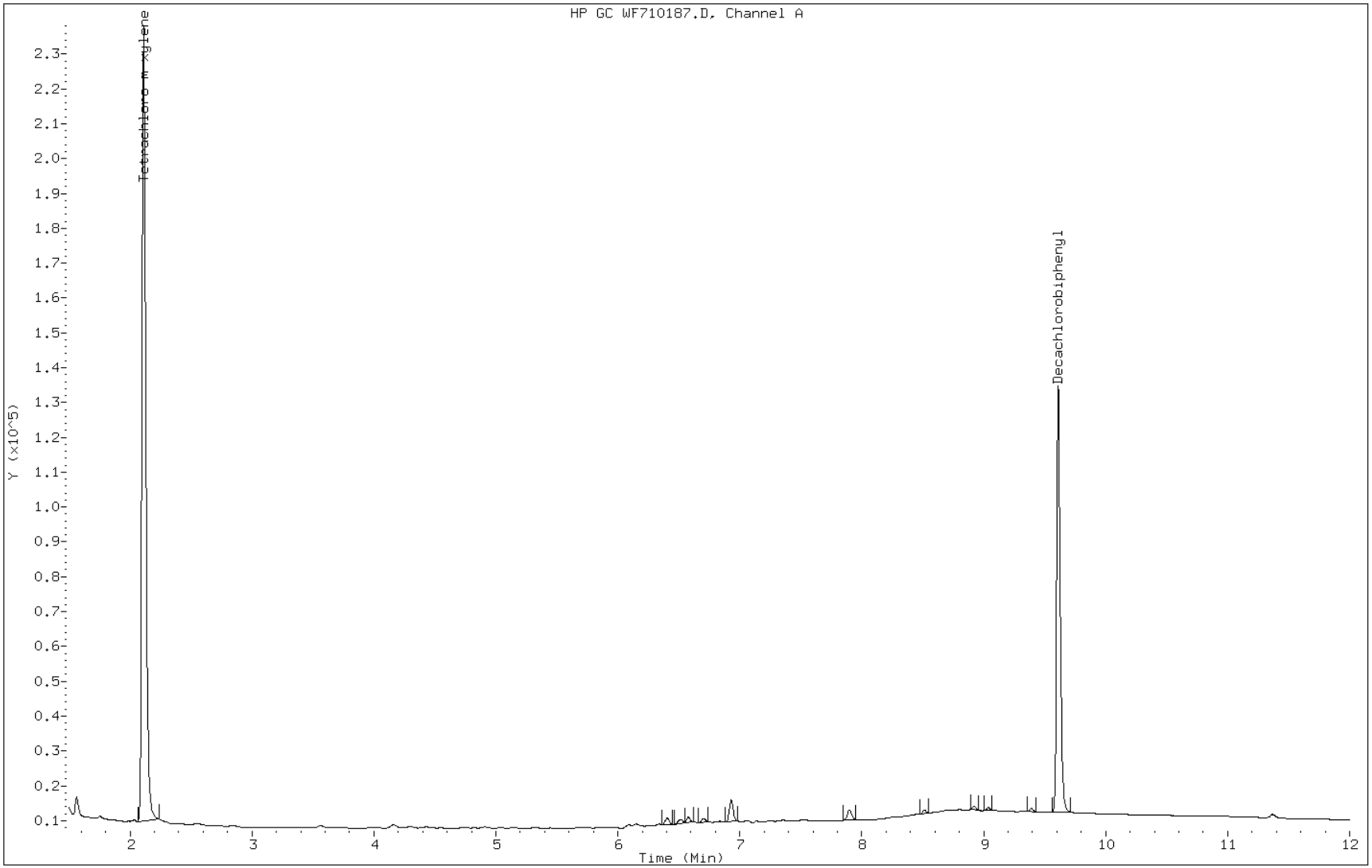
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	494187	125.242	0.60	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.610	9.613	-0.003	245065	100.872	0.48	80.00- 120.00	100.00

Data File: WF710187.D

Date: 07-MAR-2013 12:06

Client ID: 130041-MW7S-40FT Instrument: PESTGC4.i

Sample Info: 460-51333-H-12-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW7S-40FT | Lab Sample ID: 460-51333-12

Matrix: Water | Lab File ID: WR710187.D

Analysis Method: 8081A | Date Collected: 02/25/2013 10:36

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 12:06

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.048	U	0.048	0.0095
319-84-6	alpha-BHC	0.048	U	0.048	0.0095
319-85-7	beta-BHC	0.048	U	0.048	0.010
319-86-8	delta-BHC	0.048	U	0.048	0.0086
58-89-9	gamma-BHC (Lindane)	0.048	U	0.048	0.011
57-74-9	Chlordane	0.48	U	0.48	0.32
72-54-8	4,4'-DDD	0.048	U	0.048	0.010
72-55-9	4,4'-DDE	0.048	U	0.048	0.0086
50-29-3	4,4'-DDT	0.048	U	0.048	0.0095
60-57-1	Dieldrin	0.048	U	0.048	0.0048
959-98-8	Endosulfan I	0.048	U	0.048	0.0086
33213-65-9	Endosulfan II	0.048	U	0.048	0.0095
1031-07-8	Endosulfan sulfate	0.048	U	0.048	0.015
72-20-8	Endrin	0.048	U	0.048	0.0095
7421-93-4	Endrin aldehyde	0.048	U	0.048	0.0086
53494-70-5	Endrin ketone	0.048	U	0.048	0.010
76-44-8	Heptachlor	0.048	U	0.048	0.0095
1024-57-3	Heptachlor epoxide	0.048	U	0.048	0.0095
72-43-5	Methoxychlor	0.048	U	0.048	0.012
8001-35-2	Toxaphene	0.48	U	0.48	0.19
5103-74-2	gamma-Chlordane	0.048	U	0.048	0.0086
5103-71-9	alpha-Chlordane	0.048	U	0.048	0.0076

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	115		38-150
2051-24-3	DCB Decachlorobiphenyl	103		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710187.D
Lab Smp Id: 460-51333-H-12-A Client Smp ID: 130041-MW7S-40FT
Inj Date : 07-MAR-2013 12:06
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-H-12-A
Misc Info : 460-51333-H-12-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

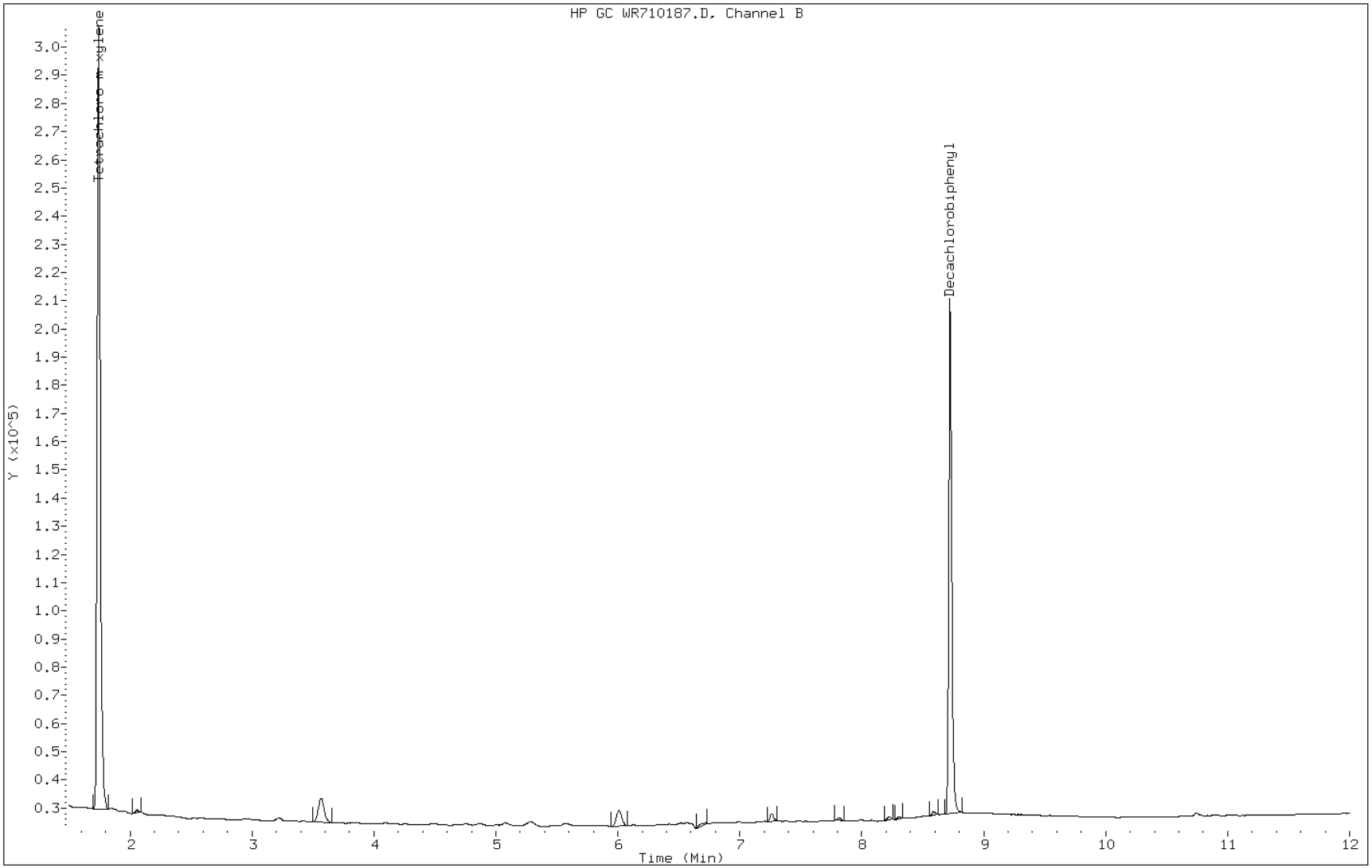
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.743	1.743	0.000	505387	114.531	0.54	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	303133	102.813	0.49	80.00- 120.00	100.00

Data File: WR710187.D

Date: 07-MAR-2013 12:06

Client ID: 130041-MW7S-40FT Instrument: PESTGC4.i

Sample Info: 460-51333-H-12-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT | Lab Sample ID: 460-51333-13

Matrix: Water | Lab File ID: WF710186.D

Analysis Method: 8081A | Date Collected: 02/25/2013 12:36

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 11:52

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
57-74-9	Chlordane	0.57		0.48	0.32
60-57-1	Dieldrin	0.23		0.048	0.0048
1024-57-3	Heptachlor epoxide	0.14		0.048	0.0095
5103-71-9	alpha-Chlordane	0.060	p	0.048	0.0076

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	120		38-150
2051-24-3	DCB Decachlorobiphenyl	88		14-138

Data File: WF710186.D
Report Date: 08-Mar-2013 06:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710186.D
Lab Smp Id: 460-51333-F-13-A Client Smp ID: 130041-MW11R-45FT
Inj Date : 07-MAR-2013 11:52
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-F-13-A
Misc Info : 460-51333-F-13-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	473002	119.873	0.57	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
4.160	4.177	-0.017	50740	255.977	1.2	80.00- 120.00	100.00(T)
0.000	4.443	-4.443	0			87.72- 131.58	0.00
5.327	5.337	-0.010	17885	94.5944	0.45	76.31- 114.47	35.25
6.407	6.417	-0.010	41627	85.8903	0.41	195.60- 293.40	82.04
6.517	6.527	-0.010	50111	128.944	0.61	156.84- 235.27	98.76
6.577	6.583	-0.006	44821	110.609	0.53	163.55- 245.32	88.34
7.357	7.350	0.007	8131	94.3382	0.45	34.79- 52.18	16.02
7.540	7.550	-0.010	8770	62.3888	0.30	56.74- 85.11	17.29
Average of Peak Concentrations =					0.57		

Data File: WF710186.D
Report Date: 08-Mar-2013 06:45

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	6.150	6.157	-0.007	114074	28.9244	0.14	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	6.407	6.413	-0.006	41627	10.8195	0.052	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	6.577	6.580	-0.003	44821	12.6826	0.060	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.927	6.933	-0.006	176706	48.5915	0.23	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	9.610	9.613	-0.003	214026	88.0963	0.42	80.00- 120.00	100.00

QC Flag Legend

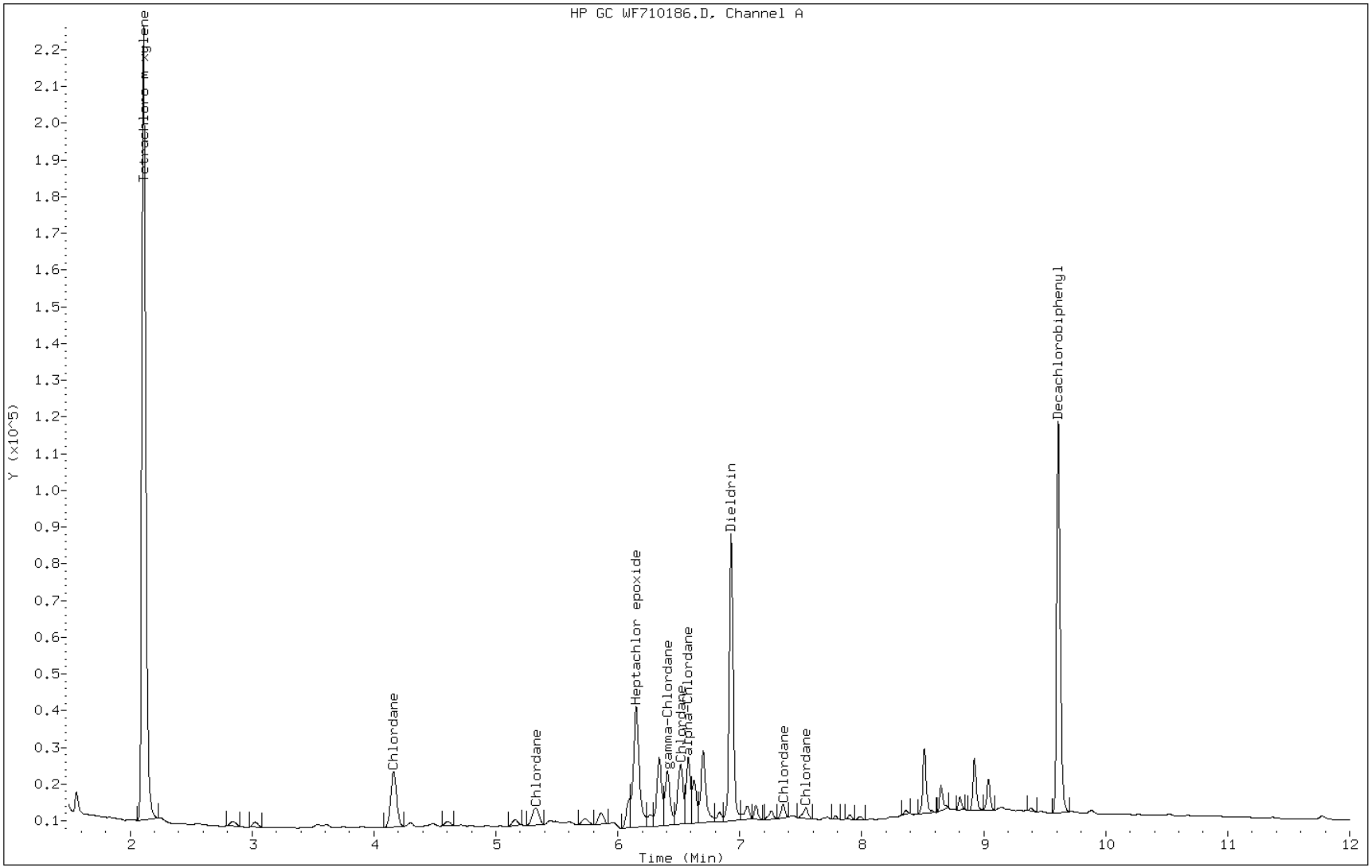
T - Target compound detected outside RT window.

Data File: WF710186.D

Date: 07-MAR-2013 11:52

Client ID: 130041-MW11R-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-F-13-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW11R-45FT | Lab Sample ID: 460-51333-13

Matrix: Water | Lab File ID: WR710186.D

Analysis Method: 8081A | Date Collected: 02/25/2013 12:36

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 11:52

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.048	U	0.048	0.0095
319-84-6	alpha-BHC	0.048	U	0.048	0.0095
319-85-7	beta-BHC	0.048	U	0.048	0.010
319-86-8	delta-BHC	0.048	U	0.048	0.0086
58-89-9	gamma-BHC (Lindane)	0.048	U	0.048	0.011
72-54-8	4,4'-DDD	0.048	U	0.048	0.010
72-55-9	4,4'-DDE	0.048	U	0.048	0.0086
50-29-3	4,4'-DDT	0.048	U	0.048	0.0095
959-98-8	Endosulfan I	0.048	U	0.048	0.0086
33213-65-9	Endosulfan II	0.048	U	0.048	0.0095
1031-07-8	Endosulfan sulfate	0.048	U	0.048	0.015
72-20-8	Endrin	0.048	U	0.048	0.0095
7421-93-4	Endrin aldehyde	0.048	U	0.048	0.0086
53494-70-5	Endrin ketone	0.048	U	0.048	0.010
76-44-8	Heptachlor	0.048	U	0.048	0.0095
72-43-5	Methoxychlor	0.048	U	0.048	0.012
8001-35-2	Toxaphene	0.48	U	0.48	0.19
5103-74-2	gamma-Chlordane	0.032	J p	0.048	0.0086

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110		38-150
2051-24-3	DCB Decachlorobiphenyl	90		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710186.D
Lab Smp Id: 460-51333-F-13-A Client Smp ID: 130041-MW11R-45FT
Inj Date : 07-MAR-2013 11:52
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-F-13-A
Misc Info : 460-51333-F-13-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.740	1.743	-0.003	486134	110.168	0.52	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
3.220	3.233	-0.013	52597	272.647	1.3	80.00- 120.00	100.00
3.417	3.363	0.054	2904	11.2412	0.054	107.14- 160.70	5.52
4.083	4.097	-0.014	19109	92.6764	0.44	85.51- 128.26	36.33
4.757	4.770	-0.013	20460	201.051	0.96	42.20- 63.30	38.90
5.080	5.097	-0.017	31150	52.6039	0.25	245.56- 368.34	59.22
5.283	5.320	-0.037	87720	96.9028	0.46	375.39- 563.09	166.78
6.423	6.390	0.033	4429	38.3329	0.18	47.92- 71.88	8.42
6.517	6.527	-0.010	5827	33.6961	0.16	71.71- 107.57	11.08
Average of Peak Concentrations =					0.48		

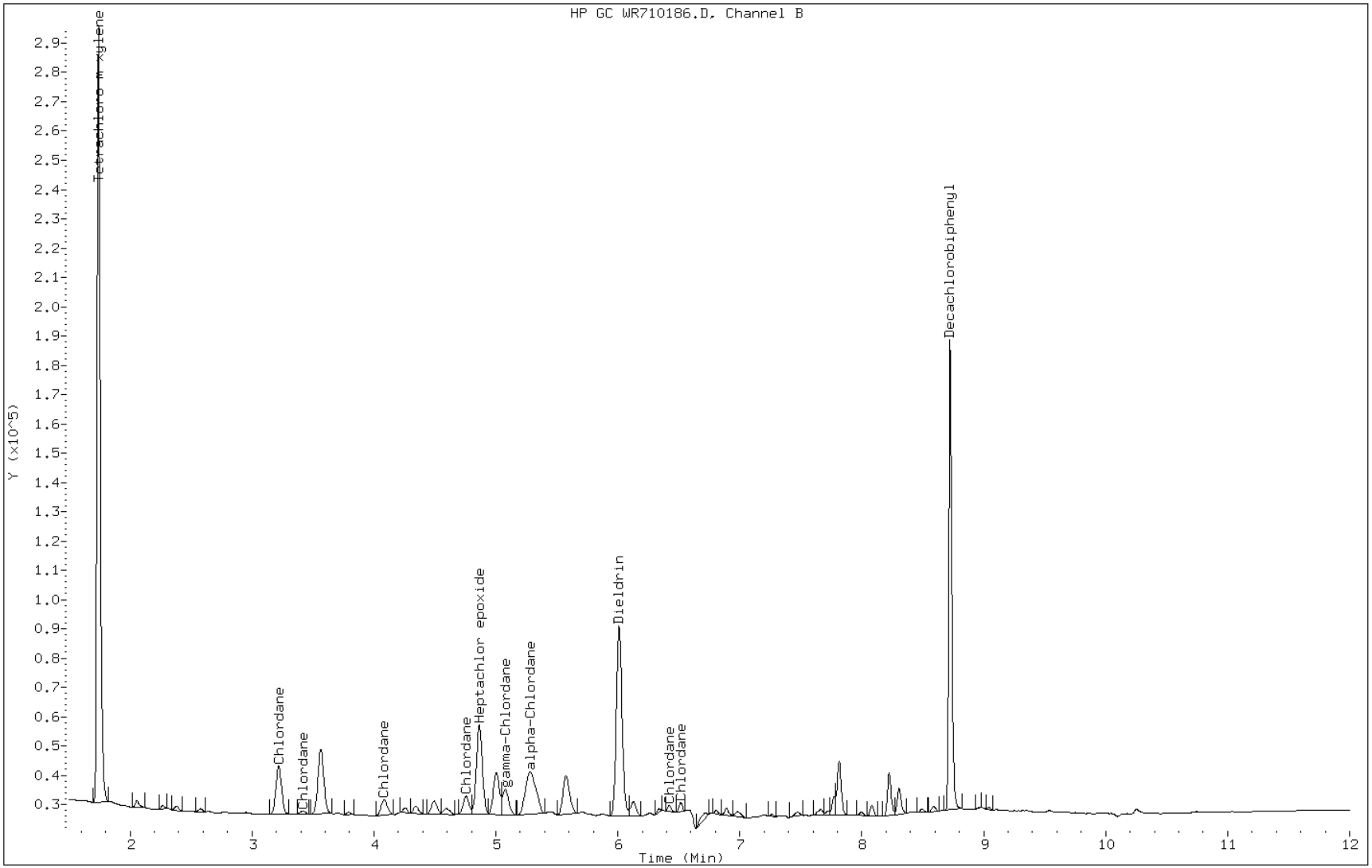
	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	4.863	4.873	-0.010	105138	23.9759	0.11	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	5.080	5.090	-0.010	31150	6.81976	0.032	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	5.283	5.327	-0.044	87720	20.2136	0.096	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.010	6.020	-0.010	208749	47.7621	0.23	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	8.723	8.727	-0.004	266429	90.3644	0.43	80.00- 120.00	100.00

Data File: WR710186.D

Date: 07-MAR-2013 11:52

Client ID: 130041-MW11R-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-F-13-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT | Lab Sample ID: 460-51333-15

Matrix: Water | Lab File ID: WF710193.D

Analysis Method: 8081A | Date Collected: 02/25/2013 14:10

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 13:46

Con. Extract Vol.: 5(mL) | Dilution Factor: 5

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1024-57-3	Heptachlor epoxide	0.20	J p	0.24	0.048
5103-71-9	alpha-Chlordane	1.8	p	0.24	0.038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		38-150
2051-24-3	DCB Decachlorobiphenyl	75		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710193.D
Lab Smp Id: 460-51333-F-15-A Client Smp ID: 130041-MW-5-45FT
Inj Date : 07-MAR-2013 13:46
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-F-15-A
Misc Info : 460-51333-F-15-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.113	2.113	0.000	75479	19.1286	0.46	80.00- 120.00	100.00(a)
6 Chlordane					CAS #: 57-74-9		
4.167	4.177	-0.010	153431	774.036	18	80.00- 120.00	100.00
4.487	4.443	0.044	47310	217.672	5.2	87.72- 131.58	30.83
5.333	5.337	-0.004	87529	462.918	11	76.31- 114.47	57.05
6.413	6.417	-0.004	213165	439.824	10	195.60- 293.40	138.93
6.517	6.527	-0.010	252825	650.561	15	156.84- 235.27	164.78
6.583	6.583	0.000	266226	656.977	16	163.55- 245.32	173.52
7.347	7.350	-0.003	39737	461.034	11	34.79- 52.18	25.90
7.547	7.550	-0.003	61429	436.959	10	56.74- 85.11	40.04
Average of Peak Concentrations =					12		

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	6.197	6.157	0.040	33875	8.58926	0.20	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	6.413	6.413	0.000	213165	55.4040	1.3	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	6.583	6.580	0.003	266226	75.3304	1.8	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.930	6.933	-0.003	83654	23.0035	0.55	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	9.613	9.613	0.000	36353	14.9634	0.36	80.00- 120.00	100.00(a)

QC Flag Legend

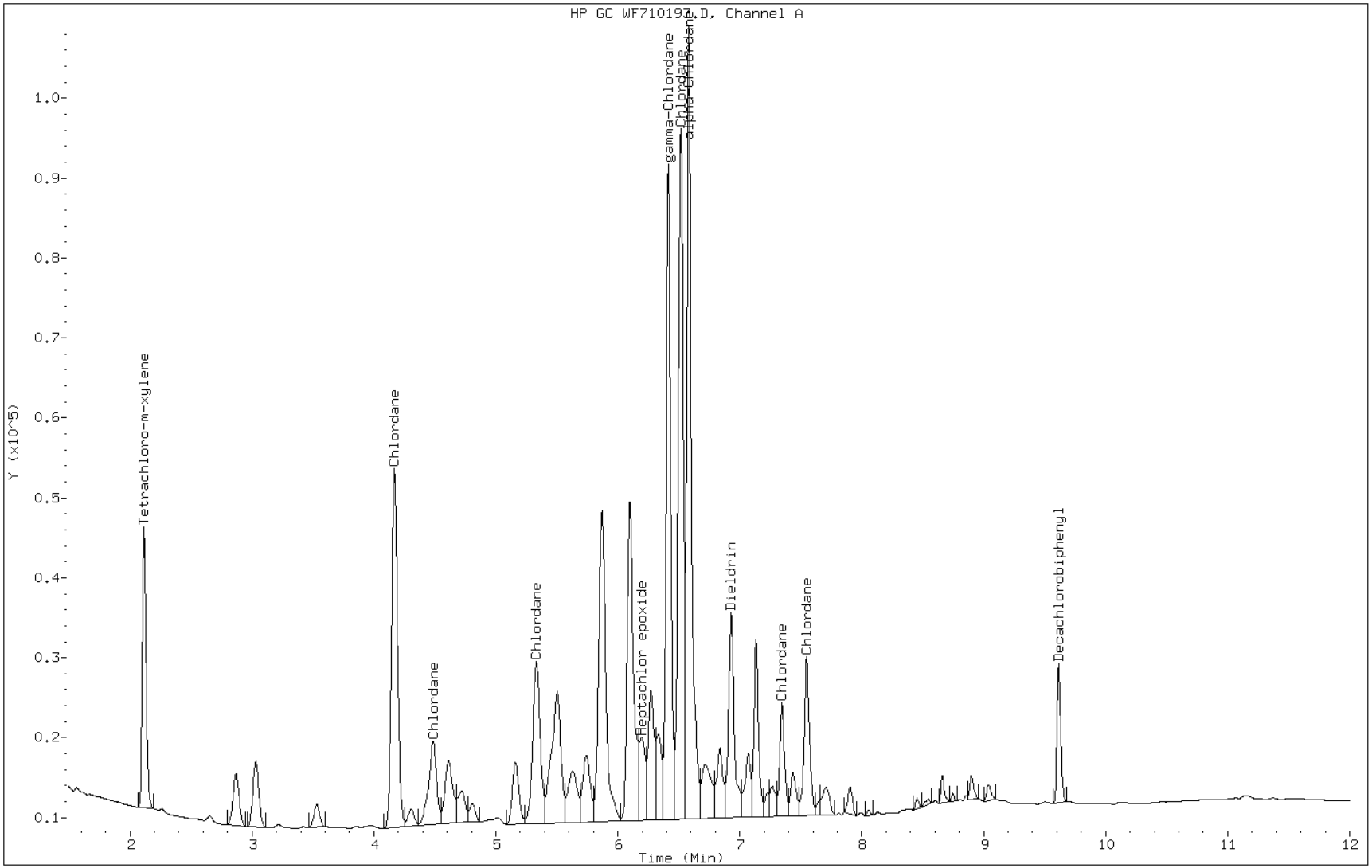
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF710193.D

Date: 07-MAR-2013 13:46

Client ID: 130041-MW-5-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-F-15-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-5-45FT | Lab Sample ID: 460-51333-15

Matrix: Water | Lab File ID: WR710193.D

Analysis Method: 8081A | Date Collected: 02/25/2013 14:10

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 13:46

Con. Extract Vol.: 5(mL) | Dilution Factor: 5

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.24	U	0.24	0.048
319-84-6	alpha-BHC	0.24	U	0.24	0.048
319-85-7	beta-BHC	0.24	U	0.24	0.052
319-86-8	delta-BHC	0.24	U	0.24	0.043
58-89-9	gamma-BHC (Lindane)	0.24	U	0.24	0.057
57-74-9	Chlordane	13		2.4	1.6
72-54-8	4,4'-DDD	0.24	U	0.24	0.052
72-55-9	4,4'-DDE	0.24	U	0.24	0.043
50-29-3	4,4'-DDT	0.24	U	0.24	0.048
60-57-1	Dieldrin	0.28	p	0.24	0.024
959-98-8	Endosulfan I	0.24	U	0.24	0.043
33213-65-9	Endosulfan II	0.24	U	0.24	0.048
1031-07-8	Endosulfan sulfate	0.24	U	0.24	0.076
72-20-8	Endrin	0.24	U	0.24	0.048
7421-93-4	Endrin aldehyde	0.24	U	0.24	0.043
53494-70-5	Endrin ketone	0.24	U	0.24	0.052
76-44-8	Heptachlor	0.24	U	0.24	0.048
72-43-5	Methoxychlor	0.24	U	0.24	0.062
8001-35-2	Toxaphene	2.4	U	2.4	0.95
5103-74-2	gamma-Chlordane	1.3		0.24	0.043

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		38-150
2051-24-3	DCB Decachlorobiphenyl	95		14-138

Data File: WR710193.D
Report Date: 08-Mar-2013 06:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710193.D
Lab Smp Id: 460-51333-F-15-A Client Smp ID: 130041-MW-5-45FT
Inj Date : 07-MAR-2013 13:46
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-F-15-A
Misc Info : 460-51333-F-15-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 06:50 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.743	1.743	0.000	77721	17.6131	0.42	80.00- 120.00	100.00(a)
6 Chlordane					CAS #: 57-74-9		
3.227	3.233	-0.006	162149	840.516	20	80.00- 120.00	100.00
3.357	3.363	-0.006	10976	42.4843	1.0	107.14- 160.70	6.77
4.093	4.097	-0.004	142973	693.387	16	85.51- 128.26	88.17
4.763	4.770	-0.007	127249	1250.40	30	42.20- 63.30	78.48
5.090	5.097	-0.007	256474	433.115	10	245.56- 368.34	158.17
5.307	5.320	-0.013	538388	594.747	14	375.39- 563.09	332.03
6.383	6.390	-0.007	35918	310.828	7.4	47.92- 71.88	22.15
6.523	6.527	-0.004	54523	315.277	7.5	71.71- 107.57	33.63
Average of Peak Concentrations =					13		

Data File: WR710193.D
Report Date: 08-Mar-2013 06:50

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	4.873	4.873	0.000	86338	19.6886	0.47	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	5.090	5.090	0.000	256474	56.1506	1.3	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	5.307	5.327	-0.020	538388	124.062	3.0	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.023	6.020	0.003	51669	11.8219	0.28	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	8.727	8.727	0.000	56306	19.0972	0.45	80.00- 120.00	100.00(aM)

QC Flag Legend

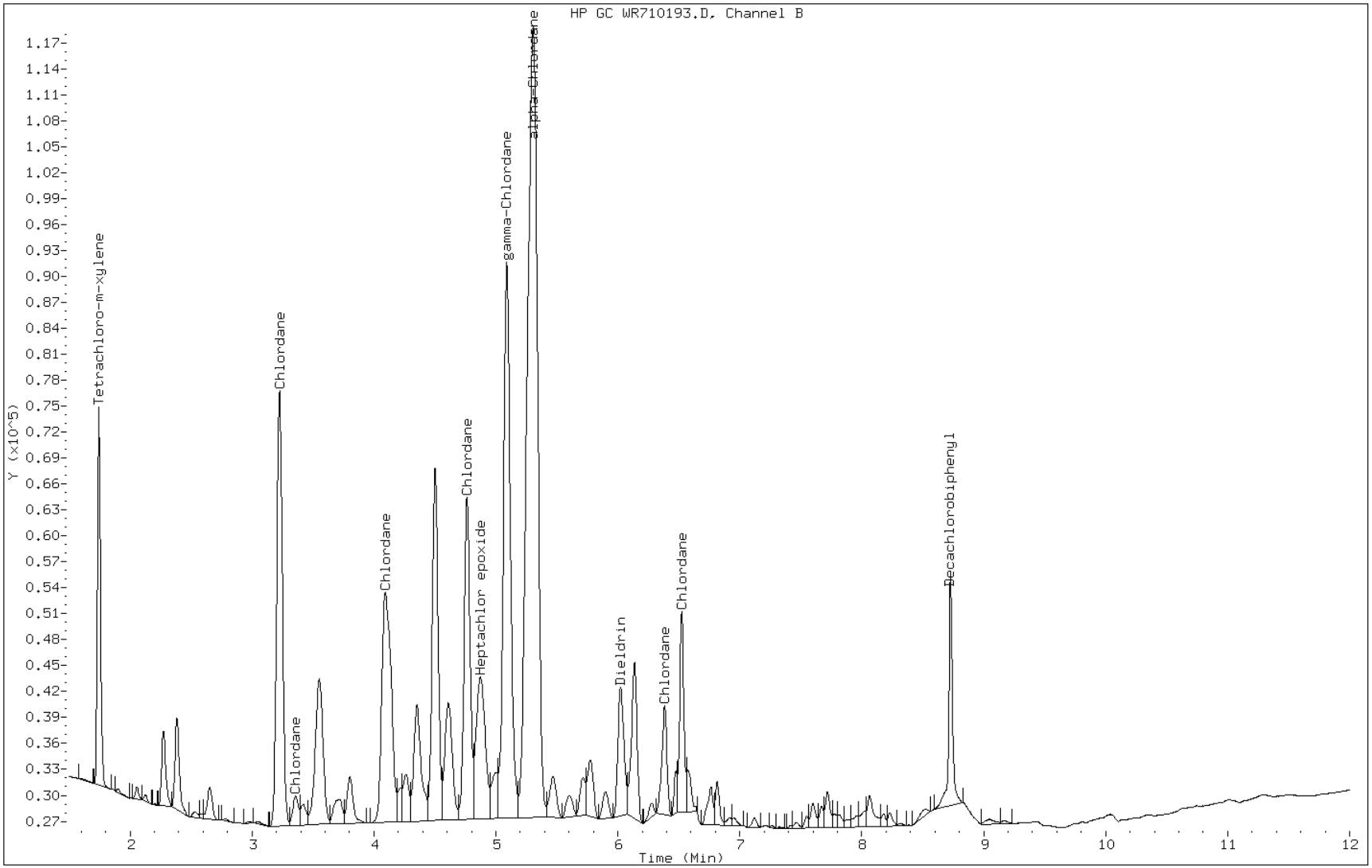
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: WR710193.D

Date: 07-MAR-2013 13:46

Client ID: 130041-MW-5-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-F-15-A Operator:



Manual Integration Report

Data File: WR710193.D
Inj. Date and Time: 07-MAR-2013 13:46
Instrument ID: PESTGC4.i
Client ID: 130041-MW-5-45FT
Compound: 30 Decachlorobiphenyl
CAS #: 2051-24-3
Report Date: 03/08/2013

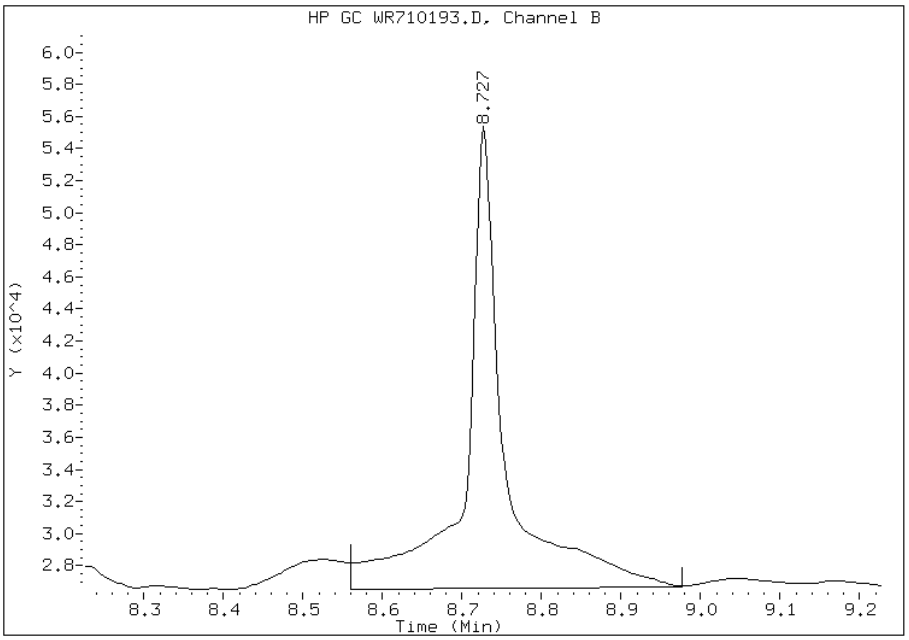
Processing Integration Results

RT: 8.73

Response: 101439

Amount: 34.41

Conc: 0.82



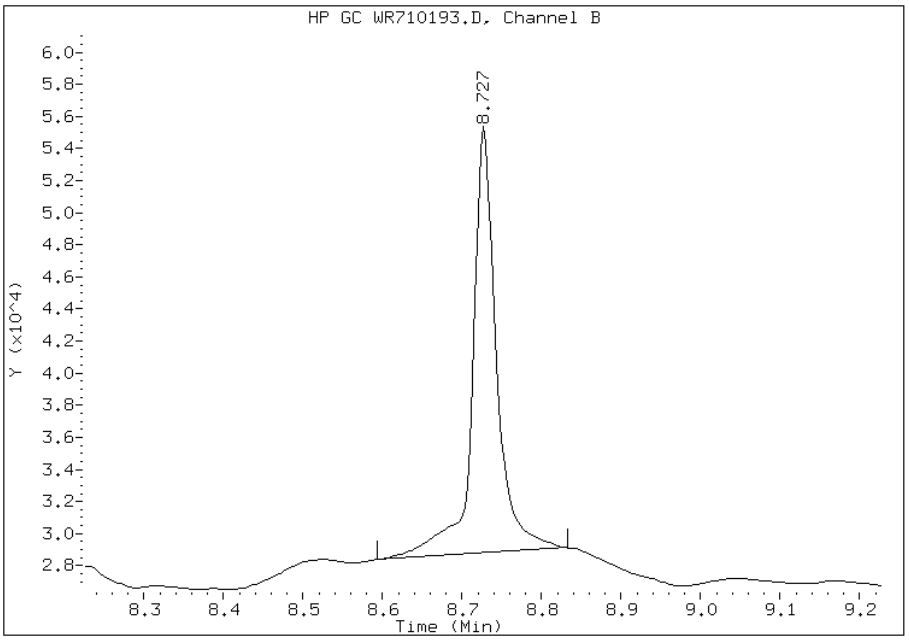
Manual Integration Results

RT: 8.73

Response: 56306

Amount: 19.10

Conc: 0.45



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT | Lab Sample ID: 460-51333-16

Matrix: Water | Lab File ID: WF710184.D

Analysis Method: 8081A | Date Collected: 02/25/2013 15:05

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 11:25

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
60-57-1	Dieldrin	0.13		0.048	0.0048
5103-74-2	gamma-Chlordane	0.19		0.048	0.0086

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	139		38-150
2051-24-3	DCB Decachlorobiphenyl	115		14-138

Data File: WF710184.D
Report Date: 08-Mar-2013 06:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710184.D
Lab Smp Id: 460-51333-I-16-A Client Smp ID: 130041-MW-6-55FT
Inj Date : 07-MAR-2013 11:25
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-16-A
Misc Info : 460-51333-I-16-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	549386	139.231	0.66	80.00- 120.00	100.00(R)
6 Chlordane					CAS #: 57-74-9		
4.160	4.177	-0.017	88886	448.416	2.1	80.00- 120.00	100.00
4.477	4.443	0.034	6500	29.9064	0.14	87.72- 131.58	7.31
5.323	5.337	-0.014	71797	379.716	1.8	76.31- 114.47	80.77
6.407	6.417	-0.010	152423	314.495	1.5	195.60- 293.40	171.48
6.513	6.527	-0.014	135521	348.718	1.7	156.84- 235.27	152.47
6.577	6.583	-0.006	143271	353.556	1.7	163.55- 245.32	161.19
7.340	7.350	-0.010	26363	305.867	1.4	34.79- 52.18	29.66
7.540	7.550	-0.010	46007	327.259	1.6	56.74- 85.11	51.76
Average of Peak Concentrations =					1.5		

Data File: WF710184.D
Report Date: 08-Mar-2013 06:44

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	6.093	6.157	-0.064	67269	17.0566	0.081	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	6.407	6.413	-0.006	152423	39.6165	0.19	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	6.577	6.580	-0.003	143271	40.5395	0.19	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.927	6.933	-0.006	97351	26.7700	0.13	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	9.610	9.613	-0.003	278961	114.824	0.55	80.00- 120.00	100.00

QC Flag Legend

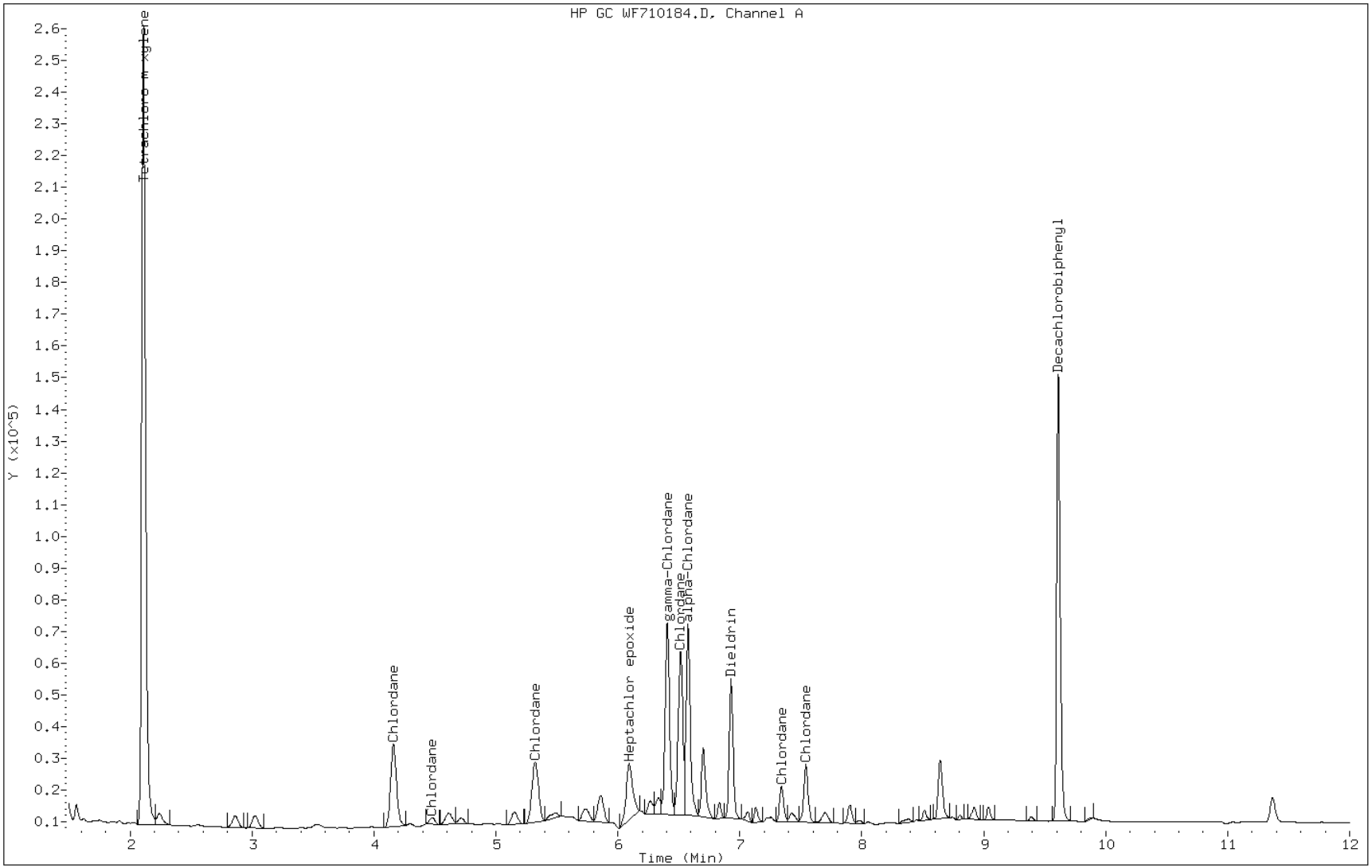
R - Spike/Surrogate failed recovery limits.

Data File: WF710184.D

Date: 07-MAR-2013 11:25

Client ID: 130041-MW-6-55FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-16-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-6-55FT | Lab Sample ID: 460-51333-16

Matrix: Water | Lab File ID: WR710184.D

Analysis Method: 8081A | Date Collected: 02/25/2013 15:05

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 11:25

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.048	U	0.048	0.0095
319-84-6	alpha-BHC	0.048	U	0.048	0.0095
319-85-7	beta-BHC	0.048	U	0.048	0.010
319-86-8	delta-BHC	0.048	U	0.048	0.0086
58-89-9	gamma-BHC (Lindane)	0.048	U	0.048	0.011
57-74-9	Chlordane	1.6		0.48	0.32
72-54-8	4,4'-DDD	0.048	U	0.048	0.010
72-55-9	4,4'-DDE	0.048	U	0.048	0.0086
50-29-3	4,4'-DDT	0.048	U	0.048	0.0095
959-98-8	Endosulfan I	0.048	U	0.048	0.0086
33213-65-9	Endosulfan II	0.048	U	0.048	0.0095
1031-07-8	Endosulfan sulfate	0.048	U	0.048	0.015
72-20-8	Endrin	0.048	U	0.048	0.0095
7421-93-4	Endrin aldehyde	0.048	U	0.048	0.0086
53494-70-5	Endrin ketone	0.048	U	0.048	0.010
76-44-8	Heptachlor	0.048	U	0.048	0.0095
1024-57-3	Heptachlor epoxide	0.048	p	0.048	0.0095
72-43-5	Methoxychlor	0.048	U	0.048	0.012
8001-35-2	Toxaphene	0.48	U	0.48	0.19
5103-71-9	alpha-Chlordane	0.27		0.048	0.0076

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	124		38-150
2051-24-3	DCB Decachlorobiphenyl	119		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710184.D
Lab Smp Id: 460-51333-I-16-A Client Smp ID: 130041-MW-6-55FT
Inj Date : 07-MAR-2013 11:25
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-16-A
Misc Info : 460-51333-I-16-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.740	1.743	-0.003	549122	124.442	0.59	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
3.217	3.233	-0.016	91521	474.413	2.2	80.00- 120.00	100.00(M)
3.413	3.363	0.050	1997	7.73241	0.037	107.14- 160.70	2.18
4.083	4.097	-0.014	86559	419.795	2.0	85.51- 128.26	94.58
4.753	4.770	-0.017	68650	674.587	3.2	42.20- 63.30	75.01
5.080	5.097	-0.017	152386	257.339	1.2	245.56- 368.34	166.50
5.293	5.320	-0.027	246615	272.431	1.3	375.39- 563.09	269.46
6.377	6.390	-0.013	32096	277.756	1.3	47.92- 71.88	35.07
6.517	6.527	-0.010	41136	237.867	1.1	71.71- 107.57	44.95
Average of Peak Concentrations =					1.6		

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.870	4.873	-0.003	44254	10.0919	0.048	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.080	5.090	-0.010	152386	33.3624	0.16	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.293	5.327	-0.034	246615	56.8283	0.27	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.010	6.020	-0.010	111605	25.5355	0.12	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	351910	119.357	0.57	80.00- 120.00	100.00

QC Flag Legend

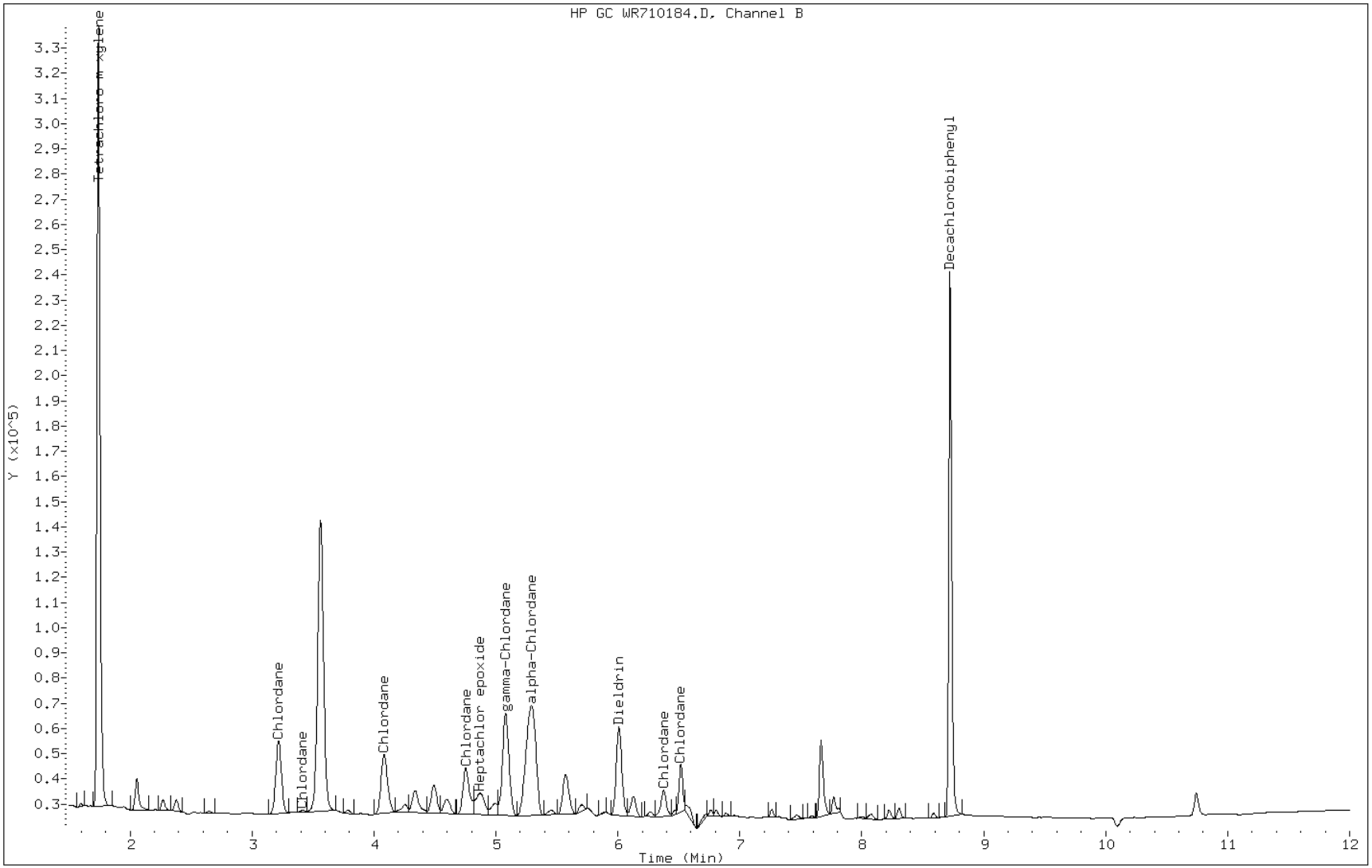
M - Compound response manually integrated.

Data File: WR710184.D

Date: 07-MAR-2013 11:25

Client ID: 130041-MW-6-55FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-16-A Operator:



Manual Integration Report

Data File: WR710184.D
Inj. Date and Time: 07-MAR-2013 11:25
Instrument ID: PESTGC4.i
Client ID: 130041-MW-6-55FT
Compound: 6 Chlordane
CAS #: 57-74-9
Report Date: 03/08/2013

Processing Integration Results

Not Detected

Expected RT: 3.23

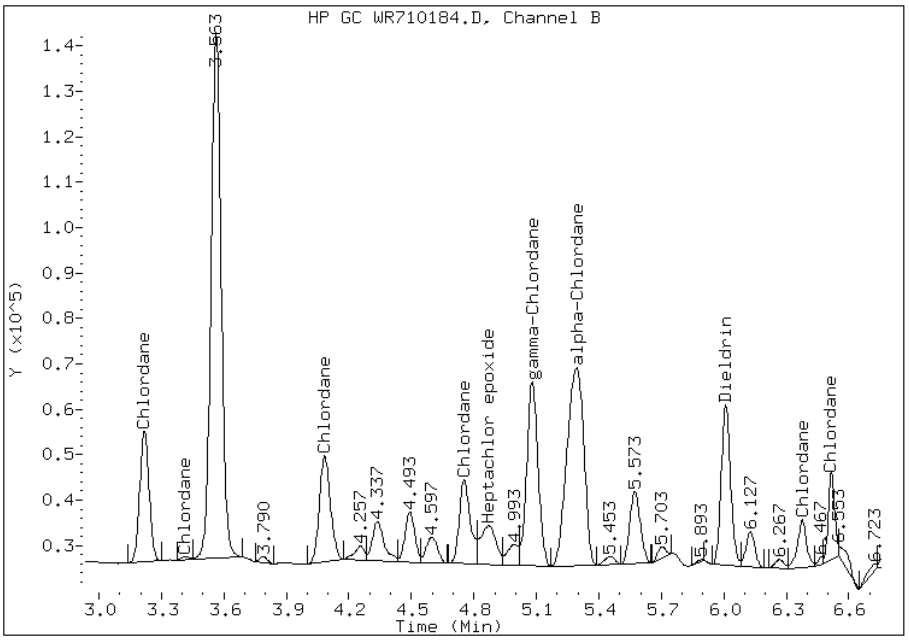
Manual Integration Results

RT: 3.22

Response: 91521

Amount: 327.74

Conc: 1.60



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT Lab Sample ID: 460-51333-18

Matrix: Water Lab File ID: WF710183.D

Analysis Method: 8081A Date Collected: 02/25/2013 12:35

Extraction Method: 3510C Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) Date Analyzed: 03/07/2013 11:11

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
60-57-1	Dieldrin	0.080		0.048	0.0048
1024-57-3	Heptachlor epoxide	0.042	J p	0.048	0.0095
5103-71-9	alpha-Chlordane	0.41	p	0.048	0.0076

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	119		38-150
2051-24-3	DCB Decachlorobiphenyl	99		14-138

Data File: WF710183.D
Report Date: 08-Mar-2013 06:43

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710183.D
Lab Smp Id: 460-51333-G-18-A Client Smp ID: 130041-MW-1-45FT
Inj Date : 07-MAR-2013 11:11
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-18-A
Misc Info : 460-51333-G-18-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	470111	119.140	0.57	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
4.160	4.177	-0.017	198470	1001.25	4.8	80.00- 120.00	100.00
4.480	4.443	0.037	7499	34.5050	0.16	87.72- 131.58	3.78
5.323	5.337	-0.014	93285	493.363	2.3	76.31- 114.47	47.00
6.407	6.417	-0.010	389635	803.935	3.8	195.60- 293.40	196.32
6.513	6.527	-0.014	278896	717.649	3.4	156.84- 235.27	140.52
6.577	6.583	-0.006	301164	743.196	3.5	163.55- 245.32	151.74
7.343	7.350	-0.007	97452	1130.65	5.4	34.79- 52.18	49.10
7.543	7.550	-0.007	48819	347.265	1.6	56.74- 85.11	24.60
Average of Peak Concentrations =					3.1		

Data File: WF710183.D
Report Date: 08-Mar-2013 06:43

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.143	6.157	-0.014	34755	8.81254	0.042	80.00- 120.00	100.00(M)
65 gamma-Chlordane					CAS #: 5103-74-2		
6.407	6.413	-0.006	389635	101.271	0.48	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.577	6.580	-0.003	301164	85.2165	0.40	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.940	6.933	0.007	61146	16.8144	0.080	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	239839	98.7212	0.47	80.00- 120.00	100.00

QC Flag Legend

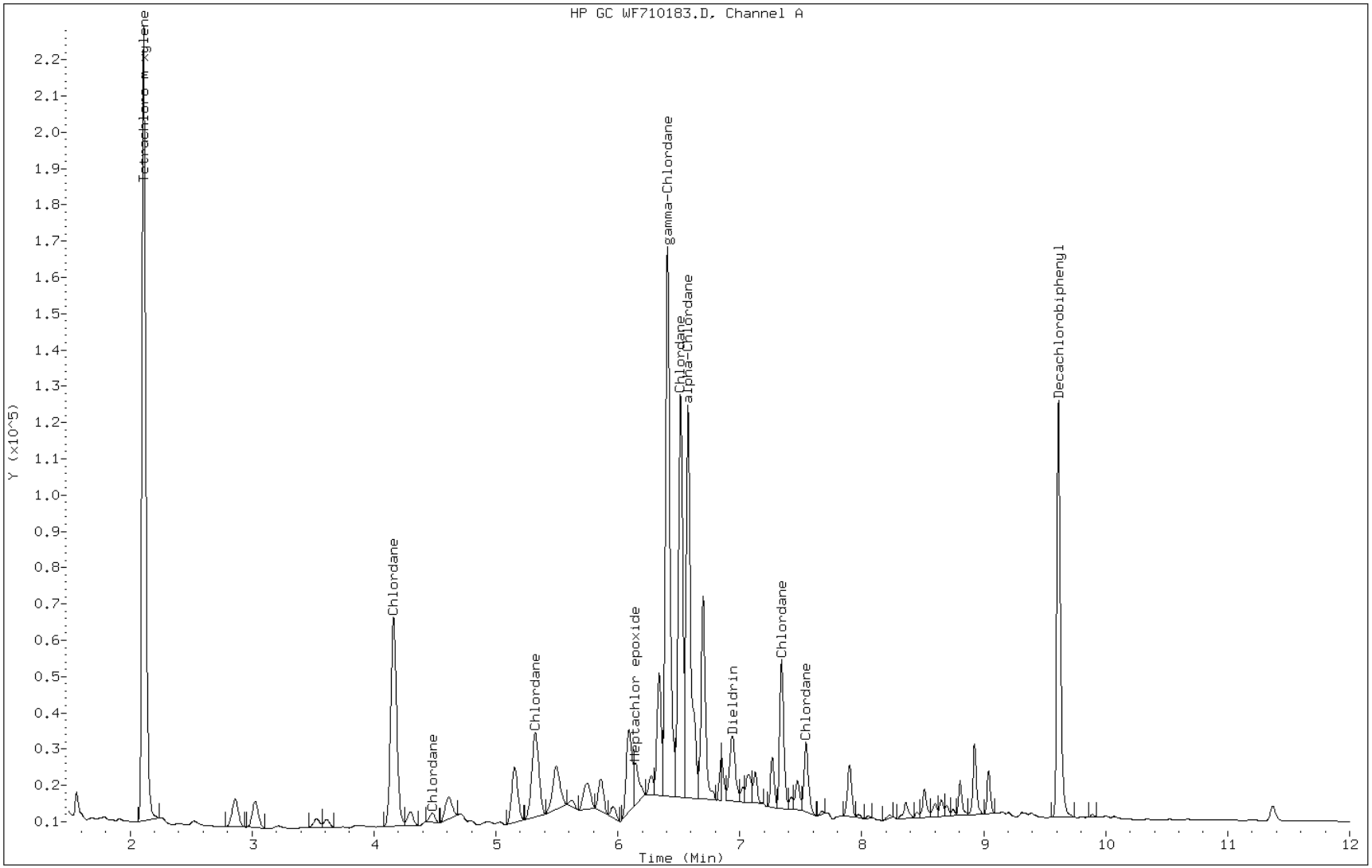
M - Compound response manually integrated.

Data File: WF710183.D

Date: 07-MAR-2013 11:11

Client ID: 130041-MW-1-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-18-A Operator:



Manual Integration Report

Data File: WF710183.D
Inj. Date and Time: 07-MAR-2013 11:11
Instrument ID: PESTGC4.i
Client ID: 130041-MW-1-45FT
Compound: 18 Heptachlor epoxide
CAS #: 1024-57-3
Report Date: 03/08/2013

Processing Integration Results

Not Detected

Expected RT: 6.16

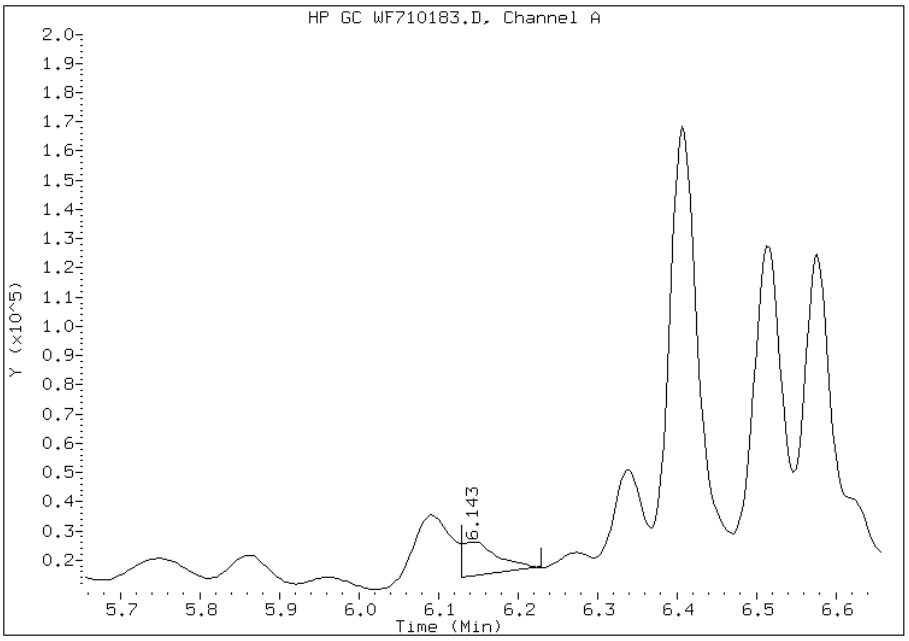
Manual Integration Results

RT: 6.14

Response: 34755

Amount: 8.81

Conc: 0.04



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-1-45FT | Lab Sample ID: 460-51333-18

Matrix: Water | Lab File ID: WR710183.D

Analysis Method: 8081A | Date Collected: 02/25/2013 12:35

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 11:11

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.048	U	0.048	0.0095
319-84-6	alpha-BHC	0.048	U	0.048	0.0095
319-85-7	beta-BHC	0.048	U	0.048	0.010
319-86-8	delta-BHC	0.048	U	0.048	0.0086
58-89-9	gamma-BHC (Lindane)	0.048	U	0.048	0.011
57-74-9	Chlordane	3.9		0.48	0.32
72-54-8	4,4'-DDD	0.048	U	0.048	0.010
72-55-9	4,4'-DDE	0.048	U	0.048	0.0086
50-29-3	4,4'-DDT	0.048	U	0.048	0.0095
959-98-8	Endosulfan I	0.048	U	0.048	0.0086
33213-65-9	Endosulfan II	0.048	U	0.048	0.0095
1031-07-8	Endosulfan sulfate	0.048	U	0.048	0.015
72-20-8	Endrin	0.048	U	0.048	0.0095
7421-93-4	Endrin aldehyde	0.048	U	0.048	0.0086
53494-70-5	Endrin ketone	0.048	U	0.048	0.010
76-44-8	Heptachlor	0.048	U	0.048	0.0095
72-43-5	Methoxychlor	0.048	U	0.048	0.012
8001-35-2	Toxaphene	0.48	U	0.48	0.19
5103-74-2	gamma-Chlordane	0.53		0.048	0.0086

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		38-150
2051-24-3	DCB Decachlorobiphenyl	99		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710183.D
Lab Smp Id: 460-51333-G-18-A Client Smp ID: 130041-MW-1-45FT
Inj Date : 07-MAR-2013 11:11
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-18-A
Misc Info : 460-51333-G-18-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.743	1.743	0.000	465001	105.378	0.50	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
3.220	3.233	-0.013	202301	1048.65	5.0	80.00- 120.00	100.00
3.417	3.363	0.054	9404	36.4032	0.17	107.14- 160.70	4.65
4.087	4.097	-0.010	154944	751.447	3.6	85.51- 128.26	76.59
4.757	4.770	-0.013	95043	933.935	4.4	42.20- 63.30	46.98
5.083	5.097	-0.014	503903	850.956	4.0	245.56- 368.34	249.08
5.300	5.320	-0.020	608405	672.094	3.2	375.39- 563.09	300.74
6.377	6.390	-0.013	205552	1778.81	8.5	47.92- 71.88	101.61
6.517	6.527	-0.010	78800	455.662	2.2	71.71- 107.57	38.95
Average of Peak Concentrations =					3.9		

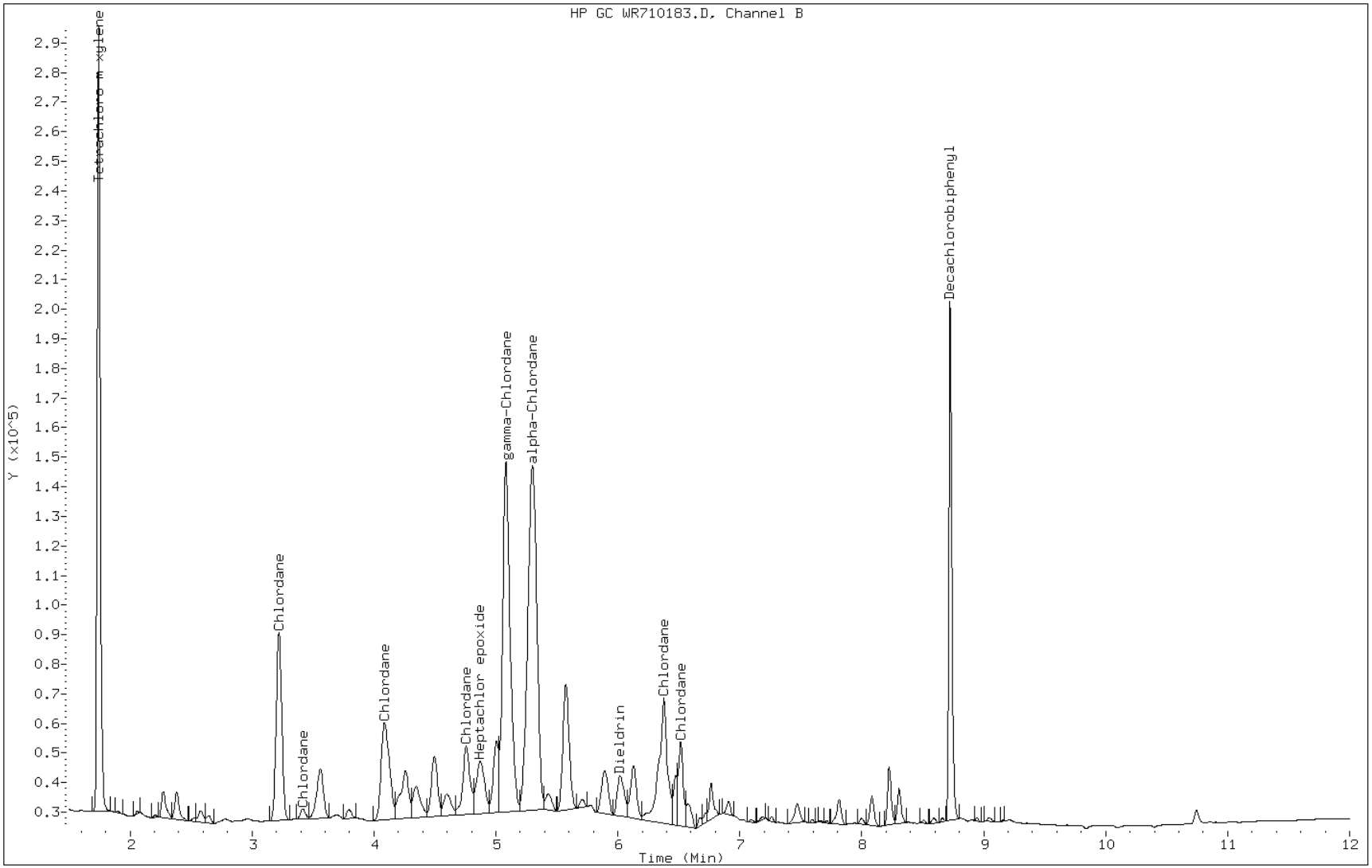
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.870	4.873	-0.003	85494	19.4964	0.093	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.083	5.090	-0.007	503903	110.321	0.52	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.300	5.327	-0.027	608405	140.197	0.67	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.017	6.020	-0.003	55589	12.7189	0.060	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	291015	98.7031	0.47	80.00- 120.00	100.00

Data File: WR710183.D

Date: 07-MAR-2013 11:11

Client ID: 130041-MW-1-45FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-18-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT | Lab Sample ID: 460-51333-19

Matrix: Water | Lab File ID: WF710182.D

Analysis Method: 8081A | Date Collected: 02/25/2013 18:23

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 10:57

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
57-74-9	Chlordane	1.6		0.48	0.32
60-57-1	Dieldrin	0.25		0.048	0.0048
1024-57-3	Heptachlor epoxide	0.096		0.048	0.0095
5103-74-2	gamma-Chlordane	0.080		0.048	0.0086
5103-71-9	alpha-Chlordane	0.14	p	0.048	0.0076

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	129		38-150
2051-24-3	DCB Decachlorobiphenyl	99		14-138

Data File: WF710182.D
Report Date: 08-Mar-2013 06:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710182.D
Lab Smp Id: 460-51333-I-19-A Client Smp ID: 130041-MW-9S-40FT
Inj Date : 07-MAR-2013 10:57
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-19-A
Misc Info : 460-51333-I-19-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.113	2.113	0.000	510967	129.494	0.62	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
4.163	4.177	-0.014	175227	883.994	4.2	80.00- 120.00	100.00(T)
0.000	4.443	-4.443	0			87.72- 131.58	0.00
5.327	5.337	-0.010	46042	243.504	1.2	76.31- 114.47	26.28
6.407	6.417	-0.010	64558	133.203	0.63	195.60- 293.40	36.84
6.507	6.527	-0.020	92029	236.806	1.1	156.84- 235.27	52.52
6.577	6.583	-0.006	102768	253.605	1.2	163.55- 245.32	58.65
7.357	7.350	0.007	41678	483.554	2.3	34.79- 52.18	23.79
7.540	7.550	-0.010	20141	143.268	0.68	56.74- 85.11	11.49
Average of Peak Concentrations =					1.6		

Data File: WF710182.D
Report Date: 08-Mar-2013 06:45

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	6.147	6.157	-0.010	79444	20.1436	0.096	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	6.407	6.413	-0.006	64558	16.7794	0.080	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	6.577	6.580	-0.003	102768	29.0789	0.14	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.930	6.933	-0.003	192086	52.8205	0.25	80.00- 120.00	100.00
	7 4,4'-DDD					CAS #: 72-54-8		
	7.357	7.360	-0.003	41678	13.3827	0.064	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	9.610	9.613	-0.003	240897	99.1565	0.47	80.00- 120.00	100.00

QC Flag Legend

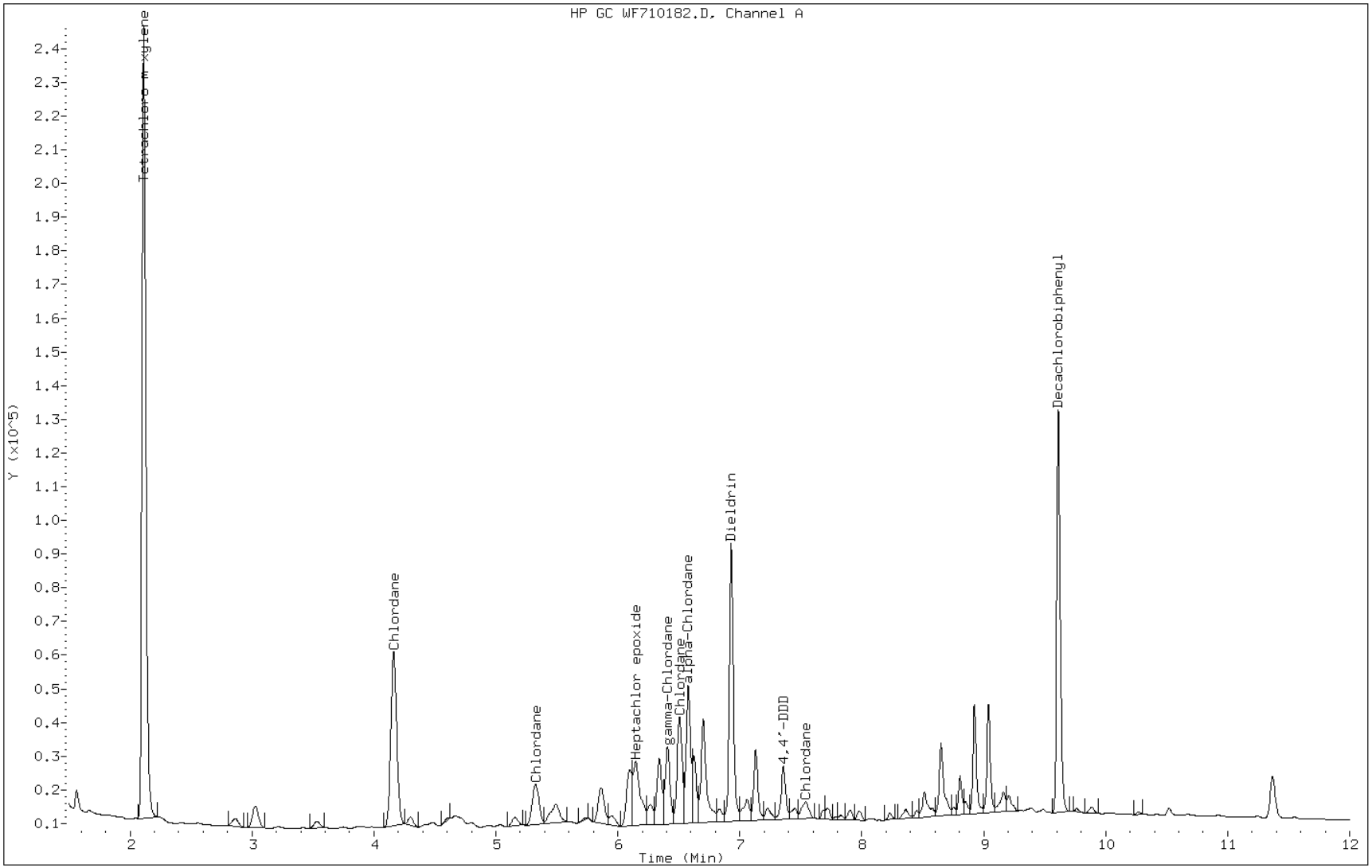
T - Target compound detected outside RT window.

Data File: WF710182.D

Date: 07-MAR-2013 10:57

Client ID: 130041-MW-9S-40FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-19-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-9S-40FT | Lab Sample ID: 460-51333-19

Matrix: Water | Lab File ID: WR710182.D

Analysis Method: 8081A | Date Collected: 02/25/2013 18:23

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 10:57

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.048	U	0.048	0.0095
319-84-6	alpha-BHC	0.048	U	0.048	0.0095
319-85-7	beta-BHC	0.048	U	0.048	0.010
319-86-8	delta-BHC	0.048	U	0.048	0.0086
58-89-9	gamma-BHC (Lindane)	0.048	U	0.048	0.011
72-54-8	4,4'-DDD	0.033	J p	0.048	0.010
72-55-9	4,4'-DDE	0.048	U	0.048	0.0086
50-29-3	4,4'-DDT	0.048	U	0.048	0.0095
959-98-8	Endosulfan I	0.048	U	0.048	0.0086
33213-65-9	Endosulfan II	0.048	U	0.048	0.0095
1031-07-8	Endosulfan sulfate	0.048	U	0.048	0.015
72-20-8	Endrin	0.048	U	0.048	0.0095
7421-93-4	Endrin aldehyde	0.048	U	0.048	0.0086
53494-70-5	Endrin ketone	0.048	U	0.048	0.010
76-44-8	Heptachlor	0.048	U	0.048	0.0095
72-43-5	Methoxychlor	0.048	U	0.048	0.012
8001-35-2	Toxaphene	0.48	U	0.48	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	118		38-150
2051-24-3	DCB Decachlorobiphenyl	102		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710182.D
Lab Smp Id: 460-51333-I-19-A Client Smp ID: 130041-MW-9S-40FT
Inj Date : 07-MAR-2013 10:57
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-I-19-A
Misc Info : 460-51333-I-19-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.743	1.743	0.000	522734	118.462	0.56	80.00- 120.00	100.00
6 Chlordane					CAS #: 57-74-9		
3.220	3.233	-0.013	184195	954.794	4.5	80.00- 120.00	100.00
3.417	3.363	0.054	5201	20.1313	0.096	107.14- 160.70	2.82
4.087	4.097	-0.010	62158	301.453	1.4	85.51- 128.26	33.75
4.757	4.770	-0.013	55273	543.133	2.6	42.20- 63.30	30.01
5.077	5.097	-0.020	59977	101.285	0.48	245.56- 368.34	32.56
5.300	5.320	-0.020	218390	241.251	1.1	375.39- 563.09	118.56
6.377	6.390	-0.013	928	8.03074	0.038	47.92- 71.88	0.50
6.517	6.527	-0.010	8138	47.0576	0.22	71.71- 107.57	4.42
Average of Peak Concentrations =					1.3		

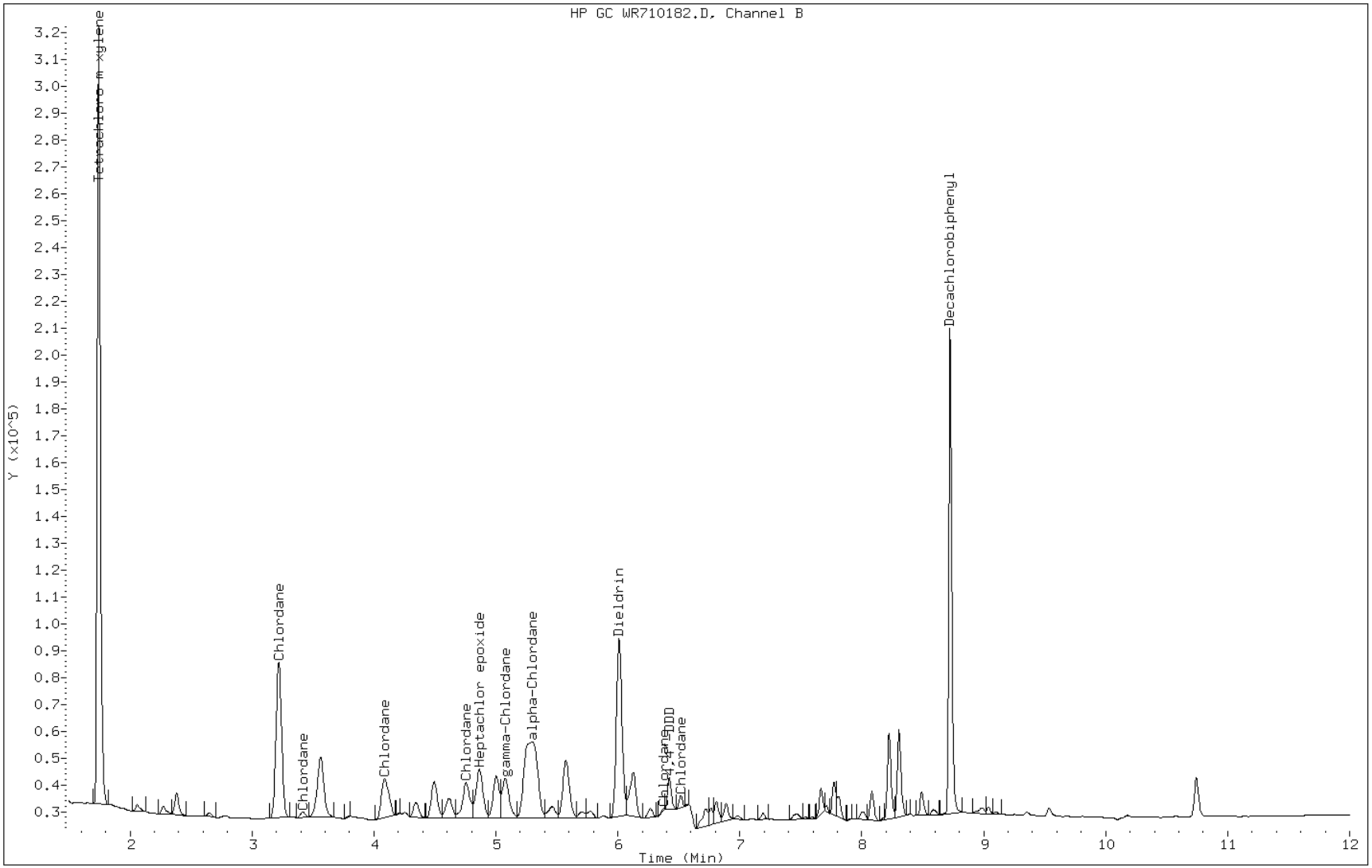
	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
	18 Heptachlor epoxide					CAS #: 1024-57-3		
	4.863	4.873	-0.010	74269	16.9364	0.081	80.00- 120.00	100.00
	65 gamma-Chlordane					CAS #: 5103-74-2		
	5.077	5.090	-0.013	59977	13.1309	0.062	80.00- 120.00	100.00
	66 alpha-Chlordane					CAS #: 5103-71-9		
	5.300	5.327	-0.027	218390	50.3243	0.24	80.00- 120.00	100.00
	10 Dieldrin					CAS #: 60-57-1		
	6.010	6.020	-0.010	211889	48.4804	0.23	80.00- 120.00	100.00
	7 4,4'-DDD					CAS #: 72-54-8		
	6.423	6.427	-0.004	25079	6.89430	0.033	80.00- 120.00	100.00
$	30 Decachlorobiphenyl					CAS #: 2051-24-3		
	8.723	8.727	-0.004	300018	101.757	0.48	80.00- 120.00	100.00

Data File: WR710182.D

Date: 07-MAR-2013 10:57

Client ID: 130041-MW-9S-40FT Instrument: PESTGC4.i

Sample Info: 460-51333-I-19-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT Lab Sample ID: 460-51333-21

Matrix: Water Lab File ID: WF710181.D

Analysis Method: 8081A Date Collected: 02/25/2013 10:23

Extraction Method: 3510C Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) Date Analyzed: 03/07/2013 10:43

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
60-57-1	Dieldrin	0.031	J	0.048	0.0048

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	120		38-150
2051-24-3	DCB Decachlorobiphenyl	108		14-138

Data File: WF710181.D
Report Date: 08-Mar-2013 06:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710181.D
Lab Smp Id: 460-51333-H-21-A Client Smp ID: 130041-MW-7D-55FT
Inj Date : 07-MAR-2013 10:43
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-H-21-A
Misc Info : 460-51333-H-21-A
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

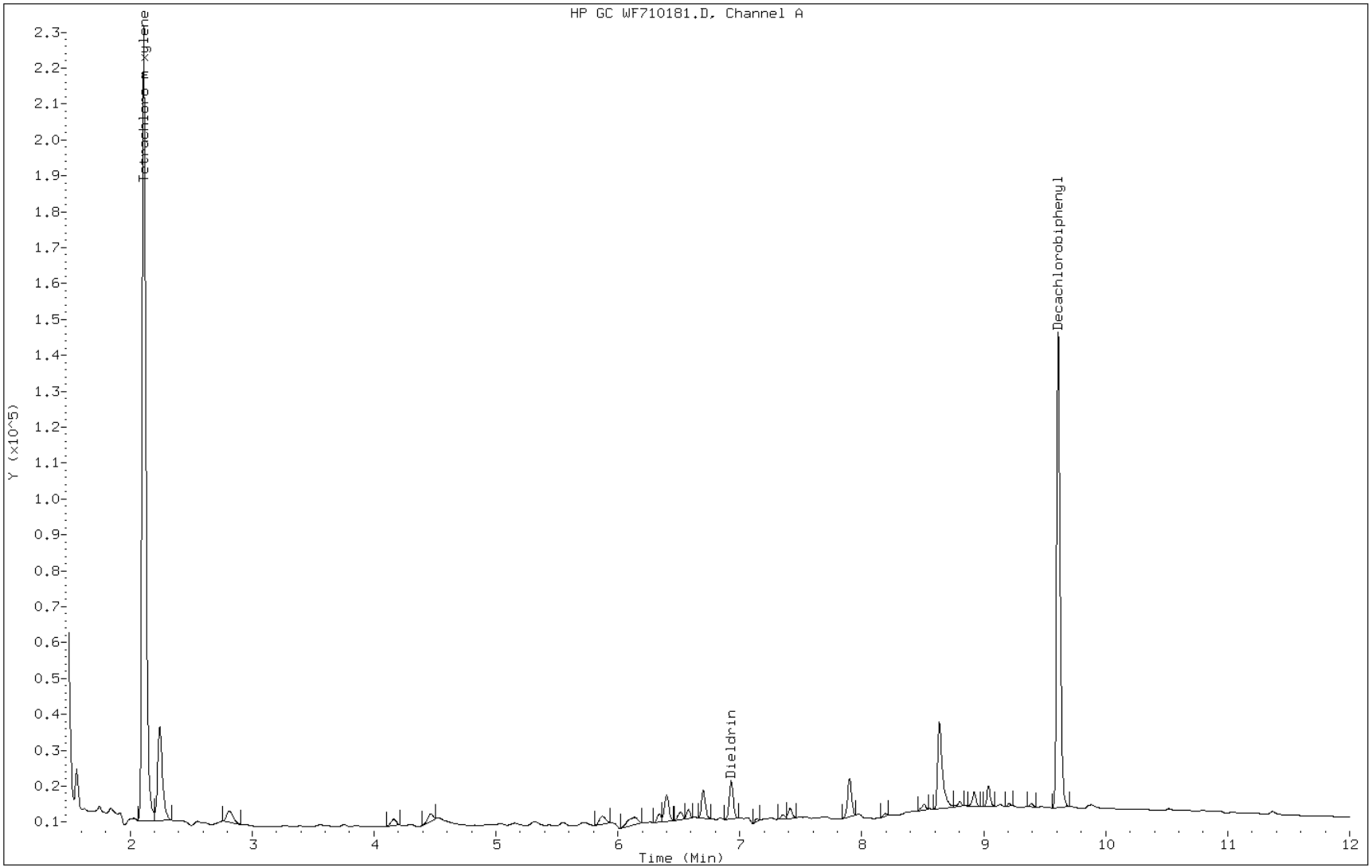
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.113	2.113	0.000	474012	120.129	0.57	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.930	6.933	-0.003	23513	6.46586	0.031	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.610	9.613	-0.003	261265	107.540	0.51	80.00- 120.00	100.00

Data File: WF710181.D

Date: 07-MAR-2013 10:43

Client ID: 130041-MW-7D-55FT Instrument: PESTGC4.i

Sample Info: 460-51333-H-21-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW-7D-55FT | Lab Sample ID: 460-51333-21

Matrix: Water | Lab File ID: WR710181.D

Analysis Method: 8081A | Date Collected: 02/25/2013 10:23

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1050(mL) | Date Analyzed: 03/07/2013 10:43

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.048	U	0.048	0.0095
319-84-6	alpha-BHC	0.048	U	0.048	0.0095
319-85-7	beta-BHC	0.048	U	0.048	0.010
319-86-8	delta-BHC	0.048	U	0.048	0.0086
58-89-9	gamma-BHC (Lindane)	0.048	U	0.048	0.011
57-74-9	Chlordane	0.48	U	0.48	0.32
72-54-8	4,4'-DDD	0.048	U	0.048	0.010
72-55-9	4,4'-DDE	0.048	U	0.048	0.0086
50-29-3	4,4'-DDT	0.048	U	0.048	0.0095
959-98-8	Endosulfan I	0.048	U	0.048	0.0086
33213-65-9	Endosulfan II	0.048	U	0.048	0.0095
1031-07-8	Endosulfan sulfate	0.048	U	0.048	0.015
72-20-8	Endrin	0.048	U	0.048	0.0095
7421-93-4	Endrin aldehyde	0.048	U	0.048	0.0086
53494-70-5	Endrin ketone	0.048	U	0.048	0.010
76-44-8	Heptachlor	0.048	U	0.048	0.0095
1024-57-3	Heptachlor epoxide	0.048	U	0.048	0.0095
72-43-5	Methoxychlor	0.048	U	0.048	0.012
8001-35-2	Toxaphene	0.48	U	0.48	0.19
5103-74-2	gamma-Chlordane	0.048	U	0.048	0.0086
5103-71-9	alpha-Chlordane	0.048	U	0.048	0.0076

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	125		38-150
2051-24-3	DCB Decachlorobiphenyl	105		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710181.D
Lab Smp Id: 460-51333-H-21-A Client Smp ID: 130041-MW-7D-55FT
Inj Date : 07-MAR-2013 10:43
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-H-21-A
Misc Info : 460-51333-H-21-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1050.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

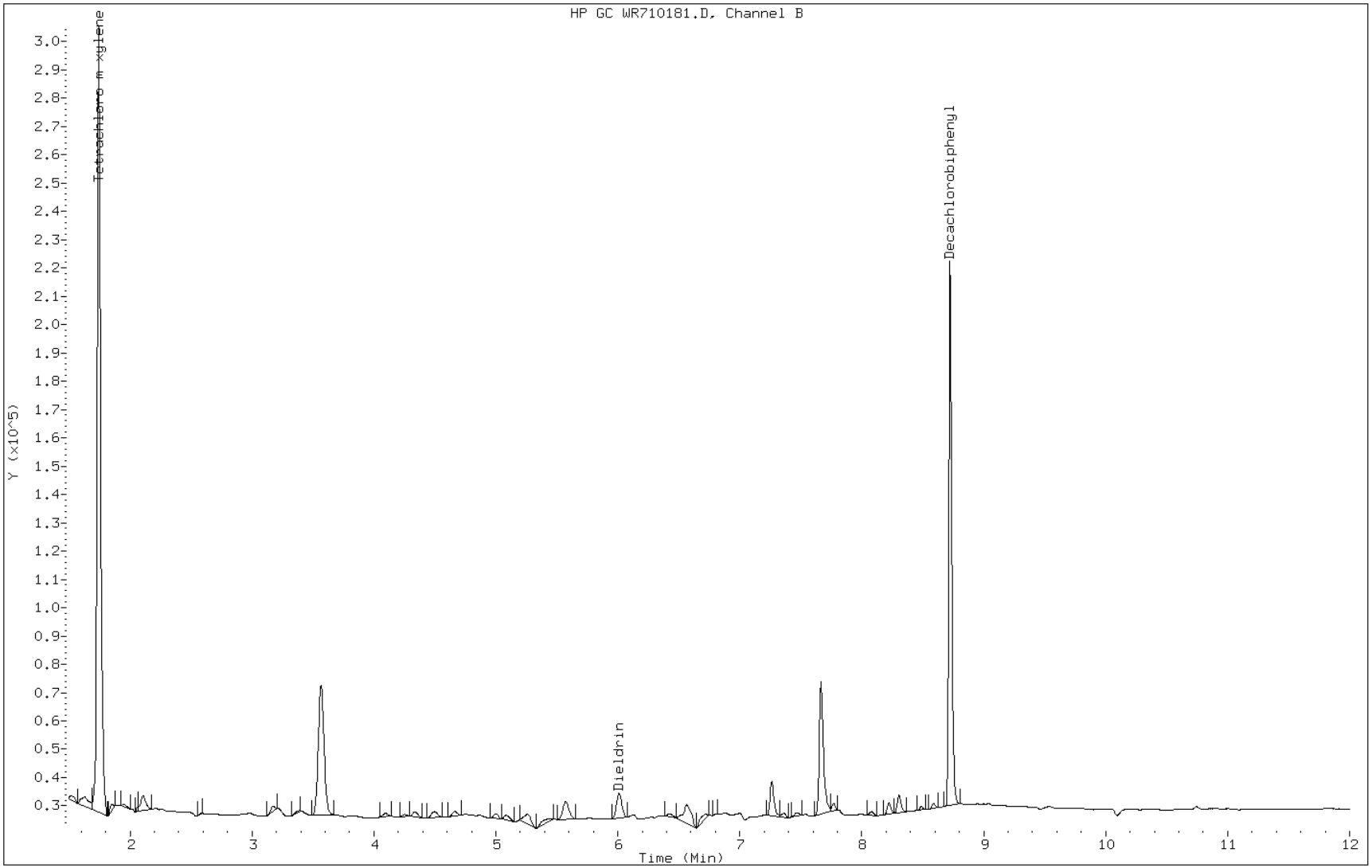
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.743	1.743	0.000	549640	124.559	0.59	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.010	6.020	-0.010	25656	5.87018	0.028	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	310967	105.470	0.50	80.00- 120.00	100.00

Data File: WR710181.D

Date: 07-MAR-2013 10:43

Client ID: 130041-MW-7D-55FT Instrument: PESTGC4.i

Sample Info: 460-51333-H-21-A Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20488

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/5	WF709438.D
Level 2	IC 460-148913/6	WF709439.D
Level 3	IC 460-148913/4	WF709437.D
Level 4	IC 460-148913/7	WF709440.D
Level 5	IC 460-148913/8	WF709441.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.970	2.970	2.973	2.970	2.970						2.923 - 3.023	2.971
gamma-BHC (Lindane)	3.627	3.627	3.630	3.627	3.627						3.580 - 3.680	3.627
beta-BHC	3.777	3.777	3.780	3.777	3.777						3.730 - 3.830	3.777
delta-BHC	4.313	4.313	4.317	4.317	4.313						4.267 - 4.367	4.315
Heptachlor	4.447	4.443	4.450	4.447	4.443						4.400 - 4.500	4.446
Aldrin	5.060	5.060	5.063	5.060	5.060						5.013 - 5.113	5.061
Heptachlor epoxide	6.163	6.163	6.167	6.163	6.163						6.097 - 6.237	6.164
gamma-Chlordane	6.417	6.417	6.420	6.417	6.417						6.350 - 6.490	6.417
alpha-Chlordane	6.587	6.587	6.587	6.587	6.587						6.517 - 6.657	6.587
Endosulfan I	6.653	6.653	6.657	6.653	6.653						6.587 - 6.727	6.654
4,4'-DDE	6.747	6.750	6.750	6.747	6.747						6.680 - 6.820	6.748
Dieldrin	6.937	6.937	6.940	6.937	6.937						6.870 - 7.010	6.937
Endrin	7.267	7.267	7.270	7.267	7.267						7.200 - 7.340	7.267
4,4'-DDD	7.367	7.367	7.367	7.367	7.367						7.297 - 7.437	7.367
Endosulfan II	7.497	7.497	7.500	7.497	7.497						7.430 - 7.570	7.497
4,4'-DDT	7.720	7.720	7.723	7.720	7.720						7.653 - 7.793	7.721
Endrin aldehyde	7.880	7.880	7.880	7.877	7.877						7.810 - 7.950	7.879
Endosulfan sulfate	8.197	8.197	8.197	8.197	8.197						8.127 - 8.267	8.197
Methoxychlor	8.447	8.447	8.447	8.443	8.443						8.377 - 8.517	8.445
Endrin ketone	8.657	8.657	8.657	8.657	8.657						8.587 - 8.727	8.657
Tetrachloro-m-xylene	2.120	2.117	2.120	2.120	2.117						2.070 - 2.170	2.119
DCB Decachlorobiphenyl	9.620	9.620	9.620	9.620	9.620						9.520 - 9.720	9.620

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20488

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/5	WF709438.D
Level 2	IC 460-148913/6	WF709439.D
Level 3	IC 460-148913/4	WF709437.D
Level 4	IC 460-148913/7	WF709440.D
Level 5	IC 460-148913/8	WF709441.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 3	LVL 4		B	M1	M2								
alpha-BHC	5632.4 5258.9	6001.7	6080.2	5474.9	Ave		5689.61080				6.1		20.0			
gamma-BHC (Lindane)	5126.1 4575.6	5213.1	5329.3	4785.0	Ave		5005.82280				6.3		20.0			
beta-BHC	2734.7 2138.2	2513.0	2517.7	2238.9	Ave		2428.50640				9.9		20.0			
delta-BHC	4673.7 4495.2	4992.5	5133.3	4668.2	Ave		4792.58240				5.5		20.0			
Heptachlor	4411.9 3644.5	4266.0	4399.4	3848.0	Ave		4113.96720				8.5		20.0			
Aldrin	4419.2 4129.0	4767.5	4866.0	4335.4	Ave		4503.41920				6.8		20.0			
Heptachlor epoxide	4375.0 3429.2	4161.5	4121.2	3632.5	Ave		3943.88040				10.0		20.0			
gamma-Chlordane	4192.4 3452.3	3994.7	4010.9	3587.0	Ave		3847.46560				8.1		20.0			
alpha-Chlordane	3953.7 3149.4	3675.4	3649.9	3242.2	Ave		3534.11160				9.4		20.0			
Endosulfan I	3677.7 2997.7	3516.9	3544.6	3157.9	Ave		3378.96120				8.5		20.0			
4,4'-DDE	3460.8 3172.5	3548.4	3621.9	3262.1	Ave		3413.13840				5.6		20.0			
Dieldrin	3972.4 3277.3	3751.2	3781.2	3400.8	Ave		3636.57720				7.9		20.0			
Endrin	3330.3 2934.2	3344.1	3431.8	3046.7	Ave		3217.42640				6.7		20.0			
4,4'-DDD	3969.8 2714.4	3018.0	3087.1	2782.3	Ave		3114.32080				16.2		20.0			
Endosulfan II	3341.3 2841.2	3315.4	3319.6	2946.8	Ave		3152.85320				7.6		20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20488

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 3	LVL 4		B	M1	M2								
4,4'-DDT	3121.5 2857.1	3112.8	3223.8	2891.0	Ave		3041.23520				5.2		20.0			
Endrin aldehyde	2775.9 2198.8	2564.5	2628.0	2270.3	Ave		2487.49640				9.8		20.0			
Endosulfan sulfate	2954.4 2464.4	2820.2	2807.6	2535.7	Ave		2716.43920				7.6		20.0			
Methoxychlor	1652.3 1364.1	1562.8	1546.5	1320.9	Ave		1489.31280				9.5		20.0			
Endrin ketone	3046.9 2578.5	2845.3	2848.7	2587.2	Ave		2781.30240				7.1		20.0			
Tetrachloro-m-xylene	3851.1 3819.6	4165.1	4096.3	3797.4	Ave		3945.87333				4.3		20.0			
DCB Decachlorobiphenyl	2517.9 2252.4	2610.2	2469.8	2297.0	Ave		2429.46167				6.2		20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20488

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/5	WF709438.D
Level 2	IC 460-148913/6	WF709439.D
Level 3	IC 460-148913/4	WF709437.D
Level 4	IC 460-148913/7	WF709440.D
Level 5	IC 460-148913/8	WF709441.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	56324	300085	608019	1368720	2629442	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	51261	260657	532931	1196243	2287796	10.0	50.0	100	250	500
beta-BHC	Ave	27347	125651	251769	559730	1069101	10.0	50.0	100	250	500
delta-BHC	Ave	46737	249625	513326	1167060	2247606	10.0	50.0	100	250	500
Heptachlor	Ave	44119	213299	439941	962009	1822255	10.0	50.0	100	250	500
Aldrin	Ave	44192	238375	486596	1083854	2064510	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	43750	208074	412122	908132	1714587	10.0	50.0	100	250	500
gamma-Chlordane	Ave	41924	199733	401094	896756	1726152	10.0	50.0	100	250	500
alpha-Chlordane	Ave	39537	183769	364987	810540	1574724	10.0	50.0	100	250	500
Endosulfan I	Ave	36777	175843	354464	789483	1498837	10.0	50.0	100	250	500
4,4'-DDE	Ave	34608	177421	362185	815529	1586253	10.0	50.0	100	250	500
Dieldrin	Ave	39724	187560	378115	850204	1638660	10.0	50.0	100	250	500
Endrin	Ave	33303	167207	343184	761664	1467098	10.0	50.0	100	250	500
4,4'-DDD	Ave	39698	150898	308712	695571	1357220	10.0	50.0	100	250	500
Endosulfan II	Ave	33413	165770	331959	736702	1420584	10.0	50.0	100	250	500
4,4'-DDT	Ave	31215	155640	322375	722762	1428539	10.0	50.0	100	250	500
Endrin aldehyde	Ave	27759	128224	262797	567583	1099400	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	29544	141008	280762	633913	1232182	10.0	50.0	100	250	500
Methoxychlor	Ave	16523	78139	154646	330224	682064	10.0	50.0	100	250	500
Endrin ketone	Ave	30469	142263	284866	646798	1289250	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	96277	208255	409625	569605	763914	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	62947	130510	246982	344546	450487	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

Data File: WF709437.D
Report Date: 27-Feb-2013 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/WF709437.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 27-FEB-2013 06:26
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/08Wf8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
2.120	2.120	0.000	409625	100.000	100	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.973	2.973	0.000	608019	100.000	110	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.630	3.630	0.000	532931	100.000	110	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
3.780	3.780	0.000	251769	100.000	100	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
4.317	4.317	0.000	513326	100.000	110	80.00- 120.00		100.00

Data File: WF709437.D
Report Date: 27-Feb-2013 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.450	4.450	0.000	439941	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.063	5.063	0.000	486596	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.167	6.167	0.000	412122	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.420	6.420	0.000	401094	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.587	6.587	0.000	364987	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.657	6.657	0.000	354464	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.750	6.750	0.000	362185	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.940	6.940	0.000	378115	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.270	7.270	0.000	343184	100.000	110	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.367	7.367	0.000	308712	100.000	99	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.500	7.500	0.000	331959	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.723	7.723	0.000	322375	100.000	110	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.880	7.880	0.000	262797	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.197	8.197	0.000	280762	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.447	8.447	0.000	154646	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.657	8.657	0.000	284866	100.000	100	80.00- 120.00	100.00

Data File: WF709437.D
Report Date: 27-Feb-2013 08:48

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.620	9.620	0.000	246982	100.000	100	80.00- 120.00	100.00

Data File: WF709437.D

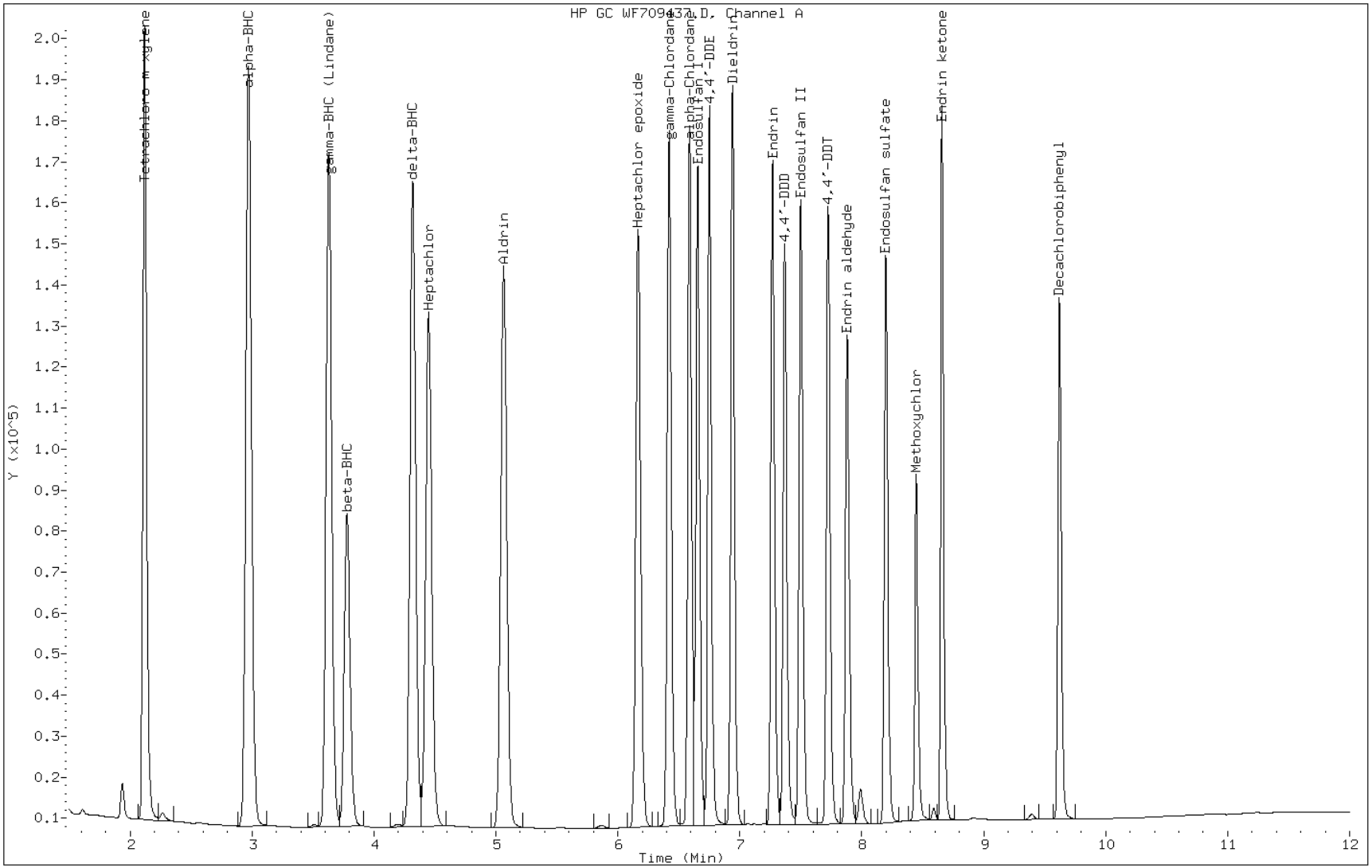
Date: 27-FEB-2013 06:26

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014

Operator:



Data File: WF709438.D
Report Date: 27-Feb-2013 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/WF709438.D
Lab Smp Id: SGPESTL1_00016
Inj Date : 27-FEB-2013 06:44
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL1_00016
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/08Wf8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 06:44 Cal File: WF709438.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.120	2.120	0.000	96277	25.0000	24	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.970	2.973	-0.003	56324	10.0000	9.9	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.627	3.630	-0.003	51261	10.0000	10	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.777	3.780	-0.003	27347	10.0000	11	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
4.313	4.317	-0.004	46737	10.0000	9.8	80.00- 120.00		100.00

Data File: WF709438.D
Report Date: 27-Feb-2013 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.447	4.450	-0.003	44119	10.0000	11	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.060	5.063	-0.003	44192	10.0000	9.8	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.163	6.167	-0.004	43750	10.0000	11	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.417	6.420	-0.003	41924	10.0000	11	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.587	6.587	0.000	39537	10.0000	11	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.653	6.657	-0.004	36777	10.0000	11	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.747	6.750	-0.003	34608	10.0000	10	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.937	6.940	-0.003	39724	10.0000	11	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.267	7.270	-0.003	33303	10.0000	10	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.367	7.367	0.000	39698	10.0000	13	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.497	7.500	-0.003	33413	10.0000	10	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.720	7.723	-0.003	31215	10.0000	10	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.880	7.880	0.000	27759	10.0000	11	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.197	8.197	0.000	29544	10.0000	11	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.447	8.447	0.000	16523	10.0000	11	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.657	8.657	0.000	30469	10.0000	11	80.00- 120.00	100.00

Data File: WF709438.D
Report Date: 27-Feb-2013 08:48

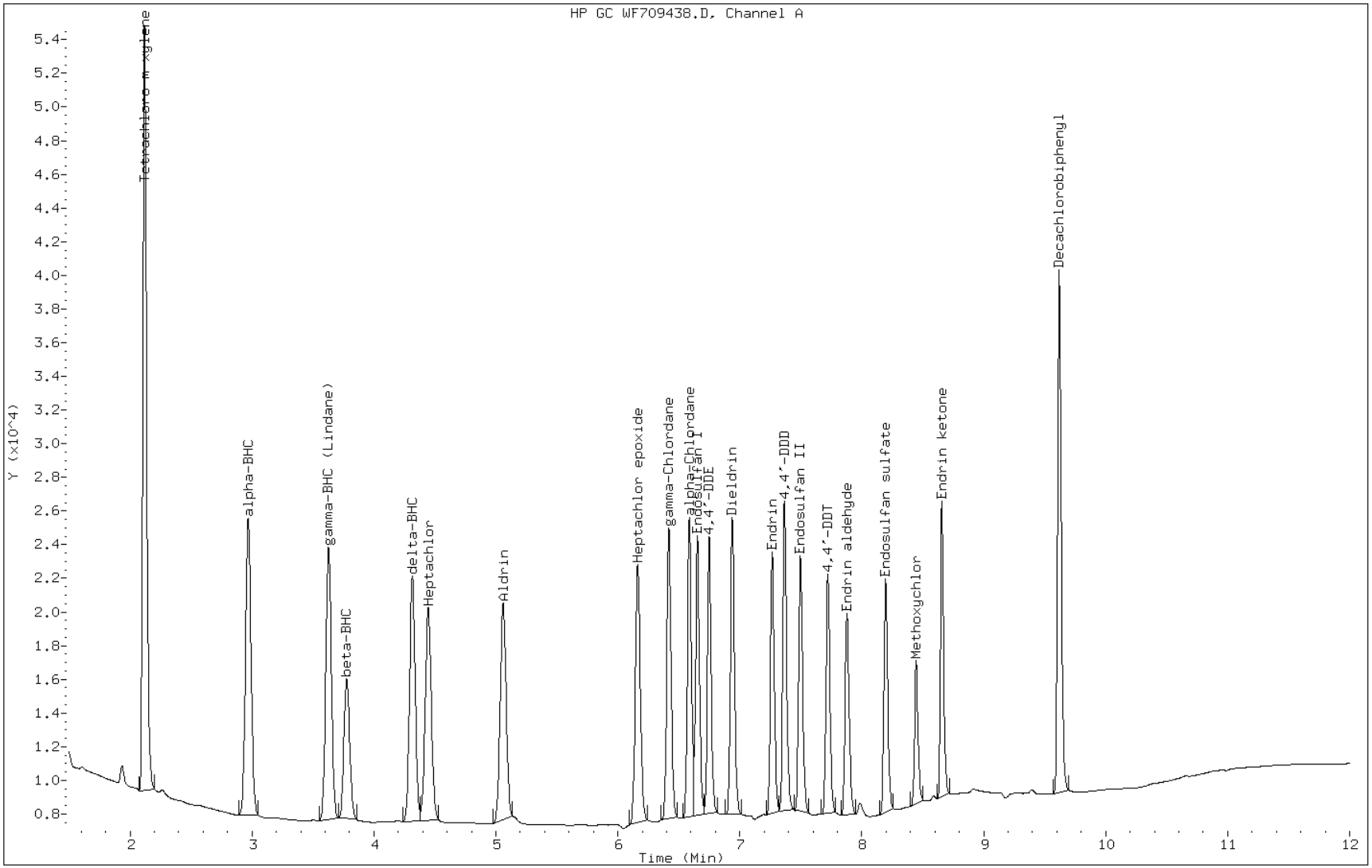
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.620	9.620	0.000	62947	25.0000	26	80.00- 120.00	100.00

Data File: WF709438.D

Date: 27-FEB-2013 06:44

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL1_00016 Operator:



Data File: WF709439.D
Report Date: 27-Feb-2013 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/WF709439.D
Lab Smp Id: SGPESTL2_00014
Inj Date : 27-FEB-2013 06:57
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL2_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/08Wf8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 06:57 Cal File: WF709439.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	======	========	========	=======	=======	==========		=====
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.117	2.120	-0.003	208255	50.0000	53	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.970	2.973	-0.003	300085	50.0000	53	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.627	3.630	-0.003	260657	50.0000	52	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
3.777	3.780	-0.003	125651	50.0000	52	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
4.313	4.317	-0.004	249625	50.0000	52	80.00- 120.00		100.00

Data File: WF709439.D
Report Date: 27-Feb-2013 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.443	4.450	-0.007	213299	50.0000	52	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.060	5.063	-0.003	238375	50.0000	53	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.163	6.167	-0.004	208074	50.0000	53	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.417	6.420	-0.003	199733	50.0000	52	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.587	6.587	0.000	183769	50.0000	52	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.653	6.657	-0.004	175843	50.0000	52	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.750	6.750	0.000	177421	50.0000	52	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.937	6.940	-0.003	187560	50.0000	52	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.267	7.270	-0.003	167207	50.0000	52	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.367	7.367	0.000	150898	50.0000	48	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.497	7.500	-0.003	165770	50.0000	52	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.720	7.723	-0.003	155640	50.0000	51	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.880	7.880	0.000	128224	50.0000	52	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.197	8.197	0.000	141008	50.0000	52	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.447	8.447	0.000	78139	50.0000	52	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.657	8.657	0.000	142263	50.0000	51	80.00- 120.00	100.00

Data File: WF709439.D
Report Date: 27-Feb-2013 08:48

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.620	9.620	0.000	130510	50.0000	54	80.00- 120.00	100.00

Data File: WF709439.D

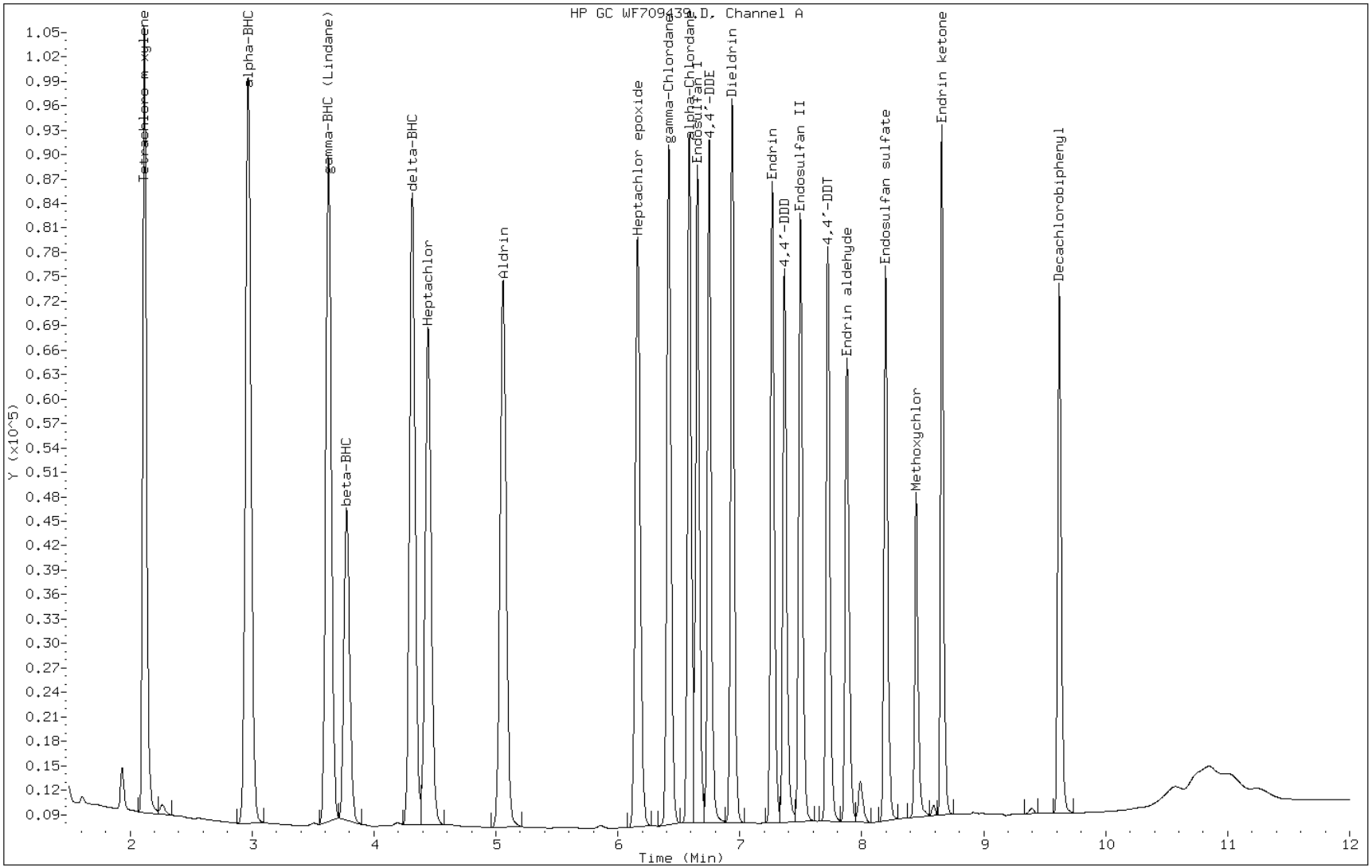
Date: 27-FEB-2013 06:57

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL2_00014

Operator:



Data File: WF709440.D
Report Date: 27-Feb-2013 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/WF709440.D
Lab Smp Id: SGPESTL4_00015
Inj Date : 27-FEB-2013 07:11
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL4_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/08Wf8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:11 Cal File: WF709440.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
2.120	2.120	0.000	569605	150.000	140	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.970	2.973	-0.003	1368720	250.000	240	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.627	3.630	-0.003	1196243	250.000	240	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
3.777	3.780	-0.003	559730	250.000	230	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
4.317	4.317	0.000	1167060	250.000	240	80.00- 120.00		100.00

Data File: WF709440.D
Report Date: 27-Feb-2013 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.447	4.450	-0.003	962009	250.000	230	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.060	5.063	-0.003	1083854	250.000	240	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.163	6.167	-0.004	908132	250.000	230	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.417	6.420	-0.003	896756	250.000	230	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.587	6.587	0.000	810540	250.000	230	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.653	6.657	-0.004	789483	250.000	230	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.747	6.750	-0.003	815529	250.000	240	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.937	6.940	-0.003	850204	250.000	230	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.267	7.270	-0.003	761664	250.000	240	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.367	7.367	0.000	695571	250.000	220	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.497	7.500	-0.003	736702	250.000	230	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.720	7.723	-0.003	722762	250.000	240	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.877	7.880	-0.003	567583	250.000	230	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.197	8.197	0.000	633913	250.000	230	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.443	8.447	-0.004	330224	250.000	220	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.657	8.657	0.000	646798	250.000	230	80.00- 120.00	100.00

Data File: WF709440.D
Report Date: 27-Feb-2013 08:48

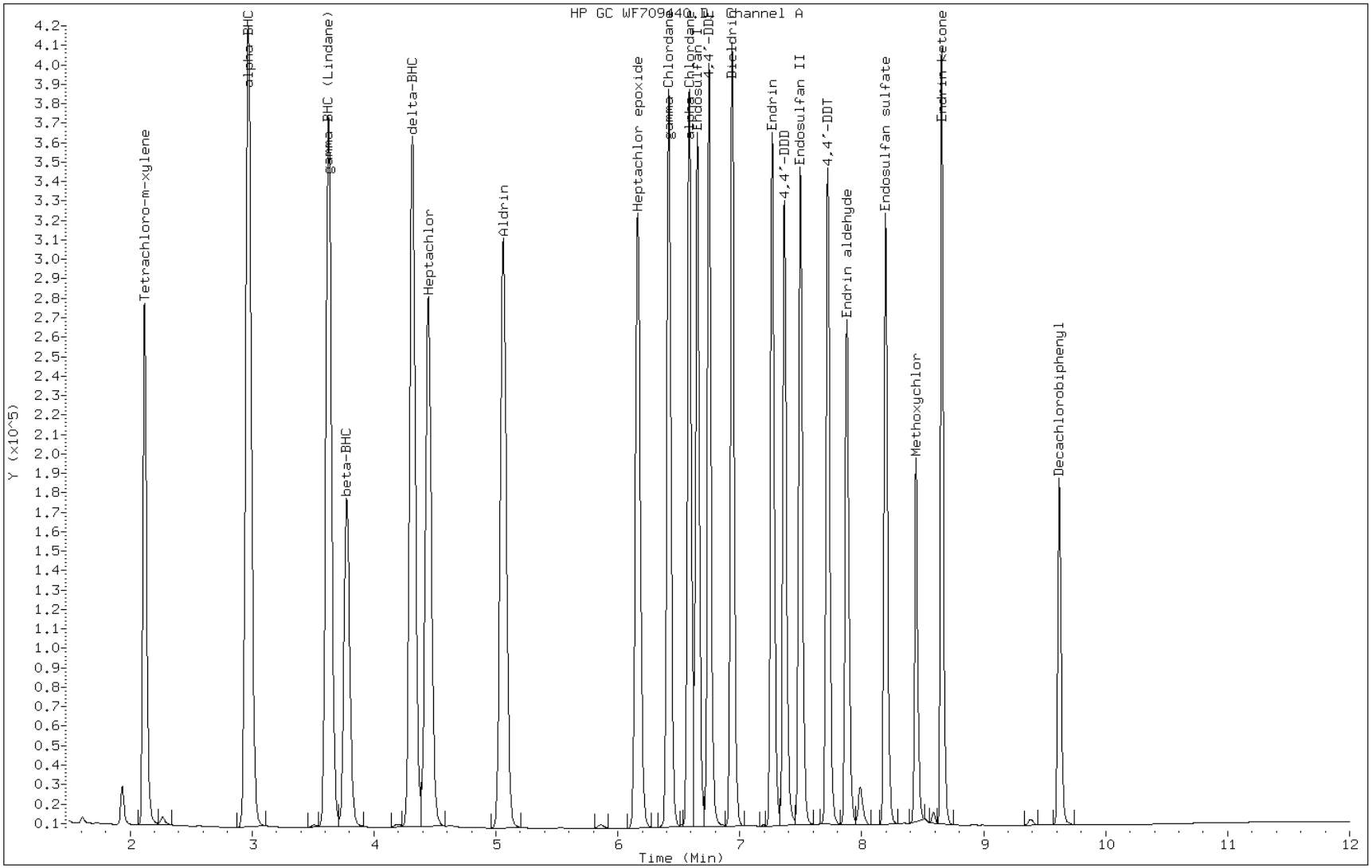
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.620	9.620	0.000	344546	150.000	140	80.00- 120.00	100.00

Data File: WF709440.D

Date: 27-FEB-2013 07:11

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL4_00015 Operator:



Data File: WF709441.D
Report Date: 27-Feb-2013 08:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/WF709441.D
Lab Smp Id: SGPESTL5_00013
Inj Date : 27-FEB-2013 07:25
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL5_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/08Wf8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:25 Cal File: WF709441.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
2.117	2.120	-0.003	763914	200.000	190	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.970	2.973	-0.003	2629442	500.000	460	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.627	3.630	-0.003	2287796	500.000	460	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
3.777	3.780	-0.003	1069101	500.000	440	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
4.313	4.317	-0.004	2247606	500.000	470	80.00- 120.00		100.00

Data File: WF709441.D
Report Date: 27-Feb-2013 08:48

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.443	4.450	-0.007	1822255	500.000	440	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.060	5.063	-0.003	2064510	500.000	460	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.163	6.167	-0.004	1714587	500.000	430	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.417	6.420	-0.003	1726152	500.000	450	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.587	6.587	0.000	1574724	500.000	440	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.653	6.657	-0.004	1498837	500.000	440	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.747	6.750	-0.003	1586253	500.000	460	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.937	6.940	-0.003	1638660	500.000	450	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.267	7.270	-0.003	1467098	500.000	460	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.367	7.367	0.000	1357220	500.000	440	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.497	7.500	-0.003	1420584	500.000	450	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.720	7.723	-0.003	1428539	500.000	470	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.877	7.880	-0.003	1099400	500.000	440	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.197	8.197	0.000	1232182	500.000	450	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.443	8.447	-0.004	682064	500.000	460	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.657	8.657	0.000	1289250	500.000	460	80.00- 120.00	100.00

Data File: WF709441.D
Report Date: 27-Feb-2013 08:48

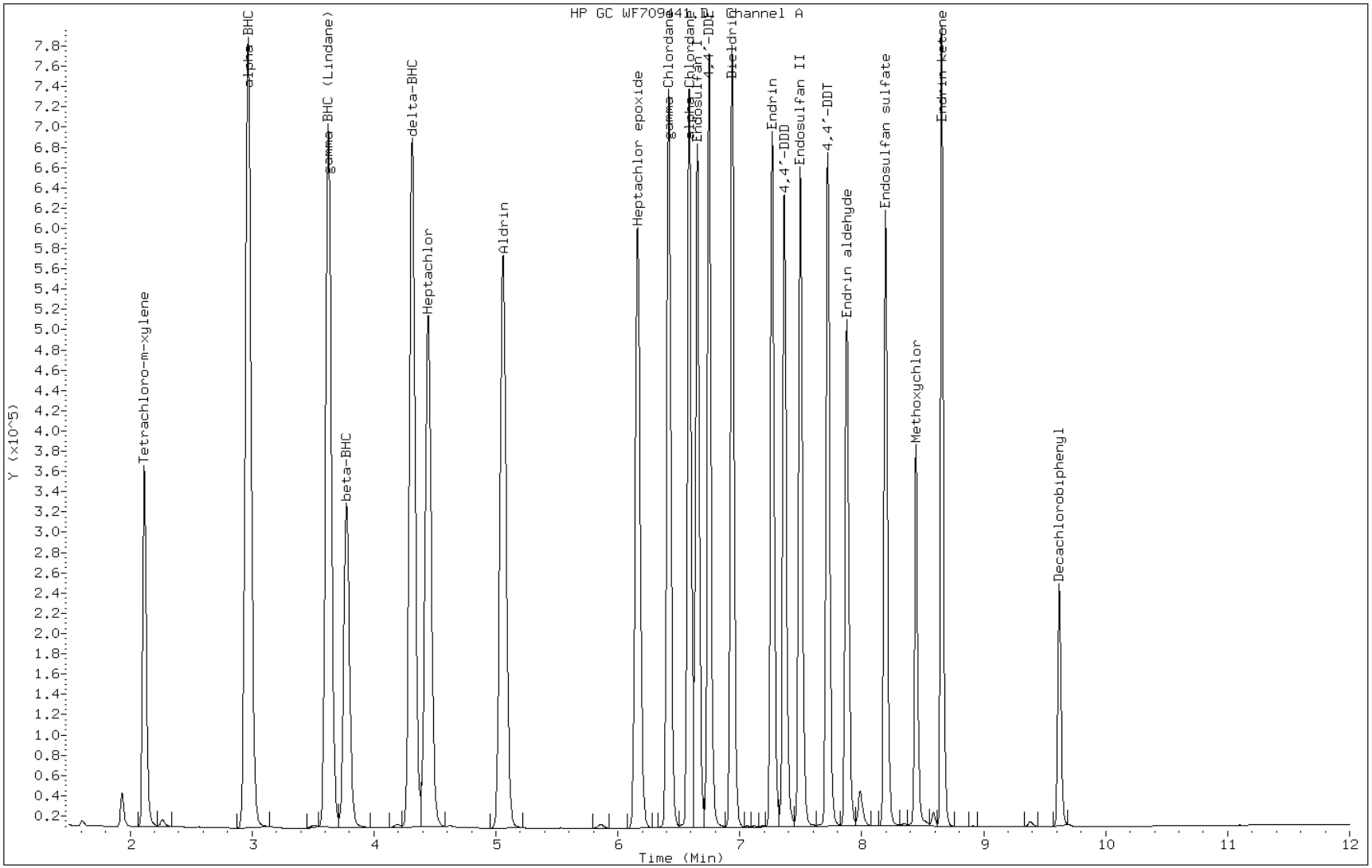
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.620	9.620	0.000	450487	200.000	180	80.00- 120.00	100.00

Data File: WF709441.D

Date: 27-FEB-2013 07:25

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL5_00013 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20487

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/5	WR709438.D
Level 2	IC 460-148913/6	WR709439.D
Level 3	IC 460-148913/4	WR709437.D
Level 4	IC 460-148913/7	WR709440.D
Level 5	IC 460-148913/8	WR709441.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.223	2.223	2.223	2.223	2.223						2.173 - 2.273	2.223
gamma-BHC (Lindane)	2.590	2.587	2.590	2.590	2.587						2.540 - 2.640	2.589
beta-BHC	2.717	2.713	2.717	2.717	2.713						2.667 - 2.767	2.715
delta-BHC	3.010	3.007	3.010	3.010	3.007						2.960 - 3.060	3.009
Heptachlor	3.367	3.363	3.367	3.367	3.363						3.317 - 3.417	3.365
Aldrin	3.867	3.863	3.867	3.867	3.863						3.817 - 3.917	3.865
Heptachlor epoxide	4.880	4.877	4.883	4.880	4.877						4.813 - 4.953	4.879
gamma-Chlordane	5.097	5.093	5.100	5.097	5.093						5.030 - 5.170	5.096
alpha-Chlordane	5.333	5.333	5.337	5.333	5.333						5.267 - 5.407	5.334
4,4'-DDE	5.483	5.483	5.487	5.483	5.483						5.417 - 5.557	5.484
Endosulfan I	5.580	5.580	5.583	5.580	5.580						5.513 - 5.653	5.581
Dieldrin	6.023	6.023	6.027	6.023	6.023						5.957 - 6.097	6.024
Endrin	6.347	6.347	6.350	6.347	6.347						6.280 - 6.420	6.347
4,4'-DDD	6.430	6.430	6.433	6.430	6.430						6.363 - 6.503	6.431
Endosulfan II	6.597	6.597	6.597	6.597	6.593						6.527 - 6.667	6.596
4,4'-DDT	6.723	6.723	6.727	6.723	6.723						6.657 - 6.797	6.724
Endrin aldehyde	7.017	7.017	7.017	7.017	7.017						6.947 - 7.087	7.017
Methoxychlor	7.227	7.227	7.230	7.227	7.227						7.160 - 7.300	7.227
Endosulfan sulfate	7.477	7.477	7.477	7.477	7.477						7.407 - 7.547	7.477
Endrin ketone	7.783	7.783	7.787	7.783	7.783						7.717 - 7.857	7.784
Tetrachloro-m-xylene	1.747	1.747	1.747	1.747	1.747						1.697 - 1.797	1.747
DCB Decachlorobiphenyl	8.730	8.730	8.733	8.730	8.730						8.633 - 8.833	8.731

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20487

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/5	WR709438.D
Level 2	IC 460-148913/6	WR709439.D
Level 3	IC 460-148913/4	WR709437.D
Level 4	IC 460-148913/7	WR709440.D
Level 5	IC 460-148913/8	WR709441.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 3	LVL 4		B	M1	M2								
alpha-BHC	6361.8 5637.2	6233.3	6223.0	5590.3	Ave		6009.10920				6.1		20.0			
gamma-BHC (Lindane)	5773.4 5005.6	5663.0	5684.7	5147.4	Ave		5454.81880				6.4		20.0			
beta-BHC	2725.4 2331.2	2638.8	2636.5	2440.2	Ave		2554.40600				6.4		20.0			
delta-BHC	5372.9 4939.0	5575.6	5681.8	5109.3	Ave		5335.71080				5.8		20.0			
Heptachlor	5372.0 4251.1	5212.1	5286.0	4533.1	Ave		4930.85560				10.2		20.0			
Aldrin	4928.5 4348.1	5034.3	5133.9	4543.7	Ave		4797.68480				7.0		20.0			
Heptachlor epoxide	4769.2 3837.0	4611.9	4634.8	4072.9	Ave		4385.16640				9.3		20.0			
gamma-Chlordane	4893.6 4137.8	4721.8	4786.3	4298.6	Ave		4567.60640				7.2		20.0			
alpha-Chlordane	4353.3 3974.2	4600.1	4630.1	4140.6	Ave		4339.65480				6.6		20.0			
4,4'-DDE	4307.6 3942.7	4396.7	4551.9	4081.9	Ave		4256.13440				5.7		20.0			
Endosulfan I	4405.4 3632.8	4371.8	4434.9	3898.8	Ave		4148.76680				8.7		20.0			
Dieldrin	4562.8 3924.0	4586.7	4647.7	4131.8	Ave		4370.61520				7.4		20.0			
Endrin	3647.1 3304.6	3932.5	3995.7	3480.1	Ave		3671.98840				8.0		20.0			
4,4'-DDD	4577.1 3171.3	3573.2	3585.7	3281.0	Ave		3637.64400				15.3		20.0			
Endosulfan II	4030.7 3133.8	3721.7	3691.9	3288.0	Ave		3573.22440				10.1		20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20487

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 3	LVL 4		B	M1	M2								
4,4'-DDT	3935.8 3338.9	3729.0	3796.4	3427.2	Ave		3645.45880				6.9		20.0			
Endrin aldehyde	3149.4 2528.3	2972.5	3012.6	2644.8	Ave		2861.53400				9.2		20.0			
Methoxychlor	2093.5 1624.4	1936.0	2000.2	1723.9	Ave		1875.59240				10.4		20.0			
Endosulfan sulfate	3706.1 2843.7	3414.0	3376.6	2975.5	Ave		3263.17520				10.7		20.0			
Endrin ketone	3966.5 3177.4	3742.3	3725.1	3292.2	Ave		3580.70560				9.3		20.0			
Tetrachloro-m-xylene	4381.8 4266.3	4689.9	4508.7	4216.8	Ave		4412.68067				4.3		20.0			
DCB Decachlorobiphenyl	2857.5 2801.1	3110.1	3065.8	2907.4	Ave		2948.39033				4.5		20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 06:26 Calibration End Date: 02/27/2013 07:25 Calibration ID: 20487

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/5	WR709438.D
Level 2	IC 460-148913/6	WR709439.D
Level 3	IC 460-148913/4	WR709437.D
Level 4	IC 460-148913/7	WR709440.D
Level 5	IC 460-148913/8	WR709441.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	63618	311667	622297	1397571	2818576	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	57734	283150	568466	1286861	2502795	10.0	50.0	100	250	500
beta-BHC	Ave	27254	131938	263647	610038	1165624	10.0	50.0	100	250	500
delta-BHC	Ave	53729	278781	568176	1277321	2469495	10.0	50.0	100	250	500
Heptachlor	Ave	53720	260603	528599	1133282	2125550	10.0	50.0	100	250	500
Aldrin	Ave	49285	251715	513385	1135923	2174041	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	47692	230597	463475	1018232	1918507	10.0	50.0	100	250	500
gamma-Chlordane	Ave	48936	236092	478626	1074641	2068884	10.0	50.0	100	250	500
alpha-Chlordane	Ave	43533	230006	463005	1035147	1987108	10.0	50.0	100	250	500
4,4'-DDE	Ave	43076	219833	455185	1020477	1971327	10.0	50.0	100	250	500
Endosulfan I	Ave	44054	218591	443494	974710	1816417	10.0	50.0	100	250	500
Dieldrin	Ave	45628	229337	464774	1032944	1962010	10.0	50.0	100	250	500
Endrin	Ave	36471	196623	399570	870015	1652311	10.0	50.0	100	250	500
4,4'-DDD	Ave	45771	178661	358567	820244	1585627	10.0	50.0	100	250	500
Endosulfan II	Ave	40307	186083	369194	822006	1566899	10.0	50.0	100	250	500
4,4'-DDT	Ave	39358	186451	379641	856802	1669428	10.0	50.0	100	250	500
Endrin aldehyde	Ave	31494	148626	301260	661211	1264153	10.0	50.0	100	250	500
Methoxychlor	Ave	20935	96798	200020	430984	812183	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	37061	170700	337655	743872	1421869	10.0	50.0	100	250	500
Endrin ketone	Ave	39665	187114	372509	823058	1588713	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	109544	234495	450865	632525	853252	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	71438	155507	306582	436105	560221	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/WR709437.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 27-FEB-2013 06:26
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/08Wr8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.747	1.747	0.000	450865	100.000	100	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.223	2.223	0.000	622297	100.000	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.590	2.590	0.000	568466	100.000	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.717	2.717	0.000	263647	100.000	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.010	3.010	0.000	568176	100.000	110	80.00- 120.00	100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.367	3.367	0.000	528599	100.000	110	80.00- 120.00		100.00
1 Aldrin						CAS #: 72-55-9		
3.867	3.867	0.000	513385	100.000	110	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.883	4.883	0.000	463475	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.100	5.100	0.000	478626	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.337	5.337	0.000	463005	100.000	110	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.487	5.487	0.000	455185	100.000	110	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
5.583	5.583	0.000	443494	100.000	110	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.027	6.027	0.000	464774	100.000	110	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.350	6.350	0.000	399570	100.000	110	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.433	6.433	0.000	358567	100.000	98	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.597	6.597	0.000	369194	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.727	6.727	0.000	379641	100.000	100	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.017	7.017	0.000	301260	100.000	100	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.230	7.230	0.000	200020	100.000	110	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.477	7.477	0.000	337655	100.000	100	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.787	7.787	0.000	372509	100.000	100	80.00- 120.00		100.00

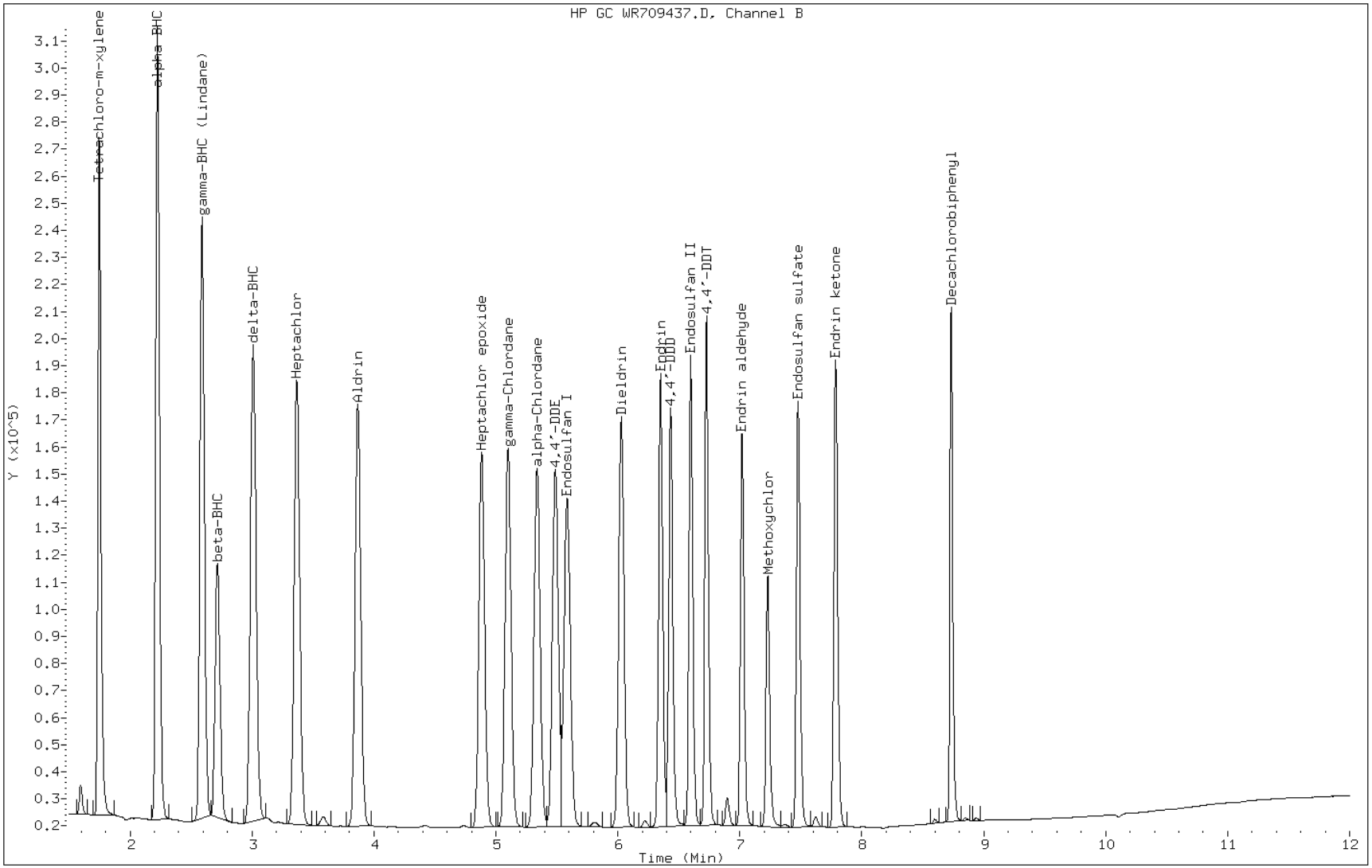
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.733	8.733	0.000	306582	100.000	100	80.00- 120.00	100.00

Data File: WR709437.D

Date: 27-FEB-2013 06:26

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/WR709438.D
Lab Smp Id: SGPESTL1_00016
Inj Date : 27-FEB-2013 06:44
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL1_00016
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/08Wr8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.747	1.747	0.000	109544	25.0000	25	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.223	2.223	0.000	63618	10.0000	10	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.590	2.590	0.000	57734	10.0000	10	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.717	2.717	0.000	27254	10.0000	11	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.010	3.010	0.000	53729	10.0000	10	80.00- 120.00	100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.367	3.367	0.000	53720	10.0000	11	80.00- 120.00		100.00
1 Aldrin						CAS #: 72-55-9		
3.867	3.867	0.000	49285	10.0000	10	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.880	4.883	-0.003	47692	10.0000	11	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.097	5.100	-0.003	48936	10.0000	11	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.333	5.337	-0.004	43533	10.0000	10	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.483	5.487	-0.004	43076	10.0000	10	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
5.580	5.583	-0.003	44054	10.0000	11	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.023	6.027	-0.004	45628	10.0000	10	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.347	6.350	-0.003	36471	10.0000	9.9	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.430	6.433	-0.003	45771	10.0000	12	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.597	6.597	0.000	40307	10.0000	11	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.723	6.727	-0.004	39358	10.0000	11	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.017	7.017	0.000	31494	10.0000	11	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.227	7.230	-0.003	20935	10.0000	11	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.477	7.477	0.000	37061	10.0000	11	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.783	7.787	-0.004	39665	10.0000	11	80.00- 120.00		100.00

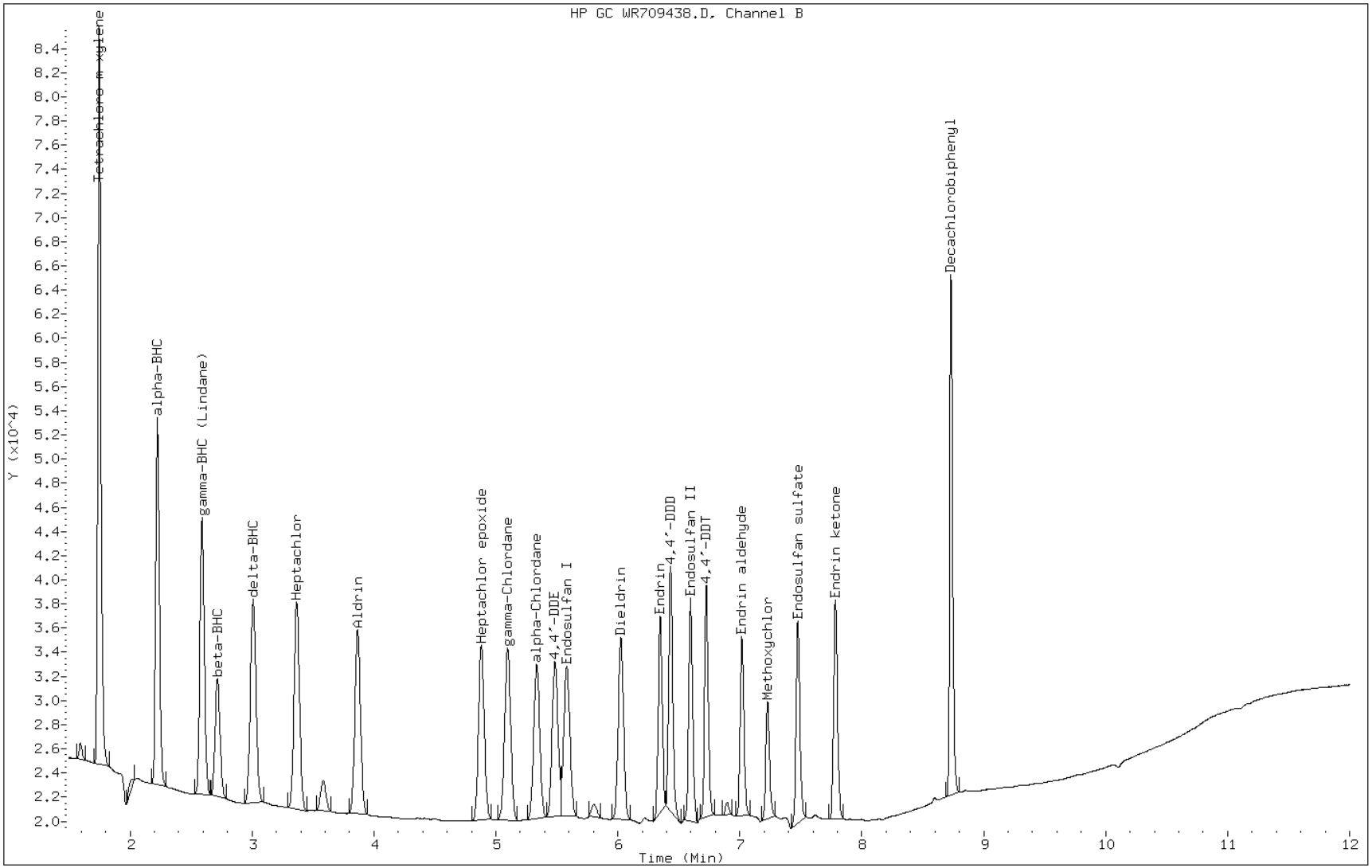
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.730	8.733	-0.003	71438	25.0000	24	80.00- 120.00	100.00

Data File: WR709438.D

Date: 27-FEB-2013 06:44

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL1_00016 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/WR709439.D
Lab Smp Id: SGPESTL2_00014
Inj Date : 27-FEB-2013 06:57
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL2_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/08Wr8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
1.747	1.747	0.000	234495	50.0000	53	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.223	2.223	0.000	311667	50.0000	52	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
2.587	2.590	-0.003	283150	50.0000	52	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
2.713	2.717	-0.004	131938	50.0000	52	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
3.007	3.010	-0.003	278781	50.0000	52	80.00- 120.00		100.00

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
3.363	3.367	-0.004	260603	50.0000	53	80.00- 120.00	100.00
1 Aldrin						CAS #: 72-55-9	
3.863	3.867	-0.004	251715	50.0000	52	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
4.877	4.883	-0.006	230597	50.0000	52	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
5.093	5.100	-0.007	236092	50.0000	52	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
5.333	5.337	-0.004	230006	50.0000	53	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
5.483	5.487	-0.004	219833	50.0000	52	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
5.580	5.583	-0.003	218591	50.0000	53	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
6.023	6.027	-0.004	229337	50.0000	52	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
6.347	6.350	-0.003	196623	50.0000	54	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.430	6.433	-0.003	178661	50.0000	49	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
6.597	6.597	0.000	186083	50.0000	52	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
6.723	6.727	-0.004	186451	50.0000	51	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.017	7.017	0.000	148626	50.0000	52	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.227	7.230	-0.003	96798	50.0000	52	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.477	7.477	0.000	170700	50.0000	52	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
7.783	7.787	-0.004	187114	50.0000	52	80.00- 120.00	100.00

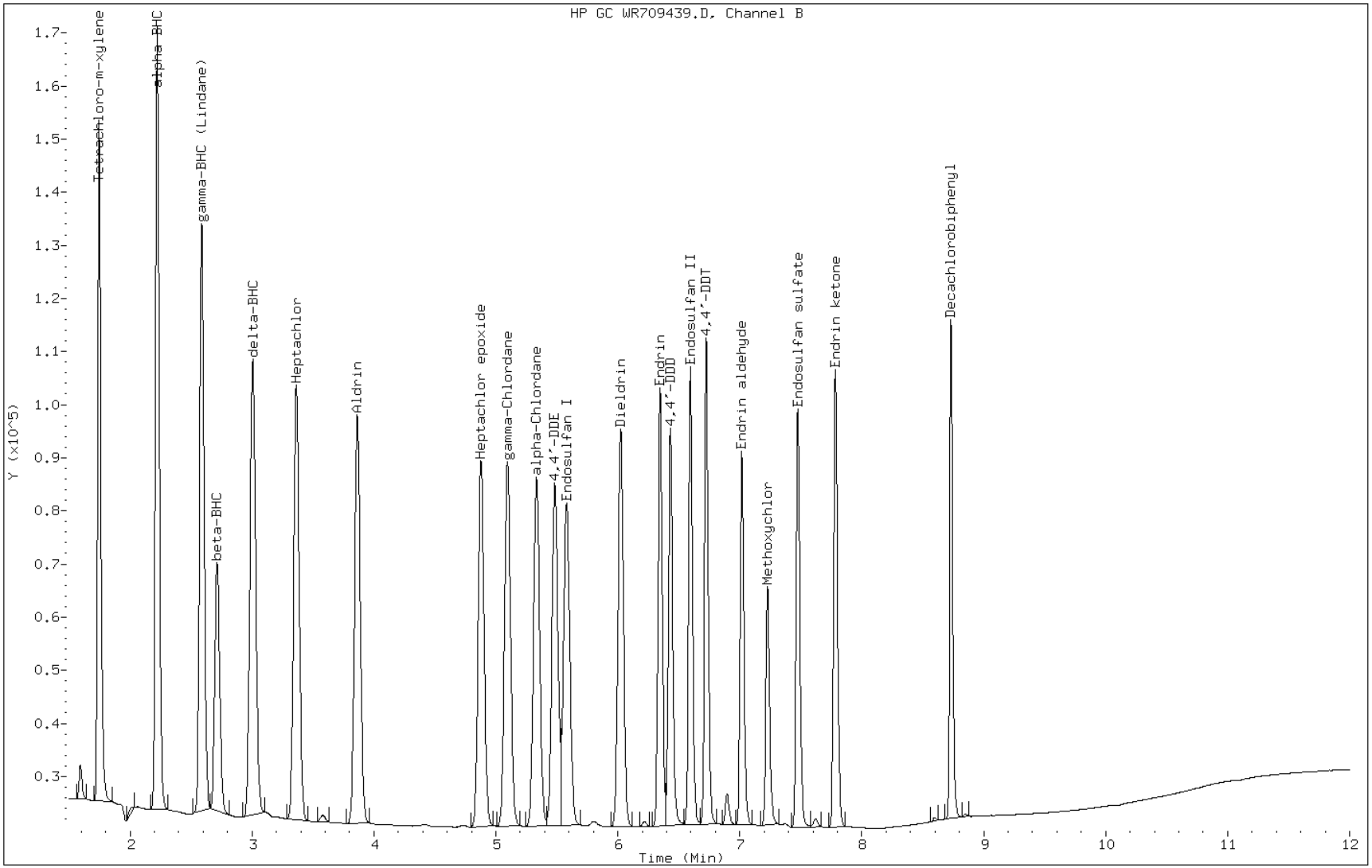
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.730	8.733	-0.003	155507	50.0000	53	80.00- 120.00	100.00

Data File: WR709439.D

Date: 27-FEB-2013 06:57

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL2_00014 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/WR709440.D
Lab Smp Id: SGPESTL4_00015
Inj Date : 27-FEB-2013 07:11
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL4_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/08Wr8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.747	1.747	0.000	632525	150.000	140	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.223	2.223	0.000	1397571	250.000	230	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.590	2.590	0.000	1286861	250.000	240	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.717	2.717	0.000	610038	250.000	240	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.010	3.010	0.000	1277321	250.000	240	80.00- 120.00	100.00

				AMOUNTS				
					CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE		(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8		
3.367	3.367	0.000	1133282		250.000	230	80.00- 120.00	100.00
1 Aldrin						CAS #: 72-55-9		
3.867	3.867	0.000	1135923		250.000	240	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.880	4.883	-0.003	1018232		250.000	230	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.097	5.100	-0.003	1074641		250.000	240	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.333	5.337	-0.004	1035147		250.000	240	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.483	5.487	-0.004	1020477		250.000	240	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8		
5.580	5.583	-0.003	974710		250.000	230	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1		
6.023	6.027	-0.004	1032944		250.000	240	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8		
6.347	6.350	-0.003	870015		250.000	240	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.430	6.433	-0.003	820244		250.000	220	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.597	6.597	0.000	822006		250.000	230	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.723	6.727	-0.004	856802		250.000	240	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.017	7.017	0.000	661211		250.000	230	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5		
7.227	7.230	-0.003	430984		250.000	230	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.477	7.477	0.000	743872		250.000	230	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.783	7.787	-0.004	823058		250.000	230	80.00- 120.00	100.00

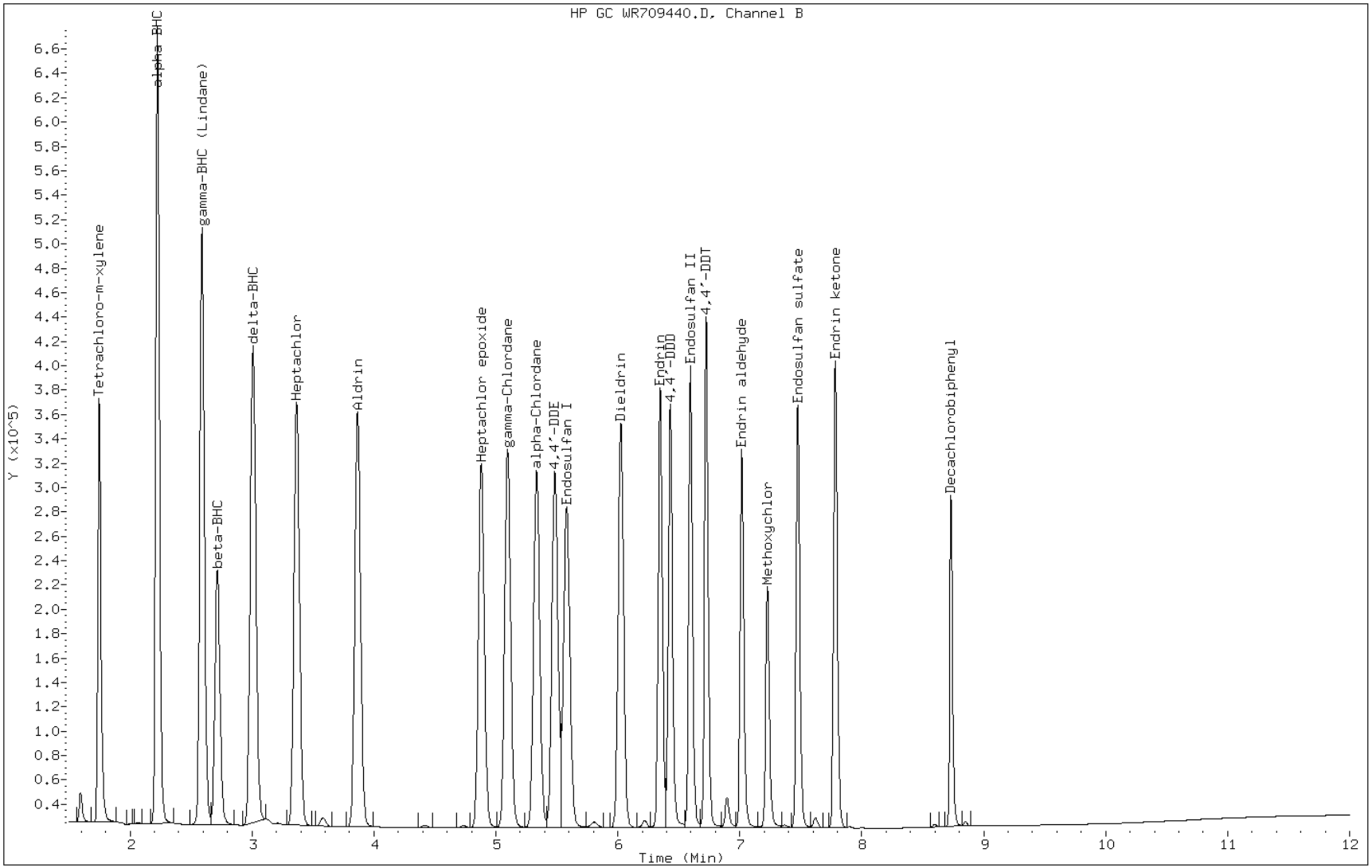
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.730	8.733	-0.003	436105	150.000	150	80.00- 120.00	100.00

Data File: WR709440.D

Date: 27-FEB-2013 07:11

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL4_00015 Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/WR709441.D
Lab Smp Id: SGPESTL5_00013
Inj Date : 27-FEB-2013 07:25
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL5_00013
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/08Wr8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
1.747	1.747	0.000	853252	200.000	190	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.223	2.223	0.000	2818576	500.000	470	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
2.587	2.590	-0.003	2502795	500.000	460	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
2.713	2.717	-0.004	1165624	500.000	460	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
3.007	3.010	-0.003	2469495	500.000	460	80.00- 120.00		100.00

				AMOUNTS				
					CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE		(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8		
3.363	3.367	-0.004	2125550	500.000		430	80.00- 120.00	100.00
1 Aldrin						CAS #: 72-55-9		
3.863	3.867	-0.004	2174041	500.000		450	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.877	4.883	-0.006	1918507	500.000		440	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.093	5.100	-0.007	2068884	500.000		450	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.333	5.337	-0.004	1987108	500.000		460	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.483	5.487	-0.004	1971327	500.000		460	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8		
5.580	5.583	-0.003	1816417	500.000		440	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1		
6.023	6.027	-0.004	1962010	500.000		450	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8		
6.347	6.350	-0.003	1652311	500.000		450	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.430	6.433	-0.003	1585627	500.000		440	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.593	6.597	-0.004	1566899	500.000		440	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.723	6.727	-0.004	1669428	500.000		460	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.017	7.017	0.000	1264153	500.000		440	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5		
7.227	7.230	-0.003	812183	500.000		430	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.477	7.477	0.000	1421869	500.000		440	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.783	7.787	-0.004	1588713	500.000		440	80.00- 120.00	100.00

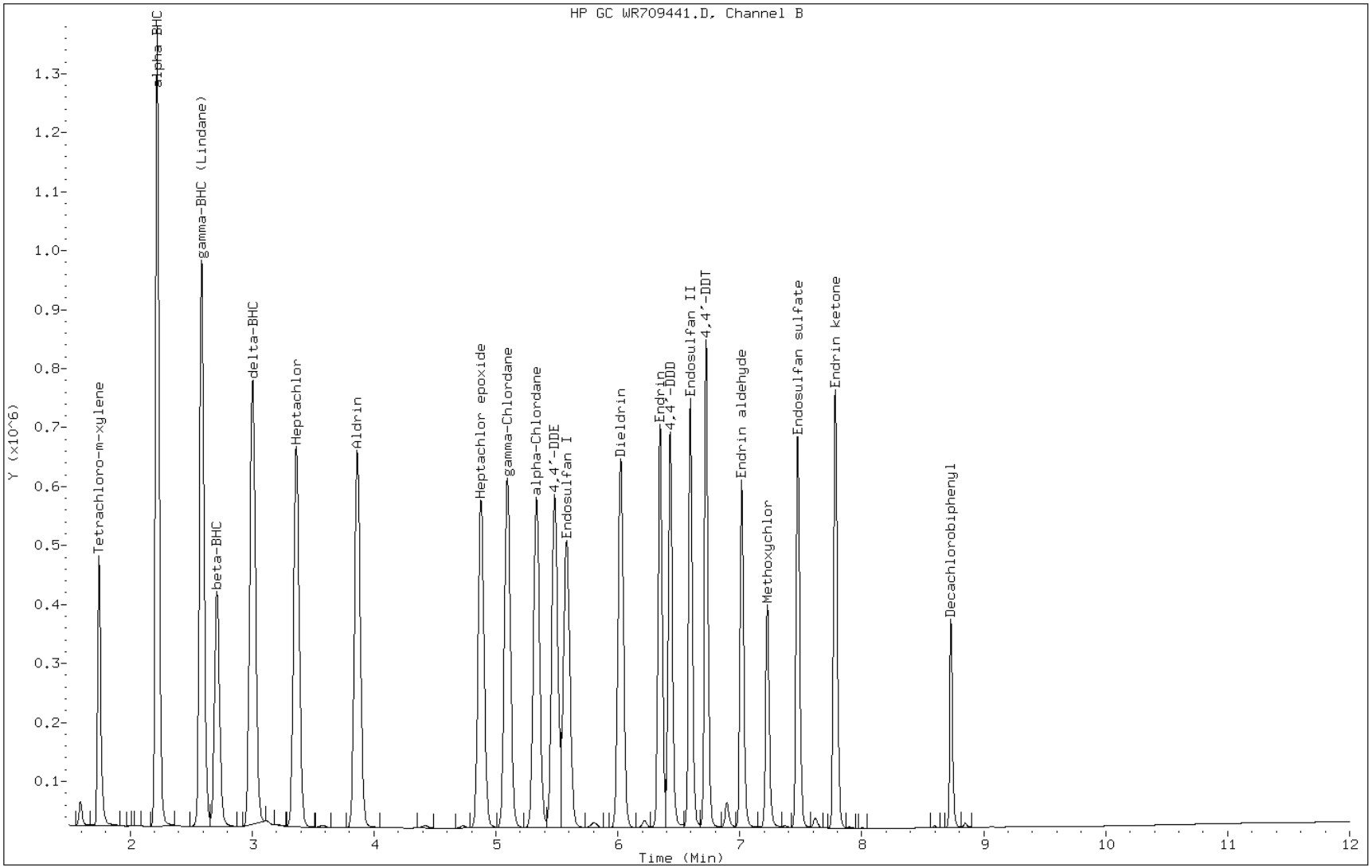
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.730	8.733	-0.003	560221	200.000	190	80.00- 120.00	100.00

Data File: WR709441.D

Date: 27-FEB-2013 07:25

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL5_00013 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:39 Calibration End Date: 02/27/2013 07:39 Calibration ID: 20493

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/9	WF709442.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.177										4.107 - 4.247	4.177
Chlordane (technical) Peak 2	4.443										4.373 - 4.513	4.443
Chlordane (technical) Peak 3	5.337										5.267 - 5.407	5.337
Chlordane (technical) Peak 4	6.417										6.347 - 6.487	6.417
Chlordane (technical) Peak 5	6.527										6.457 - 6.597	6.527
Chlordane (technical) Peak 6	6.583										6.513 - 6.653	6.583
Chlordane (technical) Peak 7	7.350										7.280 - 7.420	7.350
Chlordane (technical) Peak 8	7.550										7.480 - 7.620	7.550

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:39 Calibration End Date: 02/27/2013 07:39 Calibration ID: 20493

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/9	WF709442.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	198.22				Ave		198.222000						20.0			
Chlordane (technical) Peak	217.35				Ave		217.345000						20.0			
Chlordane (technical) Peak	189.08				Ave		189.081000						20.0			
Chlordane (technical) Peak	484.66				Ave		484.660000						20.0			
Chlordane (technical) Peak	388.63				Ave		388.626000						20.0			
Chlordane (technical) Peak	405.23				Ave		405.229000						20.0			
Chlordane (technical) Peak	86.191				Ave		86.1910000						20.0			
Chlordane (technical) Peak	140.58				Ave		140.583000						20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:39 Calibration End Date: 02/27/2013 07:39 Calibration ID: 20493

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/9	WF709442.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	198222					1000				
Chlordane (technical) Peak 2	Ave	217345					1000				
Chlordane (technical) Peak 3	Ave	189081					1000				
Chlordane (technical) Peak 4	Ave	484660					1000				
Chlordane (technical) Peak 5	Ave	388626					1000				
Chlordane (technical) Peak 6	Ave	405229					1000				
Chlordane (technical) Peak 7	Ave	86191					1000				
Chlordane (technical) Peak 8	Ave	140583					1000				

Curve Type Legend:
Ave = Average

Data File: WF709442.D
Report Date: 27-Feb-2013 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/WF709442.D
Lab Smp Id: SGCHOL3_00011
Inj Date : 27-FEB-2013 07:39
Operator : Inst ID: PESTGC4.i
Smp Info : SGCHOL3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/08Wf8081.m
Meth Date : 27-Feb-2013 13:30 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:39 Cal File: WF709442.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CHLOR.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
6 Chlordane					CAS #: 57-74-9			
4.177	4.177	0.000	198222	1000.00	1000	80.00-	120.00	100.00
4.443	4.443	0.000	217345	1000.00	1000	87.72-	131.58	109.65
5.337	5.337	0.000	189081	1000.00	1000	76.31-	114.47	95.39
6.417	6.417	0.000	484660	1000.00	1000	195.60-	293.40	244.50
6.527	6.527	0.000	388626	1000.00	1000	156.84-	235.27	196.06
6.583	6.583	0.000	405229	1000.00	1000	163.55-	245.32	204.43
7.350	7.350	0.000	86191	1000.00	1000	34.79-	52.18	43.48
7.550	7.550	0.000	140583	1000.00	1000	56.74-	85.11	70.92
Average of Peak Amounts =					1e+03			

Data File: WF709442.D

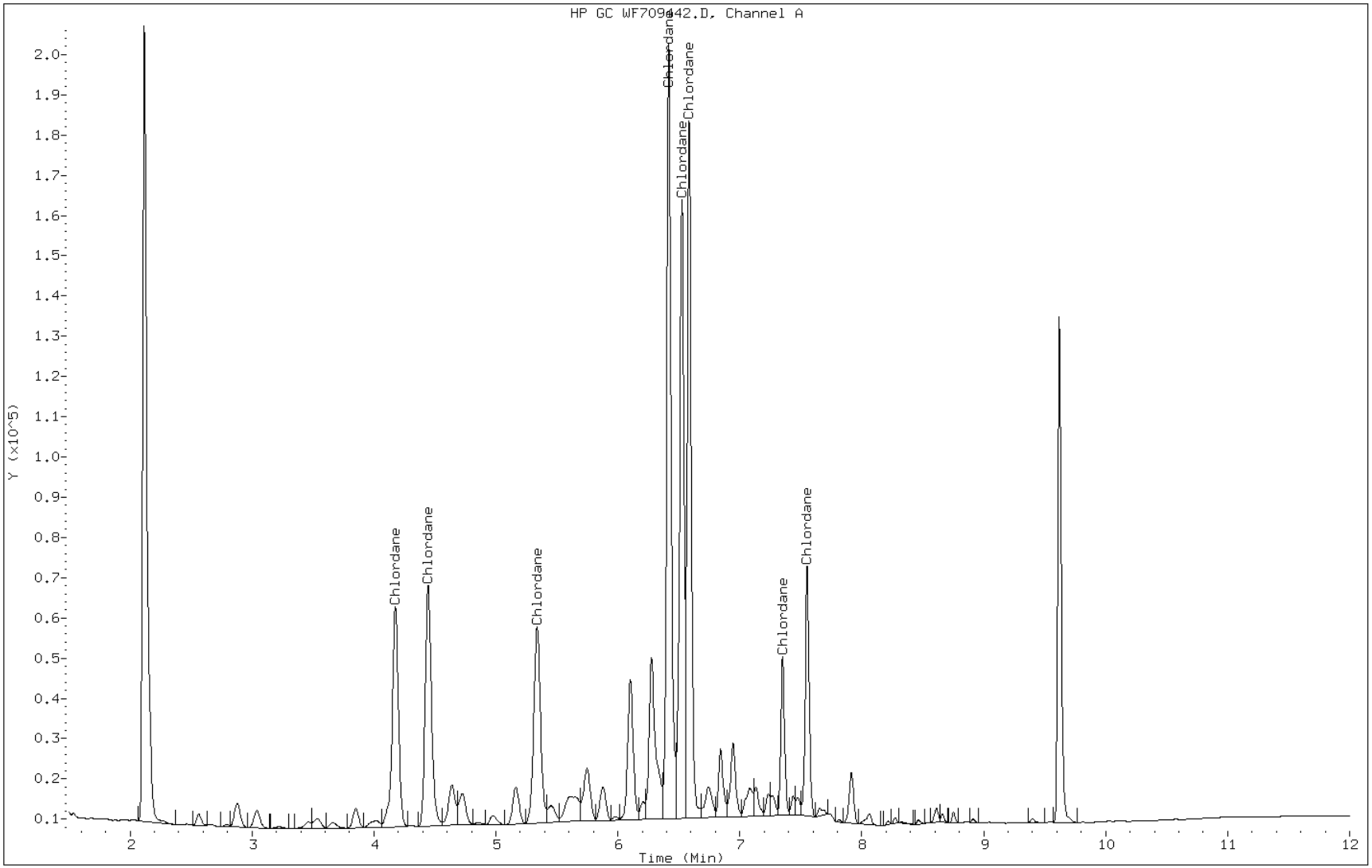
Date: 27-FEB-2013 07:39

Client ID:

Instrument: PESTGC4.i

Sample Info: SGCHOL3_00011

Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:39 Calibration End Date: 02/27/2013 07:39 Calibration ID: 20490

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/9	WR709442.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.233										3.163 - 3.303	3.233
Chlordane (technical) Peak 2	3.363										3.293 - 3.433	3.363
Chlordane (technical) Peak 3	4.097										4.027 - 4.167	4.097
Chlordane (technical) Peak 4	4.770										4.700 - 4.840	4.770
Chlordane (technical) Peak 5	5.097										5.027 - 5.167	5.097
Chlordane (technical) Peak 6	5.320										5.250 - 5.390	5.320
Chlordane (technical) Peak 7	6.390										6.320 - 6.460	6.390
Chlordane (technical) Peak 8	6.527										6.457 - 6.597	6.527

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:39 Calibration End Date: 02/27/2013 07:39 Calibration ID: 20490

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/9	WR709442.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	192.92				Ave		192.916000						20.0			
Chlordane (technical) Peak	258.35				Ave		258.354000						20.0			
Chlordane (technical) Peak	206.20				Ave		206.195000						20.0			
Chlordane (technical) Peak	101.77				Ave		101.767000						20.0			
Chlordane (technical) Peak	592.16				Ave		592.161000						20.0			
Chlordane (technical) Peak	905.24				Ave		905.239000						20.0			
Chlordane (technical) Peak	115.56				Ave		115.556000						20.0			
Chlordane (technical) Peak	172.94				Ave		172.937000						20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:39 Calibration End Date: 02/27/2013 07:39 Calibration ID: 20490

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/9	WR709442.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	192916					1000				
Chlordane (technical) Peak 2	Ave	258354					1000				
Chlordane (technical) Peak 3	Ave	206195					1000				
Chlordane (technical) Peak 4	Ave	101767					1000				
Chlordane (technical) Peak 5	Ave	592161					1000				
Chlordane (technical) Peak 6	Ave	905239					1000				
Chlordane (technical) Peak 7	Ave	115556					1000				
Chlordane (technical) Peak 8	Ave	172937					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/WR709442.D
Lab Smp Id: SGCHOL3_00011
Inj Date : 27-FEB-2013 07:39
Operator : Inst ID: PESTGC4.i
Smp Info : SGCHOL3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/08Wr8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CHLOR.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

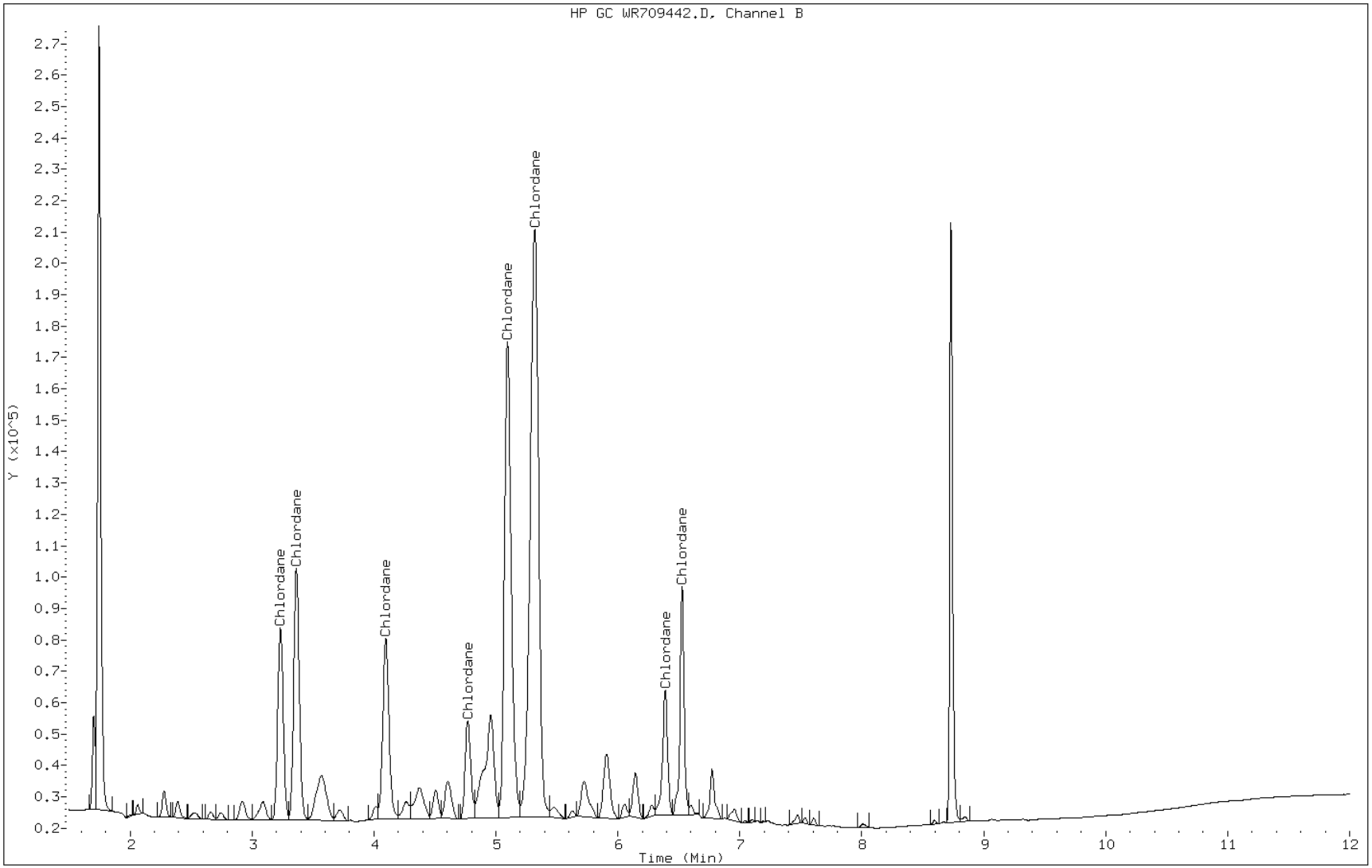
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
6 Chlordane					CAS #: 57-74-9		
3.233	3.233	0.000	192916	1000.00	1000	80.00- 120.00	100.00
3.363	3.363	0.000	258354	1000.00	1000	107.14- 160.70	133.92
4.097	4.097	0.000	206195	1000.00	1000	85.51- 128.26	106.88
4.770	4.770	0.000	101767	1000.00	1000	42.20- 63.30	52.75
5.097	5.097	0.000	592161	1000.00	1000	245.56- 368.34	306.95
5.320	5.320	0.000	905239	1000.00	1000	375.39- 563.09	469.24
6.390	6.390	0.000	115556	1000.00	1000	47.92- 71.88	59.90
6.527	6.527	0.000	172937	1000.00	1000	71.71- 107.57	89.64
Average of Peak Amounts =					1e+03		

Data File: WR709442.D

Date: 27-FEB-2013 07:39

Client ID: Instrument: PESTGC4.i

Sample Info: SGCHOL3_00011 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:53 Calibration End Date: 02/27/2013 07:53 Calibration ID: 20494

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/10	WF709443.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.197										7.127 - 7.267	7.197
Toxaphene Peak 2	7.587										7.517 - 7.657	7.587
Toxaphene Peak 3	7.887										7.817 - 7.957	7.887
Toxaphene Peak 4	7.987										7.917 - 8.057	7.987
Toxaphene Peak 5	8.423										8.353 - 8.493	8.423
Toxaphene Peak 6	8.480										8.410 - 8.550	8.480
Toxaphene Peak 7	8.730										8.660 - 8.800	8.730
Toxaphene Peak 8	8.860										8.790 - 8.930	8.860

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:53 Calibration End Date: 02/27/2013 07:53 Calibration ID: 20494

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/10	WF709443.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	174.32				Ave		174.323000						20.0			
Toxaphene Peak 2	171.34				Ave		171.336000						20.0			
Toxaphene Peak 3	147.47				Ave		147.468000						20.0			
Toxaphene Peak 4	148.42				Ave		148.424000						20.0			
Toxaphene Peak 5	219.37				Ave		219.366000						20.0			
Toxaphene Peak 6	304.94				Ave		304.941000						20.0			
Toxaphene Peak 7	142.13				Ave		142.132000						20.0			
Toxaphene Peak 8	177.63				Ave		177.634000						20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:53 Calibration End Date: 02/27/2013 07:53 Calibration ID: 20494

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/10	WF709443.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	174323					1000				
Toxaphene Peak 2	Ave	171336					1000				
Toxaphene Peak 3	Ave	147468					1000				
Toxaphene Peak 4	Ave	148424					1000				
Toxaphene Peak 5	Ave	219366					1000				
Toxaphene Peak 6	Ave	304941					1000				
Toxaphene Peak 7	Ave	142132					1000				
Toxaphene Peak 8	Ave	177634					1000				

Curve Type Legend:
Ave = Average

Data File: WF709443.D
Report Date: 27-Feb-2013 13:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/WF709443.D
Lab Smp Id: SGTOXL3_00014
Inj Date : 27-FEB-2013 07:53
Operator : Inst ID: PESTGC4.i
Smp Info : SGTOXL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Feb13/02-27-13aical/27feb13a.b/08Wf8081.m
Meth Date : 27-Feb-2013 13:30 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

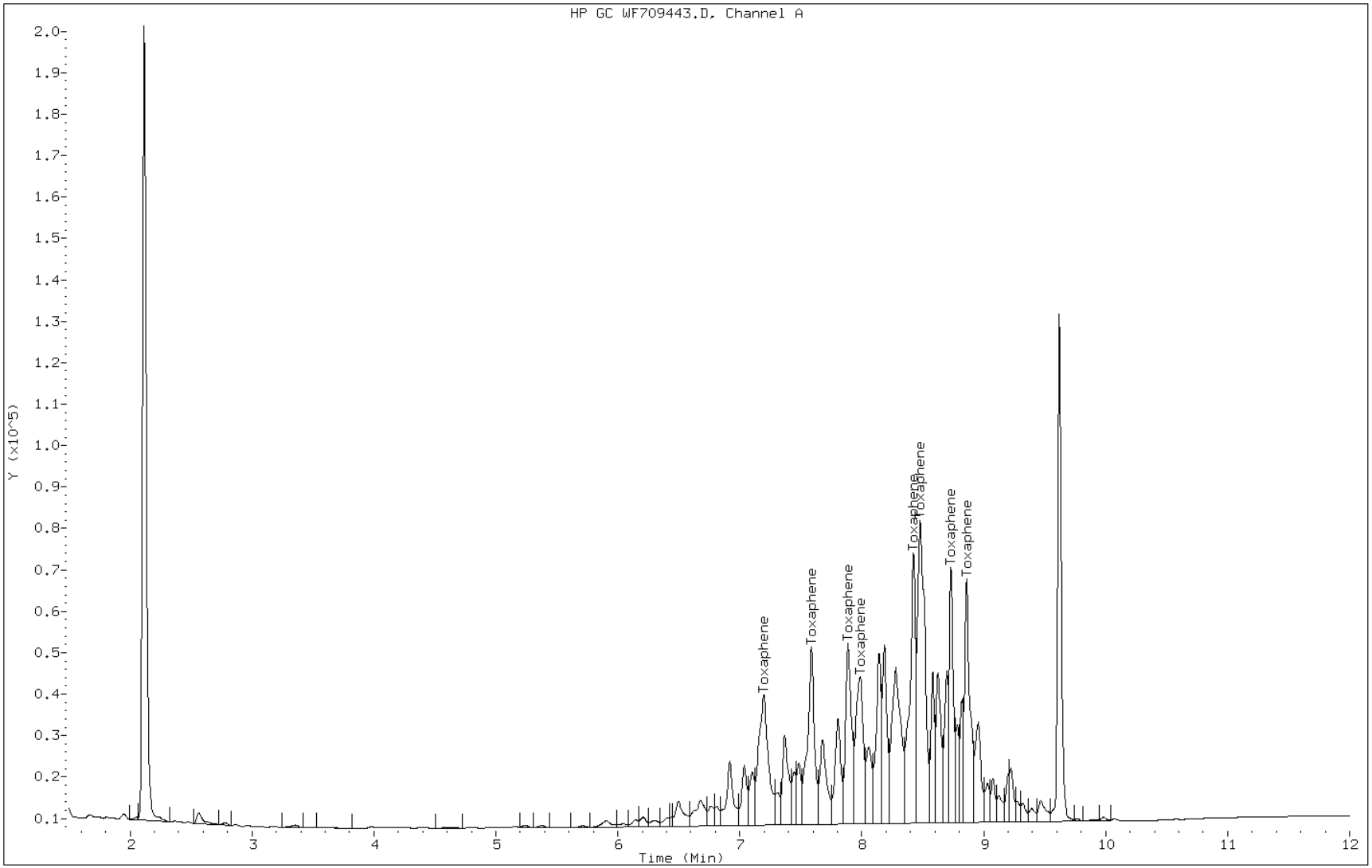
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
20 Toxaphene					CAS #: 8001-35-2		
7.197	7.197	0.000	174323	1000.00	1000	80.00- 120.00	100.00
7.587	7.587	0.000	171336	1000.00	1000	78.63- 117.94	98.29
7.887	7.887	0.000	147468	1000.00	1000	67.68- 101.51	84.59
7.987	7.987	0.000	148424	1000.00	1000	68.11- 102.17	85.14
8.423	8.423	0.000	219366	1000.00	1000	100.67- 151.01	125.84
8.480	8.480	0.000	304941	1000.00	1000	139.94- 209.91	174.93
8.730	8.730	0.000	142132	1000.00	1000	65.23- 97.84	81.53
8.860	8.860	0.000	177634	1000.00	1000	81.52- 122.28	101.90
Average of Peak Amounts =					1e+03		

Data File: WF709443.D

Date: 27-FEB-2013 07:53

Client ID: Instrument: PESTGC4.i

Sample Info: SGTOXL3_00014 Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:53 Calibration End Date: 02/27/2013 07:53 Calibration ID: 20492

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/10	WR709443.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.657										6.587 - 6.727	6.657
Toxaphene Peak 2	6.933										6.863 - 7.003	6.933
Toxaphene Peak 3	6.993										6.923 - 7.063	6.993
Toxaphene Peak 4	7.127										7.057 - 7.197	7.127
Toxaphene Peak 5	7.370										7.300 - 7.440	7.370
Toxaphene Peak 6	7.467										7.397 - 7.537	7.467
Toxaphene Peak 7	7.767										7.697 - 7.837	7.767
Toxaphene Peak 8	7.937										7.867 - 8.007	7.937

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:53 Calibration End Date: 02/27/2013 07:53 Calibration ID: 20492

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/10	WR709443.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	145.35				Ave		145.346000						20.0			
Toxaphene Peak 2	213.71				Ave		213.712000						20.0			
Toxaphene Peak 3	194.52				Ave		194.519000						20.0			
Toxaphene Peak 4	263.93				Ave		263.928000						20.0			
Toxaphene Peak 5	202.96				Ave		202.960000						20.0			
Toxaphene Peak 6	334.76				Ave		334.756000						20.0			
Toxaphene Peak 7	181.24				Ave		181.244000						20.0			
Toxaphene Peak 8	121.53				Ave		121.532000						20.0			

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

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-51333-1 Analy Batch No.: 148913

SDG No.:

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/27/2013 07:53 Calibration End Date: 02/27/2013 07:53 Calibration ID: 20492

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-148913/10	WR709443.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	145346					1000				
Toxaphene Peak 2	Ave	213712					1000				
Toxaphene Peak 3	Ave	194519					1000				
Toxaphene Peak 4	Ave	263928					1000				
Toxaphene Peak 5	Ave	202960					1000				
Toxaphene Peak 6	Ave	334756					1000				
Toxaphene Peak 7	Ave	181244					1000				
Toxaphene Peak 8	Ave	121532					1000				

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/WR709443.D
Lab Smp Id: SGTOXL3_00014
Inj Date : 27-FEB-2013 07:53
Operator : Inst ID: PESTGC4.i
Smp Info : SGTOXL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b/08Wr8081.m
Meth Date : 27-Feb-2013 08:48 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

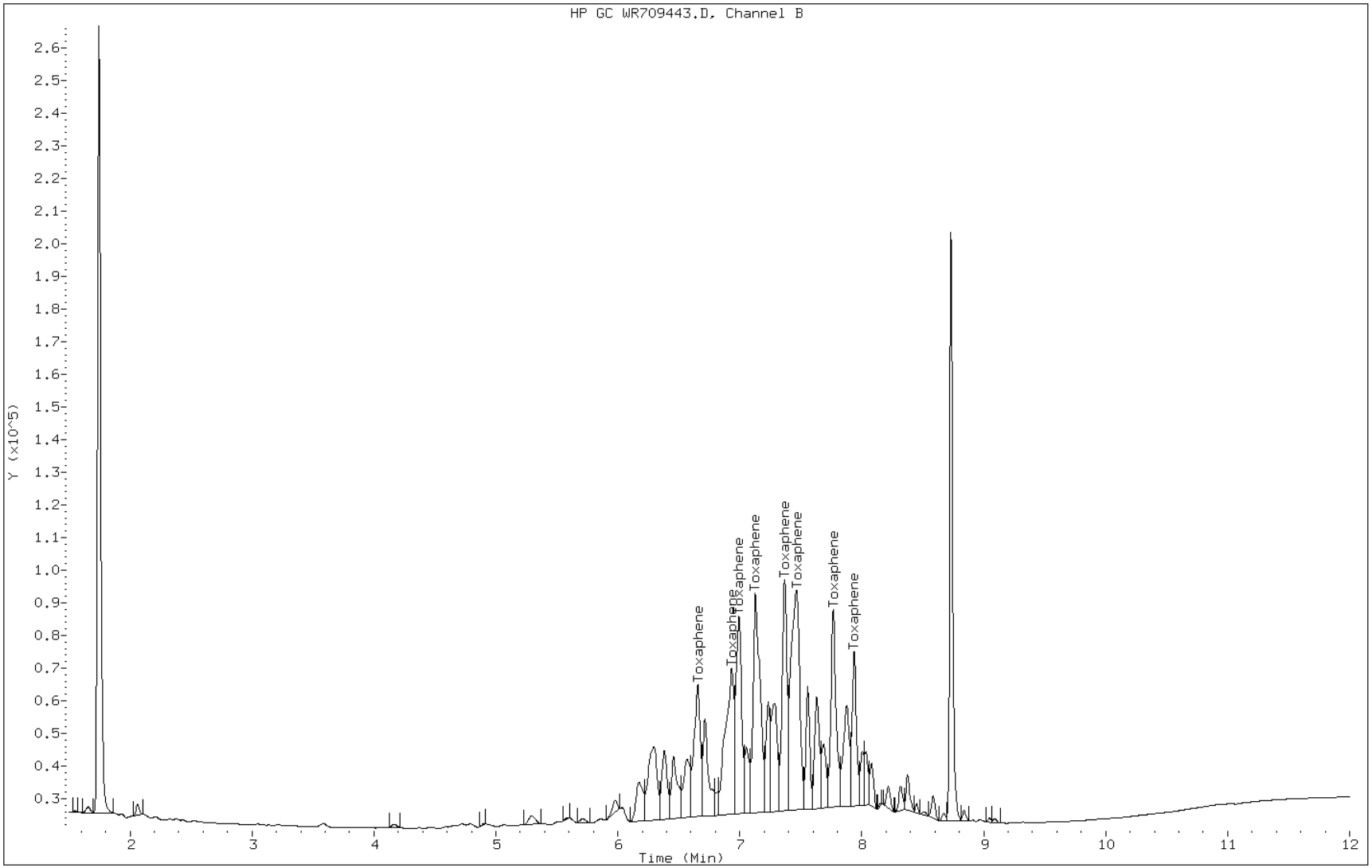
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
20 Toxaphene					CAS #: 8001-35-2			
6.657	6.657	0.000	145346	1000.00	1000	80.00-	120.00	100.00
6.933	6.933	0.000	213712	1000.00	1000	117.63-	176.44	147.04
6.993	6.993	0.000	194519	1000.00	1000	107.07-	160.60	133.83
7.127	7.127	0.000	263928	1000.00	1000	145.27-	217.90	181.59
7.370	7.370	0.000	202960	1000.00	1000	111.71-	167.57	139.64
7.467	7.467	0.000	334756	1000.00	1000	184.25-	276.38	230.32
7.767	7.767	0.000	181244	1000.00	1000	99.76-	149.64	124.70
7.937	7.937	0.000	121532	1000.00	1000	66.89-	100.34	83.62
Average of Peak Amounts =					1e+03			

Data File: WR709443.D

Date: 27-FEB-2013 07:53

Client ID: Instrument: PESTGC4.i

Sample Info: SGTOXL3_00014 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: PEM 460-149753/3 Calibration Date: 03/05/2013 05:44

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF709963.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.26	733428	7.59	15	
Endrin aldehyde	7.87	29168			
Endrin ketone	8.65	31085			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.72	698285	4.81	15	
4,4'-DDD	7.37	10356			
4,4'-DDE	6.75	24909			

Data File: WF709963.D
Report Date: 05-Mar-2013 11:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/WF709963.D
Lab Smp Id: SGDDT/Ei_00021
Inj Date : 05-MAR-2013 05:44
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00021
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/08Wf8081.m
Meth Date : 05-Mar-2013 07:54 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
7.367	7.363	0.004	10356	3.32528	0.017	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
6.747	6.743	0.004	24909	7.29798	0.036	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
7.717	7.717	0.000	698285	229.606	1.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.260	7.263	-0.003	733428	227.955	1.1	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.873	7.873	0.000	29168	11.7258	0.059	80.00- 120.00	100.00

Data File: WF709963.D
Report Date: 05-Mar-2013 11:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.653	8.653	0.000	31085	11.1764	0.056	80.00- 120.00	100.00

QC Flag Legend

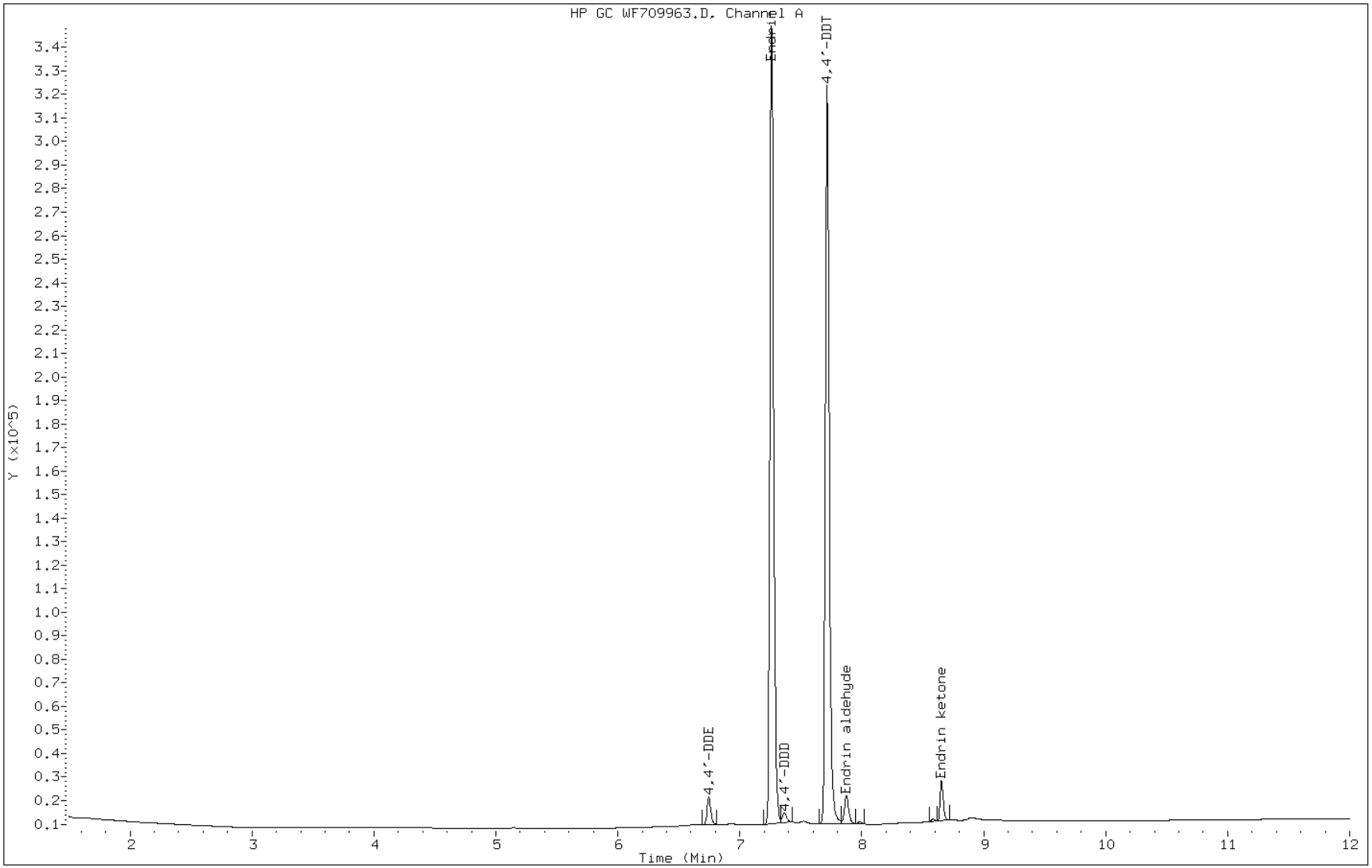
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF709963.D

Date: 05-MAR-2013 05:44

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00021 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: PEM 460-149753/3 Calibration Date: 03/05/2013 05:44

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR709963.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.34	852387	7.05	15	
Endrin aldehyde	7.01	29874			
Endrin ketone	7.78	34795			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.72	828451	4.94	15	
4,4'-DDD	6.43	11060			
4,4'-DDE	5.48	32003			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/WR709963.D
Lab Smp Id: SGDDT/Ei_00021
Inj Date : 05-MAR-2013 05:44
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00021
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/08Wr8081.m
Meth Date : 05-Mar-2013 09:27 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
6.430	6.427	0.003	11060	3.04043	0.015	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
5.477	5.477	0.000	32003	7.51926	0.038	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
6.720	6.720	0.000	828451	227.256	1.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.343	6.340	0.003	852387	232.132	1.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.013	7.010	0.003	29874	10.4399	0.052	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
7.780	7.777	0.003	34795	9.71736	0.048	80.00- 120.00	100.00(a)

QC Flag Legend

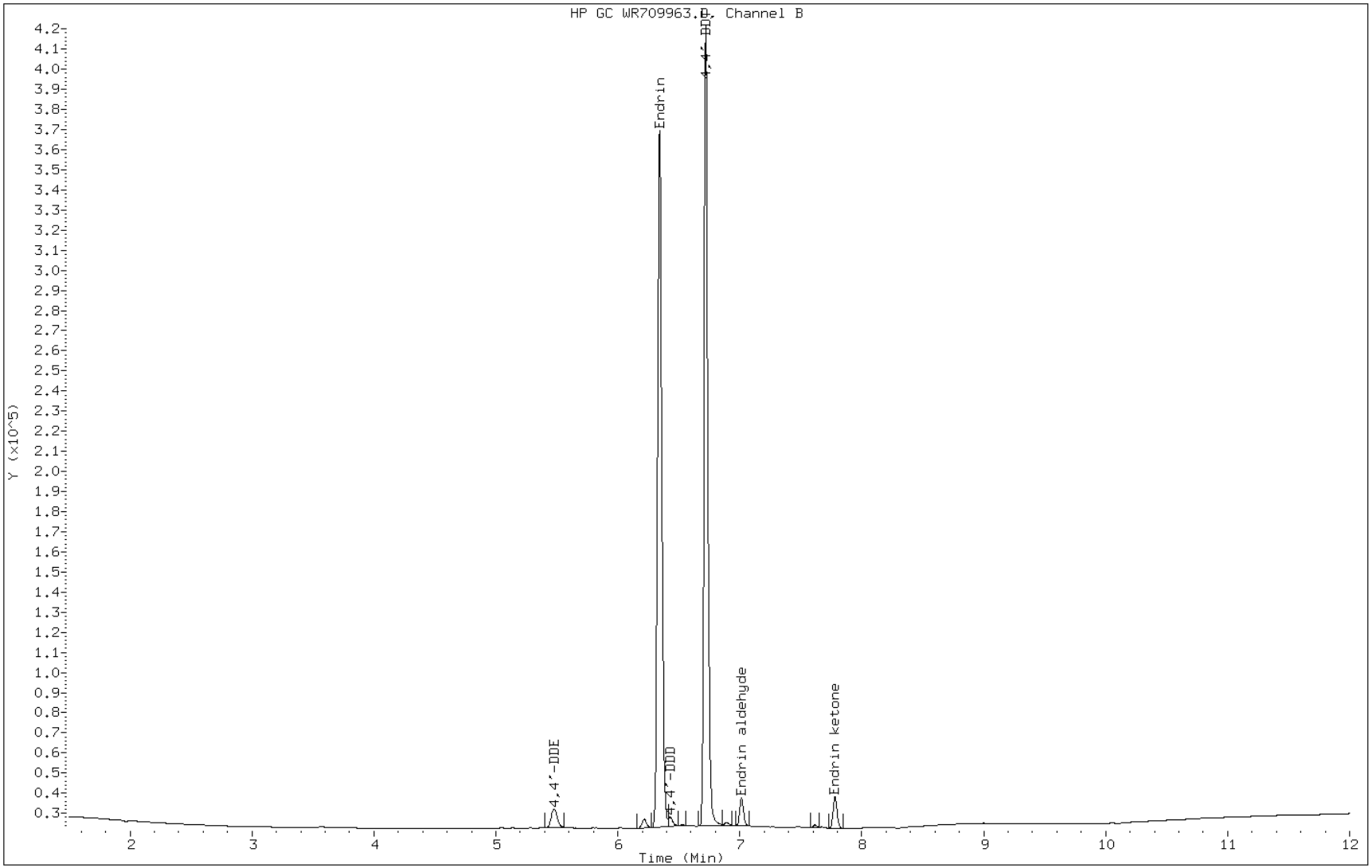
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR709963.D

Date: 05-MAR-2013 05:44

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00021 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: PEM 460-150086/2 Calibration Date: 03/06/2013 19:20

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710116.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.26	738934	13.84	15	
Endrin aldehyde	7.87	46255			
Endrin ketone	8.65	72429			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.71	697757	10.43	15	
4,4'-DDD	7.36	49326			
4,4'-DDE	6.74	31958			

Data File: WF710116.D
Report Date: 07-Mar-2013 07:11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710116.D
Lab Smp Id: SGDDT/Ei_00021
Inj Date : 06-MAR-2013 19:20
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00021
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:11 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
7.363	7.360	0.003	49326	15.8384	0.079	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.743	6.743	0.000	31958	9.36323	0.047	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
7.713	7.713	0.000	697757	229.432	1.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.257	7.260	-0.003	738934	229.666	1.1	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.870	7.870	0.000	46255	18.5950	0.093	80.00- 120.00	100.00

Data File: WF710116.D
Report Date: 07-Mar-2013 07:11

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.650	8.650	0.000	72429	26.0414	0.13	80.00- 120.00	100.00

QC Flag Legend

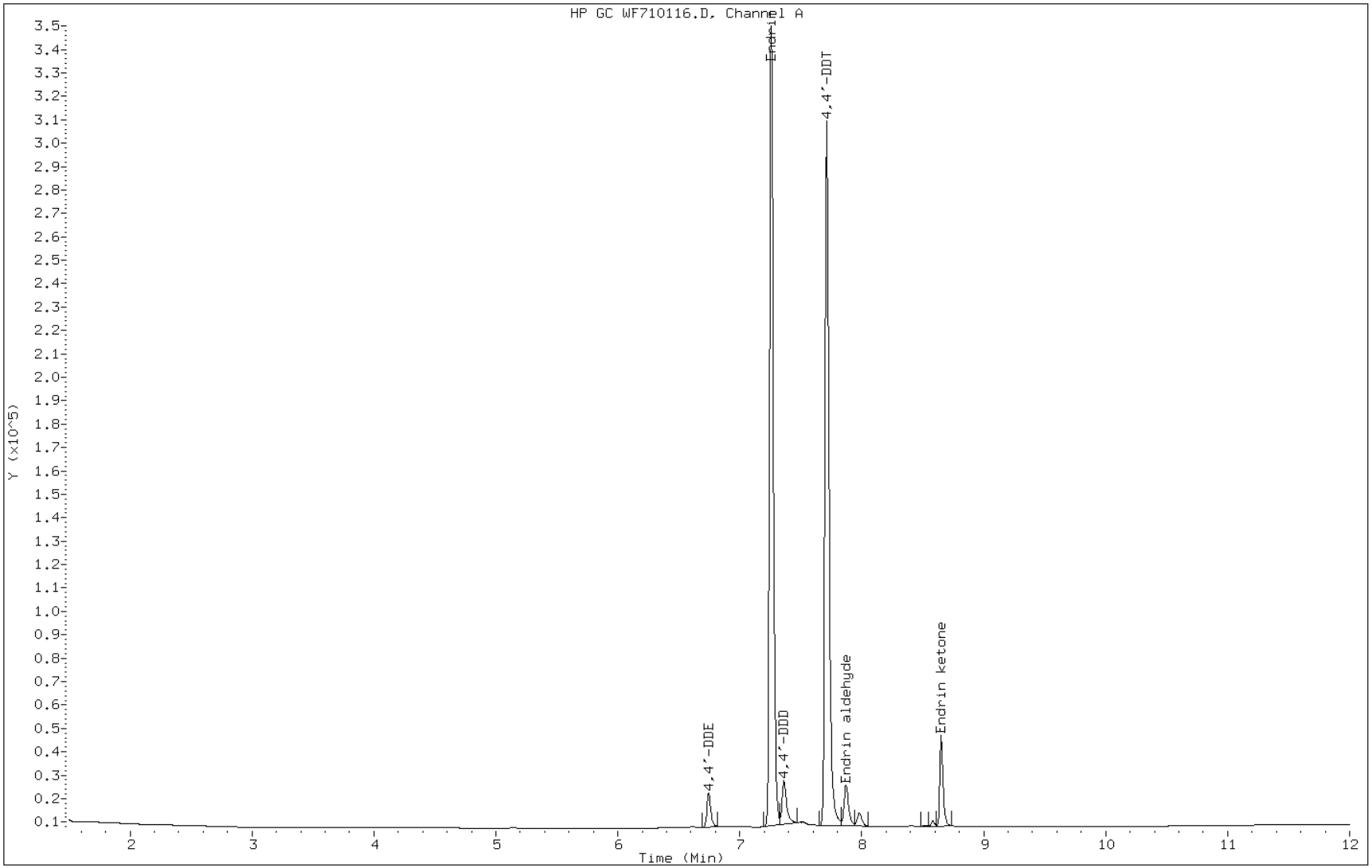
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF710116.D

Date: 06-MAR-2013 19:20

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00021 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: PEM 460-150086/2 Calibration Date: 03/06/2013 19:20

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710116.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.34	882289	12.77	15	
Endrin aldehyde	7.01	46143			
Endrin ketone	7.78	82971			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.72	858598	10.31	15	
4,4'-DDD	6.42	58405			
4,4'-DDE	5.47	40302			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710116.D
Lab Smp Id: SGDDT/Ei_00021
Inj Date : 06-MAR-2013 19:20
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00021
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
6.423	6.423	0.000	58405	16.0557	0.080	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
5.473	5.473	0.000	40302	9.46916	0.047	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
6.717	6.717	0.000	858598	235.525	1.2	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.337	6.337	0.000	882289	240.276	1.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.010	7.007	0.003	46143	16.1253	0.081	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
7.777	7.773	0.004	82971	23.1717	0.12	80.00- 120.00	100.00

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR710116.D

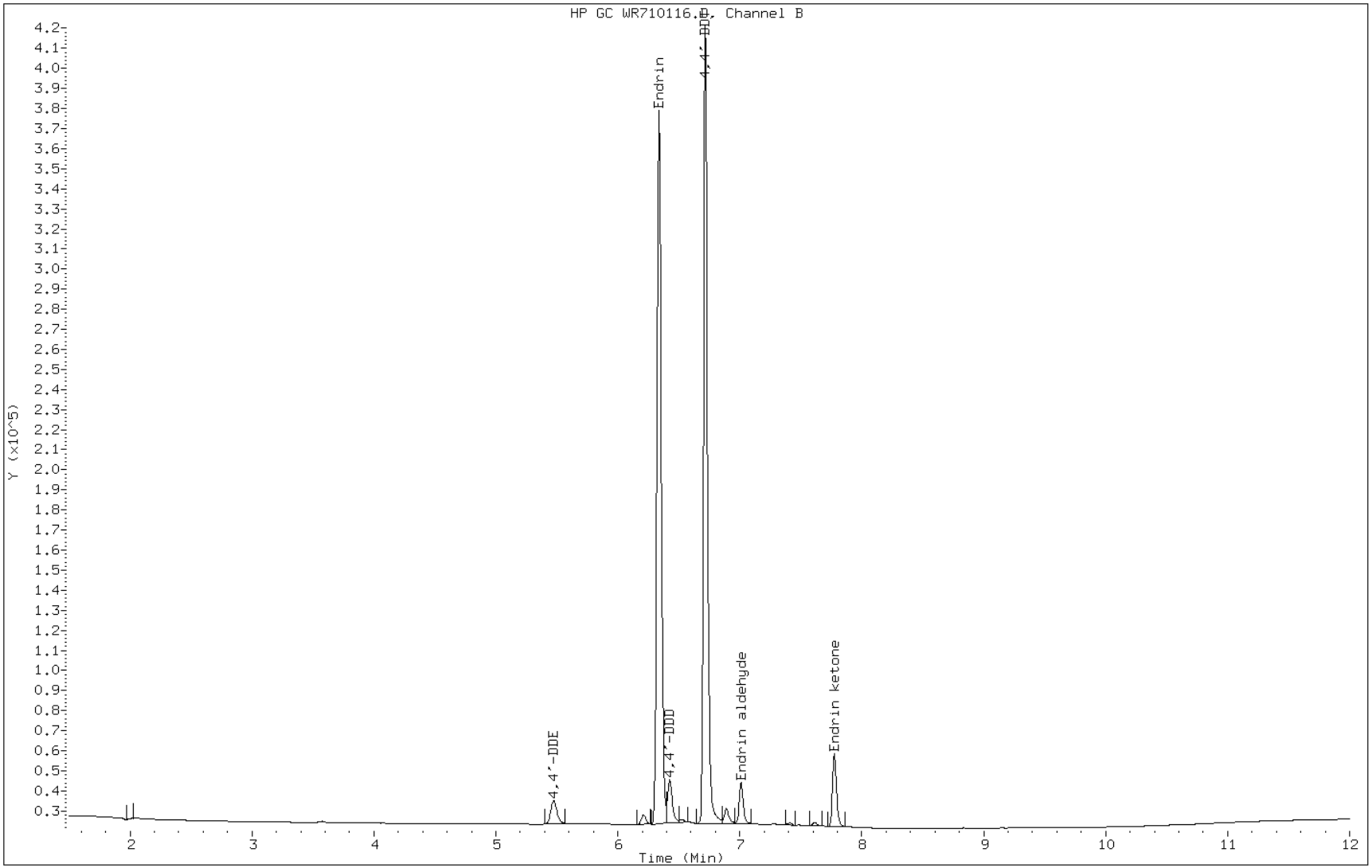
Date: 06-MAR-2013 19:20

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00021

Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: PEM 460-150217/2 Calibration Date: 03/07/2013 09:42

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710177.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.28	738614	11.10	15	
Endrin aldehyde	7.89	33740			
Endrin ketone	8.66	58491			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.73	708388	5.93	15	
4,4'-DDD	7.38	23916			
4,4'-DDE	6.76	20705			

Data File: WF710177.D
Report Date: 08-Mar-2013 06:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710177.D
Lab Smp Id: SGDDT/Ei_00021
Inj Date : 07-MAR-2013 09:42
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00021
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:19 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
7.383	7.357	0.026	23916	7.67936	0.038	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
6.763	6.740	0.023	20705	6.06626	0.030	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
7.733	7.710	0.023	708388	232.928	1.2	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.277	7.257	0.020	738614	229.567	1.1	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.890	7.867	0.023	33740	13.5638	0.068	80.00- 120.00	100.00

Data File: WF710177.D
Report Date: 08-Mar-2013 06:19

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
8.660	8.650	0.010	58491	21.0301	0.10	80.00- 120.00	100.00

QC Flag Legend

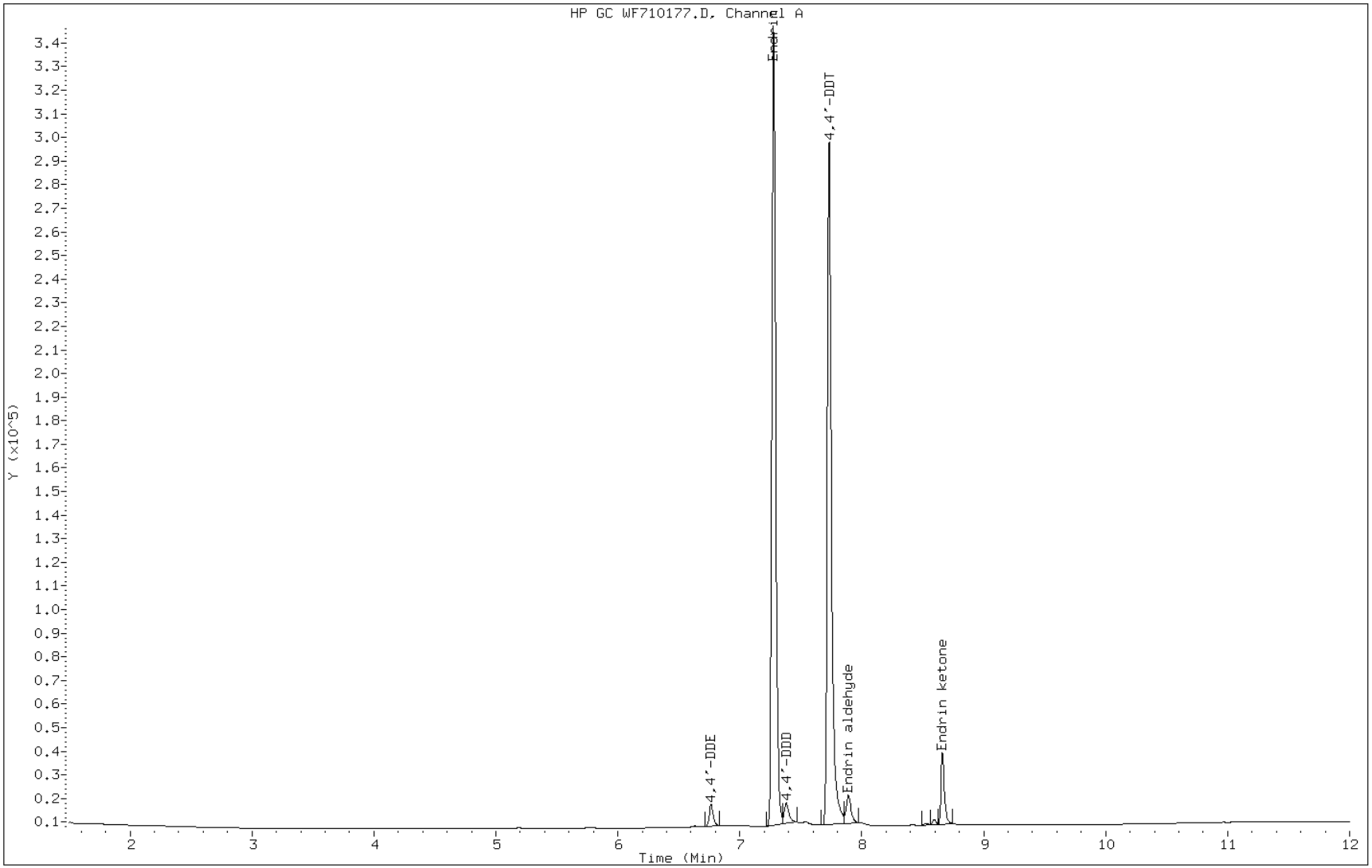
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF710177.D

Date: 07-MAR-2013 09:42

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00021 Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: PEM 460-150217/2 Calibration Date: 03/07/2013 09:42

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710177.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.35	850435	9.93	15	
Endrin aldehyde	7.02	28572			
Endrin ketone	7.78	65236			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.72	825521	6.30	15	
4,4'-DDD	6.43	29406			
4,4'-DDE	5.49	26078			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710177.D
Lab Smp Id: SGDDT/Ei_00021
Inj Date : 07-MAR-2013 09:42
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00021
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
7 4,4'-DDD					CAS #: 72-54-8		
6.433	6.427	0.006	29406	8.08380	0.040	80.00- 120.00	100.00(a)
8 4,4'-DDE					CAS #: 72-55-9		
5.487	5.477	0.010	26078	6.12716	0.031	80.00- 120.00	100.00(a)
9 4,4'-DDT					CAS #: 50-29-3		
6.723	6.720	0.003	825521	226.452	1.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.347	6.343	0.004	850435	231.601	1.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.017	7.010	0.007	28572	9.98485	0.050	80.00- 120.00	100.00

				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
16 Endrin ketone					CAS #: 53494-70-5		
7.783	7.777	0.006	65236	18.2188	0.091	80.00- 120.00	100.00

QC Flag Legend

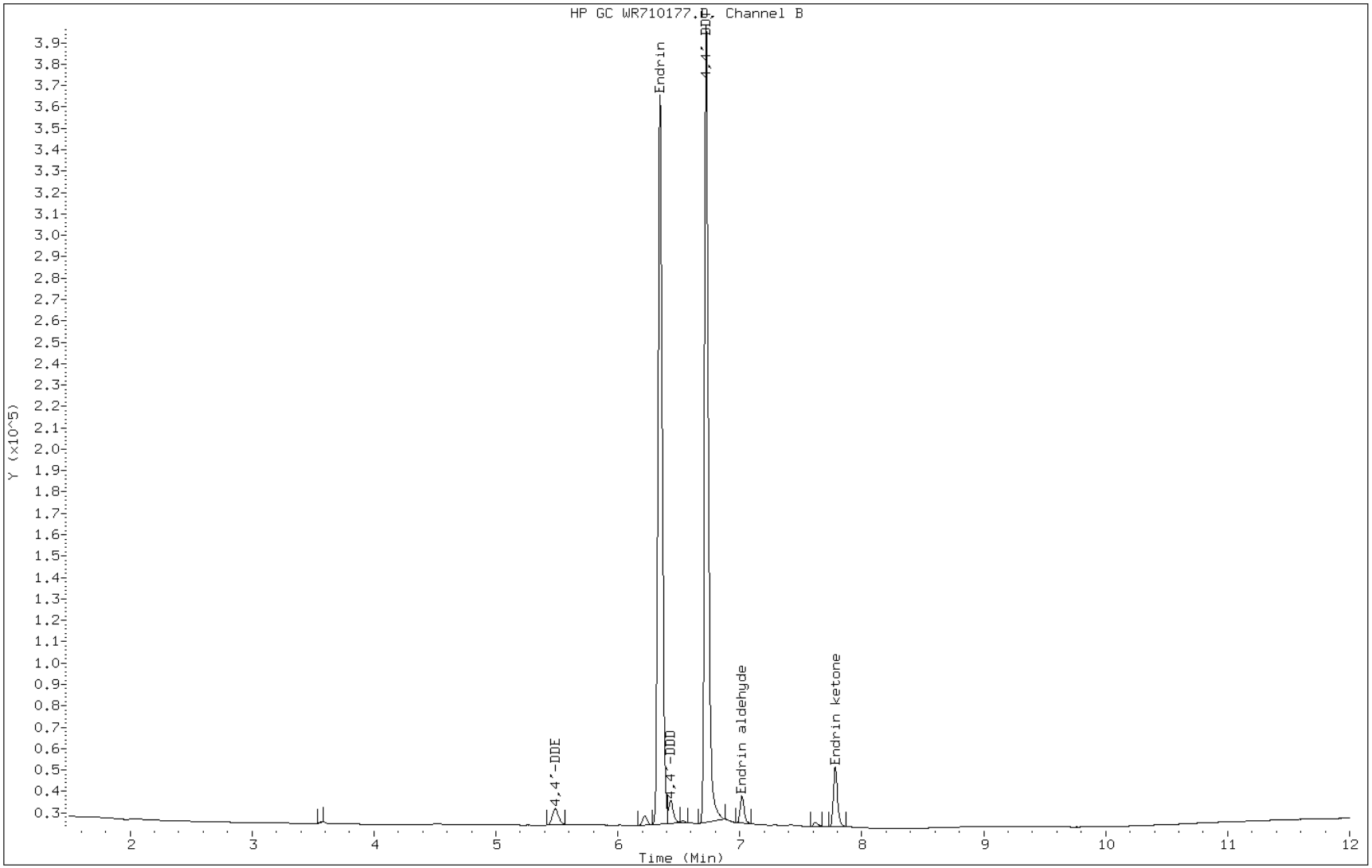
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR710177.D

Date: 07-MAR-2013 09:42

Client ID: Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00021 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-149753/4 Calibration Date: 03/05/2013 05:58

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF709964.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5690	5820		102	100	2.3	15.0
gamma-BHC (Lindane)	Ave	5006	5069		101	100	1.3	15.0
beta-BHC	Ave	2429	2345		96.6	100	-3.4	15.0
delta-BHC	Ave	4793	4744		99.0	100	-1.0	15.0
Heptachlor	Ave	4114	4722		115	100	14.8	15.0
Aldrin	Ave	4503	4780		106	100	6.1	15.0
Heptachlor epoxide	Ave	3944	4127		105	100	4.6	15.0
gamma-Chlordane	Ave	3847	4018		104	100	4.4	15.0
alpha-Chlordane	Ave	3534	3614		102	100	2.3	15.0
Endosulfan I	Ave	3379	3506		104	100	3.8	15.0
4,4'-DDE	Ave	3413	3543		104	100	3.8	15.0
Dieldrin	Ave	3637	3801		105	100	4.5	15.0
Endrin	Ave	3217	3215		99.9	100	-0.0	15.0
4,4'-DDD	Ave	3114	2945		94.6	100	-5.4	15.0
Endosulfan II	Ave	3153	3243		103	100	2.8	15.0
4,4'-DDT	Ave	3041	3146		103	100	3.4	15.0
Endrin aldehyde	Ave	2487	2618		105	100	5.2	15.0
Endosulfan sulfate	Ave	2716	2784		102	100	2.5	15.0
Methoxychlor	Ave	1489	1573		106	100	5.6	15.0
Endrin ketone	Ave	2781	2864		103	100	3.0	15.0
Tetrachloro-m-xylene	Ave	3946	3881		98.4	100	-1.6	15.0
DCB Decachlorobiphenyl	Ave	2429	2498		103	100	2.8	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-149753/4 Calibration Date: 03/05/2013 05:58

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF709964.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.96	2.91	3.01
gamma-BHC (Lindane)	3.61	3.57	3.67
beta-BHC	3.76	3.72	3.82
delta-BHC	4.30	4.26	4.36
Heptachlor	4.43	4.39	4.49
Aldrin	5.05	5.00	5.10
Heptachlor epoxide	6.16	6.09	6.23
gamma-Chlordane	6.41	6.34	6.48
alpha-Chlordane	6.58	6.51	6.65
Endosulfan I	6.65	6.58	6.72
4,4'-DDE	6.74	6.68	6.82
Dieldrin	6.93	6.86	7.00
Endrin	7.26	7.19	7.33
4,4'-DDD	7.36	7.29	7.43
Endosulfan II	7.49	7.42	7.56
4,4'-DDT	7.72	7.65	7.79
Endrin aldehyde	7.87	7.80	7.94
Endosulfan sulfate	8.19	8.12	8.26
Methoxychlor	8.44	8.37	8.51
Endrin ketone	8.65	8.58	8.72
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.62	9.52	9.72

Data File: WF709964.D
Report Date: 05-Mar-2013 11:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/WF709964.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 05-MAR-2013 05:58
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/08Wf8081.m
Meth Date : 05-Mar-2013 11:04 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.110	2.110	0.000	388144	100.000	98	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.957	2.957	0.000	581956	100.000	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.613	3.613	0.000	506857	100.000	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.763	3.763	0.000	234548	100.000	96	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.303	4.303	0.000	474423	100.000	99	80.00- 120.00	100.00

Data File: WF709964.D
Report Date: 05-Mar-2013 11:04

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.433	4.433	0.000	472218	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.050	5.050	0.000	478027	100.000	110	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.157	6.157	0.000	412685	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.413	6.413	0.000	401760	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.580	6.580	0.000	361378	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.650	6.650	0.000	350588	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.743	6.743	0.000	354281	100.000	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.933	6.933	0.000	380129	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.263	7.263	0.000	321494	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.363	7.363	0.000	294521	100.000	94	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.493	7.493	0.000	324257	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.717	7.717	0.000	314610	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.873	7.873	0.000	261759	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.190	8.190	0.000	278424	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.440	8.440	0.000	157302	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.653	8.653	0.000	286356	100.000	100	80.00- 120.00	100.00

Data File: WF709964.D
Report Date: 05-Mar-2013 11:04

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.617	9.617	0.000	249807	100.000	100	80.00- 120.00	100.00

Data File: WF709964.D

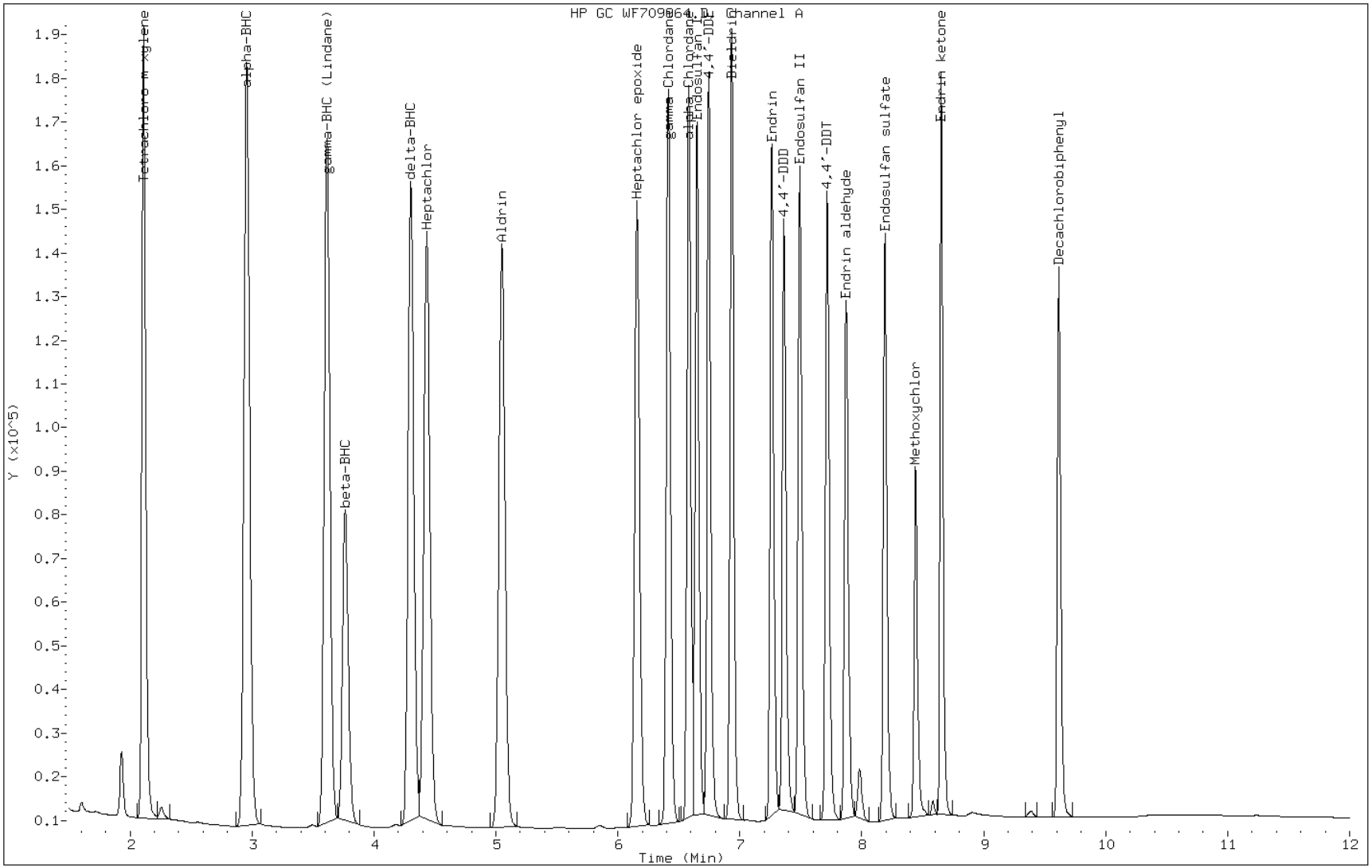
Date: 05-MAR-2013 05:58

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014

Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-149753/4 Calibration Date: 03/05/2013 05:58

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR709964.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6009	5851		97.4	100	-2.6	15.0
gamma-BHC (Lindane)	Ave	5455	5371		98.5	100	-1.5	15.0
beta-BHC	Ave	2554	2488		97.4	100	-2.6	15.0
delta-BHC	Ave	5336	5311		99.5	100	-0.5	15.0
Heptachlor	Ave	4931	5279		107	100	7.1	15.0
Aldrin	Ave	4798	5125		107	100	6.8	15.0
Heptachlor epoxide	Ave	4385	4706		107	100	7.3	15.0
gamma-Chlordane	Ave	4568	4883		107	100	6.9	15.0
alpha-Chlordane	Ave	4340	4708		108	100	8.5	15.0
4,4'-DDE	Ave	4256	4571		107	100	7.4	15.0
Endosulfan I	Ave	4149	4508		109	100	8.7	15.0
Dieldrin	Ave	4371	4733		108	100	8.3	15.0
Endrin	Ave	3672	3892		106	100	6.0	15.0
4,4'-DDD	Ave	3638	3741		103	100	2.8	15.0
Endosulfan II	Ave	3573	3770		105	100	5.5	15.0
4,4'-DDT	Ave	3645	3856		106	100	5.8	15.0
Endrin aldehyde	Ave	2862	3074		107	100	7.4	15.0
Methoxychlor	Ave	1876	1955		104	100	4.2	15.0
Endosulfan sulfate	Ave	3263	3282		101	100	0.6	15.0
Endrin ketone	Ave	3581	3607		101	100	0.7	15.0
Tetrachloro-m-xylene	Ave	4413	4255		96.4	100	-3.6	15.0
DCB Decachlorobiphenyl	Ave	2948	3085		105	100	4.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-149753/4 Calibration Date: 03/05/2013 05:58

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR709964.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.21	2.17	2.27
gamma-BHC (Lindane)	2.58	2.53	2.63
beta-BHC	2.70	2.66	2.76
delta-BHC	2.99	2.95	3.05
Heptachlor	3.35	3.31	3.41
Aldrin	3.85	3.81	3.91
Heptachlor epoxide	4.87	4.80	4.94
gamma-Chlordane	5.09	5.02	5.16
alpha-Chlordane	5.33	5.26	5.40
4,4'-DDE	5.48	5.41	5.55
Endosulfan I	5.57	5.50	5.64
Dieldrin	6.02	5.95	6.09
Endrin	6.34	6.27	6.41
4,4'-DDD	6.43	6.36	6.50
Endosulfan II	6.59	6.52	6.66
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	7.01	6.94	7.08
Methoxychlor	7.22	7.15	7.29
Endosulfan sulfate	7.47	7.40	7.54
Endrin ketone	7.78	7.71	7.85
Tetrachloro-m-xylene	1.74	1.69	1.79
DCB Decachlorobiphenyl	8.73	8.63	8.83

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/WR709964.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 05-MAR-2013 05:58
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/08Wr8081.m
Meth Date : 05-Mar-2013 09:27 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.740	1.740	0.000	425486	100.000	96	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.213	2.213	0.000	585136	100.000	97	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.577	2.577	0.000	537128	100.000	98	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.700	2.700	0.000	248777	100.000	97	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.993	2.993	0.000	531132	100.000	100	80.00- 120.00	100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.353	3.353	0.000	527939	100.000	110	80.00- 120.00		100.00
1 Aldrin						CAS #: 72-55-9		
3.853	3.853	0.000	512512	100.000	110	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.870	4.870	0.000	470611	100.000	110	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.087	5.087	0.000	488331	100.000	110	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.327	5.327	0.000	470813	100.000	110	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.477	5.477	0.000	457086	100.000	110	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
5.573	5.573	0.000	450814	100.000	110	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.017	6.017	0.000	473338	100.000	110	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.340	6.340	0.000	389176	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.427	6.427	0.000	374075	100.000	100	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.590	6.590	0.000	376954	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.720	6.720	0.000	385648	100.000	100	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.010	7.010	0.000	307419	100.000	110	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.223	7.223	0.000	195506	100.000	100	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.470	7.470	0.000	328156	100.000	100	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.777	7.777	0.000	360741	100.000	100	80.00- 120.00		100.00

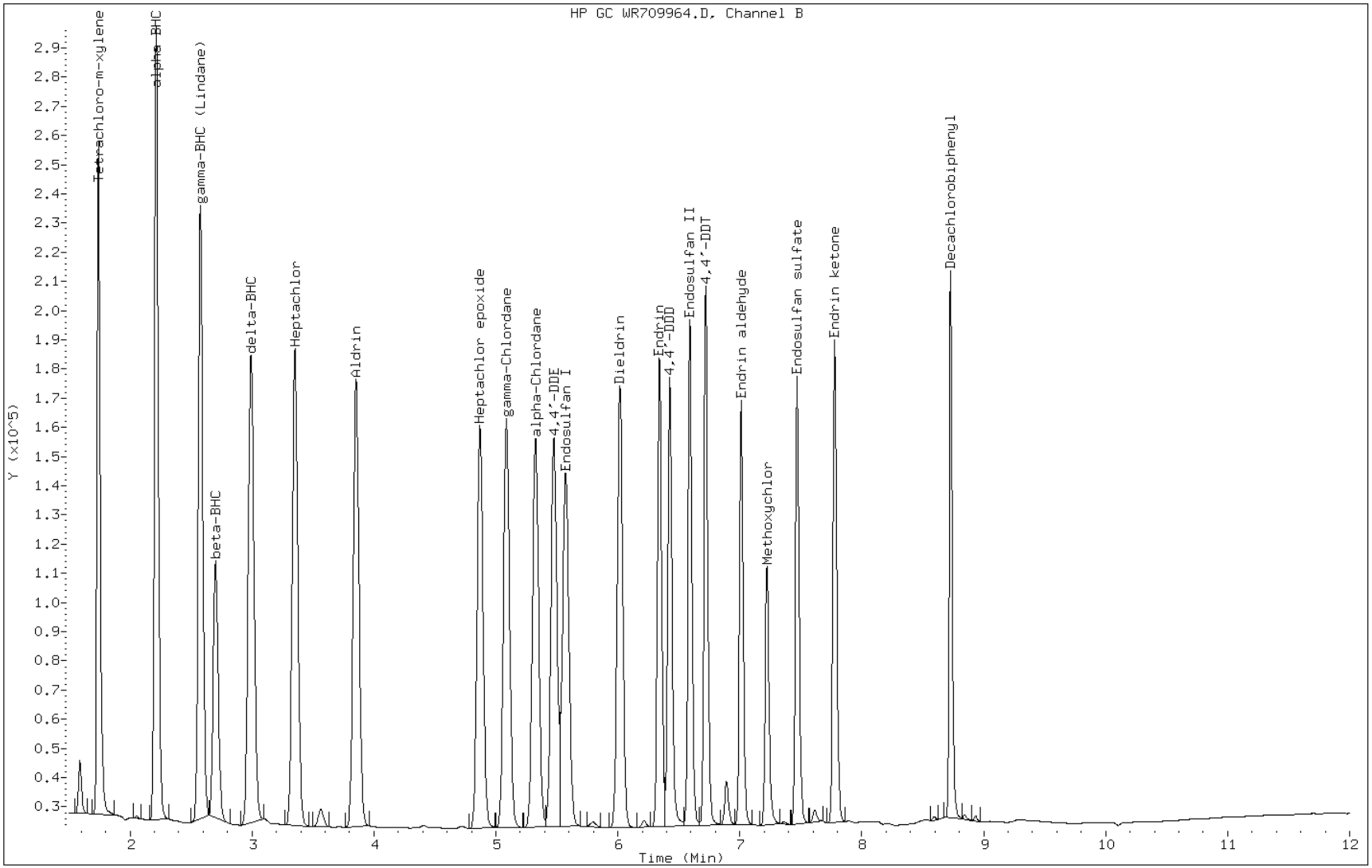
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.727	8.727	0.000	308513	100.000	100	80.00- 120.00	100.00

Data File: WR709964.D

Date: 05-MAR-2013 05:58

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-149753/25 Calibration Date: 03/05/2013 11:02

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF709985.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5690	5785		102	100	1.7	15.0
gamma-BHC (Lindane)	Ave	5006	5126		102	100	2.4	15.0
beta-BHC	Ave	2429	2441		101	100	0.5	15.0
delta-BHC	Ave	4793	4781		99.8	100	-0.2	15.0
Heptachlor	Ave	4114	4598		112	100	11.8	15.0
Aldrin	Ave	4503	4735		105	100	5.2	15.0
Heptachlor epoxide	Ave	3944	4056		103	100	2.8	15.0
gamma-Chlordane	Ave	3847	3972		103	100	3.2	15.0
alpha-Chlordane	Ave	3534	3642		103	100	3.1	15.0
Endosulfan I	Ave	3379	3475		103	100	2.8	15.0
4,4'-DDE	Ave	3413	3590		105	100	5.2	15.0
Dieldrin	Ave	3637	3770		104	100	3.7	15.0
Endrin	Ave	3217	3189		99.1	100	-0.9	15.0
4,4'-DDD	Ave	3114	3093		99.3	100	-0.7	15.0
Endosulfan II	Ave	3153	3340		106	100	5.9	15.0
4,4'-DDT	Ave	3041	3006		98.8	100	-1.2	15.0
Endrin aldehyde	Ave	2487	2644		106	100	6.3	15.0
Endosulfan sulfate	Ave	2716	2769		102	100	1.9	15.0
Methoxychlor	Ave	1489	1517		102	100	1.9	15.0
Endrin ketone	Ave	2781	2939		106	100	5.7	15.0
Tetrachloro-m-xylene	Ave	3946	3748		95.0	100	-5.0	15.0
DCB Decachlorobiphenyl	Ave	2429	2508		103	100	3.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-149753/25 Calibration Date: 03/05/2013 11:02

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF709985.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.96	2.91	3.01
gamma-BHC (Lindane)	3.62	3.57	3.67
beta-BHC	3.77	3.72	3.82
delta-BHC	4.31	4.26	4.36
Heptachlor	4.44	4.39	4.49
Aldrin	5.05	5.00	5.10
Heptachlor epoxide	6.16	6.09	6.23
gamma-Chlordane	6.41	6.34	6.48
alpha-Chlordane	6.58	6.51	6.65
Endosulfan I	6.65	6.58	6.72
4,4'-DDE	6.75	6.68	6.82
Dieldrin	6.93	6.86	7.00
Endrin	7.26	7.19	7.33
4,4'-DDD	7.36	7.29	7.43
Endosulfan II	7.49	7.42	7.56
4,4'-DDT	7.72	7.65	7.79
Endrin aldehyde	7.87	7.80	7.94
Endosulfan sulfate	8.19	8.12	8.26
Methoxychlor	8.44	8.37	8.51
Endrin ketone	8.65	8.58	8.72
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.62	9.52	9.72

Data File: WF709985.D
Report Date: 05-Mar-2013 11:08

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/WF709985.D
Lab Smp Id: PESTL3_00014
Inj Date : 05-MAR-2013 11:02
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/08Wf8081.m
Meth Date : 05-Mar-2013 11:08 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.113	2.113	0.000	374805	100.000	95	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.960	2.960	0.000	578546	100.000	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.617	3.617	0.000	512558	100.000	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.767	3.767	0.000	244119	100.000	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.307	4.307	0.000	478119	100.000	100	80.00- 120.00	100.00

Data File: WF709985.D
Report Date: 05-Mar-2013 11:08

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.437	4.437	0.000	459849	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.050	5.050	0.000	473548	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.157	6.157	0.000	405615	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.413	6.413	0.000	397238	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.583	6.583	0.000	364207	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.650	6.650	0.000	347483	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.747	6.747	0.000	359017	100.000	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.933	6.933	0.000	377024	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.263	7.263	0.000	318878	100.000	99	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.363	7.363	0.000	309251	100.000	99	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.493	7.493	0.000	333992	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.717	7.717	0.000	300624	100.000	99	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.873	7.873	0.000	264426	100.000	110	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.190	8.190	0.000	276862	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.443	8.443	0.000	151744	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.653	8.653	0.000	293892	100.000	100	80.00- 120.00	100.00

Data File: WF709985.D
Report Date: 05-Mar-2013 11:08

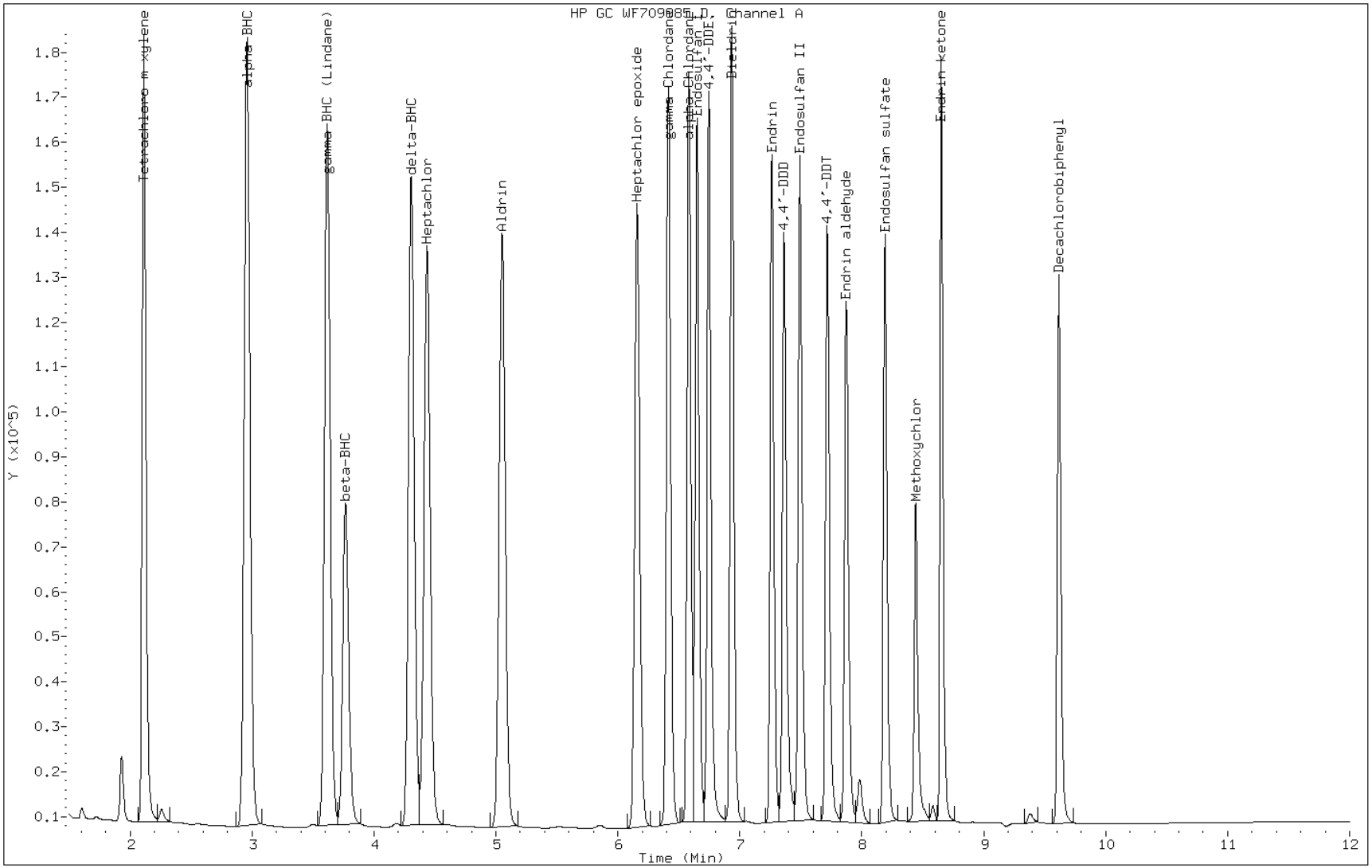
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.617	9.617	0.000	250817	100.000	100	80.00- 120.00	100.00

Data File: WF709985.D

Date: 05-MAR-2013 11:02

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-149753/25 Calibration Date: 03/05/2013 11:02

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR709985.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6009	5640		93.9	100	-6.1	15.0
gamma-BHC (Lindane)	Ave	5455	5310		97.4	100	-2.6	15.0
beta-BHC	Ave	2554	2538		99.4	100	-0.6	15.0
delta-BHC	Ave	5336	5070		95.0	100	-5.0	15.0
Heptachlor	Ave	4931	4964		101	100	0.7	15.0
Aldrin	Ave	4798	4959		103	100	3.4	15.0
Heptachlor epoxide	Ave	4385	4515		103	100	3.0	15.0
gamma-Chlordane	Ave	4568	4710		103	100	3.1	15.0
alpha-Chlordane	Ave	4340	4533		104	100	4.5	15.0
4,4'-DDE	Ave	4256	4316		101	100	1.4	15.0
Endosulfan I	Ave	4149	4373		105	100	5.4	15.0
Dieldrin	Ave	4371	4545		104	100	4.0	15.0
Endrin	Ave	3672	3688		100	100	0.4	15.0
4,4'-DDD	Ave	3638	3636		100	100	-0.0	15.0
Endosulfan II	Ave	3573	3645		102	100	2.0	15.0
4,4'-DDT	Ave	3645	3610		99.0	100	-1.0	15.0
Endrin aldehyde	Ave	2862	2973		104	100	3.9	15.0
Methoxychlor	Ave	1876	1778		94.8	100	-5.2	15.0
Endosulfan sulfate	Ave	3263	3221		98.7	100	-1.3	15.0
Endrin ketone	Ave	3581	3716		104	100	3.8	15.0
Tetrachloro-m-xylene	Ave	4413	4075		92.4	100	-7.6	15.0
DCB Decachlorobiphenyl	Ave	2948	2722		92.3	100	-7.7	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-149753/25 Calibration Date: 03/05/2013 11:02

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR709985.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.22	2.17	2.27
gamma-BHC (Lindane)	2.58	2.53	2.63
beta-BHC	2.71	2.66	2.76
delta-BHC	3.00	2.95	3.05
Heptachlor	3.36	3.31	3.41
Aldrin	3.86	3.81	3.91
Heptachlor epoxide	4.87	4.80	4.94
gamma-Chlordane	5.09	5.02	5.16
alpha-Chlordane	5.33	5.26	5.40
4,4'-DDE	5.48	5.41	5.55
Endosulfan I	5.57	5.50	5.64
Dieldrin	6.02	5.95	6.09
Endrin	6.34	6.27	6.41
4,4'-DDD	6.43	6.36	6.50
Endosulfan II	6.59	6.52	6.66
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	7.01	6.94	7.08
Methoxychlor	7.22	7.15	7.29
Endosulfan sulfate	7.47	7.40	7.54
Endrin ketone	7.78	7.71	7.85
Tetrachloro-m-xylene	1.74	1.69	1.79
DCB Decachlorobiphenyl	8.73	8.63	8.83

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/WR709985.D
Lab Smp Id: PESTL3_00014
Inj Date : 05-MAR-2013 11:02
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/08Wr8081.m
Meth Date : 05-Mar-2013 11:07 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	======	========	========	=======	=======	==========		=====
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.743	1.743	0.000	407547	100.000	92	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.217	2.217	0.000	564031	100.000	94	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.580	2.580	0.000	531039	100.000	97	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.707	2.707	0.000	253840	100.000	99	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.997	2.997	0.000	506953	100.000	95	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.357	3.357	0.000	496428	100.000	100	80.00- 120.00		100.00
1 Aldrin						CAS #: 72-55-9		
3.857	3.857	0.000	495881	100.000	100	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.873	4.873	0.000	451471	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.090	5.090	0.000	470999	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.327	5.327	0.000	453286	100.000	100	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.480	5.480	0.000	431649	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
5.573	5.573	0.000	437344	100.000	100	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.020	6.020	0.000	454487	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.343	6.343	0.000	368760	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.427	6.427	0.000	363618	100.000	100	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.590	6.590	0.000	364489	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.720	6.720	0.000	361036	100.000	99	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.013	7.013	0.000	297338	100.000	100	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.223	7.223	0.000	177836	100.000	95	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.470	7.470	0.000	322075	100.000	99	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.780	7.780	0.000	371558	100.000	100	80.00- 120.00		100.00

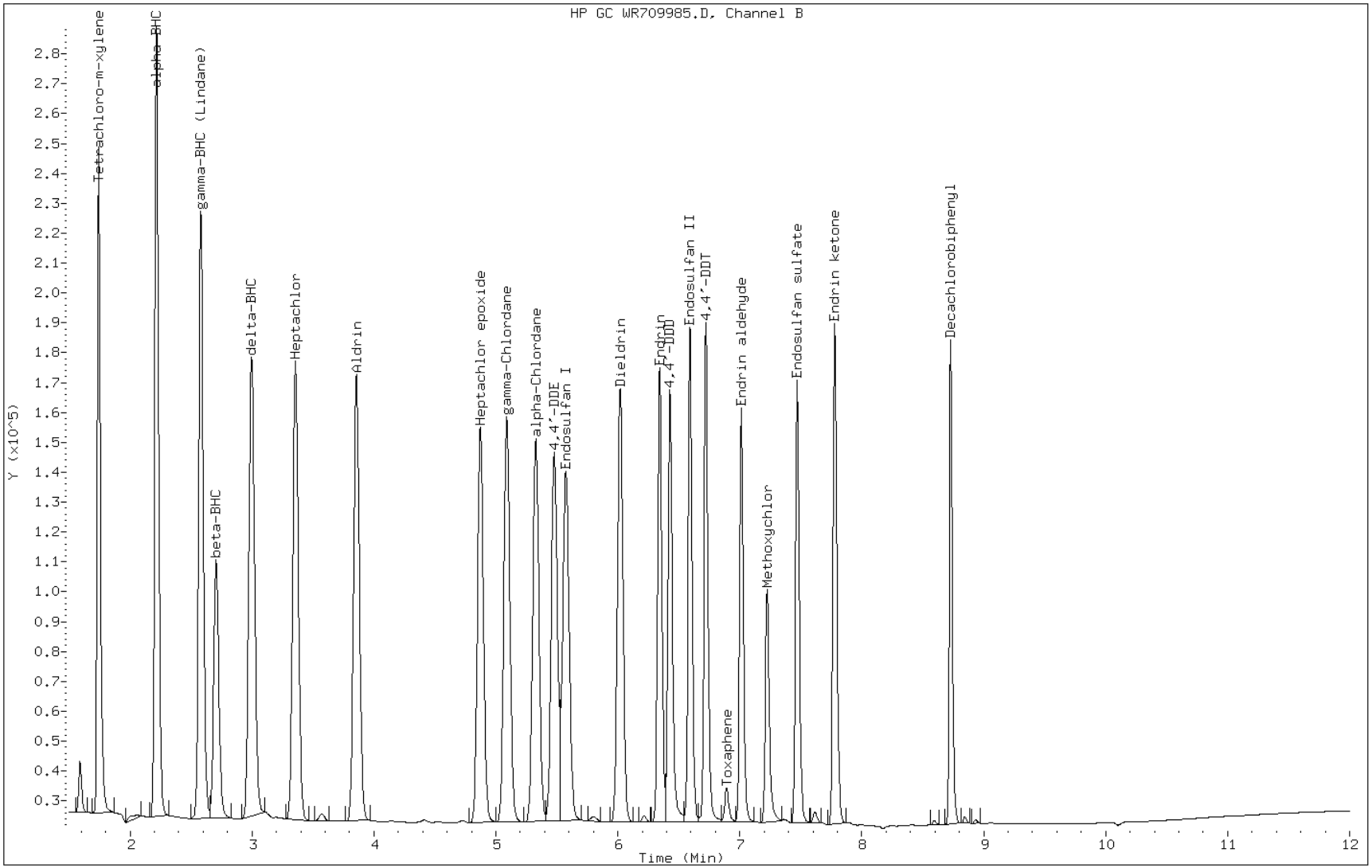
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.727	8.727	0.000	272195	100.000	92	80.00- 120.00	100.00

Data File: WR709985.D

Date: 05-MAR-2013 11:02

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150086/1 Calibration Date: 03/06/2013 19:06

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710115.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5690	6032		106	100	6.0	15.0
gamma-BHC (Lindane)	Ave	5006	5239		105	100	4.7	15.0
beta-BHC	Ave	2429	2456		101	100	1.1	15.0
delta-BHC	Ave	4793	4795		100	100	0.0	15.0
Heptachlor	Ave	4114	4663		113	100	13.3	15.0
Aldrin	Ave	4503	4914		109	100	9.1	15.0
Heptachlor epoxide	Ave	3944	4178		106	100	5.9	15.0
gamma-Chlordane	Ave	3847	4068		106	100	5.7	15.0
alpha-Chlordane	Ave	3534	3667		104	100	3.8	15.0
Endosulfan I	Ave	3379	3583		106	100	6.0	15.0
4,4'-DDE	Ave	3413	3593		105	100	5.3	15.0
Dieldrin	Ave	3637	3796		104	100	4.4	15.0
Endrin	Ave	3217	3046		94.7	100	-5.3	15.0
4,4'-DDD	Ave	3114	3169		102	100	1.8	15.0
Endosulfan II	Ave	3153	3303		105	100	4.8	15.0
4,4'-DDT	Ave	3041	2766		91.0	100	-9.0	15.0
Endrin aldehyde	Ave	2487	2518		101	100	1.2	15.0
Endosulfan sulfate	Ave	2716	2553		94.0	100	-6.0	15.0
Methoxychlor	Ave	1489	1376		92.4	100	-7.6	15.0
Endrin ketone	Ave	2781	2428		87.3	100	-12.7	15.0
Tetrachloro-m-xylene	Ave	3946	4135		105	100	4.8	15.0
DCB Decachlorobiphenyl	Ave	2429	2367		97.4	100	-2.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150086/1 Calibration Date: 03/06/2013 19:06

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710115.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.96	2.91	3.01
gamma-BHC (Lindane)	3.61	3.57	3.67
beta-BHC	3.77	3.72	3.82
delta-BHC	4.30	4.25	4.35
Heptachlor	4.43	4.38	4.48
Aldrin	5.05	5.00	5.10
Heptachlor epoxide	6.15	6.08	6.22
gamma-Chlordane	6.41	6.34	6.48
alpha-Chlordane	6.58	6.51	6.65
Endosulfan I	6.65	6.58	6.72
4,4'-DDE	6.74	6.67	6.81
Dieldrin	6.93	6.86	7.00
Endrin	7.26	7.19	7.33
4,4'-DDD	7.36	7.29	7.43
Endosulfan II	7.49	7.42	7.56
4,4'-DDT	7.71	7.64	7.78
Endrin aldehyde	7.87	7.80	7.94
Endosulfan sulfate	8.19	8.12	8.26
Methoxychlor	8.44	8.37	8.51
Endrin ketone	8.65	8.58	8.72
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.61	9.51	9.71

Data File: WF710115.D
Report Date: 07-Mar-2013 07:11

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710115.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 06-MAR-2013 19:06
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:11 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.113	2.113	0.000	413479	100.000	100	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.960	2.960	0.000	603191	100.000	110	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.613	3.613	0.000	523946	100.000	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.767	3.767	0.000	245581	100.000	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.303	4.303	0.000	479549	100.000	100	80.00- 120.00	100.00

Data File: WF710115.D
Report Date: 07-Mar-2013 07:11

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
4.430	4.430	0.000	466257	100.000	110	80.00- 120.00		100.00
1 Aldrin						CAS #: 309-00-2		
5.047	5.047	0.000	491392	100.000	110	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
6.153	6.153	0.000	417800	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
6.410	6.410	0.000	406805	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
6.577	6.577	0.000	366687	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
6.647	6.647	0.000	358328	100.000	110	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
6.743	6.743	0.000	359252	100.000	100	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.930	6.930	0.000	379551	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
7.260	7.260	0.000	304569	100.000	95	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
7.360	7.360	0.000	316942	100.000	100	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
7.490	7.490	0.000	330318	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
7.713	7.713	0.000	276612	100.000	91	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.870	7.870	0.000	251767	100.000	100	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
8.187	8.187	0.000	255317	100.000	94	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
8.440	8.440	0.000	137563	100.000	92	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
8.650	8.650	0.000	242831	100.000	87	80.00- 120.00		100.00

Data File: WF710115.D
Report Date: 07-Mar-2013 07:11

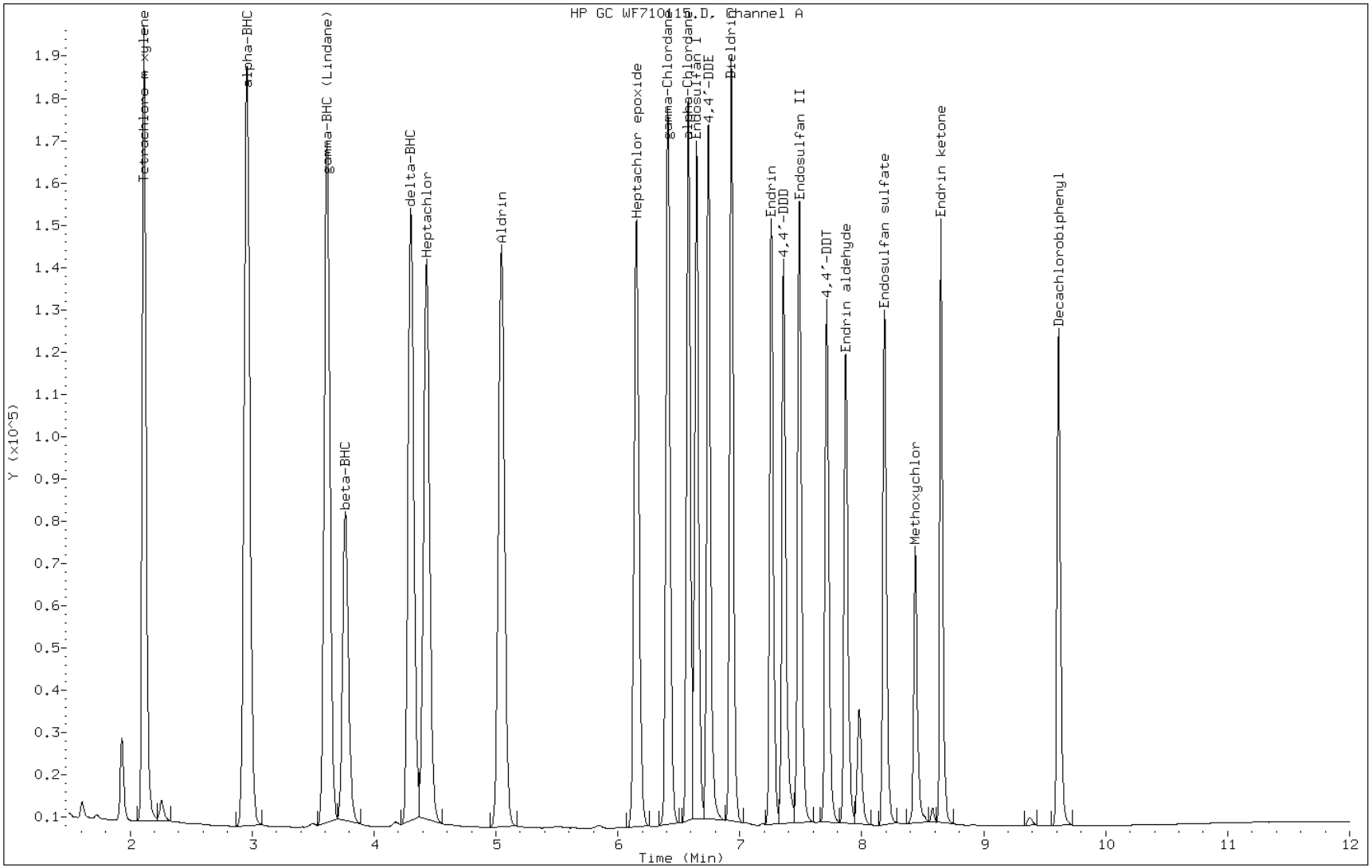
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.613	9.613	0.000	236660	100.000	97	80.00- 120.00	100.00

Data File: WF710115.D

Date: 06-MAR-2013 19:06

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150086/1 Calibration Date: 03/06/2013 19:06

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710115.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6009	6027		100	100	0.3	15.0
gamma-BHC (Lindane)	Ave	5455	5666		104	100	3.9	15.0
beta-BHC	Ave	2554	2724		107	100	6.6	15.0
delta-BHC	Ave	5336	5502		103	100	3.1	15.0
Heptachlor	Ave	4931	5136		104	100	4.2	15.0
Aldrin	Ave	4798	5311		111	100	10.7	15.0
Heptachlor epoxide	Ave	4385	4784		109	100	9.1	15.0
gamma-Chlordane	Ave	4568	5003		110	100	9.5	15.0
alpha-Chlordane	Ave	4340	4776		110	100	10.1	15.0
4,4'-DDE	Ave	4256	4569		107	100	7.3	15.0
Endosulfan I	Ave	4149	4629		112	100	11.6	15.0
Dieldrin	Ave	4371	4805		110	100	9.9	15.0
Endrin	Ave	3672	3731		102	100	1.6	15.0
4,4'-DDD	Ave	3638	3983		110	100	9.5	15.0
Endosulfan II	Ave	3573	3831		107	100	7.2	15.0
4,4'-DDT	Ave	3645	3595		98.6	100	-1.4	15.0
Endrin aldehyde	Ave	2862	3041		106	100	6.3	15.0
Methoxychlor	Ave	1876	1759		93.8	100	-6.2	15.0
Endosulfan sulfate	Ave	3263	3118		95.6	100	-4.4	15.0
Endrin ketone	Ave	3581	3238		90.4	100	-9.6	15.0
Tetrachloro-m-xylene	Ave	4413	4508		102	100	2.2	15.0
DCB Decachlorobiphenyl	Ave	2948	2928		99.3	100	-0.7	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150086/1 Calibration Date: 03/06/2013 19:06

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710115.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.22	2.17	2.27
gamma-BHC (Lindane)	2.58	2.53	2.63
beta-BHC	2.71	2.66	2.76
delta-BHC	3.00	2.95	3.05
Heptachlor	3.35	3.30	3.40
Aldrin	3.85	3.80	3.90
Heptachlor epoxide	4.87	4.80	4.94
gamma-Chlordane	5.08	5.01	5.15
alpha-Chlordane	5.32	5.25	5.39
4,4'-DDE	5.47	5.40	5.54
Endosulfan I	5.57	5.50	5.64
Dieldrin	6.01	5.94	6.08
Endrin	6.34	6.27	6.41
4,4'-DDD	6.42	6.35	6.49
Endosulfan II	6.59	6.52	6.66
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	7.01	6.94	7.08
Methoxychlor	7.22	7.15	7.29
Endosulfan sulfate	7.47	7.40	7.54
Endrin ketone	7.77	7.70	7.84
Tetrachloro-m-xylene	1.74	1.69	1.79
DCB Decachlorobiphenyl	8.73	8.62	8.82

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710115.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 06-MAR-2013 19:06
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.743	1.743	0.000	450803	100.000	100	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.217	2.217	0.000	602702	100.000	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.580	2.580	0.000	566634	100.000	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.707	2.707	0.000	272395	100.000	110	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.997	2.997	0.000	550182	100.000	100	80.00- 120.00	100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.353	3.353	0.000	513593	100.000	100	80.00- 120.00		100.00
1 Aldrin						CAS #: 72-55-9		
3.853	3.853	0.000	531058	100.000	110	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.867	4.867	0.000	478413	100.000	110	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.083	5.083	0.000	500263	100.000	110	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.320	5.320	0.000	477616	100.000	110	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.473	5.473	0.000	456886	100.000	110	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
5.567	5.567	0.000	462945	100.000	110	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.013	6.013	0.000	480465	100.000	110	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.337	6.337	0.000	373060	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.423	6.423	0.000	398336	100.000	110	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.587	6.587	0.000	383142	100.000	110	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.717	6.717	0.000	359491	100.000	99	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.007	7.007	0.000	304076	100.000	110	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.220	7.217	0.003	175871	100.000	94	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.467	7.467	0.000	311830	100.000	96	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.773	7.773	0.000	323822	100.000	90	80.00- 120.00		100.00

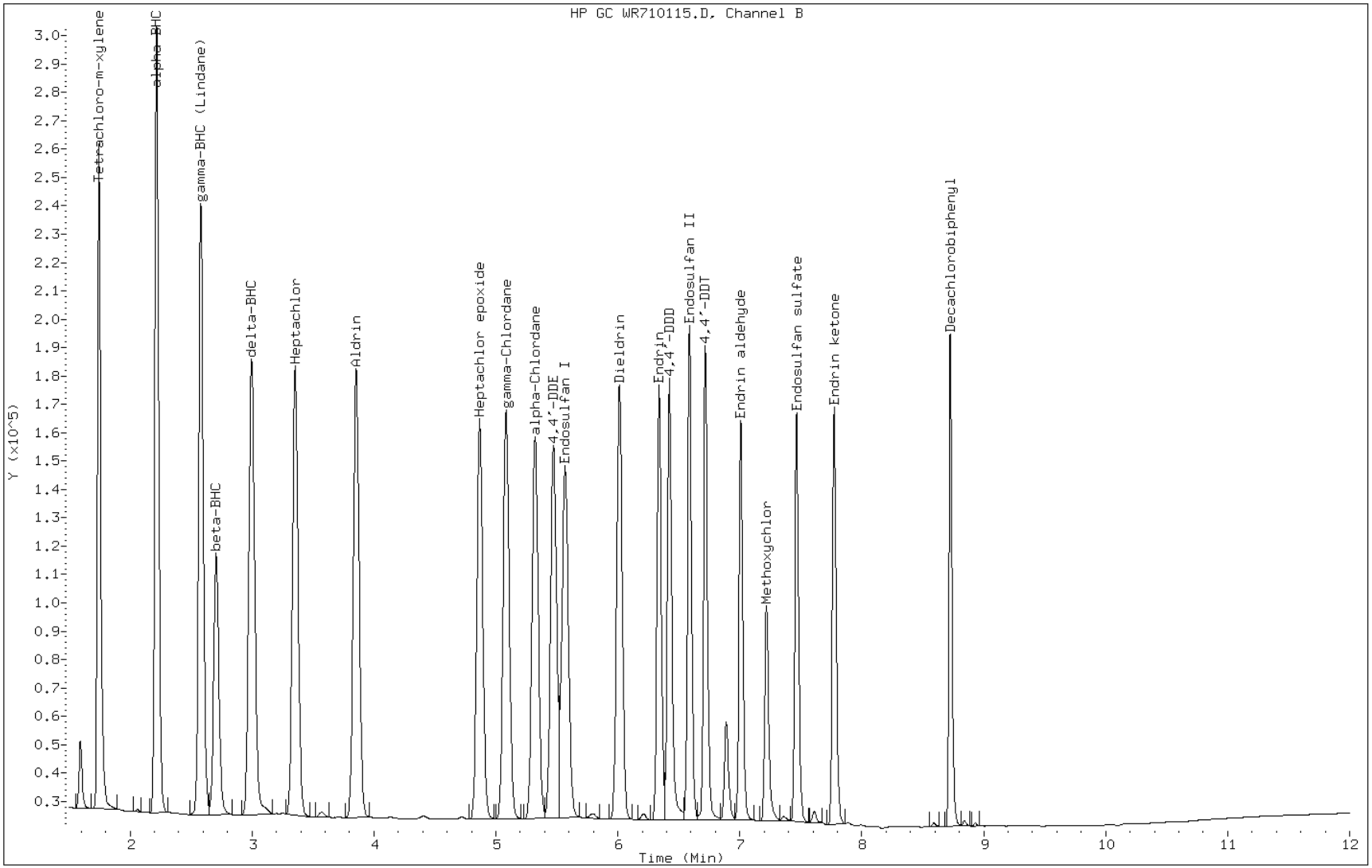
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.727	8.723	0.004	292812	100.000	99	80.00- 120.00	100.00

Data File: WR710115.D

Date: 06-MAR-2013 19:06

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150086/17 Calibration Date: 03/06/2013 22:49

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710131.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5690	5793		102	100	1.8	15.0
gamma-BHC (Lindane)	Ave	5006	5111		102	100	2.1	15.0
beta-BHC	Ave	2429	2445		101	100	0.7	15.0
delta-BHC	Ave	4793	4688		97.8	100	-2.2	15.0
Heptachlor	Ave	4114	4547		111	100	10.5	15.0
Aldrin	Ave	4503	4771		106	100	5.9	15.0
Heptachlor epoxide	Ave	3944	4071		103	100	3.2	15.0
gamma-Chlordane	Ave	3847	3993		104	100	3.8	15.0
alpha-Chlordane	Ave	3534	3598		102	100	1.8	15.0
Endosulfan I	Ave	3379	3526		104	100	4.3	15.0
4,4'-DDE	Ave	3413	3621		106	100	6.1	15.0
Dieldrin	Ave	3637	3778		104	100	3.9	15.0
Endrin	Ave	3217	3000		93.2	100	-6.8	15.0
4,4'-DDD	Ave	3114	3157		101	100	1.4	15.0
Endosulfan II	Ave	3153	3325		105	100	5.4	15.0
4,4'-DDT	Ave	3041	2796		91.9	100	-8.1	15.0
Endrin aldehyde	Ave	2487	2608		105	100	4.8	15.0
Endosulfan sulfate	Ave	2716	2620		96.5	100	-3.5	15.0
Methoxychlor	Ave	1489	1431		96.1	100	-3.9	15.0
Endrin ketone	Ave	2781	2523		90.7	100	-9.3	15.0
Tetrachloro-m-xylene	Ave	3946	3956		100	100	0.3	15.0
DCB Decachlorobiphenyl	Ave	2429	2436		100	100	0.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150086/17 Calibration Date: 03/06/2013 22:49

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710131.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.96	2.91	3.01
gamma-BHC (Lindane)	3.62	3.57	3.67
beta-BHC	3.77	3.72	3.82
delta-BHC	4.30	4.25	4.35
Heptachlor	4.43	4.38	4.48
Aldrin	5.05	5.00	5.10
Heptachlor epoxide	6.15	6.08	6.22
gamma-Chlordane	6.41	6.34	6.48
alpha-Chlordane	6.58	6.51	6.65
Endosulfan I	6.65	6.58	6.72
4,4'-DDE	6.74	6.67	6.81
Dieldrin	6.93	6.86	7.00
Endrin	7.26	7.19	7.33
4,4'-DDD	7.36	7.29	7.43
Endosulfan II	7.49	7.42	7.56
4,4'-DDT	7.71	7.64	7.78
Endrin aldehyde	7.87	7.80	7.94
Endosulfan sulfate	8.19	8.12	8.26
Methoxychlor	8.44	8.37	8.51
Endrin ketone	8.65	8.58	8.72
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.61	9.51	9.71

Data File: WF710131.D
Report Date: 07-Mar-2013 07:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710131.D
Lab Smp Id: PESTL3_00014
Inj Date : 06-MAR-2013 22:49
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.113	2.113	0.000	395616	100.000	100	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.960	2.960	0.000	579292	100.000	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.617	3.617	0.000	511127	100.000	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.767	3.767	0.000	244514	100.000	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.303	4.303	0.000	468821	100.000	98	80.00- 120.00	100.00

Data File: WF710131.D
Report Date: 07-Mar-2013 07:13

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.433	4.433	0.000	454703	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.047	5.047	0.000	477098	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.153	6.153	0.000	407093	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.410	6.410	0.000	399254	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.577	6.577	0.000	359767	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.647	6.647	0.000	352577	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.743	6.743	0.000	362062	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.930	6.930	0.000	377797	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.257	7.257	0.000	300001	100.000	93	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.357	7.357	0.000	315745	100.000	100	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.487	7.487	0.000	332465	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.713	7.713	0.000	279622	100.000	92	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.867	7.867	0.000	260805	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.187	8.187	0.000	262018	100.000	96	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.437	8.437	0.000	143149	100.000	96	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.650	8.650	0.000	252272	100.000	91	80.00- 120.00	100.00

Data File: WF710131.D
Report Date: 07-Mar-2013 07:13

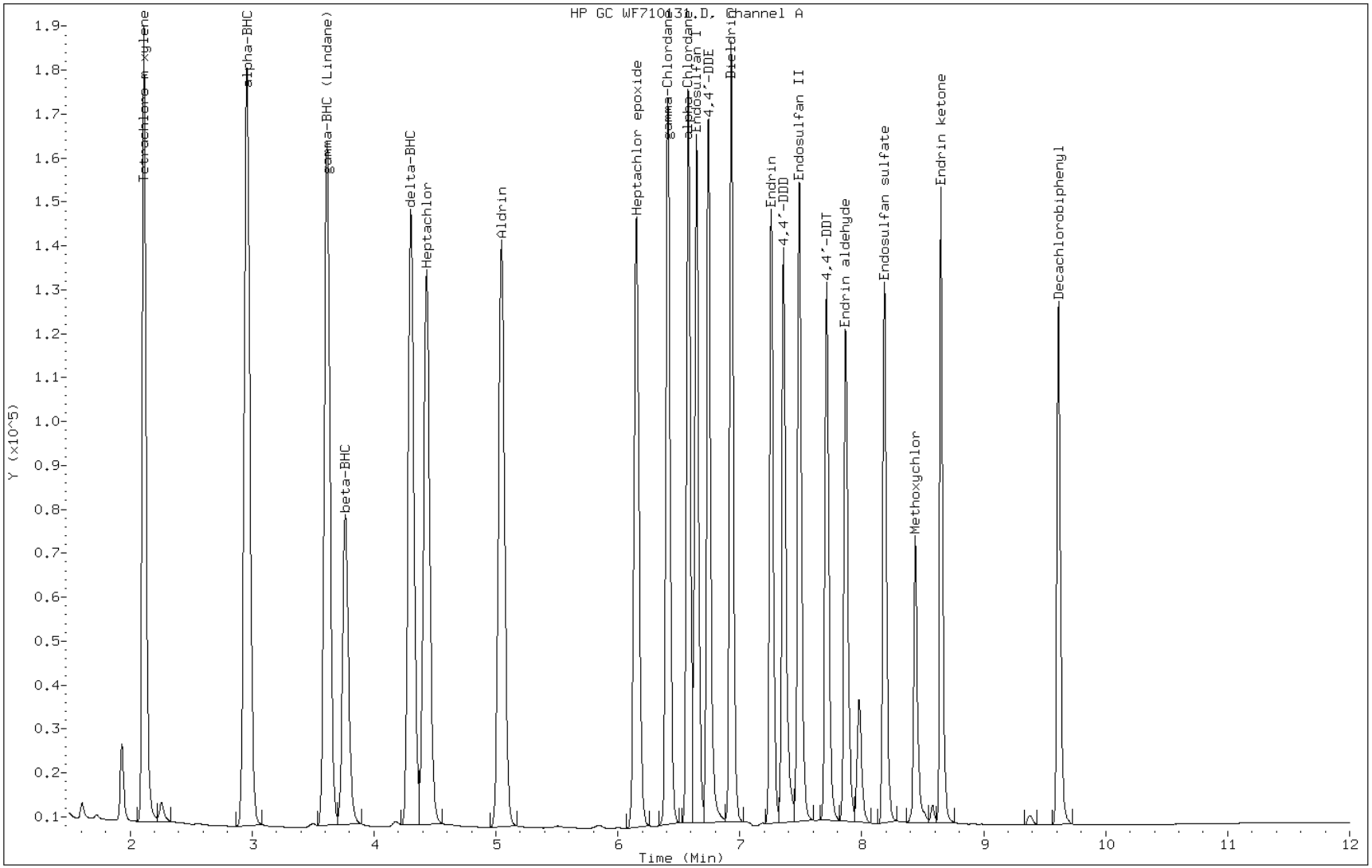
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.613	9.613	0.000	243551	100.000	100	80.00- 120.00	100.00

Data File: WF710131.D

Date: 06-MAR-2013 22:49

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150086/17 Calibration Date: 03/06/2013 22:49

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710131.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6009	5699		94.8	100	-5.2	15.0
gamma-BHC (Lindane)	Ave	5455	5356		98.2	100	-1.8	15.0
beta-BHC	Ave	2554	2542		99.5	100	-0.5	15.0
delta-BHC	Ave	5336	5087		95.3	100	-4.7	15.0
Heptachlor	Ave	4931	4839		98.1	100	-1.9	15.0
Aldrin	Ave	4798	5009		104	100	4.4	15.0
Heptachlor epoxide	Ave	4385	4517		103	100	3.0	15.0
gamma-Chlordane	Ave	4568	4732		104	100	3.6	15.0
alpha-Chlordane	Ave	4340	4494		104	100	3.6	15.0
4,4'-DDE	Ave	4256	4313		101	100	1.3	15.0
Endosulfan I	Ave	4149	4394		106	100	5.9	15.0
Dieldrin	Ave	4371	4566		104	100	4.5	15.0
Endrin	Ave	3672	3513		95.7	100	-4.3	15.0
4,4'-DDD	Ave	3638	3778		104	100	3.9	15.0
Endosulfan II	Ave	3573	3621		101	100	1.3	15.0
4,4'-DDT	Ave	3645	3392		93.1	100	-6.9	15.0
Endrin aldehyde	Ave	2862	2934		103	100	2.5	15.0
Methoxychlor	Ave	1876	1728		92.1	100	-7.9	15.0
Endosulfan sulfate	Ave	3263	3068		94.0	100	-6.0	15.0
Endrin ketone	Ave	3581	3206		89.5	100	-10.5	15.0
Tetrachloro-m-xylene	Ave	4413	4239		96.1	100	-3.9	15.0
DCB Decachlorobiphenyl	Ave	2948	3005		102	100	1.9	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150086/17 Calibration Date: 03/06/2013 22:49

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710131.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.22	2.17	2.27
gamma-BHC (Lindane)	2.58	2.53	2.63
beta-BHC	2.71	2.66	2.76
delta-BHC	3.00	2.95	3.05
Heptachlor	3.35	3.30	3.40
Aldrin	3.85	3.80	3.90
Heptachlor epoxide	4.87	4.80	4.94
gamma-Chlordane	5.08	5.01	5.15
alpha-Chlordane	5.32	5.25	5.39
4,4'-DDE	5.47	5.40	5.54
Endosulfan I	5.57	5.50	5.64
Dieldrin	6.01	5.94	6.08
Endrin	6.34	6.27	6.41
4,4'-DDD	6.42	6.35	6.49
Endosulfan II	6.59	6.52	6.66
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	7.01	6.94	7.08
Methoxychlor	7.22	7.15	7.29
Endosulfan sulfate	7.47	7.40	7.54
Endrin ketone	7.77	7.70	7.84
Tetrachloro-m-xylene	1.74	1.69	1.79
DCB Decachlorobiphenyl	8.72	8.62	8.82

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710131.D
Lab Smp Id: PESTL3_00014
Inj Date : 06-MAR-2013 22:49
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	======	========	========	=======	=======	==========		=====
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.743	1.743	0.000	423878	100.000	96	80.00- 120.00		100.00
2 alpha-BHC					CAS #: 319-84-6			
2.217	2.217	0.000	569947	100.000	95	80.00- 120.00		100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.580	2.580	0.000	535642	100.000	98	80.00- 120.00		100.00
3 beta-BHC					CAS #: 319-85-7			
2.707	2.707	0.000	254171	100.000	100	80.00- 120.00		100.00
4 delta-BHC					CAS #: 319-86-8			
2.997	2.997	0.000	508733	100.000	95	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.353	3.353	0.000	483932	100.000	98	80.00- 120.00		100.00
1 Aldrin						CAS #: 72-55-9		
3.853	3.853	0.000	500854	100.000	100	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.867	4.867	0.000	451705	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.083	5.083	0.000	473222	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.320	5.320	0.000	449387	100.000	100	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.473	5.473	0.000	431271	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
5.567	5.567	0.000	439432	100.000	100	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.013	6.013	0.000	456587	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.337	6.337	0.000	351313	100.000	96	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.423	6.423	0.000	377811	100.000	100	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.587	6.587	0.000	362076	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.717	6.717	0.000	339231	100.000	93	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.007	7.007	0.000	293415	100.000	100	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.217	7.217	0.000	172835	100.000	92	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.467	7.467	0.000	306798	100.000	94	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.773	7.773	0.000	320576	100.000	90	80.00- 120.00		100.00

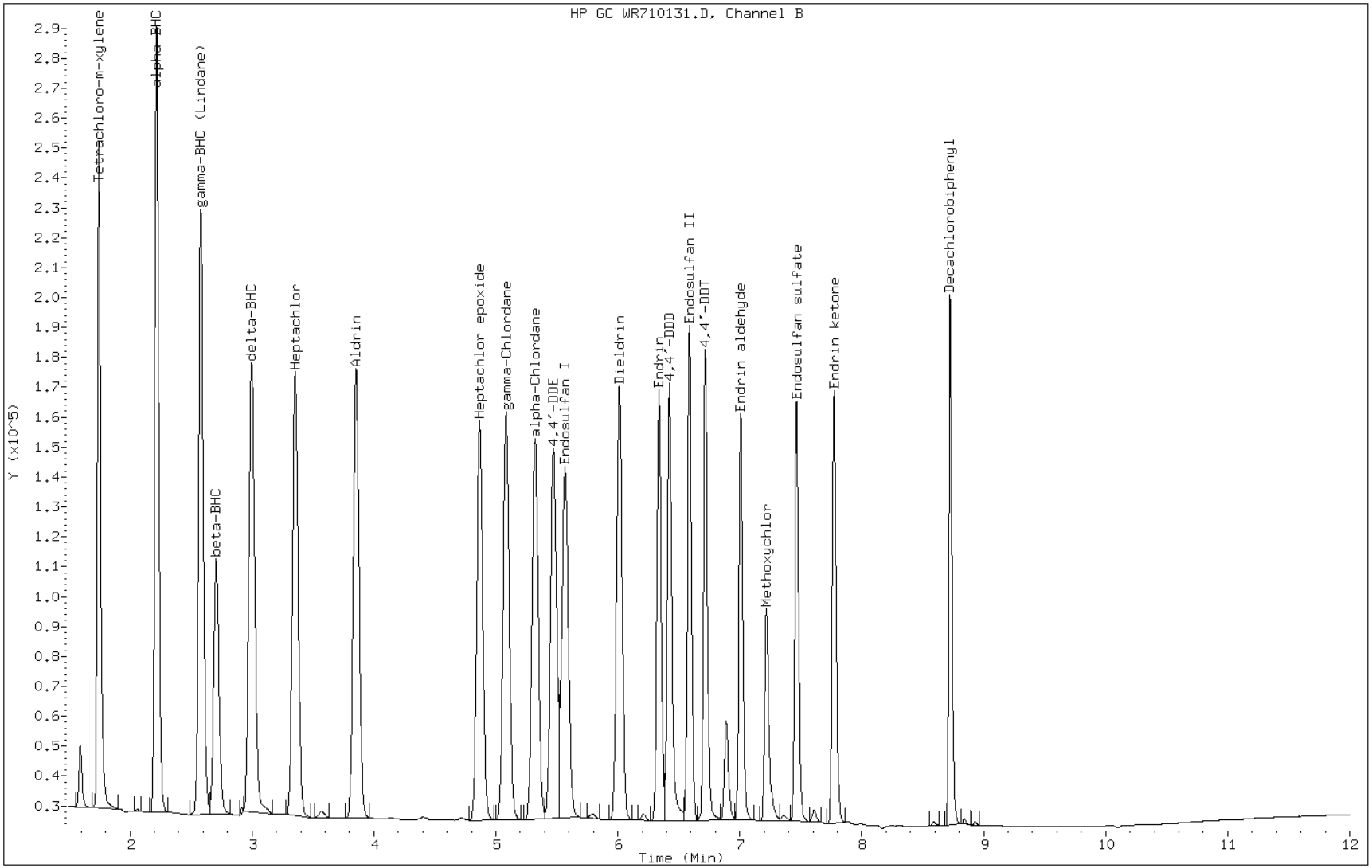
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.723	8.723	0.000	300465	100.000	100	80.00- 120.00	100.00

Data File: WR710131.D

Date: 06-MAR-2013 22:49

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150217/1 Calibration Date: 03/07/2013 09:28

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710176.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5690	5843		103	100	2.7	15.0
gamma-BHC (Lindane)	Ave	5006	5144		103	100	2.8	15.0
beta-BHC	Ave	2429	2439		100	100	0.4	15.0
delta-BHC	Ave	4793	4909		102	100	2.4	15.0
Heptachlor	Ave	4114	4551		111	100	10.6	15.0
Aldrin	Ave	4503	4707		105	100	4.5	15.0
Heptachlor epoxide	Ave	3944	4026		102	100	2.1	15.0
gamma-Chlordane	Ave	3847	3972		103	100	3.2	15.0
alpha-Chlordane	Ave	3534	3640		103	100	3.0	15.0
Endosulfan I	Ave	3379	3477		103	100	2.9	15.0
4,4'-DDE	Ave	3413	3569		105	100	4.6	15.0
Dieldrin	Ave	3637	3763		103	100	3.5	15.0
Endrin	Ave	3217	3174		98.7	100	-1.3	15.0
4,4'-DDD	Ave	3114	3000		96.3	100	-3.7	15.0
Endosulfan II	Ave	3153	3355		106	100	6.4	15.0
4,4'-DDT	Ave	3041	2946		96.9	100	-3.1	15.0
Endrin aldehyde	Ave	2487	2556		103	100	2.8	15.0
Endosulfan sulfate	Ave	2716	2810		103	100	3.4	15.0
Methoxychlor	Ave	1489	1471		98.8	100	-1.2	15.0
Endrin ketone	Ave	2781	3047		110	100	9.6	15.0
Tetrachloro-m-xylene	Ave	3946	3926		99.5	100	-0.5	15.0
DCB Decachlorobiphenyl	Ave	2429	2492		103	100	2.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150217/1 Calibration Date: 03/07/2013 09:28

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710176.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.95	2.91	3.01
gamma-BHC (Lindane)	3.61	3.57	3.67
beta-BHC	3.76	3.72	3.82
delta-BHC	4.29	4.26	4.36
Heptachlor	4.42	4.38	4.48
Aldrin	5.04	5.00	5.10
Heptachlor epoxide	6.15	6.09	6.23
gamma-Chlordane	6.41	6.34	6.48
alpha-Chlordane	6.58	6.51	6.65
Endosulfan I	6.64	6.58	6.72
4,4'-DDE	6.74	6.67	6.81
Dieldrin	6.93	6.86	7.00
Endrin	7.26	7.19	7.33
4,4'-DDD	7.36	7.29	7.43
Endosulfan II	7.49	7.42	7.56
4,4'-DDT	7.71	7.64	7.78
Endrin aldehyde	7.87	7.80	7.94
Endosulfan sulfate	8.19	8.12	8.26
Methoxychlor	8.44	8.37	8.51
Endrin ketone	8.65	8.58	8.72
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.61	9.51	9.71

Data File: WF710176.D
Report Date: 08-Mar-2013 06:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710176.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 07-MAR-2013 09:28
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:19 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.107	2.107	0.000	392599	100.000	99	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.950	2.950	0.000	584253	100.000	100	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.607	3.607	0.000	514351	100.000	100	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.757	3.757	0.000	243924	100.000	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.293	4.293	0.000	490868	100.000	100	80.00- 120.00	100.00

Data File: WF710176.D
Report Date: 08-Mar-2013 06:19

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.423	4.423	0.000	455124	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.040	5.040	0.000	470657	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.150	6.150	0.000	402647	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.407	6.407	0.000	397168	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.577	6.577	0.000	364031	100.000	100	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.643	6.643	0.000	347697	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.740	6.740	0.000	356869	100.000	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.927	6.927	0.000	376250	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.257	7.257	0.000	317438	100.000	99	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.357	7.357	0.000	299996	100.000	96	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.487	7.487	0.000	335525	100.000	110	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.710	7.710	0.000	294629	100.000	97	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.867	7.867	0.000	255612	100.000	100	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.187	8.187	0.000	280983	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.440	8.440	0.000	147129	100.000	99	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.650	8.650	0.000	304740	100.000	110	80.00- 120.00	100.00

Data File: WF710176.D
Report Date: 08-Mar-2013 06:19

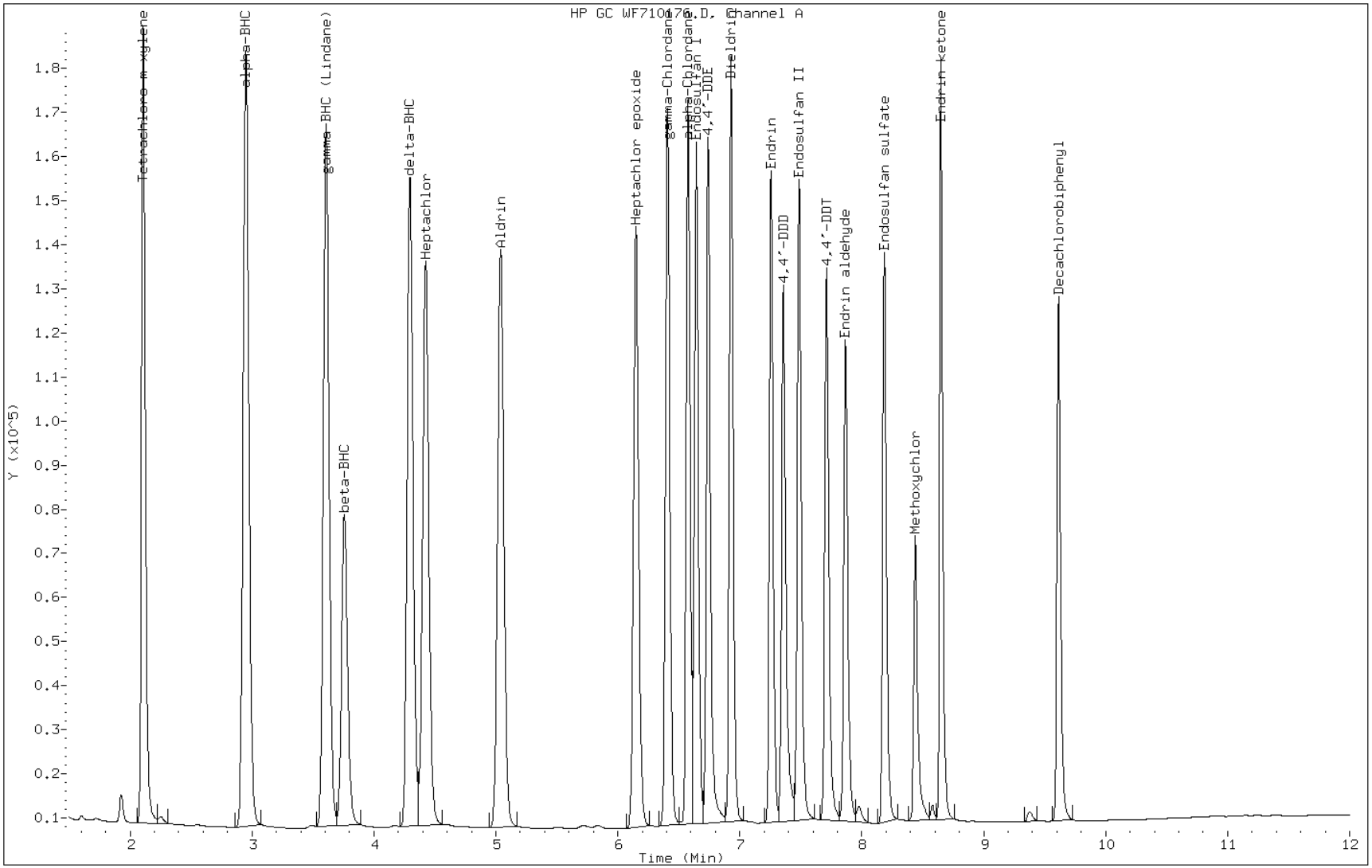
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.613	9.613	0.000	249237	100.000	100	80.00- 120.00	100.00

Data File: WF710176.D

Date: 07-MAR-2013 09:28

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150217/1 Calibration Date: 03/07/2013 09:28

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710176.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6009	5801		96.5	100	-3.5	15.0
gamma-BHC (Lindane)	Ave	5455	5427		99.5	100	-0.5	15.0
beta-BHC	Ave	2554	2579		101	100	1.0	15.0
delta-BHC	Ave	5336	5478		103	100	2.7	15.0
Heptachlor	Ave	4931	4955		100	100	0.5	15.0
Aldrin	Ave	4798	5023		105	100	4.7	15.0
Heptachlor epoxide	Ave	4385	4541		104	100	3.6	15.0
gamma-Chlordane	Ave	4568	4750		104	100	4.0	15.0
alpha-Chlordane	Ave	4340	4578		105	100	5.5	15.0
4,4'-DDE	Ave	4256	4228		99.3	100	-0.7	15.0
Endosulfan I	Ave	4149	4443		107	100	7.1	15.0
Dieldrin	Ave	4371	4587		105	100	4.9	15.0
Endrin	Ave	3672	3735		102	100	1.7	15.0
4,4'-DDD	Ave	3638	3682		101	100	1.2	15.0
Endosulfan II	Ave	3573	3767		105	100	5.4	15.0
4,4'-DDT	Ave	3645	3686		101	100	1.1	15.0
Endrin aldehyde	Ave	2862	3001		105	100	4.9	15.0
Methoxychlor	Ave	1876	1725		92.0	100	-8.0	15.0
Endosulfan sulfate	Ave	3263	3315		102	100	1.6	15.0
Endrin ketone	Ave	3581	3892		109	100	8.7	15.0
Tetrachloro-m-xylene	Ave	4413	4150		94.0	100	-6.0	15.0
DCB Decachlorobiphenyl	Ave	2948	3134		106	100	6.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCVRT 460-150217/1 Calibration Date: 03/07/2013 09:28

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710176.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.21	2.17	2.27
gamma-BHC (Lindane)	2.57	2.53	2.63
beta-BHC	2.70	2.66	2.76
delta-BHC	2.99	2.95	3.05
Heptachlor	3.35	3.31	3.41
Aldrin	3.85	3.81	3.91
Heptachlor epoxide	4.86	4.80	4.94
gamma-Chlordane	5.08	5.02	5.16
alpha-Chlordane	5.31	5.26	5.40
4,4'-DDE	5.47	5.41	5.55
Endosulfan I	5.56	5.50	5.64
Dieldrin	6.01	5.95	6.09
Endrin	6.33	6.27	6.41
4,4'-DDD	6.42	6.36	6.50
Endosulfan II	6.58	6.52	6.66
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	7.01	6.94	7.08
Methoxychlor	7.22	7.15	7.29
Endosulfan sulfate	7.46	7.40	7.54
Endrin ketone	7.77	7.71	7.85
Tetrachloro-m-xylene	1.74	1.69	1.79
DCB Decachlorobiphenyl	8.72	8.63	8.83

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710176.D
Lab Smp Id: SGPESTL3_00014
Inj Date : 07-MAR-2013 09:28
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
1.737	1.743	-0.006	414950	100.000	94	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.210	2.217	-0.007	580082	100.000	96	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.573	2.580	-0.007	542725	100.000	99	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.697	2.707	-0.010	257938	100.000	100	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.987	2.997	-0.010	547837	100.000	100	80.00- 120.00	100.00

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.347	3.357	-0.010	495487	100.000	100	80.00- 120.00	100.00
1 Aldrin					CAS #: 72-55-9		
3.847	3.857	-0.010	502349	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.860	4.873	-0.013	454115	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.077	5.090	-0.013	475029	100.000	100	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.313	5.327	-0.014	457828	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
5.467	5.477	-0.010	422818	100.000	99	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.560	5.573	-0.013	444261	100.000	110	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.007	6.020	-0.013	458672	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.333	6.343	-0.010	373494	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.420	6.427	-0.007	368191	100.000	100	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.583	6.590	-0.007	376697	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.717	6.720	-0.003	368620	100.000	100	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.007	7.010	-0.003	300106	100.000	100	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.217	7.223	-0.006	172506	100.000	92	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.463	7.470	-0.007	331450	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
7.773	7.777	-0.004	389229	100.000	110	80.00- 120.00	100.00

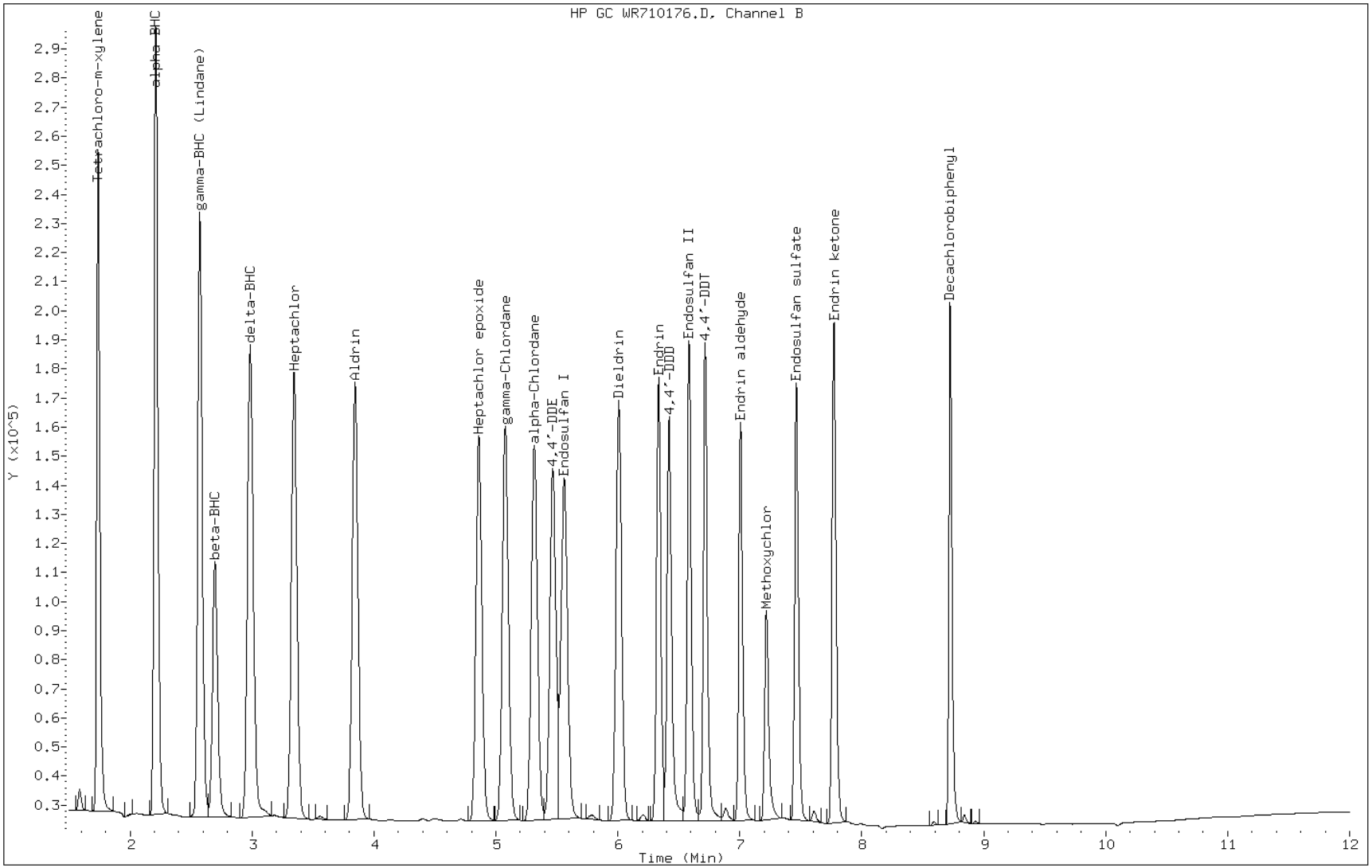
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.723	8.727	-0.004	313385	100.000	110	80.00- 120.00	100.00

Data File: WR710176.D

Date: 07-MAR-2013 09:28

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150217/20 Calibration Date: 03/07/2013 14:14

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710195.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5690	5550		97.5	100	-2.5	15.0
gamma-BHC (Lindane)	Ave	5006	4825		96.4	100	-3.6	15.0
beta-BHC	Ave	2429	2236		92.1	100	-7.9	15.0
delta-BHC	Ave	4793	4382		91.4	100	-8.6	15.0
Heptachlor	Ave	4114	4659		113	100	13.2	15.0
Aldrin	Ave	4503	4579		102	100	1.7	15.0
Heptachlor epoxide	Ave	3944	3951		100	100	0.2	15.0
gamma-Chlordane	Ave	3847	3818		99.2	100	-0.8	15.0
alpha-Chlordane	Ave	3534	3451		97.6	100	-2.4	15.0
Endosulfan I	Ave	3379	3392		100	100	0.4	15.0
4,4'-DDE	Ave	3413	3476		102	100	1.8	15.0
Dieldrin	Ave	3637	3637		100	100	0.0	15.0
Endrin	Ave	3217	3229		100	100	0.4	15.0
4,4'-DDD	Ave	3114	2936		94.3	100	-5.7	15.0
Endosulfan II	Ave	3153	3162		100	100	0.3	15.0
4,4'-DDT	Ave	3041	2956		97.2	100	-2.8	15.0
Endrin aldehyde	Ave	2487	2392		96.2	100	-3.8	15.0
Endosulfan sulfate	Ave	2716	2555		94.1	100	-5.9	15.0
Methoxychlor	Ave	1489	1523		102	100	2.3	15.0
Endrin ketone	Ave	2781	2405		86.5	100	-13.5	15.0
Tetrachloro-m-xylene	Ave	3946	3815		96.7	100	-3.3	15.0
DCB Decachlorobiphenyl	Ave	2429	2378		97.9	100	-2.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150217/20 Calibration Date: 03/07/2013 14:14

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WF710195.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.96	2.91	3.01
gamma-BHC (Lindane)	3.62	3.57	3.67
beta-BHC	3.77	3.72	3.82
delta-BHC	4.31	4.26	4.36
Heptachlor	4.43	4.38	4.48
Aldrin	5.05	5.00	5.10
Heptachlor epoxide	6.16	6.09	6.23
gamma-Chlordane	6.41	6.34	6.48
alpha-Chlordane	6.58	6.51	6.65
Endosulfan I	6.65	6.58	6.72
4,4'-DDE	6.74	6.67	6.81
Dieldrin	6.93	6.86	7.00
Endrin	7.26	7.19	7.33
4,4'-DDD	7.36	7.29	7.43
Endosulfan II	7.49	7.42	7.56
4,4'-DDT	7.71	7.64	7.78
Endrin aldehyde	7.87	7.80	7.94
Endosulfan sulfate	8.19	8.12	8.26
Methoxychlor	8.44	8.37	8.51
Endrin ketone	8.65	8.58	8.72
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.61	9.51	9.71

Data File: WF710195.D
Report Date: 08-Mar-2013 06:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710195.D
Lab Smp Id: PESTL3_00014
Inj Date : 07-MAR-2013 14:14
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8		
2.113	2.113	0.000	381483	100.000	97	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.957	2.957	0.000	554951	100.000	98	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.617	3.617	0.000	482530	100.000	96	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.767	3.767	0.000	223622	100.000	92	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.307	4.307	0.000	438165	100.000	91	80.00- 120.00	100.00

Data File: WF710195.D
Report Date: 08-Mar-2013 06:20

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.433	4.433	0.000	465896	100.000	110	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.050	5.050	0.000	457899	100.000	100	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.157	6.157	0.000	395050	100.000	100	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.413	6.413	0.000	381835	100.000	99	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.580	6.580	0.000	345094	100.000	98	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.650	6.650	0.000	339188	100.000	100	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.743	6.743	0.000	347619	100.000	100	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.933	6.933	0.000	363705	100.000	100	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.260	7.260	0.000	322899	100.000	100	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.360	7.360	0.000	293636	100.000	94	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.490	7.490	0.000	316229	100.000	100	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.713	7.713	0.000	295586	100.000	97	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.870	7.870	0.000	239178	100.000	96	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.190	8.190	0.000	255498	100.000	94	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.440	8.440	0.000	152345	100.000	100	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.650	8.650	0.000	240479	100.000	86	80.00- 120.00	100.00

Data File: WF710195.D
Report Date: 08-Mar-2013 06:20

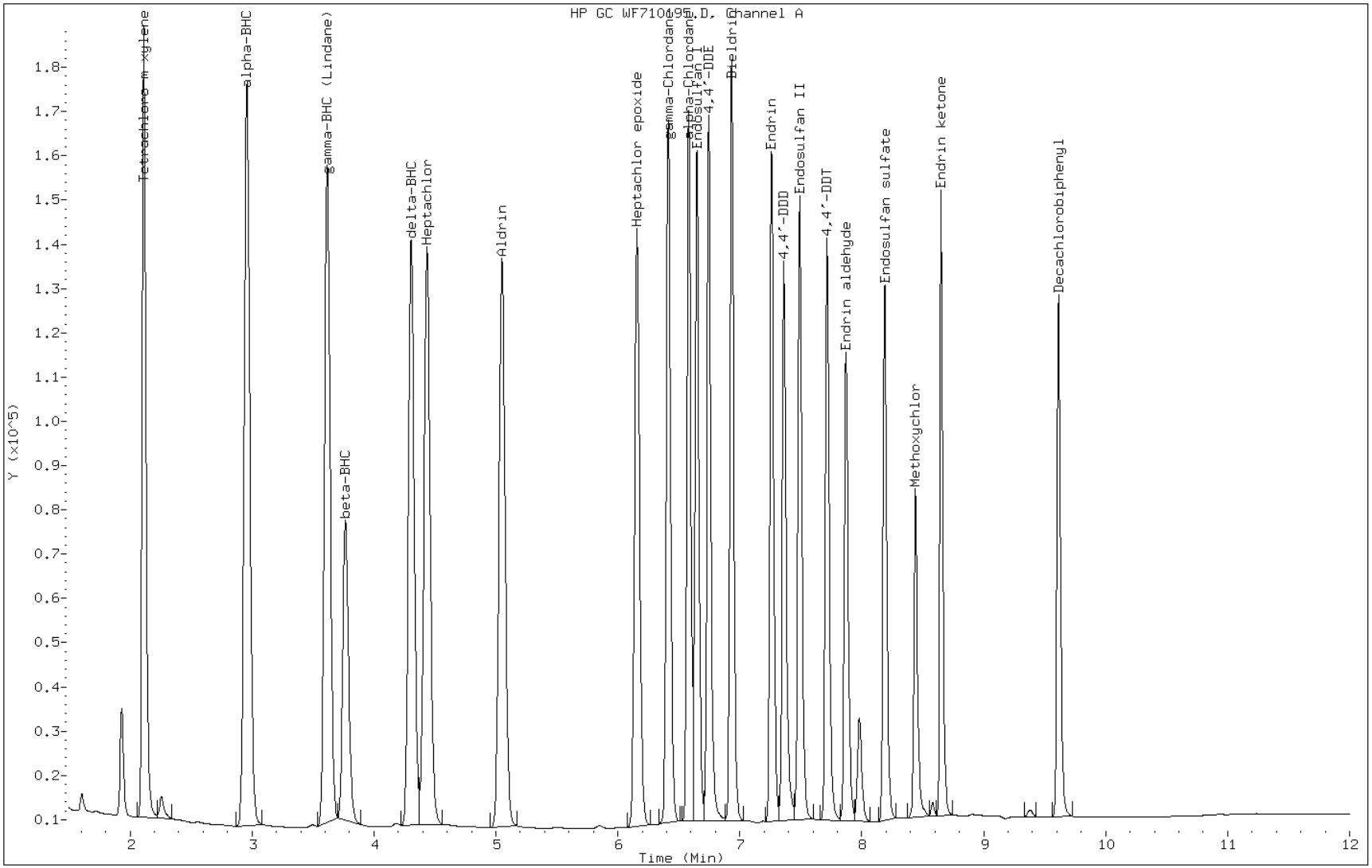
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.613	9.613	0.000	237758	100.000	98	80.00- 120.00	100.00

Data File: WF710195.D

Date: 07-MAR-2013 14:14

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150217/20 Calibration Date: 03/07/2013 14:14

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710195.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6009	5529		92.0	100	-8.0	15.0
gamma-BHC (Lindane)	Ave	5455	5083		93.2	100	-6.8	15.0
beta-BHC	Ave	2554	2357		92.3	100	-7.7	15.0
delta-BHC	Ave	5336	4923		92.3	100	-7.7	15.0
Heptachlor	Ave	4931	4970		101	100	0.8	15.0
Aldrin	Ave	4798	4849		101	100	1.1	15.0
Heptachlor epoxide	Ave	4385	4420		101	100	0.8	15.0
gamma-Chlordane	Ave	4568	4565		99.9	100	-0.0	15.0
alpha-Chlordane	Ave	4340	4364		101	100	0.6	15.0
4,4'-DDE	Ave	4256	4272		100	100	0.4	15.0
Endosulfan I	Ave	4149	4244		102	100	2.3	15.0
Dieldrin	Ave	4371	4440		102	100	1.6	15.0
Endrin	Ave	3672	3772		103	100	2.7	15.0
4,4'-DDD	Ave	3638	3507		96.4	100	-3.6	15.0
Endosulfan II	Ave	3573	3557		99.5	100	-0.5	15.0
4,4'-DDT	Ave	3645	3614		99.1	100	-0.9	15.0
Endrin aldehyde	Ave	2862	2758		96.4	100	-3.6	15.0
Methoxychlor	Ave	1876	1867		99.5	100	-0.5	15.0
Endosulfan sulfate	Ave	3263	3033		93.0	100	-7.0	15.0
Endrin ketone	Ave	3581	3080		86.0	100	-14.0	15.0
Tetrachloro-m-xylene	Ave	4413	4157		94.2	100	-5.8	15.0
DCB Decachlorobiphenyl	Ave	2948	2761		93.7	100	-6.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: CCV 460-150217/20 Calibration Date: 03/07/2013 14:14

Instrument ID: PESTGC4 Calib Start Date: 02/27/2013 06:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 02/27/2013 07:25

Lab File ID: WR710195.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.22	2.17	2.27
gamma-BHC (Lindane)	2.58	2.53	2.63
beta-BHC	2.71	2.66	2.76
delta-BHC	3.00	2.95	3.05
Heptachlor	3.36	3.31	3.41
Aldrin	3.86	3.81	3.91
Heptachlor epoxide	4.87	4.80	4.94
gamma-Chlordane	5.09	5.02	5.16
alpha-Chlordane	5.33	5.26	5.40
4,4'-DDE	5.48	5.41	5.55
Endosulfan I	5.57	5.50	5.64
Dieldrin	6.02	5.95	6.09
Endrin	6.34	6.27	6.41
4,4'-DDD	6.43	6.36	6.50
Endosulfan II	6.59	6.52	6.66
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	7.01	6.94	7.08
Methoxychlor	7.22	7.15	7.29
Endosulfan sulfate	7.47	7.40	7.54
Endrin ketone	7.78	7.71	7.85
Tetrachloro-m-xylene	1.74	1.69	1.79
DCB Decachlorobiphenyl	8.73	8.63	8.83

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710195.D
Lab Smp Id: PESTL3_00014
Inj Date : 07-MAR-2013 14:14
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00014
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
$ 28 Tetrachloro-m-xylene(surr)						CAS #: 877-09-8		
1.743	1.743	0.000	415727	100.000	94	80.00- 120.00		100.00
2 alpha-BHC						CAS #: 319-84-6		
2.217	2.217	0.000	552925	100.000	92	80.00- 120.00		100.00
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
2.580	2.580	0.000	508344	100.000	93	80.00- 120.00		100.00
3 beta-BHC						CAS #: 319-85-7		
2.707	2.707	0.000	235717	100.000	92	80.00- 120.00		100.00
4 delta-BHC						CAS #: 319-86-8		
2.997	2.997	0.000	492296	100.000	92	80.00- 120.00		100.00

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
17 Heptachlor						CAS #: 76-44-8		
3.357	3.357	0.000	497008	100.000	100	80.00- 120.00		100.00
1 Aldrin						CAS #: 72-55-9		
3.857	3.857	0.000	484919	100.000	100	80.00- 120.00		100.00
18 Heptachlor epoxide						CAS #: 1024-57-3		
4.873	4.873	0.000	442049	100.000	100	80.00- 120.00		100.00
65 gamma-Chlordane						CAS #: 5103-74-2		
5.090	5.090	0.000	456501	100.000	100	80.00- 120.00		100.00
66 alpha-Chlordane						CAS #: 5103-71-9		
5.327	5.327	0.000	436383	100.000	100	80.00- 120.00		100.00
8 4,4'-DDE						CAS #: 72-55-9		
5.477	5.477	0.000	427195	100.000	100	80.00- 120.00		100.00
11 Endosulfan I						CAS #: 959-98-8		
5.573	5.573	0.000	424444	100.000	100	80.00- 120.00		100.00
10 Dieldrin						CAS #: 60-57-1		
6.020	6.020	0.000	443960	100.000	100	80.00- 120.00		100.00
14 Endrin						CAS #: 72-20-8		
6.343	6.343	0.000	377245	100.000	100	80.00- 120.00		100.00
7 4,4'-DDD						CAS #: 72-54-8		
6.427	6.427	0.000	350710	100.000	96	80.00- 120.00		100.00
12 Endosulfan II						CAS #: 33213-65-9		
6.590	6.590	0.000	355663	100.000	100	80.00- 120.00		100.00
9 4,4'-DDT						CAS #: 50-29-3		
6.720	6.720	0.000	361356	100.000	99	80.00- 120.00		100.00
15 Endrin aldehyde						CAS #: 7421-93-4		
7.010	7.010	0.000	275806	100.000	96	80.00- 120.00		100.00
19 Methoxychlor						CAS #: 72-43-5		
7.223	7.223	0.000	186679	100.000	100	80.00- 120.00		100.00
13 Endosulfan sulfate						CAS #: 1031-07-8		
7.470	7.470	0.000	303324	100.000	93	80.00- 120.00		100.00
16 Endrin ketone						CAS #: 53494-70-5		
7.777	7.777	0.000	308002	100.000	86	80.00- 120.00		100.00

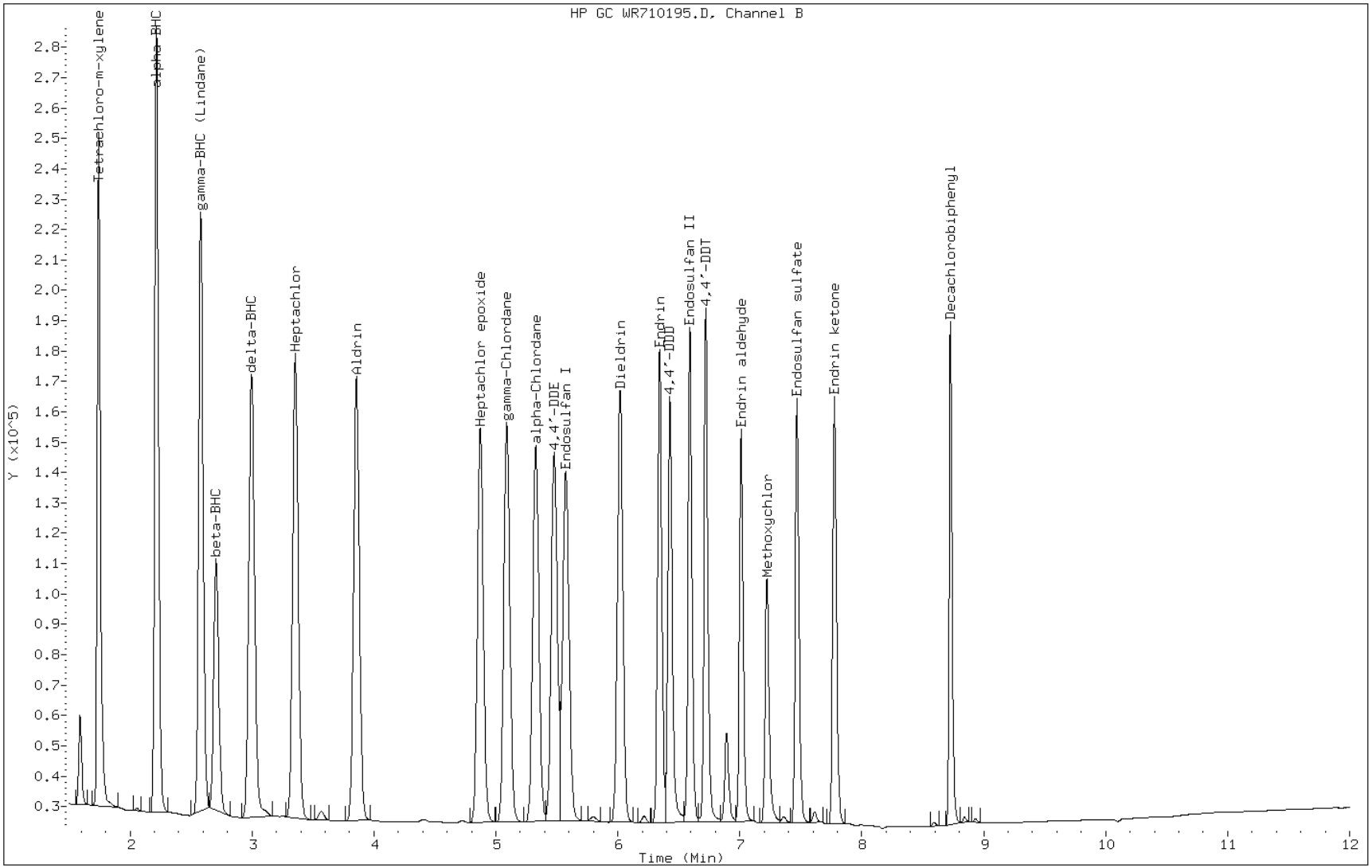
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	========	=======	=======	==========	=====
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
8.727	8.727	0.000	276137	100.000	94	80.00- 120.00	100.00

Data File: WR710195.D

Date: 07-MAR-2013 14:14

Client ID: Instrument: PESTGC4.i

Sample Info: SGPESTL3_00014 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-148935/1-A

Matrix: Water Lab File ID: WF710117.D

Analysis Method: 8081A Date Collected:

Extraction Method: 3510C Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) Date Analyzed: 03/06/2013 19:34

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	116		38-150
2051-24-3	DCB Decachlorobiphenyl	107		14-138

Data File: WF710117.D
Report Date: 07-Mar-2013 10:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710117.D
Lab Smp Id: MB 460-148935/1-A
Inj Date : 06-MAR-2013 19:34
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-148935/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

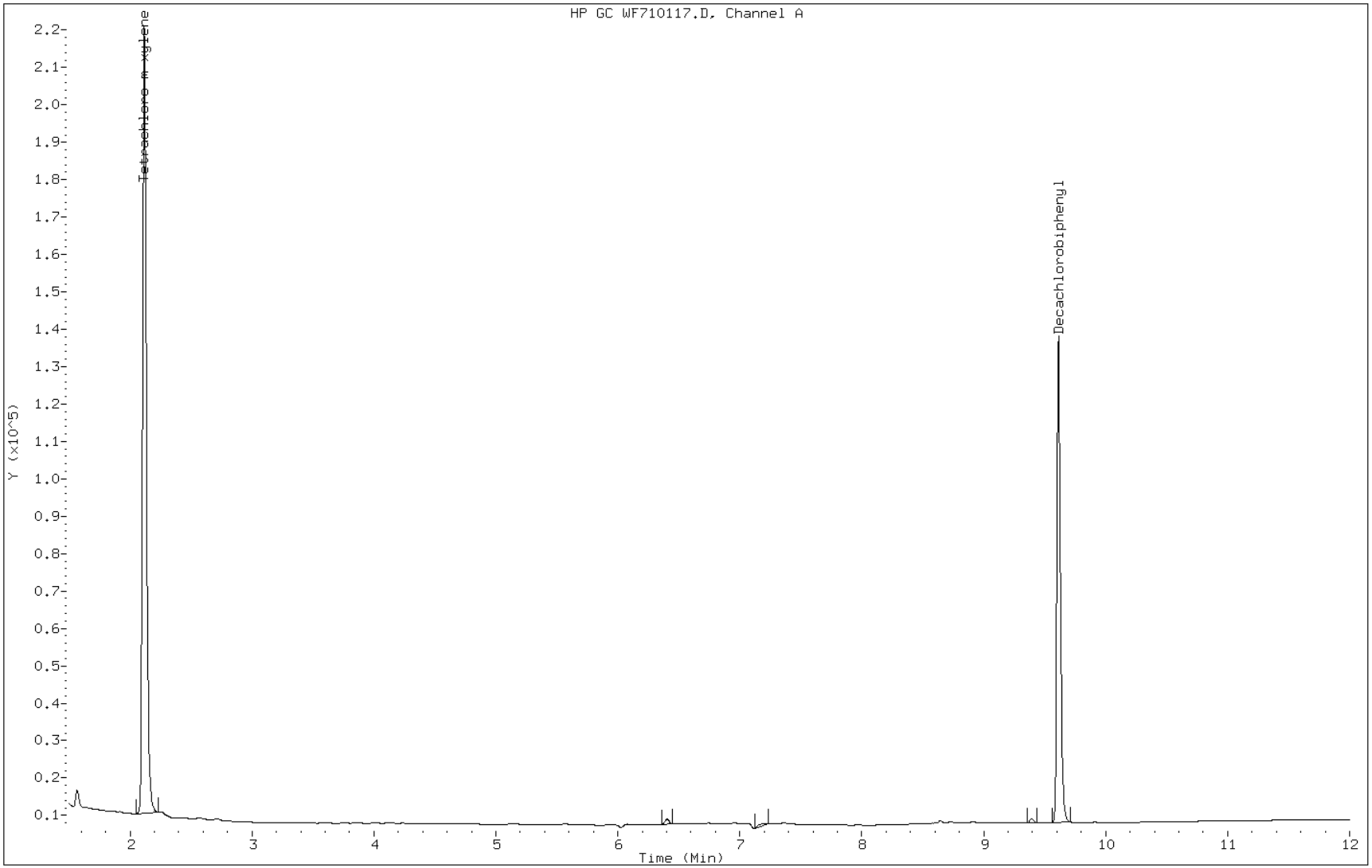
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	457066	115.834	0.58	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	258901	106.567	0.53	80.00- 120.00	100.00

Data File: WF710117.D

Date: 06-MAR-2013 19:34

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-148935/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-148935/1-A

Matrix: Water | Lab File ID: WR710117.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 19:34

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
60-57-1	Dieldrin	0.050	U	0.050	0.0050
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		38-150
2051-24-3	DCB Decachlorobiphenyl	115		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710117.D
Lab Smp Id: MB 460-148935/1-A
Inj Date : 06-MAR-2013 19:34
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-148935/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

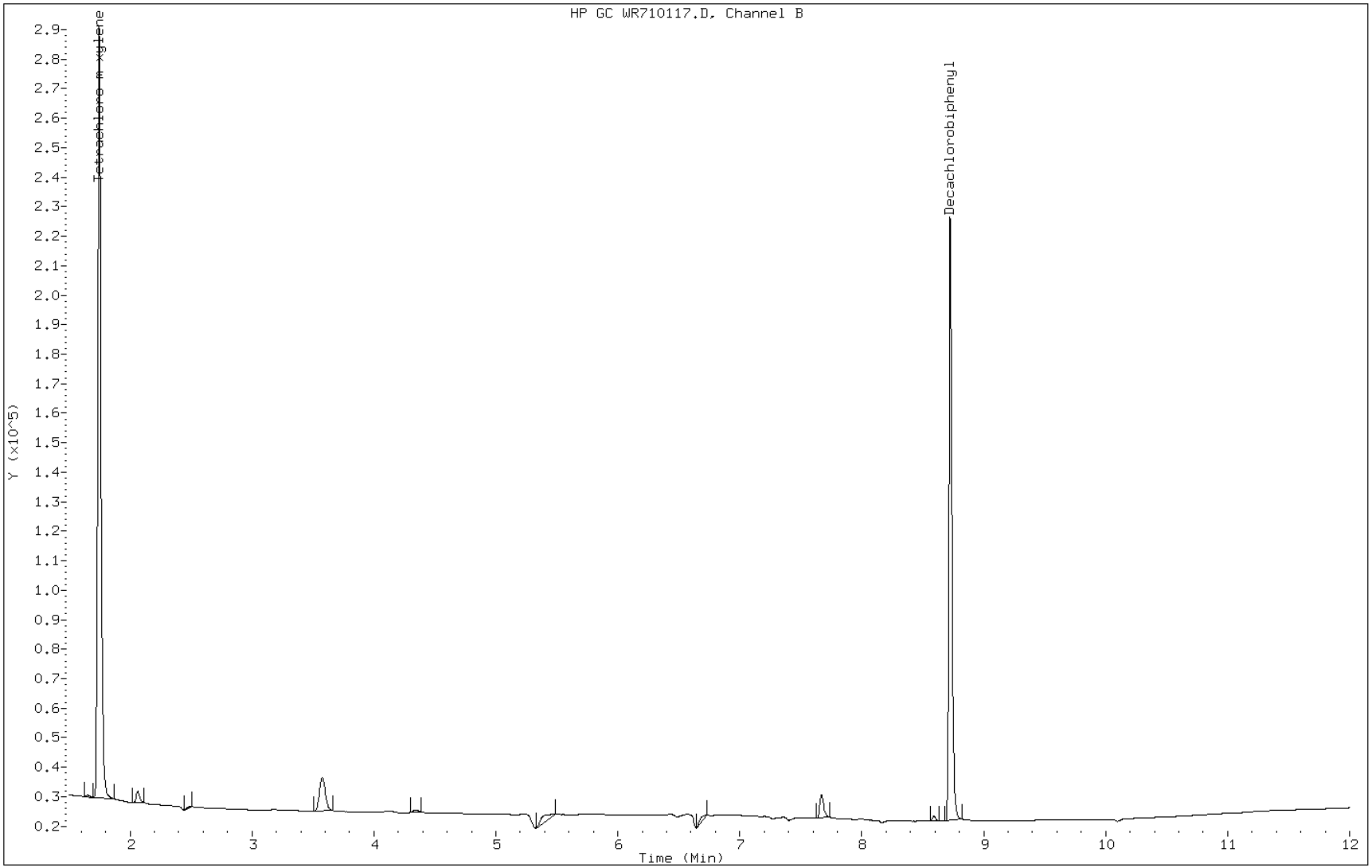
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	483145	109.490	0.55	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	339108	115.015	0.58	80.00- 120.00	100.00

Data File: WR710117.D

Date: 06-MAR-2013 19:34

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-148935/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-149023/1-A

Matrix: Water Lab File ID: WF710178.D

Analysis Method: 8081A Date Collected:

Extraction Method: 3510C Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2013 10:01

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		38-150
2051-24-3	DCB Decachlorobiphenyl	106		14-138

Data File: WF710178.D
Report Date: 08-Mar-2013 06:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710178.D
Lab Smp Id: MB 460-149023/1-A
Inj Date : 07-MAR-2013 10:01
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-149023/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

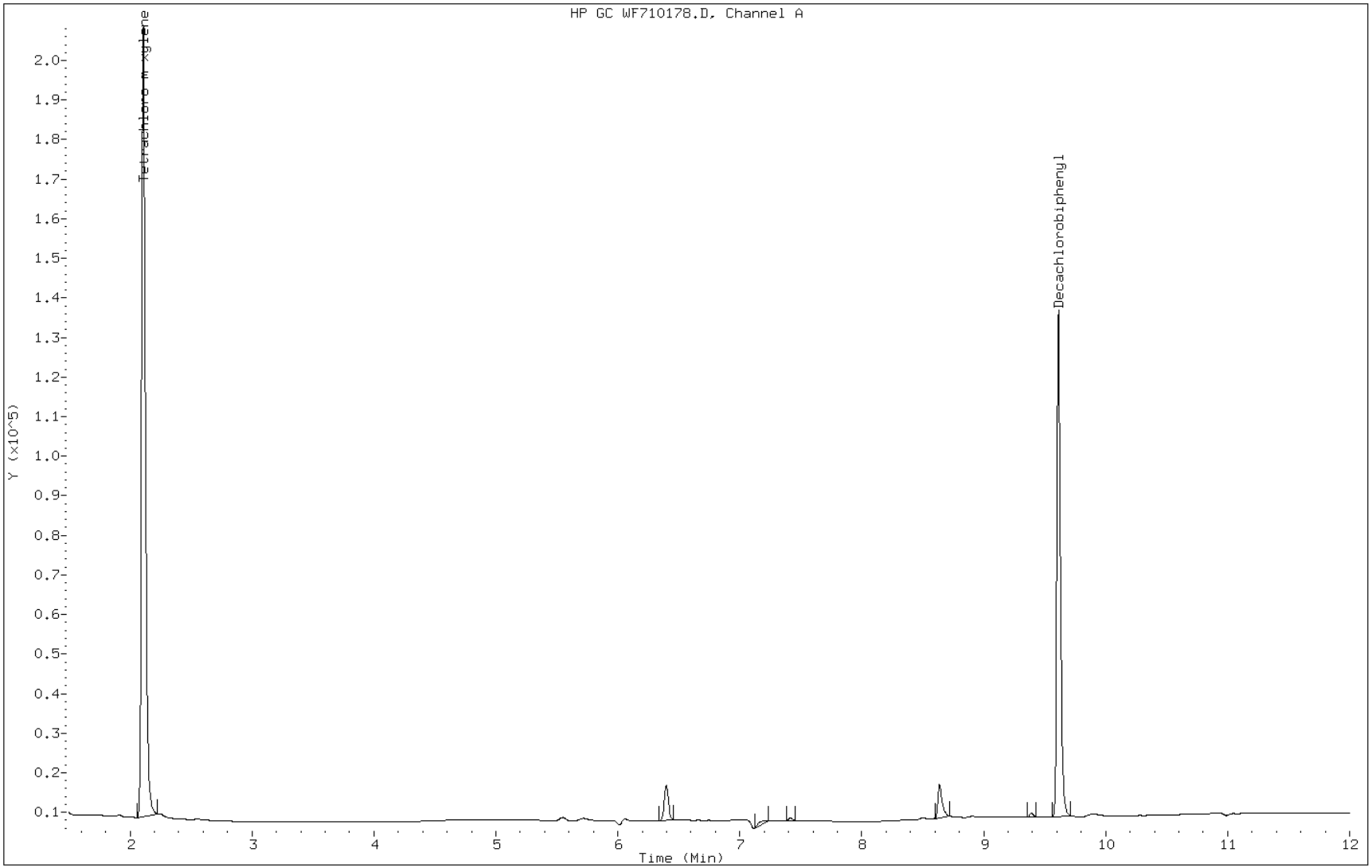
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	431367	109.321	0.55	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	257766	106.100	0.53	80.00- 120.00	100.00

Data File: WF710178.D

Date: 07-MAR-2013 10:01

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-149023/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-149023/1-A

Matrix: Water | Lab File ID: WR710178.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2013 10:01

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.010
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
60-57-1	Dieldrin	0.050	U	0.050	0.0050
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
72-20-8	Endrin	0.050	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
76-44-8	Heptachlor	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	103		38-150
2051-24-3	DCB Decachlorobiphenyl	114		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710178.D
Lab Smp Id: MB 460-149023/1-A
Inj Date : 07-MAR-2013 10:01
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-149023/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

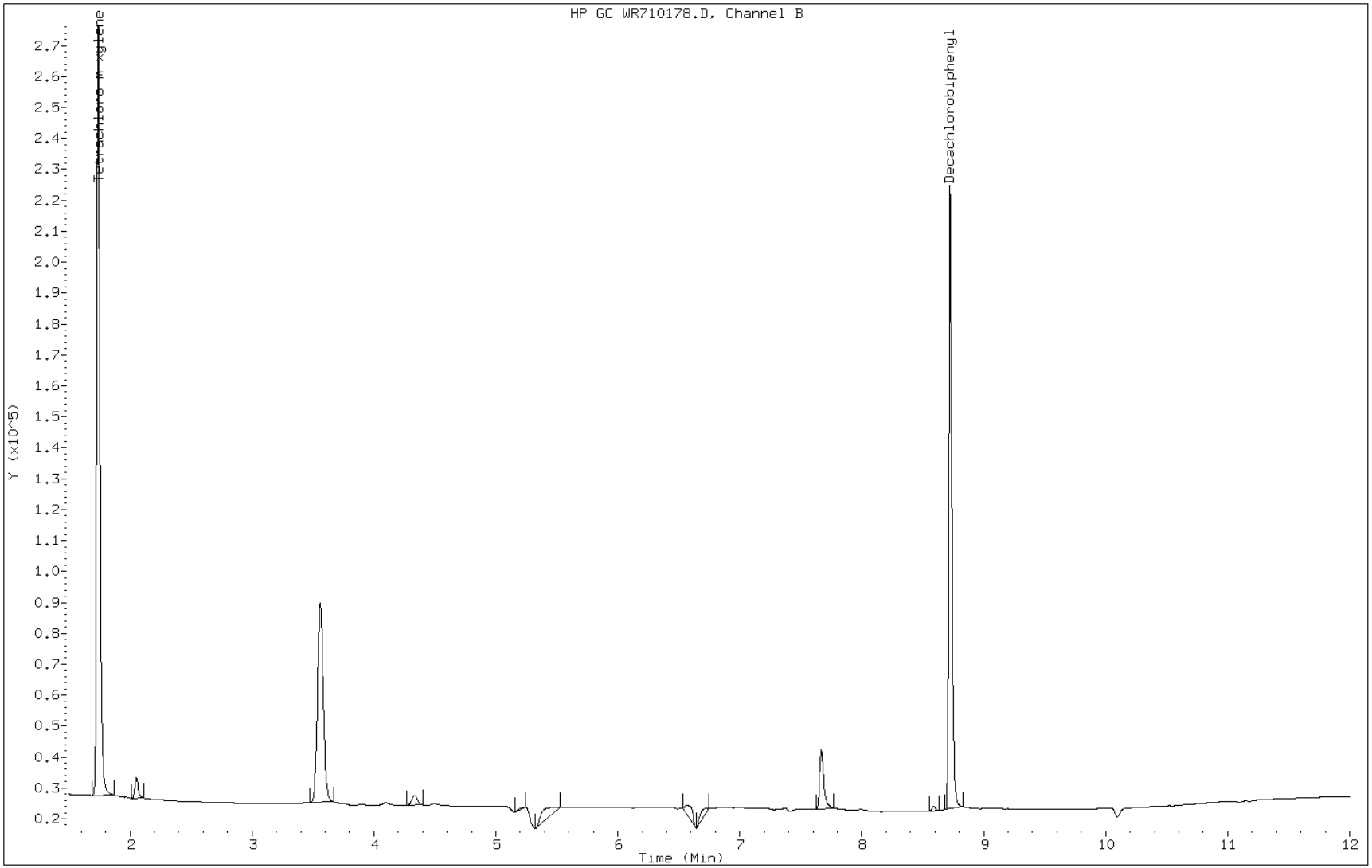
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.740	1.743	-0.003	453511	102.775	0.51	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	335965	113.949	0.57	80.00- 120.00	100.00

Data File: WR710178.D

Date: 07-MAR-2013 10:01

Client ID: Instrument: PESTGC4.i

Sample Info: MB 460-149023/1-A Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-148935/2-A

Matrix: Water | Lab File ID: WF709968.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/05/2013 07:05

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149753 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.81		0.050	0.010
319-84-6	alpha-BHC	1.87		0.050	0.010
319-85-7	*beta-BHC*	*1.85*		*0.050*	*0.011*
319-86-8	delta-BHC	1.84		0.050	0.0090
58-89-9	gamma-BHC (Lindane)	1.86		0.050	0.012
57-74-9	*Chlordane*	*0.50*	*U*	*0.50*	*0.33*
72-54-8	*4,4'-DDD*	*1.84*		*0.050*	*0.011*
72-55-9	4,4'-DDE	1.89		0.050	0.0090
50-29-3	4,4'-DDT	1.83		0.050	0.010
60-57-1	Dieldrin	1.70		0.050	0.0050
959-98-8	Endosulfan I	1.87		0.050	0.0090
33213-65-9	Endosulfan II	1.83		0.050	0.010
1031-07-8	Endosulfan sulfate	1.82		0.050	0.016
72-20-8	*Endrin*	*1.87*		*0.050*	*0.010*
7421-93-4	*Endrin aldehyde*	*1.85*		*0.050*	*0.0090*
53494-70-5	Endrin ketone	2.00		0.050	0.011
76-44-8	Heptachlor	2.00		0.050	0.010
1024-57-3	*Heptachlor epoxide*	*1.80*		*0.050*	*0.010*
72-43-5	Methoxychlor	1.85		0.050	0.013
8001-35-2	*Toxaphene*	*0.50*	*U*	*0.50*	*0.20*
5103-74-2	*gamma-Chlordane*	*1.84*		*0.050*	*0.0090*
5103-71-9	alpha-Chlordane	1.83		0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	111		38-150
2051-24-3	DCB Decachlorobiphenyl	105		14-138

Data File: WF709968.D
Report Date: 05-Mar-2013 11:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/WF709968.D
Lab Smp Id: LCS 460-148935/2-A
Inj Date : 05-MAR-2013 07:05
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-148935/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-05-13/05mar13a.b/08Wf8081.m
Meth Date : 05-Mar-2013 11:04 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.113	2.110	0.003	436260	110.561	0.55	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.960	2.957	0.003	2124874	373.466	1.9	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.620	3.613	0.007	1865916	372.749	1.9	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.767	3.763	0.004	897467	369.555	1.8	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.307	4.303	0.004	1763400	367.944	1.8	80.00- 120.00	100.00

Data File: WF709968.D
Report Date: 05-Mar-2013 11:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.437	4.433	0.004	1643318	399.448	2.0	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.050	5.050	0.000	1633226	362.664	1.8	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.160	6.157	0.003	1418295	359.619	1.8	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.413	6.413	0.000	1417549	368.437	1.8	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.583	6.580	0.003	1293192	365.917	1.8	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.650	6.650	0.000	1265169	374.425	1.9	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.743	6.743	0.000	1292527	378.692	1.9	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.933	6.933	0.000	1239397	340.814	1.7	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.263	7.263	0.000	1205700	374.741	1.9	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.360	7.363	-0.003	1144415	367.469	1.8	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.493	7.493	0.000	1151543	365.238	1.8	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.717	7.717	0.000	1111977	365.633	1.8	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.873	7.873	0.000	921872	370.602	1.8	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.190	8.190	0.000	989604	364.302	1.8	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.440	8.440	0.000	551678	370.425	1.8	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.650	8.653	-0.003	1109792	399.019	2.0	80.00- 120.00	100.00

Data File: WF709968.D
Report Date: 05-Mar-2013 11:04

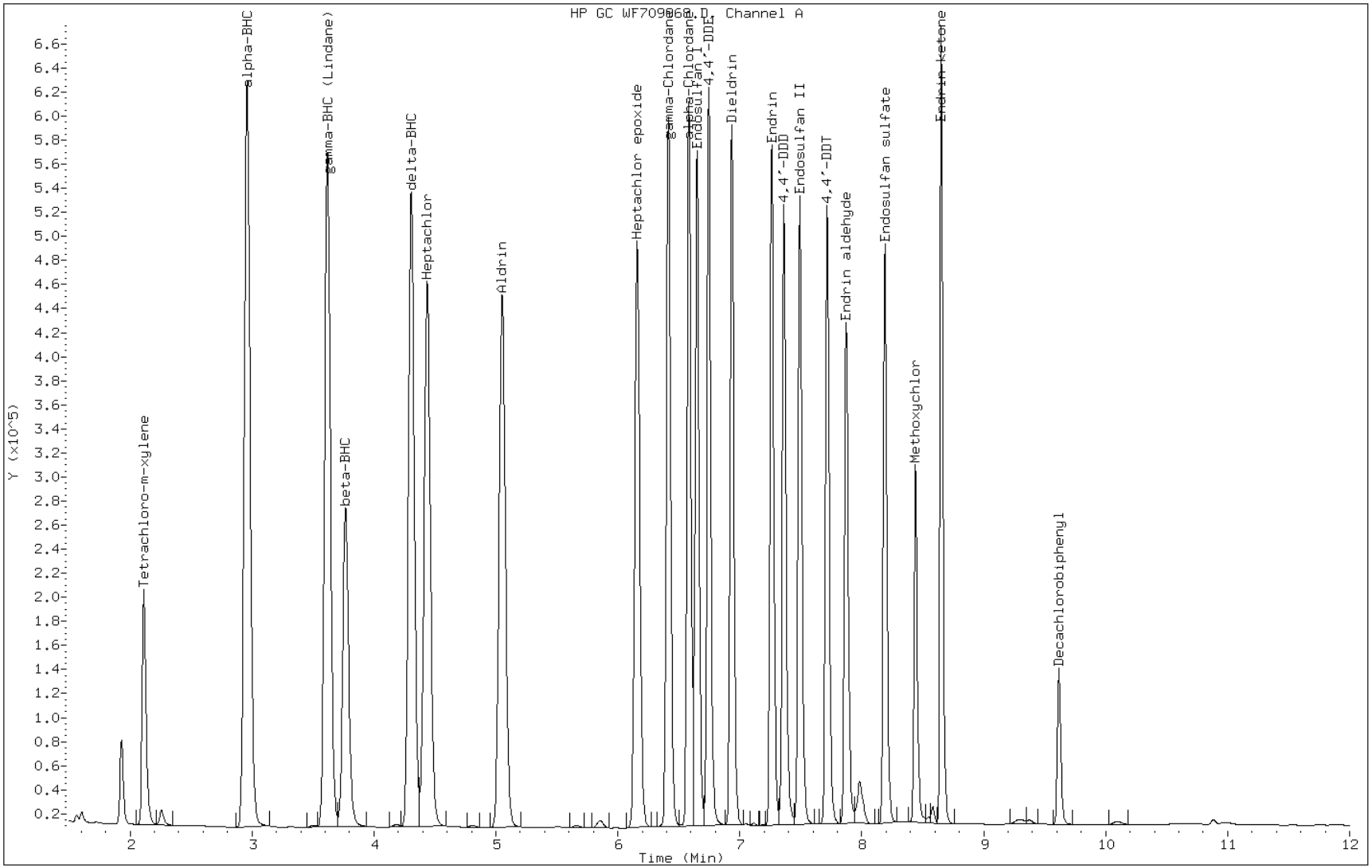
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.617	9.617	0.000	255676	105.240	0.53	80.00- 120.00	100.00

Data File: WF709968.D

Date: 05-MAR-2013 07:05

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-148935/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-148935/2-A

Matrix: Water | Lab File ID: WR709968.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/05/2013 07:05

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 149753 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*1.78*		*0.050*	*0.010*
319-84-6	*alpha-BHC*	*1.77*		*0.050*	*0.010*
319-85-7	beta-BHC	1.85		0.050	0.011
319-86-8	*delta-BHC*	*1.81*		*0.050*	*0.0090*
58-89-9	*gamma-BHC (Lindane)*	*1.79*		*0.050*	*0.012*
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	1.85		0.050	0.011
72-55-9	*4,4'-DDE*	*1.87*		*0.050*	*0.0090*
50-29-3	*4,4'-DDT*	*1.80*		*0.050*	*0.010*
60-57-1	*Dieldrin*	*1.70*		*0.050*	*0.0050*
959-98-8	*Endosulfan I*	*1.85*		*0.050*	*0.0090*
33213-65-9	*Endosulfan II*	*1.75*		*0.050*	*0.010*
1031-07-8	*Endosulfan sulfate*	*1.73*		*0.050*	*0.016*
72-20-8	Endrin	1.87		0.050	0.010
7421-93-4	Endrin aldehyde	1.89		0.050	0.0090
53494-70-5	*Endrin ketone*	*1.88*		*0.050*	*0.011*
76-44-8	*Heptachlor*	*1.75*		*0.050*	*0.010*
1024-57-3	Heptachlor epoxide	1.81		0.050	0.010
72-43-5	*Methoxychlor*	*1.75*		*0.050*	*0.013*
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	1.85		0.050	0.0090
5103-71-9	*alpha-Chlordane*	*1.74*		*0.050*	*0.0080*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		38-150
2051-24-3	DCB Decachlorobiphenyl	110		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/WR709968.D
Lab Smp Id: LCS 460-148935/2-A
Inj Date : 05-MAR-2013 07:05
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-148935/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b/08Wr8081.m
Meth Date : 05-Mar-2013 09:27 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.743	1.740	0.003	464524	105.270	0.53	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.217	2.213	0.004	2132601	354.895	1.8	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.580	2.577	0.003	1950642	357.600	1.8	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.703	2.700	0.003	946632	370.588	1.8	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.997	2.993	0.004	1935450	362.735	1.8	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.357	3.353	0.004	1730434	350.940	1.8	80.00- 120.00	100.00
1 Aldrin					CAS #: 72-55-9		
3.857	3.853	0.004	1704319	355.238	1.8	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.873	4.870	0.003	1587497	362.015	1.8	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.090	5.087	0.003	1692811	370.612	1.8	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.327	5.327	0.000	1509180	347.765	1.7	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
5.477	5.477	0.000	1593667	374.440	1.9	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.573	5.573	0.000	1539021	370.959	1.8	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.020	6.017	0.003	1487864	340.424	1.7	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.343	6.340	0.003	1376937	374.984	1.9	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.427	6.427	0.000	1344192	369.523	1.8	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.590	6.590	0.000	1252562	350.541	1.8	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.720	6.720	0.000	1314950	360.709	1.8	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.010	7.010	0.000	1081445	377.925	1.9	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.223	7.223	0.000	657271	350.434	1.8	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.470	7.470	0.000	1131526	346.756	1.7	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
7.777	7.777	0.000	1344737	375.551	1.9	80.00- 120.00	100.00

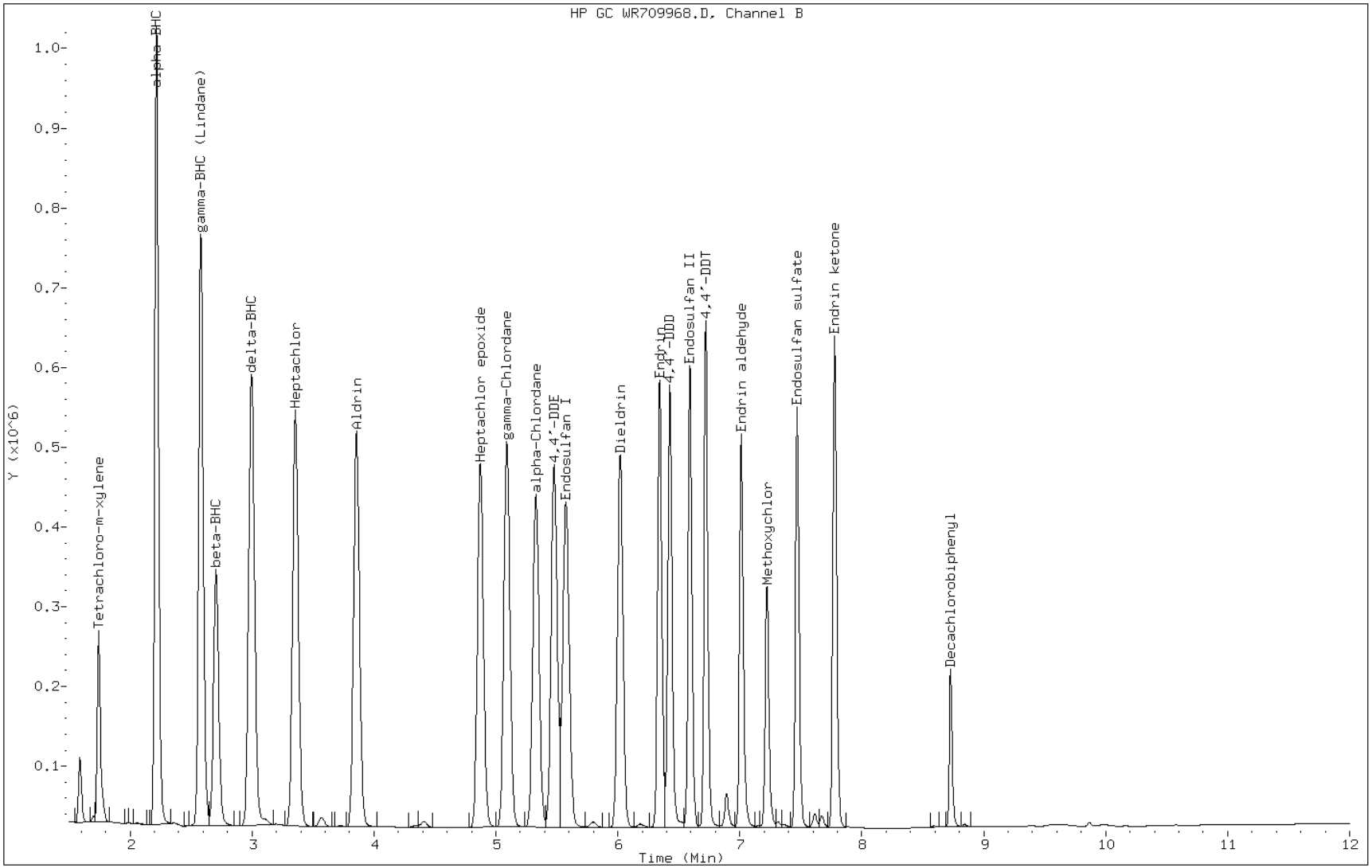
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.727	8.727	0.000	322966	109.540	0.55	80.00- 120.00	100.00

Data File: WR709968.D

Date: 05-MAR-2013 07:05

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-148935/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-149023/2-A

Matrix: Water | Lab File ID: WF710179.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2013 10:15

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.28		0.050	0.010
319-84-6	alpha-BHC	2.35		0.050	0.010
319-85-7	*beta-BHC*	*2.30*		*0.050*	*0.011*
319-86-8	*delta-BHC*	*2.32*		*0.050*	*0.0090*
58-89-9	gamma-BHC (Lindane)	2.33		0.050	0.012
57-74-9	*Chlordane*	*0.50*	*U*	*0.50*	*0.33*
72-54-8	*4,4'-DDD*	*2.32*		*0.050*	*0.011*
72-55-9	4,4'-DDE	2.42		0.050	0.0090
50-29-3	4,4'-DDT	2.31		0.050	0.010
60-57-1	Dieldrin	2.13		0.050	0.0050
959-98-8	Endosulfan I	2.32		0.050	0.0090
33213-65-9	Endosulfan II	2.28		0.050	0.010
1031-07-8	Endosulfan sulfate	2.29		0.050	0.016
72-20-8	Endrin	2.28		0.050	0.010
7421-93-4	*Endrin aldehyde*	*2.25*		*0.050*	*0.0090*
53494-70-5	Endrin ketone	2.64		0.050	0.011
76-44-8	Heptachlor	2.45		0.050	0.010
1024-57-3	*Heptachlor epoxide*	*2.21*		*0.050*	*0.010*
72-43-5	Methoxychlor	2.29		0.050	0.013
8001-35-2	*Toxaphene*	*0.50*	*U*	*0.50*	*0.20*
5103-74-2	gamma-Chlordane	2.33		0.050	0.0090
5103-71-9	alpha-Chlordane	2.30		0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	139		38-150
2051-24-3	DCB Decachlorobiphenyl	125		14-138

Data File: WF710179.D
Report Date: 08-Mar-2013 06:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710179.D
Lab Smp Id: LCS 460-149023/2-A
Inj Date : 07-MAR-2013 10:15
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-149023/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	548702	139.057	0.70	80.00- 120.00	100.00(R)
2 alpha-BHC					CAS #: 319-84-6		
2.953	2.957	-0.004	2671518	469.543	2.3	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.610	3.617	-0.007	2337711	466.998	2.3	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.760	3.767	-0.007	1117500	460.160	2.3	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.297	4.307	-0.010	2222593	463.757	2.3	80.00- 120.00	100.00

Data File: WF710179.D
Report Date: 08-Mar-2013 06:39

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.427	4.433	-0.006	2014166	489.592	2.4	80.00- 120.00	100.00(R)
1 Aldrin					CAS #: 309-00-2		
5.043	5.050	-0.007	2052303	455.721	2.3	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.150	6.157	-0.007	1742434	441.807	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.407	6.413	-0.006	1789253	465.047	2.3	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.577	6.580	-0.003	1622903	459.211	2.3	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.643	6.650	-0.007	1567703	463.960	2.3	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.740	6.743	-0.003	1653109	484.337	2.4	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.927	6.933	-0.006	1550555	426.378	2.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.257	7.260	-0.003	1469571	456.754	2.3	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.357	7.360	-0.003	1443647	463.551	2.3	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.487	7.490	-0.003	1438226	456.167	2.3	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.710	7.713	-0.003	1407963	462.958	2.3	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.867	7.870	-0.003	1117543	449.264	2.2	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.183	8.190	-0.007	1244348	458.081	2.3	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.437	8.440	-0.003	681007	457.263	2.3	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.647	8.650	-0.003	1468835	528.111	2.6	80.00- 120.00	100.00(AR)

Data File: WF710179.D
Report Date: 08-Mar-2013 06:39

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.610	9.613	-0.003	304047	125.150	0.62	80.00- 120.00	100.00

QC Flag Legend

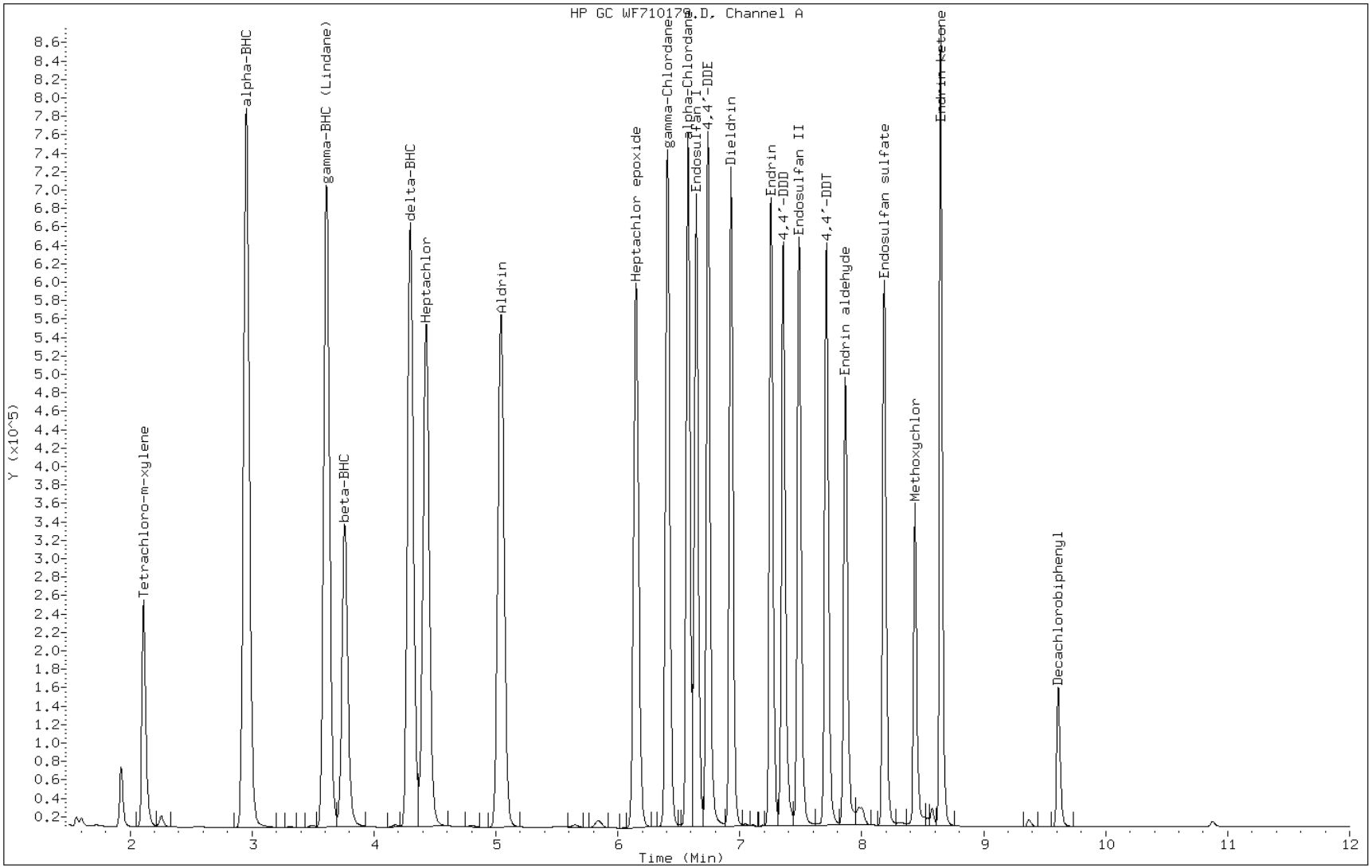
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: WF710179.D

Date: 07-MAR-2013 10:15

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-149023/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-149023/2-A

Matrix: Water | Lab File ID: WR710179.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2013 10:15

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*2.24*		*0.050*	*0.010*
319-84-6	*alpha-BHC*	*2.30*		*0.050*	*0.010*
319-85-7	beta-BHC	2.32		0.050	0.011
319-86-8	delta-BHC	2.32		0.050	0.0090
58-89-9	*gamma-BHC (Lindane)*	*2.27*		*0.050*	*0.012*
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	2.33		0.050	0.011
72-55-9	*4,4'-DDE*	*2.33*		*0.050*	*0.0090*
50-29-3	*4,4'-DDT*	*2.23*		*0.050*	*0.010*
60-57-1	*Dieldrin*	*2.10*		*0.050*	*0.0050*
959-98-8	*Endosulfan I*	*2.30*		*0.050*	*0.0090*
33213-65-9	*Endosulfan II*	*2.14*		*0.050*	*0.010*
1031-07-8	*Endosulfan sulfate*	*2.14*		*0.050*	*0.016*
72-20-8	*Endrin*	*2.26*		*0.050*	*0.010*
7421-93-4	Endrin aldehyde	2.26		0.050	0.0090
53494-70-5	*Endrin ketone*	*2.41*		*0.050*	*0.011*
76-44-8	*Heptachlor*	*2.13*		*0.050*	*0.010*
1024-57-3	Heptachlor epoxide	2.21		0.050	0.010
72-43-5	*Methoxychlor*	*2.07*		*0.050*	*0.013*
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	*gamma-Chlordane*	*2.32*		*0.050*	*0.0090*
5103-71-9	*alpha-Chlordane*	*2.01*		*0.050*	*0.0080*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	131		38-150
2051-24-3	DCB Decachlorobiphenyl	132		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710179.D
Lab Smp Id: LCS 460-149023/2-A
Inj Date : 07-MAR-2013 10:15
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-149023/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.740	1.743	-0.003	577182	130.801	0.65	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.213	2.217	-0.004	2769626	460.905	2.3	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.577	2.580	-0.003	2473198	453.397	2.3	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.700	2.707	-0.007	1183403	463.279	2.3	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.990	2.997	-0.007	2478292	464.473	2.3	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.350	3.357	-0.007	2105212	426.947	2.1	80.00- 120.00	100.00
1 Aldrin					CAS #: 72-55-9		
3.850	3.857	-0.007	2147679	447.649	2.2	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.863	4.873	-0.010	1941219	442.679	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.080	5.090	-0.010	2120667	464.284	2.3	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.317	5.327	-0.010	1742046	401.425	2.0	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
5.467	5.477	-0.010	1981492	465.562	2.3	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.563	5.573	-0.010	1907435	459.760	2.3	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.010	6.020	-0.010	1835389	419.939	2.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.337	6.343	-0.006	1662702	452.807	2.3	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.420	6.427	-0.007	1696550	466.387	2.3	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.583	6.590	-0.007	1530962	428.454	2.1	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.713	6.720	-0.007	1625592	445.923	2.2	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.003	7.010	-0.007	1292649	451.733	2.2	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.217	7.223	-0.006	777178	414.364	2.1	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.463	7.470	-0.007	1395604	427.683	2.1	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
7.770	7.777	-0.007	1723474	481.322	2.4	80.00- 120.00	100.00

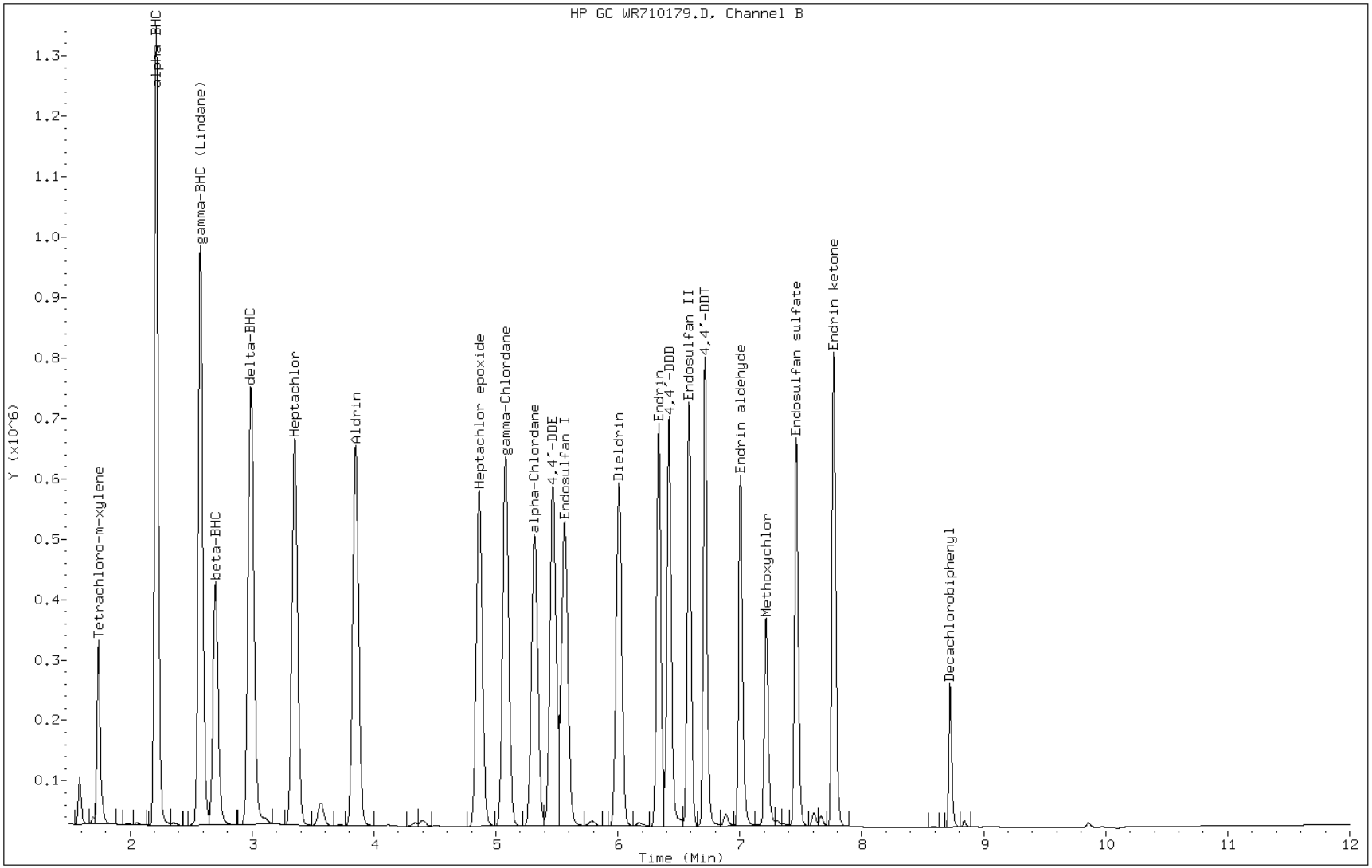
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	389341	132.052	0.66	80.00- 120.00	100.00

Data File: WR710179.D

Date: 07-MAR-2013 10:15

Client ID: Instrument: PESTGC4.i

Sample Info: LCS 460-149023/2 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-149023/3-A

Matrix: Water | Lab File ID: WF710180.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2013 10:29

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.28		0.050	0.010
319-84-6	alpha-BHC	2.36		0.050	0.010
319-85-7	*beta-BHC*	*2.31*		*0.050*	*0.011*
319-86-8	*delta-BHC*	*2.32*		*0.050*	*0.0090*
58-89-9	gamma-BHC (Lindane)	2.34		0.050	0.012
57-74-9	*Chlordane*	*0.50*	*U*	*0.50*	*0.33*
72-54-8	*4,4'-DDD*	*2.38*		*0.050*	*0.011*
72-55-9	4,4'-DDE	2.44		0.050	0.0090
50-29-3	4,4'-DDT	2.32		0.050	0.010
60-57-1	Dieldrin	2.16		0.050	0.0050
959-98-8	*Endosulfan I*	*2.29*		*0.050*	*0.0090*
33213-65-9	Endosulfan II	2.24		0.050	0.010
1031-07-8	Endosulfan sulfate	2.31		0.050	0.016
72-20-8	Endrin	2.30		0.050	0.010
7421-93-4	*Endrin aldehyde*	*2.14*		*0.050*	*0.0090*
53494-70-5	Endrin ketone	2.72		0.050	0.011
76-44-8	Heptachlor	2.46		0.050	0.010
1024-57-3	*Heptachlor epoxide*	*2.21*		*0.050*	*0.010*
72-43-5	Methoxychlor	2.32		0.050	0.013
8001-35-2	*Toxaphene*	*0.50*	*U*	*0.50*	*0.20*
5103-74-2	gamma-Chlordane	2.36		0.050	0.0090
5103-71-9	alpha-Chlordane	2.34		0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	140		38-150
2051-24-3	DCB Decachlorobiphenyl	126		14-138

Data File: WF710180.D
Report Date: 08-Mar-2013 06:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/WF710180.D
Lab Smp Id: LCSD 460-149023/3-A
Inj Date : 07-MAR-2013 10:29
Operator : Inst ID: PESTGC4.i
Smp Info : LCSD 460-149023/3
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-07-13/07mar13b.b/08Wf8081.m
Meth Date : 08-Mar-2013 06:20 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.110	2.113	-0.003	552187	139.941	0.70	80.00- 120.00	100.00(R)
2 alpha-BHC					CAS #: 319-84-6		
2.953	2.957	-0.004	2680401	471.104	2.4	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.610	3.617	-0.007	2345614	468.577	2.3	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.760	3.767	-0.007	1120019	461.197	2.3	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.297	4.307	-0.010	2224044	464.060	2.3	80.00- 120.00	100.00

Data File: WF710180.D
Report Date: 08-Mar-2013 06:39

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.427	4.433	-0.006	2023320	491.817	2.4	80.00- 120.00	100.00(R)
1 Aldrin					CAS #: 309-00-2		
5.040	5.050	-0.010	2053339	455.951	2.3	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.150	6.157	-0.007	1746067	442.728	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.407	6.413	-0.006	1815468	471.861	2.4	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.577	6.580	-0.003	1655140	468.333	2.3	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.643	6.650	-0.007	1547191	457.890	2.3	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.740	6.743	-0.003	1662652	487.133	2.4	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.927	6.933	-0.006	1572368	432.376	2.2	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.257	7.260	-0.003	1477384	459.182	2.3	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.357	7.360	-0.003	1479449	475.047	2.4	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.487	7.490	-0.003	1413163	448.217	2.2	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.710	7.713	-0.003	1410234	463.705	2.3	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.867	7.870	-0.003	1063472	427.527	2.1	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.183	8.190	-0.007	1257016	462.744	2.3	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.437	8.440	-0.003	690109	463.375	2.3	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.647	8.650	-0.003	1514095	544.384	2.7	80.00- 120.00	100.00(AR)

Data File: WF710180.D
Report Date: 08-Mar-2013 06:39

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.610	9.613	-0.003	306542	126.177	0.63	80.00- 120.00	100.00

QC Flag Legend

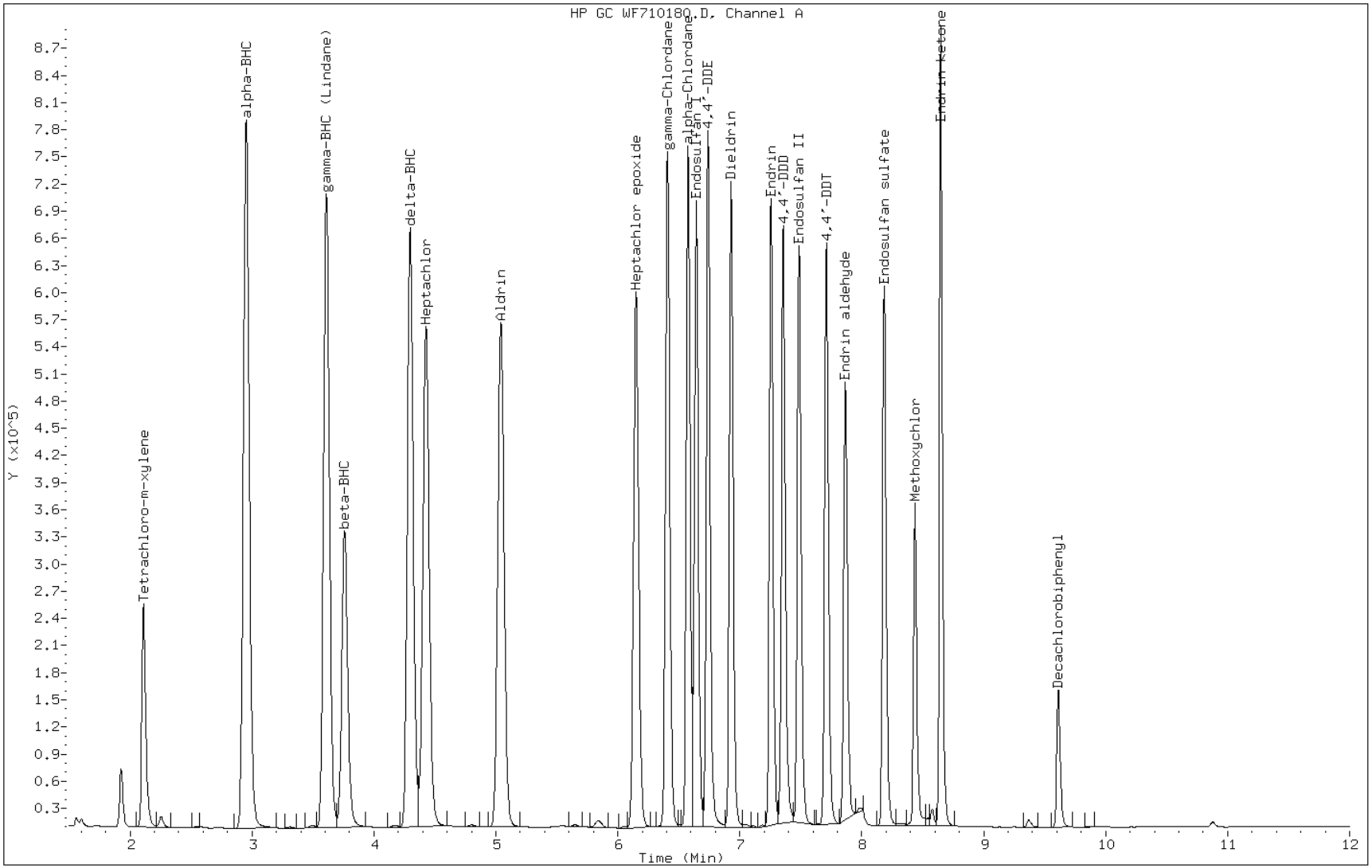
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: WF710180.D

Date: 07-MAR-2013 10:29

Client ID: Instrument: PESTGC4.i

Sample Info: LCSD 460-149023/3 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-149023/3-A

Matrix: Water | Lab File ID: WR710180.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/28/2013 08:13

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2013 10:29

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150217 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*2.23*		*0.050*	*0.010*
319-84-6	*alpha-BHC*	*2.31*		*0.050*	*0.010*
319-85-7	beta-BHC	2.32		0.050	0.011
319-86-8	delta-BHC	2.33		0.050	0.0090
58-89-9	*gamma-BHC (Lindane)*	*2.28*		*0.050*	*0.012*
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	2.44		0.050	0.011
72-55-9	*4,4'-DDE*	*2.36*		*0.050*	*0.0090*
50-29-3	*4,4'-DDT*	*2.27*		*0.050*	*0.010*
60-57-1	*Dieldrin*	*2.11*		*0.050*	*0.0050*
959-98-8	Endosulfan I	2.30		0.050	0.0090
33213-65-9	*Endosulfan II*	*2.16*		*0.050*	*0.010*
1031-07-8	*Endosulfan sulfate*	*2.16*		*0.050*	*0.016*
72-20-8	*Endrin*	*2.29*		*0.050*	*0.010*
7421-93-4	Endrin aldehyde	2.30		0.050	0.0090
53494-70-5	*Endrin ketone*	*2.43*		*0.050*	*0.011*
76-44-8	*Heptachlor*	*2.15*		*0.050*	*0.010*
1024-57-3	Heptachlor epoxide	2.23		0.050	0.010
72-43-5	*Methoxychlor*	*2.11*		*0.050*	*0.013*
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	*gamma-Chlordane*	*2.34*		*0.050*	*0.0090*
5103-71-9	*alpha-Chlordane*	*1.92*		*0.050*	*0.0080*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	132		38-150
2051-24-3	DCB Decachlorobiphenyl	134		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/WR710180.D
Lab Smp Id: LCSD 460-149023/3-A
Inj Date : 07-MAR-2013 10:29
Operator : Inst ID: PESTGC4.i
Smp Info : LCSD 460-149023/3
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b/08Wr8081.m
Meth Date : 08-Mar-2013 05:58 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.740	1.743	-0.003	583250	132.176	0.66	80.00- 120.00	100.00(R)
2 alpha-BHC					CAS #: 319-84-6		
2.213	2.217	-0.004	2772375	461.362	2.3	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.577	2.580	-0.003	2482331	455.071	2.3	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.700	2.707	-0.007	1184962	463.889	2.3	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
2.990	2.997	-0.007	2490976	466.850	2.3	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
3.350	3.357	-0.007	2120027	429.951	2.1	80.00- 120.00	100.00
1 Aldrin					CAS #: 72-55-9		
3.850	3.857	-0.007	2142645	446.600	2.2	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
4.863	4.873	-0.010	1954269	445.655	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
5.080	5.090	-0.010	2134074	467.220	2.3	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
5.317	5.327	-0.010	1663027	383.217	1.9	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
5.467	5.477	-0.010	2009926	472.242	2.4	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
5.563	5.573	-0.010	1907903	459.872	2.3	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.007	6.020	-0.013	1841832	421.413	2.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
6.333	6.343	-0.010	1678967	457.237	2.3	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
6.420	6.427	-0.007	1774214	487.737	2.4	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
6.583	6.590	-0.007	1540513	431.127	2.2	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
6.713	6.720	-0.007	1652467	453.295	2.3	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.007	7.010	-0.003	1315195	459.612	2.3	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
7.217	7.223	-0.006	791158	421.818	2.1	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
7.463	7.470	-0.007	1409983	432.089	2.2	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
7.770	7.777	-0.007	1739631	485.835	2.4	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.727	-0.004	394051	133.650	0.67	80.00- 120.00	100.00

QC Flag Legend

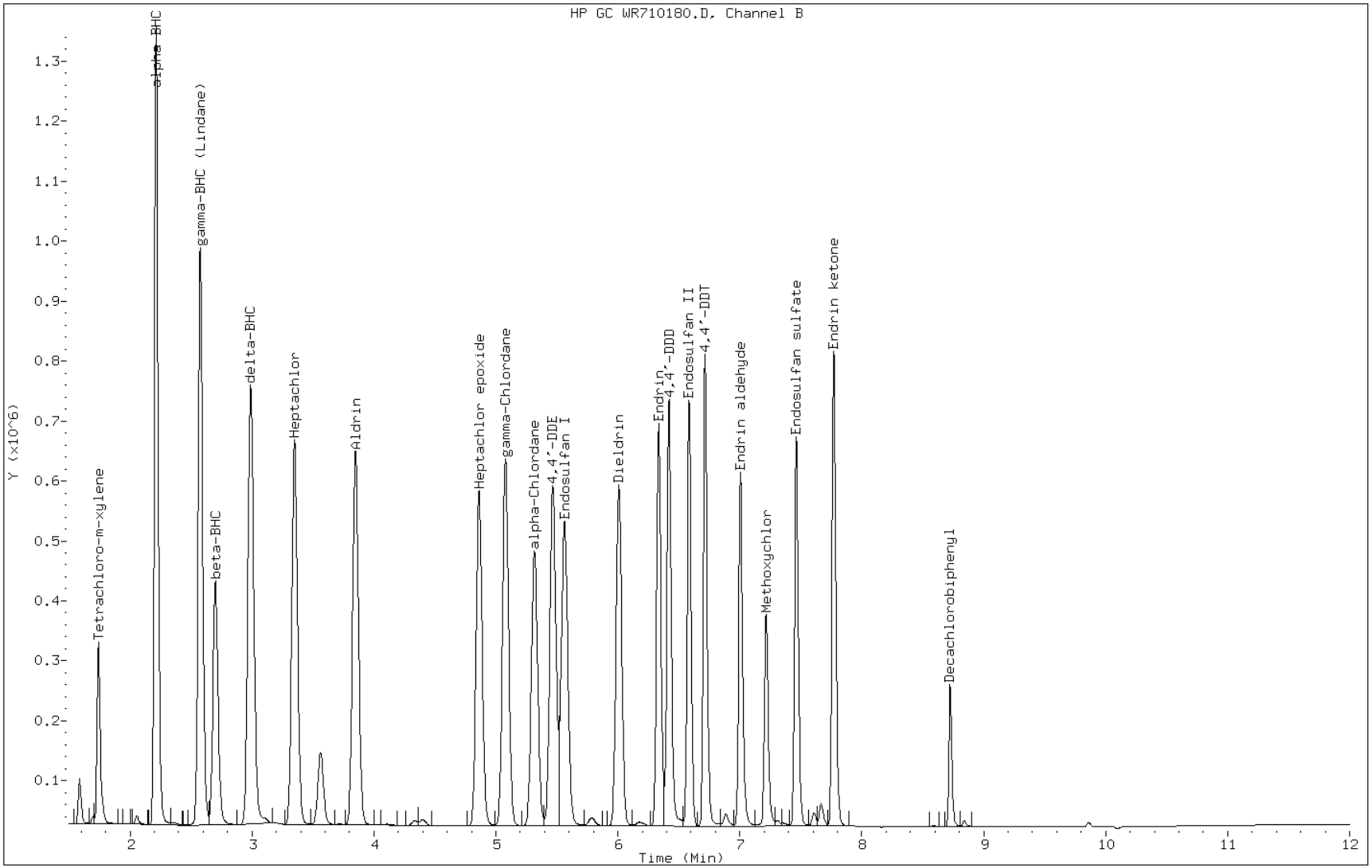
R - Spike/Surrogate failed recovery limits.

Data File: WR710180.D

Date: 07-MAR-2013 10:29

Client ID: Instrument: PESTGC4.i

Sample Info: LCSD 460-149023/3 Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS | Lab Sample ID: 460-51333-9 MS

Matrix: Water | Lab File ID: WF710118.D

Analysis Method: 8081A | Date Collected: 02/25/2013 17:07

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 19:48

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.25		0.050	0.010
319-84-6	alpha-BHC	2.24		0.050	0.010
319-85-7	*beta-BHC*	*2.19*		*0.050*	*0.011*
319-86-8	*delta-BHC*	*2.17*		*0.050*	*0.0090*
58-89-9	gamma-BHC (Lindane)	2.24		0.050	0.012
57-74-9	*Chlordane*	*0.50*	*U*	*0.50*	*0.33*
72-54-8	*4,4'-DDD*	*2.23*		*0.050*	*0.011*
72-55-9	4,4'-DDE	2.31		0.050	0.0090
50-29-3	4,4'-DDT	2.15		0.050	0.010
60-57-1	Dieldrin	2.10		0.050	0.0050
959-98-8	Endosulfan I	2.25		0.050	0.0090
33213-65-9	Endosulfan II	2.18		0.050	0.010
1031-07-8	Endosulfan sulfate	2.08		0.050	0.016
72-20-8	Endrin	2.24		0.050	0.010
7421-93-4	*Endrin aldehyde*	*2.11*		*0.050*	*0.0090*
53494-70-5	Endrin ketone	2.14		0.050	0.011
76-44-8	Heptachlor	2.43		0.050	0.010
1024-57-3	*Heptachlor epoxide*	*2.16*		*0.050*	*0.010*
72-43-5	Methoxychlor	2.12		0.050	0.013
8001-35-2	*Toxaphene*	*0.50*	*U*	*0.50*	*0.20*
5103-74-2	*gamma-Chlordane*	*2.21*		*0.050*	*0.0090*
5103-71-9	alpha-Chlordane	2.20		0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	133		38-150
2051-24-3	DCB Decachlorobiphenyl	111		14-138

Data File: WF710118.D
Report Date: 07-Mar-2013 09:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710118.D
Lab Smp Id: 460-51333-E-9-C
Inj Date : 06-MAR-2013 19:48
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-E-9-C
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	523823	132.752	0.66	80.00- 120.00	100.00(R)
2 alpha-BHC					CAS #: 319-84-6		
2.960	2.960	0.000	2552063	448.548	2.2	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.617	3.617	0.000	2240036	447.486	2.2	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.767	3.767	0.000	1063122	437.768	2.2	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.303	4.303	0.000	2075997	433.169	2.2	80.00- 120.00	100.00

Data File: WF710118.D
Report Date: 07-Mar-2013 09:17

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.433	4.433	0.000	2001607	486.539	2.4	80.00- 120.00	100.00(R)
1 Aldrin					CAS #: 309-00-2		
5.047	5.047	0.000	2028209	450.371	2.2	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.153	6.153	0.000	1704927	432.297	2.2	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.410	6.410	0.000	1702001	442.369	2.2	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.580	6.577	0.003	1553884	439.682	2.2	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.647	6.647	0.000	1519523	449.701	2.2	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.740	6.743	-0.003	1576738	461.961	2.3	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.930	6.930	0.000	1530894	420.971	2.1	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.260	7.257	0.003	1441901	448.154	2.2	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.357	7.357	0.000	1389655	446.214	2.2	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.490	7.487	0.003	1377469	436.896	2.2	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.713	7.713	0.000	1305226	429.176	2.1	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.867	7.867	0.000	1051752	422.815	2.1	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.187	8.187	0.000	1132412	416.874	2.1	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.437	8.437	0.000	631339	423.913	2.1	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.650	8.650	0.000	1192646	428.808	2.1	80.00- 120.00	100.00

Data File: WF710118.D
Report Date: 07-Mar-2013 09:17

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	270316	111.266	0.56	80.00- 120.00	100.00

QC Flag Legend

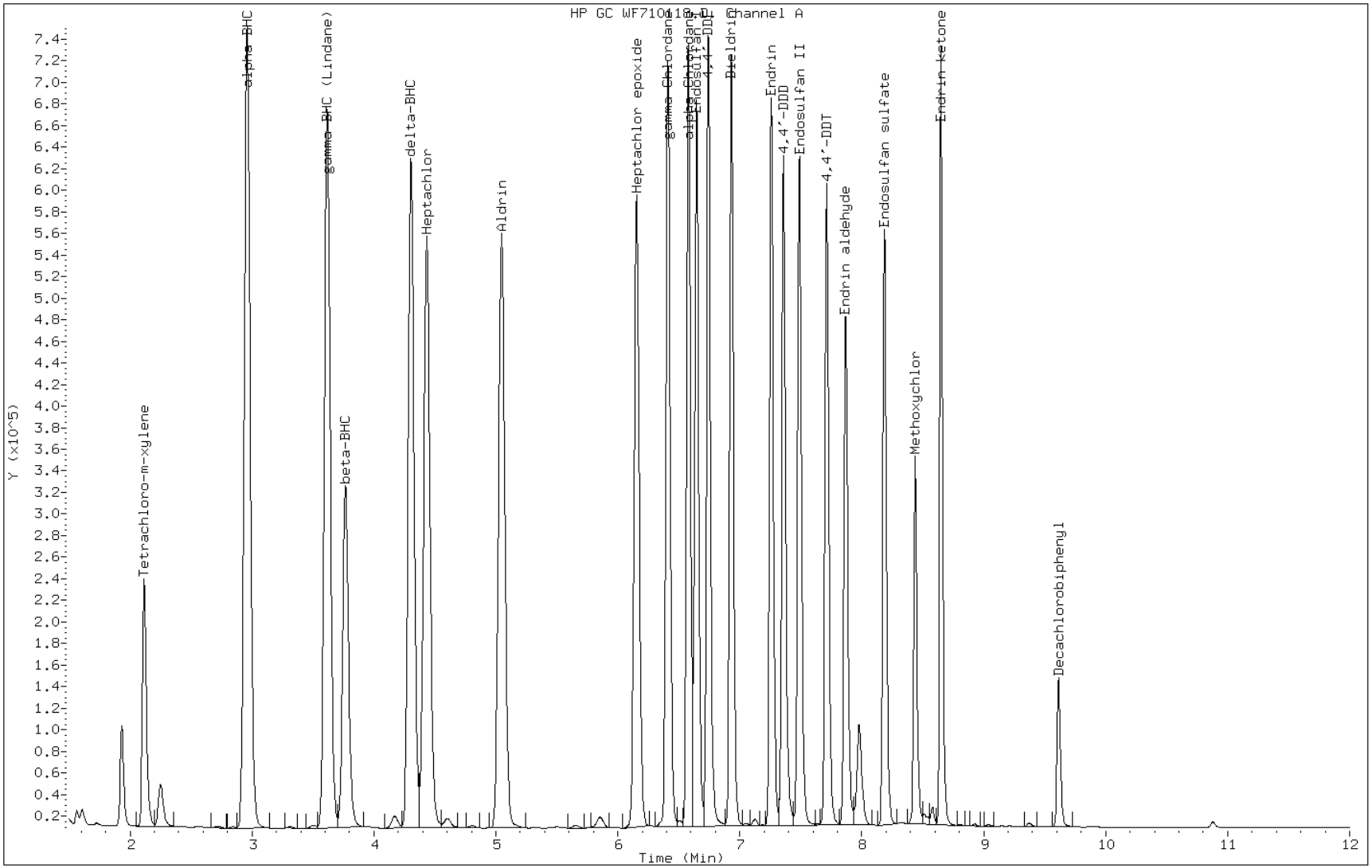
R - Spike/Surrogate failed recovery limits.

Data File: WF710118.D

Date: 06-MAR-2013 19:48

Client ID: Instrument: PESTGC4.i

Sample Info: 460-51333-E-9-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MS | Lab Sample ID: 460-51333-9 MS

Matrix: Water | Lab File ID: WR710118.D

Analysis Method: 8081A | Date Collected: 02/25/2013 17:07

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 19:48

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*2.24*		*0.050*	*0.010*
319-84-6	*alpha-BHC*	*2.19*		*0.050*	*0.010*
319-85-7	beta-BHC	2.26		0.050	0.011
319-86-8	delta-BHC	2.20		0.050	0.0090
58-89-9	*gamma-BHC (Lindane)*	*2.19*		*0.050*	*0.012*
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	4,4'-DDD	2.24		0.050	0.011
72-55-9	*4,4'-DDE*	*2.25*		*0.050*	*0.0090*
50-29-3	*4,4'-DDT*	*2.09*		*0.050*	*0.010*
60-57-1	*Dieldrin*	*2.08*		*0.050*	*0.0050*
959-98-8	*Endosulfan I*	*2.24*		*0.050*	*0.0090*
33213-65-9	*Endosulfan II*	*2.09*		*0.050*	*0.010*
1031-07-8	*Endosulfan sulfate*	*1.99*		*0.050*	*0.016*
72-20-8	*Endrin*	*2.24*		*0.050*	*0.010*
7421-93-4	Endrin aldehyde	2.14		0.050	0.0090
53494-70-5	*Endrin ketone*	*2.05*		*0.050*	*0.011*
76-44-8	*Heptachlor*	*2.15*		*0.050*	*0.010*
1024-57-3	Heptachlor epoxide	2.18		0.050	0.010
72-43-5	*Methoxychlor*	*2.01*		*0.050*	*0.013*
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	gamma-Chlordane	2.25		0.050	0.0090
5103-71-9	*alpha-Chlordane*	*2.13*		*0.050*	*0.0080*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	145		38-150
2051-24-3	DCB Decachlorobiphenyl	115		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710118.D
Lab Smp Id: 460-51333-E-9-C
Inj Date : 06-MAR-2013 19:48
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-E-9-C
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	639276	144.872	0.72	80.00- 120.00	100.00(R)
2 alpha-BHC					CAS #: 319-84-6		
2.220	2.217	0.003	2630873	437.814	2.2	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.583	2.580	0.003	2388885	437.940	2.2	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.707	2.707	0.000	1153305	451.496	2.2	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.000	2.997	0.003	2345137	439.517	2.2	80.00- 120.00	100.00

	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
17	Heptachlor					CAS #: 76-44-8		
	3.357	3.353	0.004	2121513	430.253	2.2	80.00- 120.00	100.00
1	Aldrin					CAS #: 72-55-9		
	3.857	3.853	0.004	2147758	447.666	2.2	80.00- 120.00	100.00
18	Heptachlor epoxide					CAS #: 1024-57-3		
	4.867	4.867	0.000	1916159	436.964	2.2	80.00- 120.00	100.00
65	gamma-Chlordane					CAS #: 5103-74-2		
	5.083	5.083	0.000	2057681	450.494	2.2	80.00- 120.00	100.00
66	alpha-Chlordane					CAS #: 5103-71-9		
	5.323	5.320	0.003	1848483	425.952	2.1	80.00- 120.00	100.00
8	4,4'-DDE					CAS #: 72-55-9		
	5.473	5.473	0.000	1916578	450.310	2.2	80.00- 120.00	100.00
11	Endosulfan I					CAS #: 959-98-8		
	5.570	5.567	0.003	1856897	447.578	2.2	80.00- 120.00	100.00
10	Dieldrin					CAS #: 60-57-1		
	6.013	6.013	0.000	1821280	416.710	2.1	80.00- 120.00	100.00
14	Endrin					CAS #: 72-20-8		
	6.340	6.337	0.003	1642696	447.359	2.2	80.00- 120.00	100.00
7	4,4'-DDD					CAS #: 72-54-8		
	6.420	6.423	-0.003	1630944	448.352	2.2	80.00- 120.00	100.00
12	Endosulfan II					CAS #: 33213-65-9		
	6.587	6.587	0.000	1493393	417.940	2.1	80.00- 120.00	100.00
9	4,4'-DDT					CAS #: 50-29-3		
	6.717	6.717	0.000	1525979	418.597	2.1	80.00- 120.00	100.00
15	Endrin aldehyde					CAS #: 7421-93-4		
	7.007	7.007	0.000	1227122	428.834	2.1	80.00- 120.00	100.00
19	Methoxychlor					CAS #: 72-43-5		
	7.217	7.217	0.000	753409	401.691	2.0	80.00- 120.00	100.00
13	Endosulfan sulfate					CAS #: 1031-07-8		
	7.467	7.467	0.000	1301832	398.946	2.0	80.00- 120.00	100.00
16	Endrin ketone					CAS #: 53494-70-5		
	7.773	7.773	0.000	1467377	409.801	2.0	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	339642	115.196	0.58	80.00- 120.00	100.00

QC Flag Legend

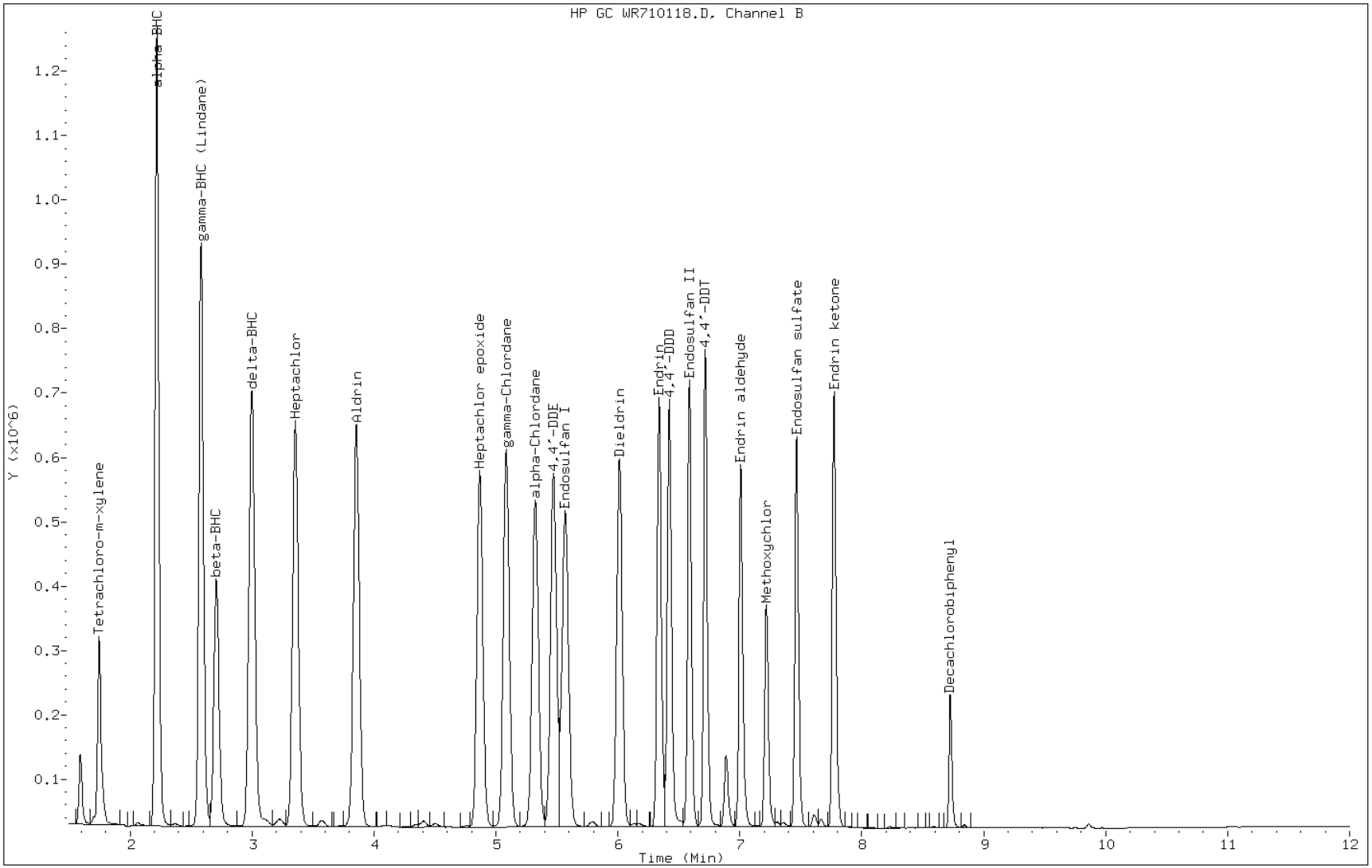
R - Spike/Surrogate failed recovery limits.

Data File: WR710118.D

Date: 06-MAR-2013 19:48

Client ID: Instrument: PESTGC4.i

Sample Info: 460-51333-E-9-C Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD | Lab Sample ID: 460-51333-9 MSD

Matrix: Water | Lab File ID: WF710119.D

Analysis Method: 8081A | Date Collected: 02/25/2013 17:07

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 20:02

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.17		0.050	0.010
319-84-6	alpha-BHC	2.14		0.050	0.010
319-85-7	*beta-BHC*	*2.10*		*0.050*	*0.011*
319-86-8	*delta-BHC*	*2.09*		*0.050*	*0.0090*
58-89-9	gamma-BHC (Lindane)	2.15		0.050	0.012
57-74-9	*Chlordane*	*0.50*	*U*	*0.50*	*0.33*
72-54-8	4,4'-DDD	2.15		0.050	0.011
72-55-9	4,4'-DDE	2.27		0.050	0.0090
50-29-3	4,4'-DDT	2.11		0.050	0.010
60-57-1	Dieldrin	2.02		0.050	0.0050
959-98-8	Endosulfan I	2.15		0.050	0.0090
33213-65-9	Endosulfan II	2.10		0.050	0.010
1031-07-8	Endosulfan sulfate	2.03		0.050	0.016
72-20-8	Endrin	2.16		0.050	0.010
7421-93-4	*Endrin aldehyde*	*1.97*		*0.050*	*0.0090*
53494-70-5	Endrin ketone	2.17		0.050	0.011
76-44-8	Heptachlor	2.35		0.050	0.010
1024-57-3	Heptachlor epoxide	2.09		0.050	0.010
72-43-5	Methoxychlor	2.09		0.050	0.013
8001-35-2	*Toxaphene*	*0.50*	*U*	*0.50*	*0.20*
5103-74-2	gamma-Chlordane	2.15		0.050	0.0090
5103-71-9	alpha-Chlordane	2.13		0.050	0.0080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	128		38-150
2051-24-3	DCB Decachlorobiphenyl	105		14-138

Data File: WF710119.D
Report Date: 07-Mar-2013 09:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/WF710119.D
Lab Smp Id: 460-51333-G-9-B Client Smp ID: 130041-MW9D-80FT
Inj Date : 06-MAR-2013 20:02
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-9-B
Misc Info : 460-51333-G-9-B
Comment   :
Method   : /chem1/PESTGC4.i/8081T/front/Mar13/03-06-13/06mar13c.b/08Wf8081.m
Meth Date : 07-Mar-2013 07:13 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WF709443.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.117	2.113	0.004	503111	127.503	0.64	80.00- 120.00	100.00
2 alpha-BHC					CAS #: 319-84-6		
2.960	2.960	0.000	2437890	428.481	2.1	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.617	3.617	0.000	2150123	429.524	2.1	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
3.767	3.767	0.000	1020155	420.075	2.1	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
4.303	4.303	0.000	1999021	417.107	2.1	80.00- 120.00	100.00

Data File: WF710119.D
Report Date: 07-Mar-2013 09:18

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
17 Heptachlor					CAS #: 76-44-8		
4.433	4.433	0.000	1932664	469.781	2.3	80.00- 120.00	100.00
1 Aldrin					CAS #: 309-00-2		
5.047	5.047	0.000	1954974	434.109	2.2	80.00- 120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.153	6.153	0.000	1649871	418.337	2.1	80.00- 120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2		
6.410	6.410	0.000	1654297	429.971	2.1	80.00- 120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9		
6.577	6.577	0.000	1505678	426.041	2.1	80.00- 120.00	100.00
11 Endosulfan I					CAS #: 959-98-8		
6.647	6.647	0.000	1453321	430.109	2.2	80.00- 120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9		
6.740	6.743	-0.003	1546444	453.086	2.3	80.00- 120.00	100.00
10 Dieldrin					CAS #: 60-57-1		
6.930	6.930	0.000	1466955	403.389	2.0	80.00- 120.00	100.00
14 Endrin					CAS #: 72-20-8		
7.257	7.257	0.000	1387049	431.105	2.2	80.00- 120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8		
7.357	7.357	0.000	1340051	430.287	2.2	80.00- 120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9		
7.487	7.487	0.000	1324249	420.016	2.1	80.00- 120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3		
7.710	7.713	-0.003	1282821	421.809	2.1	80.00- 120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4		
7.867	7.867	0.000	978524	393.377	2.0	80.00- 120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.183	8.187	-0.004	1100967	405.298	2.0	80.00- 120.00	100.00
19 Methoxychlor					CAS #: 72-43-5		
8.437	8.437	0.000	623393	418.578	2.1	80.00- 120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5		
8.647	8.650	-0.003	1205137	433.300	2.2	80.00- 120.00	100.00

Data File: WF710119.D
Report Date: 07-Mar-2013 09:18

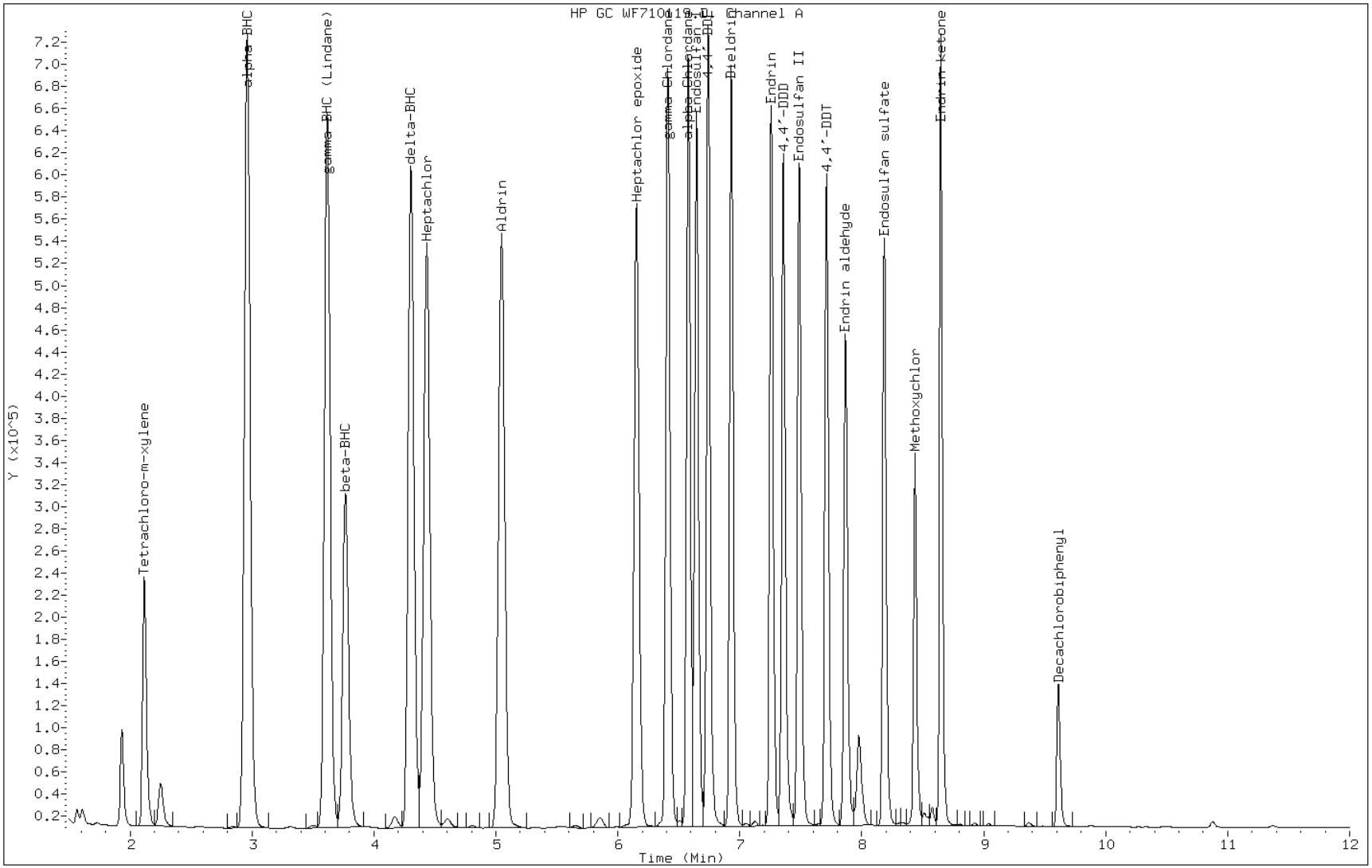
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
9.613	9.613	0.000	254394	104.712	0.52	80.00- 120.00	100.00

Data File: WF710119.D

Date: 06-MAR-2013 20:02

Client ID: 130041-MW9D-80FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-9-B Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

SDG No.:

Client Sample ID: 130041-MW9D-80FT MSD | Lab Sample ID: 460-51333-9 MSD

Matrix: Water | Lab File ID: WR710119.D

Analysis Method: 8081A | Date Collected: 02/25/2013 17:07

Extraction Method: 3510C | Date Extracted: 02/27/2013 14:31

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2013 20:02

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 150086 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*2.13*		*0.050*	*0.010*
319-84-6	*alpha-BHC*	*2.08*		*0.050*	*0.010*
319-85-7	beta-BHC	2.13		0.050	0.011
319-86-8	delta-BHC	2.10		0.050	0.0090
58-89-9	*gamma-BHC (Lindane)*	*2.07*		*0.050*	*0.012*
57-74-9	Chlordane	0.50	U	0.50	0.33
72-54-8	*4,4'-DDD*	*2.12*		*0.050*	*0.011*
72-55-9	*4,4'-DDE*	*2.19*		*0.050*	*0.0090*
50-29-3	*4,4'-DDT*	*2.02*		*0.050*	*0.010*
60-57-1	*Dieldrin*	*1.99*		*0.050*	*0.0050*
959-98-8	*Endosulfan I*	*2.14*		*0.050*	*0.0090*
33213-65-9	*Endosulfan II*	*1.98*		*0.050*	*0.010*
1031-07-8	*Endosulfan sulfate*	*1.89*		*0.050*	*0.016*
72-20-8	*Endrin*	*2.13*		*0.050*	*0.010*
7421-93-4	Endrin aldehyde	2.05		0.050	0.0090
53494-70-5	*Endrin ketone*	*2.01*		*0.050*	*0.011*
76-44-8	*Heptachlor*	*2.05*		*0.050*	*0.010*
1024-57-3	*Heptachlor epoxide*	*2.08*		*0.050*	*0.010*
72-43-5	*Methoxychlor*	*1.91*		*0.050*	*0.013*
8001-35-2	Toxaphene	0.50	U	0.50	0.20
5103-74-2	*gamma-Chlordane*	*2.14*		*0.050*	*0.0090*
5103-71-9	*alpha-Chlordane*	*1.91*		*0.050*	*0.0080*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	133		38-150
2051-24-3	DCB Decachlorobiphenyl	108		14-138

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/WR710119.D
Lab Smp Id: 460-51333-G-9-B Client Smp ID: 130041-MW9D-80FT
Inj Date : 06-MAR-2013 20:02
Operator : Inst ID: PESTGC4.i
Smp Info : 460-51333-G-9-B
Misc Info : 460-51333-G-9-B
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b/08Wr8081.m
Meth Date : 07-Mar-2013 07:05 ferdie Quant Type: ESTD
Cal Date : 27-FEB-2013 07:53 Cal File: WR709443.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8		
1.747	1.743	0.004	586703	132.958	0.66	80.00- 120.00	100.00(R)
2 alpha-BHC					CAS #: 319-84-6		
2.220	2.217	0.003	2494518	415.123	2.1	80.00- 120.00	100.00
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
2.583	2.580	0.003	2261425	414.574	2.1	80.00- 120.00	100.00
3 beta-BHC					CAS #: 319-85-7		
2.710	2.707	0.003	1088827	426.254	2.1	80.00- 120.00	100.00
4 delta-BHC					CAS #: 319-86-8		
3.000	2.997	0.003	2237612	419.365	2.1	80.00- 120.00	100.00

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO
17 Heptachlor						CAS #: 76-44-8	
3.357	3.353	0.004	2018465	409.354	2.0	80.00- 120.00	100.00
1 Aldrin						CAS #: 72-55-9	
3.857	3.853	0.004	2046524	426.565	2.1	80.00- 120.00	100.00
18 Heptachlor epoxide						CAS #: 1024-57-3	
4.867	4.867	0.000	1824590	416.082	2.1	80.00- 120.00	100.00
65 gamma-Chlordane						CAS #: 5103-74-2	
5.083	5.083	0.000	1957094	428.473	2.1	80.00- 120.00	100.00
66 alpha-Chlordane						CAS #: 5103-71-9	
5.323	5.320	0.003	1660956	382.739	1.9	80.00- 120.00	100.00
8 4,4'-DDE						CAS #: 72-55-9	
5.470	5.473	-0.003	1866533	438.551	2.2	80.00- 120.00	100.00
11 Endosulfan I						CAS #: 959-98-8	
5.567	5.567	0.000	1775440	427.944	2.1	80.00- 120.00	100.00
10 Dieldrin						CAS #: 60-57-1	
6.013	6.013	0.000	1736193	397.242	2.0	80.00- 120.00	100.00
14 Endrin						CAS #: 72-20-8	
6.337	6.337	0.000	1566894	426.715	2.1	80.00- 120.00	100.00
7 4,4'-DDD						CAS #: 72-54-8	
6.420	6.423	-0.003	1543970	424.442	2.1	80.00- 120.00	100.00
12 Endosulfan II						CAS #: 33213-65-9	
6.587	6.587	0.000	1413821	395.671	2.0	80.00- 120.00	100.00
9 4,4'-DDT						CAS #: 50-29-3	
6.717	6.717	0.000	1471717	403.712	2.0	80.00- 120.00	100.00
15 Endrin aldehyde						CAS #: 7421-93-4	
7.007	7.007	0.000	1173999	410.269	2.0	80.00- 120.00	100.00
19 Methoxychlor						CAS #: 72-43-5	
7.217	7.217	0.000	718224	382.932	1.9	80.00- 120.00	100.00
13 Endosulfan sulfate						CAS #: 1031-07-8	
7.463	7.467	-0.004	1235436	378.599	1.9	80.00- 120.00	100.00
16 Endrin ketone						CAS #: 53494-70-5	
7.773	7.773	0.000	1436893	401.288	2.0	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/l)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
8.723	8.723	0.000	319358	108.316	0.54	80.00- 120.00	100.00

QC Flag Legend

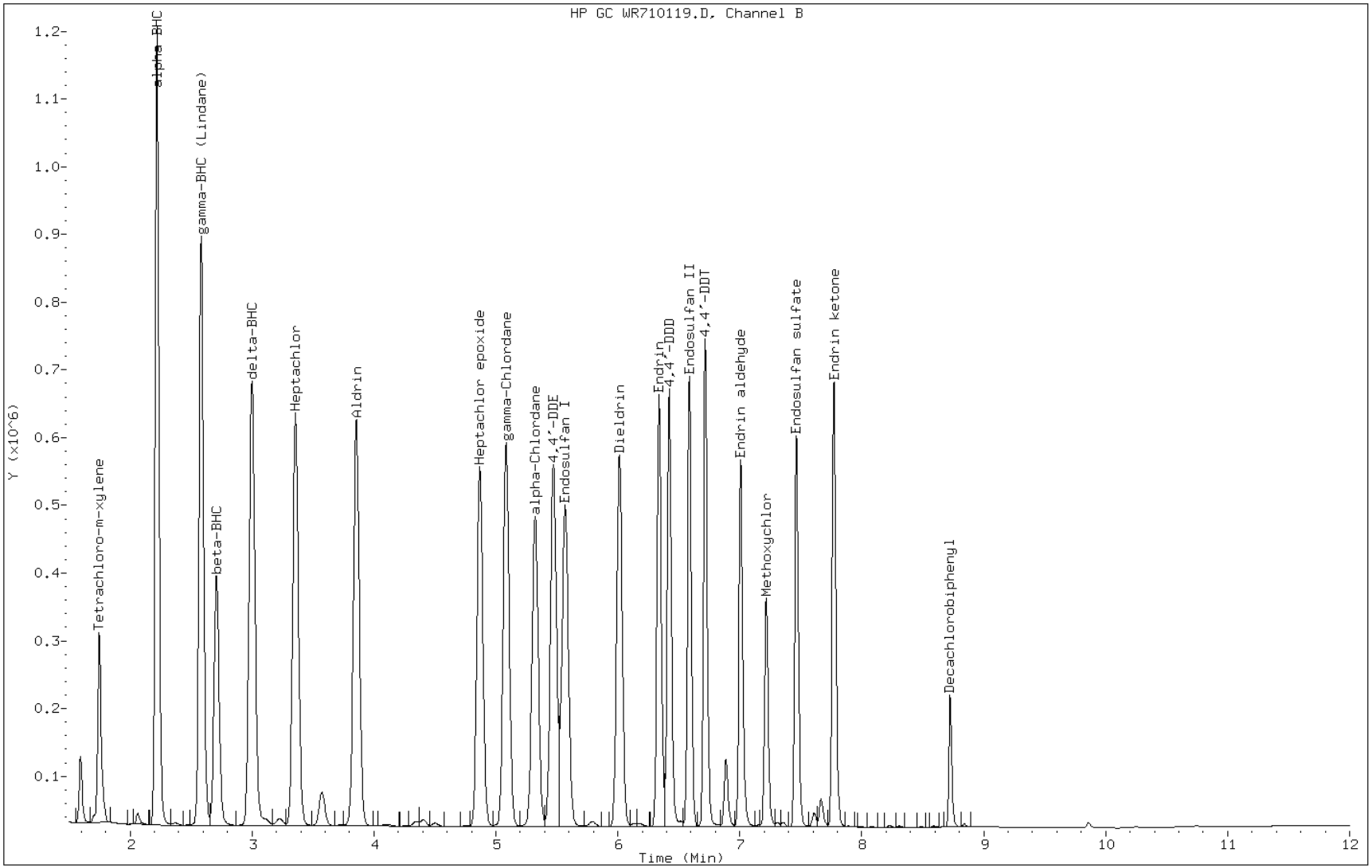
R - Spike/Surrogate failed recovery limits.

Data File: WR710119.D

Date: 06-MAR-2013 20:02

Client ID: 130041-MW9D-80FT Instrument: PESTGC4.i

Sample Info: 460-51333-G-9-B Operator:



PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 02/27/2013 05:44

Analysis Batch Number: 148913 End Date: 02/27/2013 08:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RESC 460-148913/1		02/27/2013 05:44	1		CLP-2 0.53(mm)
RESC 460-148913/1		02/27/2013 05:44	1		CLP-1 0.53(mm)
PIBLK 460-148913/2		02/27/2013 05:58	1		CLP-2 0.53(mm)
PIBLK 460-148913/2		02/27/2013 05:58	1		CLP-1 0.53(mm)
PEM 460-148913/3		02/27/2013 06:12	1		CLP-2 0.53(mm)
PEM 460-148913/3		02/27/2013 06:12	1		CLP-1 0.53(mm)
IC 460-148913/4		02/27/2013 06:26	1	WF709437.D	CLP-2 0.53(mm)
IC 460-148913/4		02/27/2013 06:26	1	WR709437.D	CLP-1 0.53(mm)
IC 460-148913/5		02/27/2013 06:44	1	WF709438.D	CLP-2 0.53(mm)
IC 460-148913/5		02/27/2013 06:44	1	WR709438.D	CLP-1 0.53(mm)
IC 460-148913/6		02/27/2013 06:57	1	WF709439.D	CLP-2 0.53(mm)
IC 460-148913/6		02/27/2013 06:57	1	WR709439.D	CLP-1 0.53(mm)
IC 460-148913/7		02/27/2013 07:11	1	WF709440.D	CLP-2 0.53(mm)
IC 460-148913/7		02/27/2013 07:11	1	WR709440.D	CLP-1 0.53(mm)
IC 460-148913/8		02/27/2013 07:25	1	WF709441.D	CLP-2 0.53(mm)
IC 460-148913/8		02/27/2013 07:25	1	WR709441.D	CLP-1 0.53(mm)
IC 460-148913/9		02/27/2013 07:39	1	WF709442.D	CLP-2 0.53(mm)
IC 460-148913/9		02/27/2013 07:39	1	WR709442.D	CLP-1 0.53(mm)
IC 460-148913/10		02/27/2013 07:53	1	WF709443.D	CLP-2 0.53(mm)
IC 460-148913/10		02/27/2013 07:53	1	WR709443.D	CLP-1 0.53(mm)
ICV 460-148913/11		02/27/2013 08:07	1		CLP-2 0.53(mm)
ICV 460-148913/11		02/27/2013 08:07	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 03/05/2013 05:16

Analysis Batch Number: 149753 End Date: 03/05/2013 11:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/05/2013 05:16	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 05:16	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 05:30	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 05:30	1		CLP-1 0.53(mm)
PEM 460-149753/3		03/05/2013 05:44	1	WF709963.D	CLP-2 0.53(mm)
PEM 460-149753/3		03/05/2013 05:44	1	WR709963.D	CLP-1 0.53(mm)
CCVRT 460-149753/4		03/05/2013 05:58	1	WF709964.D	CLP-2 0.53(mm)
CCVRT 460-149753/4		03/05/2013 05:58	1	WR709964.D	CLP-1 0.53(mm)
ZZZZZ		03/05/2013 06:24	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 06:24	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 06:38	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 06:38	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 06:51	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 06:51	1		CLP-1 0.53(mm)
LCS 460-148935/2-A		03/05/2013 07:05	1	WF709968.D	CLP-2 0.53(mm)
LCS 460-148935/2-A		03/05/2013 07:05	1	WR709968.D	CLP-1 0.53(mm)
ZZZZZ		03/05/2013 07:19	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 07:19	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 07:33	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 07:33	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 07:47	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 07:47	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 08:01	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 08:01	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 08:15	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 08:15	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 08:29	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 08:29	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 08:43	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 08:43	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 08:57	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 08:57	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 09:11	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 09:11	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 09:24	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 09:24	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 09:38	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 09:38	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 09:52	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 09:52	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 10:06	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 10:06	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 10:20	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 10:20	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 10:34	1		CLP-2 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 03/05/2013 05:16

Analysis Batch Number: 149753 End Date: 03/05/2013 11:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/05/2013 10:34	1		CLP-1 0.53(mm)
ZZZZZ		03/05/2013 10:48	1		CLP-2 0.53(mm)
ZZZZZ		03/05/2013 10:48	1		CLP-1 0.53(mm)
CCV 460-149753/25		03/05/2013 11:02	1	WF709985.D	CLP-2 0.53(mm)
CCV 460-149753/25		03/05/2013 11:02	1	WR709985.D	CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 03/06/2013 19:06

Analysis Batch Number: 150086 End Date: 03/06/2013 22:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-150086/1		03/06/2013 19:06	1	WF710115.D	CLP-2 0.53(mm)
CCVRT 460-150086/1		03/06/2013 19:06	1	WR710115.D	CLP-1 0.53(mm)
PEM 460-150086/2		03/06/2013 19:20	1	WF710116.D	CLP-2 0.53(mm)
PEM 460-150086/2		03/06/2013 19:20	1	WR710116.D	CLP-1 0.53(mm)
MB 460-148935/1-A		03/06/2013 19:34	1	WF710117.D	CLP-2 0.53(mm)
MB 460-148935/1-A		03/06/2013 19:34	1	WR710117.D	CLP-1 0.53(mm)
460-51333-9 MS	130041-MW9D-80FT MS	03/06/2013 19:48	1	WF710118.D	CLP-2 0.53(mm)
460-51333-9 MS	130041-MW9D-80FT MS	03/06/2013 19:48	1	WR710118.D	CLP-1 0.53(mm)
460-51333-9 MSD	130041-MW9D-80FT MSD	03/06/2013 20:02	1	WF710119.D	CLP-2 0.53(mm)
460-51333-9 MSD	130041-MW9D-80FT MSD	03/06/2013 20:02	1	WR710119.D	CLP-1 0.53(mm)
460-51333-9	130041-MW9D-80FT	03/06/2013 20:16	1	WF710120.D	CLP-2 0.53(mm)
460-51333-9	130041-MW9D-80FT	03/06/2013 20:16	1	WR710120.D	CLP-1 0.53(mm)
ZZZZZ		03/06/2013 20:30	1		CLP-2 0.53(mm)
ZZZZZ		03/06/2013 20:30	1		CLP-1 0.53(mm)
ZZZZZ		03/06/2013 20:43	1		CLP-2 0.53(mm)
ZZZZZ		03/06/2013 20:43	1		CLP-1 0.53(mm)
ZZZZZ		03/06/2013 20:57	1		CLP-2 0.53(mm)
ZZZZZ		03/06/2013 20:57	1		CLP-1 0.53(mm)
ZZZZZ		03/06/2013 21:11	1		CLP-2 0.53(mm)
ZZZZZ		03/06/2013 21:11	1		CLP-1 0.53(mm)
460-51333-1	130041-MW10R-45FT	03/06/2013 21:25	1	WF710125.D	CLP-2 0.53(mm)
460-51333-1	130041-MW10R-45FT	03/06/2013 21:25	1	WR710125.D	CLP-1 0.53(mm)
460-51333-3	130041-MW8S-50FT	03/06/2013 21:39	1	WF710126.D	CLP-2 0.53(mm)
460-51333-3	130041-MW8S-50FT	03/06/2013 21:39	1	WR710126.D	CLP-1 0.53(mm)
460-51333-4	130041-MW-3-45FT	03/06/2013 21:53	1	WF710127.D	CLP-2 0.53(mm)
460-51333-4	130041-MW-3-45FT	03/06/2013 21:53	1	WR710127.D	CLP-1 0.53(mm)
460-51333-6	130041-MW-2-45FT	03/06/2013 22:07	1	WF710128.D	CLP-2 0.53(mm)
460-51333-6	130041-MW-2-45FT	03/06/2013 22:07	1	WR710128.D	CLP-1 0.53(mm)
460-51333-7	130041-MW-4-45FT	03/06/2013 22:21	1	WF710129.D	CLP-2 0.53(mm)
460-51333-7	130041-MW-4-45FT	03/06/2013 22:21	1	WR710129.D	CLP-1 0.53(mm)
ZZZZZ		03/06/2013 22:35	1		CLP-2 0.53(mm)
ZZZZZ		03/06/2013 22:35	1		CLP-1 0.53(mm)
CCV 460-150086/17		03/06/2013 22:49	1	WF710131.D	CLP-2 0.53(mm)
CCV 460-150086/17		03/06/2013 22:49	1	WR710131.D	CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: PESTGC4 Start Date: 03/07/2013 09:28

Analysis Batch Number: 150217 End Date: 03/07/2013 14:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-150217/1		03/07/2013 09:28	1	WF710176.D	CLP-2 0.53(mm)
CCVRT 460-150217/1		03/07/2013 09:28	1	WR710176.D	CLP-1 0.53(mm)
PEM 460-150217/2		03/07/2013 09:42	1	WF710177.D	CLP-2 0.53(mm)
PEM 460-150217/2		03/07/2013 09:42	1	WR710177.D	CLP-1 0.53(mm)
MB 460-149023/1-A		03/07/2013 10:01	1	WF710178.D	CLP-2 0.53(mm)
MB 460-149023/1-A		03/07/2013 10:01	1	WR710178.D	CLP-1 0.53(mm)
LCS 460-149023/2-A		03/07/2013 10:15	1	WF710179.D	CLP-2 0.53(mm)
LCS 460-149023/2-A		03/07/2013 10:15	1	WR710179.D	CLP-1 0.53(mm)
LCSD 460-149023/3-A		03/07/2013 10:29	1	WF710180.D	CLP-2 0.53(mm)
LCSD 460-149023/3-A		03/07/2013 10:29	1	WR710180.D	CLP-1 0.53(mm)
460-51333-21	130041-MW-7D-55FT	03/07/2013 10:43	1	WF710181.D	CLP-2 0.53(mm)
460-51333-21	130041-MW-7D-55FT	03/07/2013 10:43	1	WR710181.D	CLP-1 0.53(mm)
460-51333-19	130041-MW-9S-40FT	03/07/2013 10:57	1	WF710182.D	CLP-2 0.53(mm)
460-51333-19	130041-MW-9S-40FT	03/07/2013 10:57	1	WR710182.D	CLP-1 0.53(mm)
460-51333-18	130041-MW-1-45FT	03/07/2013 11:11	1	WF710183.D	CLP-2 0.53(mm)
460-51333-18	130041-MW-1-45FT	03/07/2013 11:11	1	WR710183.D	CLP-1 0.53(mm)
460-51333-16	130041-MW-6-55FT	03/07/2013 11:25	1	WF710184.D	CLP-2 0.53(mm)
460-51333-16	130041-MW-6-55FT	03/07/2013 11:25	1	WR710184.D	CLP-1 0.53(mm)
ZZZZZ		03/07/2013 11:38	5		CLP-2 0.53(mm)
ZZZZZ		03/07/2013 11:38	5		CLP-1 0.53(mm)
460-51333-13	130041-MW11R-45FT	03/07/2013 11:52	1	WF710186.D	CLP-2 0.53(mm)
460-51333-13	130041-MW11R-45FT	03/07/2013 11:52	1	WR710186.D	CLP-1 0.53(mm)
460-51333-12	130041-MW7S-40FT	03/07/2013 12:06	1	WF710187.D	CLP-2 0.53(mm)
460-51333-12	130041-MW7S-40FT	03/07/2013 12:06	1	WR710187.D	CLP-1 0.53(mm)
460-51333-10	130041-MW8D-58FT	03/07/2013 12:20	1	WF710188.D	CLP-2 0.53(mm)
460-51333-10	130041-MW8D-58FT	03/07/2013 12:20	1	WR710188.D	CLP-1 0.53(mm)
ZZZZZ		03/07/2013 12:34	1		CLP-2 0.53(mm)
ZZZZZ		03/07/2013 12:34	1		CLP-1 0.53(mm)
ZZZZZ		03/07/2013 13:04	1		CLP-2 0.53(mm)
ZZZZZ		03/07/2013 13:04	1		CLP-1 0.53(mm)
ZZZZZ		03/07/2013 13:18	1		CLP-2 0.53(mm)
ZZZZZ		03/07/2013 13:18	1		CLP-1 0.53(mm)
ZZZZZ		03/07/2013 13:32	1		CLP-2 0.53(mm)
ZZZZZ		03/07/2013 13:32	1		CLP-1 0.53(mm)
460-51333-15	130041-MW-5-45FT	03/07/2013 13:46	5	WF710193.D	CLP-2 0.53(mm)
460-51333-15	130041-MW-5-45FT	03/07/2013 13:46	5	WR710193.D	CLP-1 0.53(mm)
ZZZZZ		03/07/2013 14:00	1		CLP-2 0.53(mm)
ZZZZZ		03/07/2013 14:00	1		CLP-1 0.53(mm)
CCV 460-150217/20		03/07/2013 14:14	1	WF710195.D	CLP-2 0.53(mm)
CCV 460-150217/20		03/07/2013 14:14	1	WR710195.D	CLP-1 0.53(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Feb13/02-27-13aical/27feb13a.b

Date Generated: 02/27/2013

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
											148913
02/27/13 0544	WR709434	1	SGRESC_00014	27feb13a	NA	100	5	1	SAMPLE	NA	G
02/27/13 0558	WR709435	2	SGPIBLK_00014	27feb13a		100	5	1	SAMPLE		G
02/27/13 0612	WR709436	3	SGDDT/Ei_00021	27feb13a		100	5	1	SAMPLE		G
02/27/13 0626	WR709437	4	SGPESTL3_00014	NA		0	0	1	CALIB_3		G
02/27/13 0644	WR709438	5	SGPESTL1_00016			0	0	1	CALIB_1		G
02/27/13 0657	WR709439	6	SGPESTL2_00014			0	0	1	CALIB_2		G
02/27/13 0711	WR709440	7	SGPESTL4_00015			0	0	1	CALIB_4		G
02/27/13 0725	WR709441	8	SGPESTL5_00013			0	0	1	CALIB_5		G
02/27/13 0739	WR709442	9	SGCHOL3_00011			0	0	1	CALIB_3		G
02/27/13 0753	WR709443	10	SGTOXL3_00014			0	0	1	CALIB_3		G
02/27/13 0807	WR709444	11	SGPSTICV_00018			1	1	1	BS		G

Signed: [signature] 02/27/13 Date

Read and Understood by: [signature] 2/27/13 Date:

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b

Date Generated: 03/05/2013

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
											149753
03/05/13 0516	WR709961	1	SGRESC_00014	05mar13a		1000	5	1	SAMPLE		G
03/05/13 0530	WR709962	2	SGPIBLK_00014	05mar13a		1000	5	1	SAMPLE		G
03/05/13 0544	WR709963	3	SGDDT/Ei_00021	05mar13a		1000	5	1	SAMPLE		G
03/05/13 0558	WR709964	4	SGPESTL3_00014	"		0	0	1	CCALIB_3		G
03/05/13 0624	WR709965	5	LCS 460-149210/2-A			1000	5	1	BS		G
03/05/13 0638	WR709966	6	LCSD 460-149210/3-A			1000	5	1	BSD		G
03/05/13 0651	WR709967	7	460-51480-P-1-A	460-149210	03/01/13	1050	5	1	SAMPLE		G
03/05/13 0705	WR709968	8	LCS 460-148935/2-A	"	"	1000	5	1	BS		G
03/05/13 0719	WR709969	9	460-51329-I-14-B	460-148935	02/27/13	950	5	1	SAMPLE		G
03/05/13 0733	WR709970	10	460-51329-L-21-B	460-148935	02/27/13	900	5	1	SAMPLE		G
03/05/13 0747	WR709971	11	LCS 460-149687/2-A	"	"	15	10	1	BS		G
03/05/13 0801	WR709972	12	460-51595-A-14-C	460-149687	03/05/13	15.0	10	1	SAMPLE		G
03/05/13 0815	WR709973	13	460-51595-A-16-B	460-149687	03/05/13	15.0	10	1	SAMPLE		G
03/05/13 0829	WR709974	14	460-51595-A-17-A	460-149687	03/05/13	15	10	1	SAMPLE		G

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03/05/13

3/5/13

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Mar13/03-05-13/05mar13a.b

Date Generated: 03/05/2013

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
03/05/13 0843	WR709975	15	460-51595-A-41-B	460-149687	03/05/13	15	10	1	SAMPLE		
03/05/13 0857	WR709976	16	LCS 460-149526/2	"		100	5	1	BS		
03/05/13 0911	WR709977	17	460-51594-A-5-D	460-149526	03/04/13	100	5	1	SAMPLE		
03/05/13 0924	WR709978	18	460-51594-A-4-D	460-149526	03/04/13	100	5	1	SAMPLE		
03/05/13 0938	WR709979	19	460-51594-A-3-D	460-149526	03/04/13	100	5	1	SAMPLE		
03/05/13 0952	WR709980	20	460-51594-A-2-D	460-149526	03/04/13	100	5	1	SAMPLE		
03/05/13 1006	WR709981	21	460-51594-A-1-F	460-149526	03/04/13	100	5	1	SAMPLE		
03/05/13 1020	WR709982	22	460-51672-A-1-A	05mar13a	"	15	10	1	SAMPLE		
03/05/13 1034	WR709983	23	460-51595-A-14-Ams	05mar13a		15	10	1	MS		
03/05/13 1048	WR709984	24	460-51595-A-14-Bmsd	05mar13a		15	10	1	MSD		
03/05/13 1102	WR709985	25	PESTL3_00014	"	"	0	0	1	CCALIB_3		

Signed: _____ Read and Understood by: _____

Date: 03/05/13 Date: 3/5/13

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b

Date Generated: 03/07/2013

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
											150086
03/06/13 1906	WR710115	55	SGPESTL3_00014	NA	NA	0	0	1	CCALIB_3	NA	G
03/06/13 1920	WR710116	56	SGDDT/Ei_00021	06mar13c		1000	5	1	SAMPLE		G
03/06/13 1934	WR710117	57	MB 460-148935/1-A	06mar13c		1000	5	1	SAMPLE		G
03/06/13 1948	WR710118	58	460-51333-E-9-C	06mar13c		1000	5	1	MS		G
03/06/13 2002	WR710119	59	460-51333-G-9-B	460-148935	02/27/13	1000	5	1	MSD		G
03/06/13 2016	WR710120	60	460-51333-G-9-B	460-148935	02/27/13	1000	5	1	SAMPLE		G
03/06/13 2030	WR710121	61	460-51312-K-1-B	460-148935	02/27/13	980	5	1	SAMPLE		G
03/06/13 2043	WR710122	62	460-51312-K-2-B	460-148935	02/27/13	980	5	1	SAMPLE		G
03/06/13 2057	WR710123	63	460-51312-H-3-B	06mar13c	NA	900	5	1	SAMPLE		G
03/06/13 2111	WR710124	64	460-51312-I-4-B	460-148935	02/27/13	980	5	1	SAMPLE		G
03/06/13 2125	WR710125	65	460-51333-I-1-A	460-148935	02/27/13	1000	5	1	SAMPLE		G
03/06/13 2139	WR710126	66	460-51333-G-3-A	460-148935	02/27/13	1000	5	1	SAMPLE		G
03/06/13 2153	WR710127	67	460-51333-I-4-A	460-148935	02/27/13	1000	5	1	SAMPLE		G
03/06/13 2207	WR710128	68	460-51333-I-6-A	460-148935	02/27/13	1000	5	1	SAMPLE		G

03/01/13

3/20/13

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Mar13/03-06-13/06mar13c.b

Date Generated: 03/07/2013

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
03/06/13 2221	WR710129	69	460-51333-H-7-A	460-148935	02/27/13	1000	5	1	SAMPLE	NA	G
03/06/13 2235	WR710130	70	SGPIBLK_00014	06mar13c	"	1000	5	1	SAMPLE	/	G
03/06/13 2249	WR710131	71	PESTL3_00014	"	/	0	0	1	CCALIB_3	/	G

Signed: _____ Read and Understood by: _____

Date: 03/07/13 Date: 3/7/13

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b

Date Generated: 03/08/2013

	Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
												150217
21	03/07/13 0928	WR710176		SGPESTL3_00014	M	M	0	0	1	CCALIB_3	M	G
22	03/07/13 0942	WR710177		SGDDT/Ei_00021	07mar13b		1000	5	1	SAMPLE		G
23	03/07/13 1001	WR710178		MB 460-149023/1-A	07mar13b		1000	5	1	SAMPLE		G
24	03/07/13 1015	WR710179		LCS 460-149023/2-A	M		1000	5	1	BS		G
25	03/07/13 1029	WR710180		LCSD 460-149023/3-A	|		1000	5	1	BSD		G
26	03/07/13 1043	WR710181		460-51333-H-21-A	460-149023	02/28/13	1050	5	1	SAMPLE		G
27	03/07/13 1057	WR710182		460-51333-I-19-A	460-149023	02/28/13	1050	5	1	SAMPLE		G
28	03/07/13 1111	WR710183		460-51333-G-18-A	460-149023	02/28/13	1050	5	1	SAMPLE		G
29	03/07/13 1125	WR710184		460-51333-I-16-A	460-149023	02/28/13	1050	5	1	SAMPLE		G
30	03/07/13 1138	WR710185		460-51333-F-15-A	460-149023	02/28/13	1050	5	5	SAMPLE		MR
31	03/07/13 1152	WR710186		460-51333-F-13-A	460-149023	02/28/13	1050	5	1	SAMPLE		G
32	03/07/13 1206	WR710187		460-51333-H-12-A	460-149023	02/28/13	1050	5	1	SAMPLE		G
33	03/07/13 1220	WR710188		460-51333-G-10-A	460-149023	02/28/13	1050	5	1	SAMPLE		G
34	03/07/13 1234	WR710189		MB 460-149863/1-A	07mar13b	M	1000	5	1	SAMPLE		G

03/08/13

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i

Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Mar13/03-07-13/07mar13b.b

Date Generated: 03/08/2013

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
03/07/13 1304	WR710190	35	LCS 460-149863/2-A	MA	MA	1000	5	1	BS	MA	G
03/07/13 1318	WR710191	36	LCSD 460-149863/3-A			1000	5	1	BSD		G
03/07/13 1332	WR710192	37	460-51706-O-9-A	460-149863	03/06/13	1000	5	1	SAMPLE		G
03/07/13 1346	WR710193	38	460-51333-F-15-A	460-149023	02/28/13	1050	5	5	SAMPLE		G
03/07/13 1400	WR710194	39	PIBLK_00014	07mar13b	MA	1000	5	1	SAMPLE		MA
03/07/13 1414	WR710195	40	PESTL3_00014	MA		0	0	1	CCALIB_3		G

Signed: [signature] Read and Understood by: [signature]

Date: 03/08/13 Date: 3/8/13

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148935 Batch Start Date: 02/27/13 14:31 Batch Analyst: Tupayachi, Gudilberto

Batch Method: 3510C Batch End Date: 02/28/13 02:47

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PESTSP 00013	OPPSTPCBSU 00022	
MB 460-148935/1		3510C, 8081A		7	1000 mL	5 mL		50 uL	
LCS 460-148935/2		3510C, 8081A		7	1000 mL	5 mL	100 uL	50 uL	
460-51333-F-9 MS	130041-MW9D-80FT	3510C, 8081A	T	7	1000 mL	5 mL	100 uL	50 uL	
460-51333-E-9 MSD	130041-MW9D-80FT	3510C, 8081A	T	7	1000 mL	5 mL	100 uL	50 uL	
460-51333-G-9	130041-MW9D-80FT	3510C, 8081A	T	7	1000 mL	5 mL		50 uL	
460-51333-I-1	130041-MW10R-45FT	3510C, 8081A	T	7	1000 mL	5 mL		50 uL	
460-51333-G-3	130041-MW8S-50FT	3510C, 8081A	T	7	1000 mL	5 mL		50 uL	
460-51333-I-4	130041-MW-3-45FT	3510C, 8081A	T	7	1000 mL	5 mL		50 uL	
460-51333-I-6	130041-MW-2-45FT	3510C, 8081A	T	7	1000 mL	5 mL		50 uL	
460-51333-H-7	130041-MW-4-45FT	3510C, 8081A	T	7	1000 mL	5 mL		50 uL	

Batch Notes	
Batch Comment	8081 PEST
Person's name who did the concentration	gt
Exchange Solvent Lot #	32764
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap #	222299
N-evap temperature	37.0c Celsius
Na2SO4 Lot Number	225301
Prep Solvent Lot #	34712
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	gt
Person's name who witnessed reagent drop	wuh
Uncorrected N-evap Temperature	37.0c Celsius
Uncorrected Temperature	37.0c 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.

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148935 Batch Start Date: 02/27/13 14:31 Batch Analyst: Tupayachi, Gudilberto

Batch Method: 3510C Batch End Date: 02/28/13 02:47

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.

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 149023 Batch Start Date: 02/28/13 08:13 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PESTSP 00013	OPPSTPCBSU 00022	AnalysisComment
MB 460-149023/1		3510C, 8081A		7	1000 mL	5 mL		50 uL	
LCS 460-149023/2		3510C, 8081A		7	1000 mL	5 mL	100 uL	50 uL	
LCSD 460-149023/3		3510C, 8081A		7	1000 mL	5 mL	100 uL	50 uL	
460-51333-H-21	130041-MW-7D-55FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	
460-51333-I-19	130041-MW-9S-40FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	
460-51333-G-18	130041-MW-1-45FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	
460-51333-I-16	130041-MW-6-55FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	
460-51333-F-15	130041-MW-5-45FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	
460-51333-F-13	130041-MW11R-45FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	
460-51333-H-12	130041-MW7S-40FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	
460-51333-G-10	130041-MW8D-58FT	3510C, 8081A	T	7	1050 mL	5 mL		50 uL	bad matrix.

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.

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 149023 Batch Start Date: 02/28/13 08:13 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Batch Notes	
Batch Comment	8081
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	14760
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap #	222299
N-evap temperature	37.0c Celsius
Na2SO4 Lot Number	225301
Prep Solvent Lot #	30482
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP
Uncorrected N-evap Temperature	37.0c Celsius
Uncorrected Temperature	37.0c Celsius

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.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-51333-1

SDG No.:

Project: Site: 130041 (CDM) DEC Fumex Sanitation

Client Sample ID	Lab Sample ID
130041-MW10R-45FT	460-51333-1
130041-MW8S-50FT	460-51333-3
130041-MW-3-45FT	460-51333-4
130041-MW-2-45FT	460-51333-6
130041-MW-4-45FT	460-51333-7
130041-MW9D-80FT	460-51333-9
130041-MW8D-58FT	460-51333-10
130041-MW7S-40FT	460-51333-12
130041-MW11R-45FT	460-51333-13
130041-MW-5-45FT	460-51333-15
130041-MW-6-55FT	460-51333-16
130041-MW-1-45FT	460-51333-18
130041-MW-9S-40FT	460-51333-19
130041-MW-7D-55FT	460-51333-21

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW10R-45FT
Lab Sample ID: 460-51333-1
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 13:42
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	61.6	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.3	1.0	0.80	ug/L			5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	69.7	10.0	8.1	ug/L			5	6020
7440-02-0	Nickel	5.9	5.0	4.1	ug/L			5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	204	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	51600	250	193	ug/L			5	6020
7439-95-4	Magnesium	1930	250	197	ug/L			5	6020
7440-09-7	Potassium	9730	250	202	ug/L			5	6020
7440-70-2	Calcium	10300	250	196	ug/L			5	6020
7439-89-6	Iron	143	150	119	ug/L	J		5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW8S-50FT
Lab Sample ID: 460-51333-3
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 15:19
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	3.8	2.5	1.8	ug/L			5	6020
7440-39-3	Barium	23.9	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	10.0	10.0	8.1	ug/L	U		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	84.3	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	12400	250	193	ug/L			5	6020
7439-95-4	Magnesium	1550	250	197	ug/L			5	6020
7440-09-7	Potassium	3020	250	202	ug/L			5	6020
7440-70-2	Calcium	10900	250	196	ug/L			5	6020
7439-89-6	Iron	4180	150	119	ug/L			5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-3-45FT
Lab Sample ID: 460-51333-4
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 18:25
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	77.9	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	8.8	10.0	8.1	ug/L	J		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	50.0	50.0	43.8	ug/L	U		5	6020
7440-23-5	Sodium	48500	250	193	ug/L			5	6020
7439-95-4	Magnesium	2240	250	197	ug/L			5	6020
7440-09-7	Potassium	2690	250	202	ug/L			5	6020
7440-70-2	Calcium	14100	250	196	ug/L			5	6020
7439-89-6	Iron	150	150	119	ug/L	U		5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-2-45FT
Lab Sample ID: 460-51333-6
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 16:22
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	47.3	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	21.6	10.0	8.1	ug/L			5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	120	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	64100	250	193	ug/L			5	6020
7439-95-4	Magnesium	1580	250	197	ug/L			5	6020
7440-09-7	Potassium	2260	250	202	ug/L			5	6020
7440-70-2	Calcium	8210	250	196	ug/L			5	6020
7439-89-6	Iron	437	150	119	ug/L			5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-4-45FT
Lab Sample ID: 460-51333-7
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 17:39
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	71.6	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	10.0	10.0	8.1	ug/L	U		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	50.0	50.0	43.8	ug/L	U		5	6020
7440-23-5	Sodium	58800	250	193	ug/L			5	6020
7439-95-4	Magnesium	2290	250	197	ug/L			5	6020
7440-09-7	Potassium	2620	250	202	ug/L			5	6020
7440-70-2	Calcium	12000	250	196	ug/L			5	6020
7439-89-6	Iron	150	150	119	ug/L	U		5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW9D-80FT
Lab Sample ID: 460-51333-9
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 17:07
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	49.9	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	10.0	10.0	8.1	ug/L	U		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.1	2.5	1.5	ug/L	J		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	50.0	50.0	43.8	ug/L	U		5	6020
7440-23-5	Sodium	25800	250	193	ug/L			5	6020
7439-95-4	Magnesium	4180	250	197	ug/L			5	6020
7440-09-7	Potassium	2870	250	202	ug/L			5	6020
7440-70-2	Calcium	22900	250	196	ug/L			5	6020
7439-89-6	Iron	150	150	119	ug/L	U		5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW8D-58FT
Lab Sample ID: 460-51333-10
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 16:02
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	15.2	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	35.4	5.0	3.9	ug/L			5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	14.2	10.0	8.1	ug/L			5	6020
7440-02-0	Nickel	26.8	5.0	4.1	ug/L			5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	82.9	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	32100	250	193	ug/L			5	6020
7439-95-4	Magnesium	1110	250	197	ug/L			5	6020
7440-09-7	Potassium	1110	250	202	ug/L			5	6020
7440-70-2	Calcium	5200	250	196	ug/L			5	6020
7439-89-6	Iron	424	150	119	ug/L			5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW7S-40FT
Lab Sample ID: 460-51333-12
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 10:36
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	135	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	9.8	5.0	3.9	ug/L			5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	22.1	10.0	8.1	ug/L			5	6020
7440-02-0	Nickel	6.6	5.0	4.1	ug/L			5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	356	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	115000	250	193	ug/L			5	6020
7439-95-4	Magnesium	4990	250	197	ug/L			5	6020
7440-09-7	Potassium	5990	250	202	ug/L			5	6020
7440-70-2	Calcium	32900	250	196	ug/L			5	6020
7439-89-6	Iron	1830	150	119	ug/L			5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW11R-45FT
Lab Sample ID: 460-51333-13
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 12:36
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	42.0	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	41.3	10.0	8.1	ug/L			5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.4	1.5	1.2	ug/L	J		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	1300	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	38500	250	193	ug/L			5	6020
7439-95-4	Magnesium	2770	250	197	ug/L			5	6020
7440-09-7	Potassium	2910	250	202	ug/L			5	6020
7440-70-2	Calcium	15100	250	196	ug/L			5	6020
7439-89-6	Iron	1040	150	119	ug/L			5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-5-45FT
Lab Sample ID: 460-51333-15
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 14:10
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	3.7	2.5	1.8	ug/L			5	6020
7440-39-3	Barium	80.3	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	8.7	10.0	8.1	ug/L	J		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.1	2.5	1.5	ug/L	J		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	139	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	51000	250	193	ug/L			5	6020
7439-95-4	Magnesium	2290	250	197	ug/L			5	6020
7440-09-7	Potassium	2700	250	202	ug/L			5	6020
7440-70-2	Calcium	13900	250	196	ug/L			5	6020
7439-89-6	Iron	267	150	119	ug/L			5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-6-55FT
Lab Sample ID: 460-51333-16
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 15:05
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	76.9	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	3.0	2.5	2.0	ug/L			5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	10.0	10.0	8.1	ug/L	U		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	50.0	50.0	43.8	ug/L	U		5	6020
7440-23-5	Sodium	31000	250	193	ug/L			5	6020
7439-95-4	Magnesium	3990	250	197	ug/L			5	6020
7440-09-7	Potassium	3790	250	202	ug/L			5	6020
7440-70-2	Calcium	22000	250	196	ug/L			5	6020
7439-89-6	Iron	150	150	119	ug/L	U		5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-1-45FT
Lab Sample ID: 460-51333-18
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 12:35
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	51.1	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	10.0	10.0	8.1	ug/L	U		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	50.0	50.0	43.8	ug/L	U		5	6020
7440-23-5	Sodium	39600	250	193	ug/L			5	6020
7439-95-4	Magnesium	3650	250	197	ug/L			5	6020
7440-09-7	Potassium	1820	250	202	ug/L			5	6020
7440-70-2	Calcium	15100	250	196	ug/L			5	6020
7439-89-6	Iron	124	150	119	ug/L	J		5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-9S-40FT
Lab Sample ID: 460-51333-19
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 18:23
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	65.4	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.5	2.5	2.0	ug/L	U		5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	6.7	5.0	3.9	ug/L			5	6020
7440-50-8	Copper	6.4	5.0	3.8	ug/L			5	6020
7439-96-5	Manganese	54.2	10.0	8.1	ug/L			5	6020
7440-02-0	Nickel	5.9	5.0	4.1	ug/L			5	6020
7439-92-1	Lead	1.6	1.5	1.2	ug/L			5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L			5	6020
7440-66-6	Zinc	20.0	20.0	19.7	ug/L	U		5	6020
7429-90-5	Aluminum	1380	50.0	43.8	ug/L			5	6020
7440-23-5	Sodium	30600	250	193	ug/L			5	6020
7439-95-4	Magnesium	2880	250	197	ug/L			5	6020
7440-09-7	Potassium	2670	250	202	ug/L			5	6020
7440-70-2	Calcium	16500	250	196	ug/L			5	6020
7439-89-6	Iron	4890	150	119	ug/L			5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 130041-MW-7D-55FT
Lab Sample ID: 460-51333-21
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 10:23
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	4.1	ug/L	U		5	6020
7440-38-2	Arsenic	2.5	2.5	1.8	ug/L	U		5	6020
7440-39-3	Barium	54.6	5.0	3.8	ug/L			5	6020
7440-41-7	Beryllium	1.0	1.0	0.80	ug/L	U		5	6020
7440-43-9	Cadmium	2.7	2.5	2.0	ug/L			5	6020
7440-48-4	Cobalt	5.0	5.0	3.9	ug/L	U		5	6020
7440-47-3	Chromium	5.0	5.0	3.9	ug/L	U		5	6020
7440-50-8	Copper	5.0	5.0	3.8	ug/L	U		5	6020
7439-96-5	Manganese	10.0	10.0	8.1	ug/L	U		5	6020
7440-02-0	Nickel	5.0	5.0	4.1	ug/L	U		5	6020
7439-92-1	Lead	1.5	1.5	1.2	ug/L	U		5	6020
7440-36-0	Antimony	2.5	2.5	1.9	ug/L	U		5	6020
7782-49-2	Selenium	2.5	2.5	1.5	ug/L	U		5	6020
7440-62-2	Vanadium	5.0	5.0	3.8	ug/L	U		5	6020
7440-66-6	Zinc	61.1	20.0	19.7	ug/L			5	6020
7429-90-5	Aluminum	50.0	50.0	43.8	ug/L	U		5	6020
7440-23-5	Sodium	33400	250	193	ug/L			5	6020
7439-95-4	Magnesium	4950	250	197	ug/L			5	6020
7440-09-7	Potassium	1670	250	202	ug/L			5	6020
7440-70-2	Calcium	22100	250	196	ug/L			5	6020
7439-89-6	Iron	150	150	119	ug/L	U		5	6020
7440-28-0	Thallium	1.0	1.0	0.79	ug/L	U		5	6020
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

ICV Source: ME_IMS_ICV_00032 Concentration Units: ug/L

CCV Source: ME_imsCal3_00078

Analyte	ICV 460-149175/6 02/28/2013 20:56				CCV 460-149175/13 02/28/2013 21:21				CCV 460-149175/25 02/28/2013 22:04			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	387.8		400	97	489.2		500	98	494.8		500	99
Antimony	37.91		40.0	95	49.05		50.0	98	50.00		50.0	100
Arsenic	37.13		40.0	93	49.58		50.0	99	47.96		50.0	96
Barium	39.23		40.0	98	50.77		50.0	102	50.21		50.0	100
Beryllium	39.32		40.0	98	49.74		50.0	99	48.87		50.0	98
Cadmium	38.11		40.0	95	48.64		50.0	97	49.65		50.0	99
Calcium	3953		4000	99	5008		5000	100	5077		5000	102
Chromium	39.50		40.0	99	47.80		50.0	96	48.35		50.0	97
Cobalt	39.35		40.0	98	48.51		50.0	97	48.30		50.0	97
Copper	40.07		40.0	100	48.14		50.0	96	48.17		50.0	96
Iron	4028		4000	101	4964		5000	99	4917		5000	98
Lead	39.30		40.0	98	49.38		50.0	99	49.74		50.0	99
Magnesium	4013		4000	100	5096		5000	102	5024		5000	100
Manganese	391.0		400	98	492.7		500	99	490.6		500	98
Nickel	39.28		40.0	98	46.98		50.0	94	46.98		50.0	94
Potassium	3908		4000	98	4994		5000	100	5071		5000	101
Selenium	38.28		40.0	96	51.65		50.0	103	52.26		50.0	105
Silver	39.96		40.0	100	48.74		50.0	97	48.54		50.0	97
Sodium	3911		4000	98	4936		5000	99	4903		5000	98
Thallium	7.84		8.00	98	9.76		10.0	98	9.85		10.0	99
Vanadium	39.57		40.0	99	49.77		50.0	100	49.59		50.0	99
Zinc	39.05		40.0	98	50.53		50.0	101	50.67		50.0	101

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.: 460-51333-1

SDG No.:

ICV Source: ME_IMS_ICV_00032 Concentration Units: ug/L

CCV Source: ME_imsCal3_00078

Analyte	CCV 460-149175/37 02/28/2013 22:48											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	500.6		500	100								
Antimony	50.96		50.0	102								
Arsenic	48.55		50.0	97								
Barium	49.55		50.0	99								
Beryllium	50.75		50.0	102								
Cadmium	49.44		50.0	99								
Calcium	5191		5000	104								
Chromium	48.78		50.0	98								
Cobalt	48.35		50.0	97								
Copper	48.23		50.0	96								
Iron	4987		5000	100								
Lead	49.99		50.0	100								
Magnesium	5094		5000	102								
Manganese	500.7		500	100								
Nickel	47.74		50.0	95								
Potassium	5144		5000	103								
Selenium	54.00		50.0	108								
Silver	48.36		50.0	97								
Sodium	4934		5000	99								
Thallium	9.87		10.0	99								
Vanadium	50.57		50.0	101								
Zinc	49.31		50.0	99								

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.: 460-51333-1

SDG No.:

ICV Source: ME_IMS_ICV_00032 Concentration Units: ug/L

CCV Source: ME_imsCal3_00078

Analyte	ICV 460-149327/6 03/01/2013 03:42				CCV 460-149327/13 03/01/2013 04:07				CCV 460-149327/25 03/01/2013 04:51			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	395.9		400	99	503.5		500	101	490.4		500	98
Antimony	38.39		40.0	96	49.94		50.0	100	50.15		50.0	100
Arsenic	37.74		40.0	94	50.39		50.0	101	51.41		50.0	103
Barium	39.76		40.0	99	49.76		50.0	100	50.57		50.0	101
Beryllium	37.64		40.0	94	50.23		50.0	100	49.39		50.0	99
Cadmium	38.86		40.0	97	49.56		50.0	99	49.92		50.0	100
Calcium	3898		4000	97	4977		5000	100	4945		5000	99
Chromium	40.14		40.0	100	49.86		50.0	100	49.84		50.0	100
Cobalt	39.44		40.0	99	49.71		50.0	99	49.35		50.0	99
Copper	39.63		40.0	99	49.63		50.0	99	50.11		50.0	100
Iron	4062		4000	102	5060		5000	101	5008		5000	100
Lead	38.95		40.0	97	49.86		50.0	100	49.39		50.0	99
Magnesium	4076		4000	102	5107		5000	102	5071		5000	101
Manganese	398.3		400	100	496.7		500	99	498.0		500	100
Nickel	39.78		40.0	99	50.04		50.0	100	50.08		50.0	100
Potassium	3937		4000	98	4985		5000	100	4989		5000	100
Selenium	36.75		40.0	92	51.72		50.0	103	50.42		50.0	101
Silver	39.24		40.0	98	48.97		50.0	98	49.69		50.0	99
Sodium	3931		4000	98	4959		5000	99	4904		5000	98
Thallium	7.70		8.00	96	9.88		10.0	99	9.70		10.0	97
Vanadium	40.04		40.0	100	50.15		50.0	100	49.80		50.0	100
Zinc	40.99		40.0	102	50.44		50.0	101	50.77		50.0	102

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.: 460-51333-1

SDG No.:

ICV Source: ME_IMS_ICV_00032 Concentration Units: ug/L

CCV Source: ME_imsCal3_00078

Analyte	CCV 460-149327/32 03/01/2013 05:16											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	488.0		500	98								
Antimony	49.83		50.0	100								
Arsenic	48.20		50.0	96								
Barium	50.95		50.0	102								
Beryllium	48.31		50.0	97								
Cadmium	50.14		50.0	100								
Calcium	4874		5000	97								
Chromium	48.78		50.0	98								
Cobalt	49.15		50.0	98								
Copper	48.97		50.0	98								
Iron	4982		5000	100								
Lead	50.01		50.0	100								
Magnesium	4994		5000	100								
Manganese	494.3		500	99								
Nickel	50.06		50.0	100								
Potassium	4938		5000	99								
Selenium	52.26		50.0	105								
Silver	49.31		50.0	99								
Sodium	4838		5000	97								
Thallium	9.73		10.0	97								
Vanadium	48.98		50.0	98								
Zinc	50.91		50.0	102								

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.: 460-51333-1

SDG No.:

ICV Source: ME_DQCS-INT_00826 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00826

Analyte	ICV 460-148960/7-A 02/27/2013 19:50				CCV 460-148960/8-A 02/27/2013 20:13				CCV 460-148960/8-A 02/27/2013 20:36			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.11		5.00	102	5.03		5.00	101	5.11		5.00	102

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.: 460-51333-1

SDG No.:

ICV Source: ME_DQCS-INT_00826 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00826

Analyte	CCV 460-148960/8-A 02/27/2013 20:53											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.21		5.00	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Method: 6020 Instrument ID: ICPMS2

Lab Sample ID: CRI 460-149175/8 Concentration Units: ug/L

CRQL Check Standard Source: ME_ICmsCal1_00081

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	1.04		104	50-150
Arsenic	0.500	0.612		122	50-150
Barium	1.00	0.887	J	89	50-150
Beryllium	0.200	0.227		114	50-150
Cadmium	0.500	0.489	J	98	50-150
Cobalt	1.00	0.958	J	96	50-150
Chromium	1.00	1.06		106	50-150
Copper	1.00	1.01		101	50-150
Manganese	2.00	1.93	J	97	50-150
Nickel	1.00	0.902	J	90	50-150
Lead	0.300	0.300		100	50-150
Antimony	0.500	0.455	J	91	50-150
Selenium	0.500	0.710		142	50-150
Vanadium	1.00	0.923	J	92	50-150
Zinc	4.00	4.48		112	50-150
Aluminum	10.0	11.92		119	50-150
Sodium	50.0	45.24	J	90	50-150
Magnesium	50.0	52.64		105	50-150
Potassium	50.0	54.41		109	50-150
Calcium	50.0	56.97		114	50-150
Iron	30.0	34.83		116	50-150
Thallium	0.200	0.219		110	50-150

Lab Sample ID: CRI 460-149327/8 Concentration Units: ug/L

CRQL Check Standard Source: ME_ICmsCal1_00081

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	1.07		107	50-150
Arsenic	0.500	0.427	J	85	50-150
Barium	1.00	1.01		101	50-150
Beryllium	0.200	0.230		115	50-150
Cadmium	0.500	0.539		108	50-150
Cobalt	1.00	0.980	J	98	50-150
Chromium	1.00	1.07		107	50-150
Copper	1.00	1.05		105	50-150

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Method: 6020 Instrument ID: ICPMS2

Lab Sample ID: CRI 460-149327/8 Concentration Units: ug/L

CRQL Check Standard Source: ME_ICmsCal1_00081

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Manganese	2.00	2.04		102	50-150
Nickel	1.00	0.985	J	99	50-150
Lead	0.300	0.314		105	50-150
Antimony	0.500	0.544		109	50-150
Selenium	0.500	0.547		109	50-150
Vanadium	1.00	0.839	J	84	50-150
Zinc	4.00	4.87		122	50-150
Aluminum	10.0	10.51		105	50-150
Sodium	50.0	43.57	J	87	50-150
Magnesium	50.0	54.26		109	50-150
Potassium	50.0	52.93		106	50-150
Calcium	50.0	59.72		119	50-150
Iron	30.0	33.95		113	50-150
Thallium	0.200	0.222		111	50-150

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

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-149175/7 02/28/2013 20:59		CCB 460-149175/14 02/28/2013 21:24		CCB 460-149175/26 02/28/2013 22:08		CCB 460-149175/38 02/28/2013 22:51	
		Found	C	Found	C	Found	C	Found	C
Aluminum	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Antimony	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Arsenic	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Barium	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Beryllium	0.20	0.20	U	0.20	U	0.20	U	0.20	U
Cadmium	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Calcium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Chromium	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Copper	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Iron	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Lead	0.30	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Manganese	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Nickel	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Potassium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Selenium	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Silver	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Sodium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Thallium	0.20	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	4.0	4.0	U	4.0	U	4.0	U	4.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-149327/7 03/01/2013 03:46		CCB 460-149327/14 03/01/2013 04:11		CCB 460-149327/26 03/01/2013 04:54		CCB 460-149327/33 03/01/2013 05:20	
		Found	C	Found	C	Found	C	Found	C
Aluminum	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Antimony	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Arsenic	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Barium	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Beryllium	0.20	0.20	U	0.20	U	0.20	U	0.20	U
Cadmium	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Calcium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Chromium	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Copper	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Iron	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Lead	0.30	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Manganese	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Nickel	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Potassium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Selenium	0.50	0.50	U	0.50	U	0.50	U	0.50	U
Silver	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Sodium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Thallium	0.20	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	4.0	4.0	U	4.0	U	4.0	U	4.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-148987/8 02/27/2013 19:52		CCB 460-148960/9-A 02/27/2013 20:15		CCB 460-148960/9-A 02/27/2013 20:38		CCB 460-148960/9-A 02/27/2013 20:55	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-148882/1-A ^5

Instrument Code: ICPMS2 Batch No.: 149175

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	5.0	U		6020
7440-38-2	Arsenic	2.5	U		6020
7440-39-3	Barium	5.0	U		6020
7440-41-7	Beryllium	1.0	U		6020
7440-43-9	Cadmium	2.5	U		6020
7440-48-4	Cobalt	5.0	U		6020
7440-47-3	Chromium	5.0	U		6020
7440-50-8	Copper	5.0	U		6020
7439-96-5	Manganese	10.0	U		6020
7440-02-0	Nickel	5.0	U		6020
7439-92-1	Lead	1.5	U		6020
7440-36-0	Antimony	2.5	U		6020
7782-49-2	Selenium	2.5	U		6020
7440-62-2	Vanadium	5.0	U		6020
7440-66-6	Zinc	20.0	U		6020
7429-90-5	Aluminum	50.0	U		6020
7440-23-5	Sodium	250	U		6020
7439-95-4	Magnesium	250	U		6020
7440-09-7	Potassium	250	U		6020
7440-70-2	Calcium	250	U		6020
7439-89-6	Iron	150	U		6020
7440-28-0	Thallium	1.0	U		6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-148960/11-A

Instrument Code: LEEMAN5 Batch No.: 148987

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: ICSA 460-149175/9 Instrument ID: ICPMS2

Lab File ID: 011SMPL.D ICS Source: ME_ICSA_MS_00218

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**50000**	**45951**	**92**
Antimony		**0.336**	
Arsenic		**0.0020**	
Barium		**0.130**	
Beryllium		**-0.0110**	
Cadmium		**0.986**	
Calcium	**150000**	**156737**	**104**
Chromium		**1.34**	
Cobalt		**0.0140**	
Copper		**0.312**	
Iron	**125000**	**120156**	**96**
Lead		**0.198**	
Magnesium	**50000**	**47386**	**95**
Manganese		**0.820**	
Nickel		**0.685**	
Potassium	**50000**	**49654**	**99**
Selenium		**-0.0400**	
Silver		**0.0540**	
Sodium	**125000**	**122537**	**98**
Thallium		**0.0180**	
Vanadium		**0.231**	
Zinc		**1.68**	
Boron		*1.80*	
Molybdenum	*1000*	*1059*	*106*
Strontium		*0.579*	
Tin		*0.145*	
Titanium	*1000*	*1066*	*107*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: ICSAB 460-149175/10 Instrument ID: ICPMS2

Lab File ID: 012SMPL.D ICS Source: ME_ICSAB_MS_00070

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**50000**	**47296**	**95**
Antimony		**0.263**	
Arsenic	**100**	**103**	**103**
Barium		**0.0810**	
Beryllium		**0.0300**	
Cadmium	**100**	**93.5**	**93**
Calcium	**150000**	**161112**	**107**
Chromium	**200**	**200**	**100**
Cobalt	**200**	**198**	**99**
Copper	**200**	**182**	**91**
Iron	**125000**	**123927**	**99**
Lead		**0.211**	
Magnesium	**50000**	**48524**	**97**
Manganese	**200**	**201**	**101**
Nickel	**200**	**187**	**94**
Potassium	**50000**	**51055**	**102**
Selenium	**100**	**95.2**	**95**
Silver	**200**	**192**	**96**
Sodium	**125000**	**125262**	**100**
Thallium		**0.0200**	
Vanadium	**200**	**215**	**108**
Zinc	**100**	**86.0**	**86**
Boron		*1.28*	
Molybdenum	*1000*	*1077*	*108*
Strontium		*0.656*	
Tin		*0.133*	
Titanium	*1000*	*1108*	*111*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: ICSA 460-149327/9 Instrument ID: ICPMS2

Lab File ID: 011SMPL.D ICS Source: ME_ICSA_MS_00218

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**50000**	**46645**	**93**
Antimony		**0.345**	
Arsenic		**-0.0260**	
Barium		**0.236**	
Beryllium		**0.0040**	
Cadmium		**0.828**	
Calcium	**150000**	**155493**	**104**
Chromium		**1.42**	
Cobalt		**0.0300**	
Copper		**0.441**	
Iron	**125000**	**122313**	**98**
Lead		**0.200**	
Magnesium	**50000**	**47436**	**95**
Manganese		**0.743**	
Nickel		**0.846**	
Potassium	**50000**	**49891**	**100**
Selenium		**0.0700**	
Silver		**0.0970**	
Sodium	**125000**	**120778**	**97**
Thallium		**0.0310**	
Vanadium		**0.253**	
Zinc		**1.93**	
Boron		*1.25*	
Molybdenum	*1000*	*1083*	*108*
Strontium		*0.554*	
Tin		*0.196*	
Titanium	*1000*	*1083*	*108*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Lab Sample ID: ICSAB 460-149327/10 Instrument ID: ICPMS2

Lab File ID: 012SMPL.D ICS Source: ME_ICSAB_MS_00070

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**50000**	**47938**	**96**
Antimony		**0.364**	
Arsenic	**100**	**106**	**106**
Barium		**0.175**	
Beryllium		**-0.0090**	
Cadmium	**100**	**97.6**	**98**
Calcium	**150000**	**159353**	**106**
Chromium	**200**	**204**	**102**
Cobalt	**200**	**200**	**100**
Copper	**200**	**187**	**93**
Iron	**125000**	**125760**	**101**
Lead		**0.225**	
Magnesium	**50000**	**49145**	**98**
Manganese	**200**	**205**	**103**
Nickel	**200**	**192**	**96**
Potassium	**50000**	**51252**	**103**
Selenium	**100**	**97.7**	**98**
Silver	**200**	**190**	**95**
Sodium	**125000**	**124249**	**99**
Thallium		**0.0190**	
Vanadium	**200**	**212**	**106**
Zinc	**100**	**86.4**	**86**
Boron		*1.35*	
Molybdenum	*1000*	*1116*	*112*
Strontium		*0.680*	
Tin		*0.183*	
Titanium	*1000*	*1093*	*109*

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 130041-MW9D-80FT MS Lab ID: 460-51333-9 MS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

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
Silver	24.86		5.0	U	25.0	99	75-125		6020
Arsenic	45.97		2.5	U	50.0	92	75-125		6020
Barium	101.2		49.9		50.0	103	75-125		6020
Beryllium	26.17		1.0	U	25.0	105	75-125		6020
Cadmium	21.74		2.5	U	25.0	87	75-125		6020
Cobalt	23.54		5.0	U	25.0	94	75-125		6020
Chromium	51.01		5.0	U	50.0	102	75-125		6020
Copper	49.32		5.0	U	50.0	99	75-125		6020
Manganese	253.2		10.0	U	250	101	75-125		6020
Nickel	47.40		5.0	U	50.0	95	75-125		6020
Lead	24.88		1.5	U	25.0	100	75-125		6020
Antimony	25.57		2.5	U	25.0	102	75-125		6020
Selenium	46.34		2.1	J	50.0	88	75-125		6020
Vanadium	49.37		5.0	U	50.0	99	75-125		6020
Zinc	239.9		20.0	U	250	96	75-125		6020
Aluminum	2492		50.0	U	2500	100	75-125		6020
Sodium	27730		25800		2500	78	75-125	4	6020
Magnesium	6671		4180		2500	99	75-125		6020
Potassium	5303		2870		2500	97	75-125		6020
Calcium	25010		22900		2500	86	75-125	4	6020
Iron	2620		150	U	2500	105	75-125		6020
Thallium	19.15		1.0	U	20.0	96	75-125		6020
Mercury	1.08		0.20	U	1.00	108	75-125		7470A

SSR = Spiked Sample Result

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

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 130041-MW9D-80FT PDS Lab ID: 460-51333-9 PDS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	25.48		5.0	U	25.0	102	75-125		6020
Arsenic	48.08		2.5	U	50.0	96	75-125		6020
Barium	98.62		49.9		50.0	98	75-125		6020
Beryllium	25.88		1.0	U	25.0	104	75-125		6020
Cadmium	24.20		2.5	U	25.0	97	75-125		6020
Cobalt	24.75		5.0	U	25.0	99	75-125		6020
Chromium	50.83		5.0	U	50.0	102	75-125		6020
Copper	49.78		5.0	U	50.0	100	75-125		6020
Manganese	255.5		10.0	U	250	102	75-125		6020
Nickel	48.82		5.0	U	50.0	98	75-125		6020
Lead	24.99		1.5	U	25.0	100	75-125		6020
Antimony	24.24		2.5	U	25.0	97	75-125		6020
Selenium	46.74		2.1	J	50.0	89	75-125		6020
Vanadium	51.08		5.0	U	50.0	102	75-125		6020
Zinc	244.7		20.0	U	250	98	75-125		6020
Aluminum	2494		50.0	U	2500	100	75-125		6020
Sodium	28400		25800		2500	NC	75-125		6020
Magnesium	6859		4180		2500	107	75-125		6020
Potassium	5385		2870		2500	101	75-125		6020
Calcium	25170		22900		2500	92	75-125		6020
Iron	2650		150	U	2500	106	75-125		6020
Thallium	19.68		1.0	U	20.0	98	75-125		6020

SSR = Spiked Sample Result

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

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 130041-MW9D-80FT DU | Lab ID: 460-51333-9 DU

Lab Name: TestAmerica Edison | Job No.: 460-51333-1

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
Silver	5.0	5.0	U	5.0	U	NC		6020
Arsenic	2.5	2.5	U	2.5	U	NC		6020
Barium	5.0	49.9		48.50		3		6020
Beryllium	1.0	1.0	U	1.0	U	NC		6020
Cadmium	2.5	2.5	U	2.5	U	NC		6020
Cobalt	5.0	5.0	U	5.0	U	NC		6020
Chromium	5.0	5.0	U	5.0	U	NC		6020
Copper	5.0	5.0	U	5.0	U	NC		6020
Manganese	10.0	10.0	U	10.0	U	NC		6020
Nickel	5.0	5.0	U	5.0	U	NC		6020
Lead	1.5	1.5	U	1.5	U	NC		6020
Antimony	2.5	2.5	U	2.5	U	NC		6020
Selenium	2.5	2.1	J	2.5	U	NC		6020
Vanadium	5.0	5.0	U	5.0	U	NC		6020
Zinc	20.0	20.0	U	20.0	U	NC		6020
Aluminum	50.0	50.0	U	50.0	U	NC		6020
Sodium	250	25800		26330		2		6020
Magnesium	250	4180		4170		0.3		6020
Potassium	250	2870		2834		1		6020
Calcium	250	22900		22330		2		6020
Iron	150	150	U	150	U	NC		6020
Thallium	1.0	1.0	U	1.0	U	NC		6020
Mercury	0.20	0.20	U	0.20	U	NC		7470A

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-148882/2-A ^5

Lab Name: TestAmerica Edison Job No.: 460-51333-1

Sample Matrix: Water LCS Source: ME_ipmsSPK_00012

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	25.0	25.47		102	75	125		6020
Arsenic	50.0	51.60		103	75	125		6020
Barium	50.0	50.13		100	75	125		6020
Beryllium	25.0	27.84		111	75	125		6020
Cadmium	25.0	24.20		97	75	125		6020
Cobalt	25.0	24.32		97	75	125		6020
Chromium	50.0	50.02		100	75	125		6020
Copper	50.0	49.49		99	75	125		6020
Manganese	250	256.0		102	75	125		6020
Nickel	50.0	47.10		94	75	125		6020
Lead	25.0	25.12		100	75	125		6020
Antimony	25.0	25.30		101	75	125		6020
Selenium	50.0	49.50		99	75	125		6020
Vanadium	50.0	48.46		97	75	125		6020
Zinc	250	239.9		96	75	125		6020
Aluminum	2500	2525		101	75	125		6020
Sodium	2500	2576		103	75	125		6020
Magnesium	2500	2652		106	75	125		6020
Potassium	2500	2561		102	75	125		6020
Calcium	2500	2548		102	75	125		6020
Iron	2500	2630		105	75	125		6020
Thallium	20.0	18.96		95	75	125		6020

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-148960/12-A

Lab Name: TestAmerica Edison Job No.: 460-51333-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_01106

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.03		103	80	120		7470A

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: 460-51333-9

SDG No:

Lab Name: TestAmerica Edison Job No: 460-51333-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	5.0	U	25.0	U	NC		6020
Arsenic	2.5	U	12.5	U	NC		6020
Barium	49.9		49.05		NC		6020
Beryllium	1.0	U	5.0	U	NC		6020
Cadmium	2.5	U	12.5	U	NC		6020
Cobalt	5.0	U	25.0	U	NC		6020
Chromium	5.0	U	25.0	U	NC		6020
Copper	5.0	U	25.0	U	NC		6020
Manganese	10.0	U	50.0	U	NC		6020
Nickel	5.0	U	25.0	U	NC		6020
Lead	1.5	U	7.5	U	NC		6020
Antimony	2.5	U	12.5	U	NC		6020
Selenium	2.1	J	12.5	U	NC		6020
Vanadium	5.0	U	25.0	U	NC		6020
Zinc	20.0	U	100	U	NC		6020
Aluminum	50.0	U	250	U	NC		6020
Sodium	25800		25360		1.6		6020
Magnesium	4180		4123		NC		6020
Potassium	2870		3193		NC		6020
Calcium	22900		22710		0.67		6020
Iron	150	U	750	U	NC		6020
Thallium	1.0	U	5.0	U	NC		6020

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-51333-9

SDG No:

Lab Name: TestAmerica Edison Job No: 460-51333-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.20	U	1.0	U	NC		7470A

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: 460-51333-1

SDG Number:

Matrix: Water Instrument ID: ICPMS2

Method: 6020 MDL Date: 01/05/2012 13:38

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		50	43.75
Antimony		2.5	1.905
Arsenic		2.5	1.815
Barium		5	3.845
Beryllium		1	0.8
Cadmium		2.5	1.97
Calcium		250	195.5
Chromium		5	3.865
Cobalt		5	3.875
Copper		5	3.84
Iron		150	119
Lead		1.5	1.17
Magnesium		250	197
Manganese		10	8.05
Nickel		5	4.12
Potassium		250	201.5
Selenium		2.5	1.45
Silver		5	4.065
Sodium		250	193
Thallium		1	0.785
Vanadium		5	3.835
Zinc		20	19.695

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-51333-1

SDG Number:

Matrix: Water Instrument ID: ICPMS2

Method: 6020 XMDL Date: 11/14/2011 14:24

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		10	8.75
Antimony		0.5	0.381
Arsenic		0.5	0.363
Barium		1	0.769
Beryllium		0.2	0.16
Cadmium		0.5	0.394
Calcium		50	39.1
Chromium		1	0.773
Cobalt		1	0.775
Copper		1	0.768
Iron		30	23.8
Lead		0.3	0.234
Magnesium		50	39.4
Manganese		2	1.61
Nickel		1	0.824
Potassium		50	40.3
Selenium		0.5	0.29
Silver		1	0.813
Sodium		50	38.6
Thallium		0.2	0.157
Vanadium		1	0.767
Zinc		4	3.939

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-51333-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Method: 7470A MDL Date: 02/25/2013 09:39

Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-51333-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Method: 7470A XMDL Date: 02/25/2013 09:39

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-51333-1

SDG No.:

Instrument ID: ICPMS2 Date: 03/25/2012 00:00

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		500	6020
Arsenic		4000	6020
Barium		4000	6020
Beryllium		4000	6020
Cadmium		4000	6020
Cobalt		4000	6020
Chromium		4000	6020
Copper		2000	6020
Manganese		40000	6020
Nickel		2000	6020
Lead		4000	6020
Antimony		4000	6020
Selenium		4000	6020
Vanadium		4000	6020
Zinc		1000	6020
Aluminum		40000	6020
Sodium		200000	6020
Magnesium		200000	6020
Potassium		400000	6020
Calcium		400000	6020
Iron		400000	6020
Thallium		800	6020

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-148882/1-A ^5	02/27/2013 11:02	148882		100	100
LCS 460-148882/2-A ^5	02/27/2013 11:02	148882		100	100
460-51333-9	02/27/2013 11:02	148882		100	100
460-51333-9 DU	02/27/2013 11:02	148882		100	100
460-51333-9 MS	02/27/2013 11:02	148882		100	100
460-51333-1	02/27/2013 11:02	148882		100	100
460-51333-3	02/27/2013 11:02	148882		100	100
460-51333-4	02/27/2013 11:02	148882		100	100
460-51333-6	02/27/2013 11:02	148882		100	100
460-51333-7	02/27/2013 11:02	148882		100	100
460-51333-10	02/27/2013 11:02	148882		100	100
460-51333-12	02/27/2013 11:02	148882		100	100
460-51333-13	02/27/2013 11:02	148882		100	100
460-51333-15	02/27/2013 11:02	148882		100	100
460-51333-16	02/27/2013 11:02	148882		100	100
460-51333-18	02/27/2013 11:02	148882		100	100
460-51333-19	02/27/2013 11:02	148882		100	100
460-51333-21	02/27/2013 11:02	148882		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-148960/11-A	02/27/2013 17:16	148960		30	30
LCS 460-148960/12-A	02/27/2013 17:16	148960		30	30
460-51333-9	02/27/2013 17:16	148960		30	30
460-51333-9 DU	02/27/2013 17:16	148960		30	30
460-51333-9 MS	02/27/2013 17:16	148960		30	30
460-51333-1	02/27/2013 17:16	148960		30	30
460-51333-3	02/27/2013 17:16	148960		30	30
460-51333-4	02/27/2013 17:16	148960		30	30
460-51333-6	02/27/2013 17:16	148960		30	30
460-51333-7	02/27/2013 17:16	148960		30	30
460-51333-10	02/27/2013 17:16	148960		30	30
460-51333-12	02/27/2013 17:16	148960		30	30
460-51333-13	02/27/2013 17:16	148960		30	30
460-51333-15	02/27/2013 17:16	148960		30	30
460-51333-16	02/27/2013 17:16	148960		30	30
460-51333-18	02/27/2013 17:16	148960		30	30
460-51333-19	02/27/2013 17:16	148960		30	30
460-51333-21	02/27/2013 17:16	148960		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: ICPMS2 Method: 6020

Start Date: 02/28/2013 20:37 End Date: 02/28/2013 22:51

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			20:37																				
ZZZZZZ			20:41																				
ZZZZZZ			20:45																				
ZZZZZZ			20:48																				
ZZZZZZ			20:52																				
ICV 460-149175/6	1		20:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-149175/7	1		20:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 460-149175/8	1		21:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-149175/9	1		21:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-149175/10	1		21:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:14																				
ZZZZZZ			21:17																				
CCV 460-149175/13	1		21:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-149175/14	1		21:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-148882/1-A ^5	5	T	21:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-148882/2-A ^5	5	T	21:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-9 PDS	5	T	21:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-9 MS	5	T	21:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-9 DU	5	T	21:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-9	5	T	21:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-9 SD	25	T	21:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:53																				
ZZZZZZ			21:57																				
ZZZZZZ			22:01																				
CCV 460-149175/25	1		22:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-149175/26	1		22:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-1	5	T	22:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-3	5	T	22:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-4	5	T	22:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-6	5	T	22:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-7	5	T	22:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-10	5	T	22:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-12	5	T	22:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-13	5	T	22:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-15	5	T	22:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-16	5	T	22:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-149175/37	1		22:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-149175/38	1		22:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: ICPMS2 Method: 6020

Start Date: 02/28/2013 20:37 End Date: 02/28/2013 22:51

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			20:37																				
ZZZZZZ			20:41																				
ZZZZZZ			20:45																				
ZZZZZZ			20:48																				
ZZZZZZ			20:52																				
ICV 460-149175/6	1		20:56	X	X																		
ICB 460-149175/7	1		20:59	X	X																		
CRI 460-149175/8	1		21:03	X	X																		
ICSA 460-149175/9	1		21:06	X	X																		
ICSAB 460-149175/10	1		21:10	X	X																		
ZZZZZZ			21:14																				
ZZZZZZ			21:17																				
CCV 460-149175/13	1		21:21	X	X																		
CCB 460-149175/14	1		21:24	X	X																		
MB 460-148882/1-A ^5	5	T	21:28	X	X																		
LCS 460-148882/2-A ^5	5	T	21:32	X	X																		
460-51333-9 PDS	5	T	21:35	X	X																		
460-51333-9 MS	5	T	21:39	X	X																		
460-51333-9 DU	5	T	21:43	X	X																		
460-51333-9	5	T	21:46	X	X																		
460-51333-9 SD	25	T	21:50	X	X																		
ZZZZZZ			21:53																				
ZZZZZZ			21:57																				
ZZZZZZ			22:01																				
CCV 460-149175/25	1		22:04	X	X																		
CCB 460-149175/26	1		22:08	X	X																		
460-51333-1	5	T	22:11	X	X																		
460-51333-3	5	T	22:15	X	X																		
460-51333-4	5	T	22:19	X	X																		
460-51333-6	5	T	22:22	X	X																		
460-51333-7	5	T	22:26	X	X																		
460-51333-10	5	T	22:29	X	X																		
460-51333-12	5	T	22:33	X	X																		
460-51333-13	5	T	22:37	X	X																		
460-51333-15	5	T	22:40	X	X																		
460-51333-16	5	T	22:44	X	X																		
CCV 460-149175/37	1		22:48	X	X																		
CCB 460-149175/38	1		22:51	X	X																		

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: ICPMS2 Method: 6020

Start Date: 03/01/2013 03:24 End Date: 03/01/2013 06:39

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			03:24																				
ZZZZZZ			03:27																				
ZZZZZZ			03:31																				
ZZZZZZ			03:35																				
ZZZZZZ			03:38																				
ICV 460-149327/6	1		03:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-149327/7	1		03:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 460-149327/8	1		03:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-149327/9	1		03:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-149327/10	1		03:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			04:00																				
ZZZZZZ			04:04																				
CCV 460-149327/13	1		04:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-149327/14	1		04:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			04:15																				
ZZZZZZ			04:18																				
ZZZZZZ			04:22																				
ZZZZZZ			04:25																				
ZZZZZZ			04:29																				
ZZZZZZ			04:33																				
ZZZZZZ			04:36																				
ZZZZZZ			04:40																				
ZZZZZZ			04:43																				
ZZZZZZ			04:47																				
CCV 460-149327/25	1		04:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-149327/26	1		04:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-18	5	T	04:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-19	5	T	05:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-51333-21	5	T	05:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			05:09																				
ZZZZZZ			05:12																				
CCV 460-149327/32	1		05:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-149327/33	1		05:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			05:23																				
ZZZZZZ			05:27																				
ZZZZZZ			05:30																				
ZZZZZZ			05:34																				
ZZZZZZ			05:38																				
ZZZZZZ			05:41																				
ZZZZZZ			05:45																				
ZZZZZZ			05:49																				
ZZZZZZ			05:52																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: ICPMS2 Method: 6020

Start Date: 03/01/2013 03:24 End Date: 03/01/2013 06:39

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			05:56																					
CCV 460-149327/44			05:59																					
CCB 460-149327/45			06:03																					
ZZZZZZ			06:07																					
ZZZZZZ			06:10																					
ZZZZZZ			06:14																					
ZZZZZZ			06:17																					
ZZZZZZ			06:21																					
ZZZZZZ			06:25																					
ZZZZZZ			06:28																					
ZZZZZZ			06:32																					
CCV 460-149327/54			06:35																					
CCB 460-149327/55			06:39																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: ICPMS2 Method: 6020

Start Date: 03/01/2013 03:24 End Date: 03/01/2013 06:39

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			03:24																					
ZZZZZZ			03:27																					
ZZZZZZ			03:31																					
ZZZZZZ			03:35																					
ZZZZZZ			03:38																					
ICV 460-149327/6	1		03:42	X	X																			
ICB 460-149327/7	1		03:46	X	X																			
CRI 460-149327/8	1		03:49	X	X																			
ICSA 460-149327/9	1		03:53	X	X																			
ICSAB 460-149327/10	1		03:56	X	X																			
ZZZZZZ			04:00																					
ZZZZZZ			04:04																					
CCV 460-149327/13	1		04:07	X	X																			
CCB 460-149327/14	1		04:11	X	X																			
ZZZZZZ			04:15																					
ZZZZZZ			04:18																					
ZZZZZZ			04:22																					
ZZZZZZ			04:25																					
ZZZZZZ			04:29																					
ZZZZZZ			04:33																					
ZZZZZZ			04:36																					
ZZZZZZ			04:40																					
ZZZZZZ			04:43																					
ZZZZZZ			04:47																					
CCV 460-149327/25	1		04:51	X	X																			
CCB 460-149327/26	1		04:54	X	X																			
460-51333-18	5	T	04:58	X	X																			
460-51333-19	5	T	05:02	X	X																			
460-51333-21	5	T	05:05	X	X																			
ZZZZZZ			05:09																					
ZZZZZZ			05:12																					
CCV 460-149327/32	1		05:16	X	X																			
CCB 460-149327/33	1		05:20	X	X																			
ZZZZZZ			05:23																					
ZZZZZZ			05:27																					
ZZZZZZ			05:30																					
ZZZZZZ			05:34																					
ZZZZZZ			05:38																					
ZZZZZZ			05:41																					
ZZZZZZ			05:45																					
ZZZZZZ			05:49																					
ZZZZZZ			05:52																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: ICPMS2 Method: 6020

Start Date: 03/01/2013 03:24 End Date: 03/01/2013 06:39

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			05:56																					
CCV 460-149327/44			05:59																					
CCB 460-149327/45			06:03																					
ZZZZZZ			06:07																					
ZZZZZZ			06:10																					
ZZZZZZ			06:14																					
ZZZZZZ			06:17																					
ZZZZZZ			06:21																					
ZZZZZZ			06:25																					
ZZZZZZ			06:28																					
ZZZZZZ			06:32																					
CCV 460-149327/54			06:35																					
CCB 460-149327/55			06:39																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 02/27/2013 19:38 End Date: 02/27/2013 21:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 460-148960/1-A			19:38	X																			
IC 460-148960/2-A			19:40	X																			
IC 460-148960/3-A			19:42	X																			
IC 460-148960/4-A			19:44	X																			
IC 460-148960/5-A			19:46	X																			
IC 460-148960/6-A			19:48	X																			
ICV 460-148960/7-A	1		19:50	X																			
ICB 460-148987/8	1		19:52	X																			
ZZZZZZ			19:54																				
MB 460-148960/11-A	1	T	19:56	X																			
LCS 460-148960/12-A	1	T	19:58	X																			
460-51333-9	1	T	19:59	X																			
460-51333-9 DU	1	T	20:01	X																			
460-51333-9 MS	1	T	20:03	X																			
ZZZZZZ			20:05																				
ZZZZZZ			20:07																				
ZZZZZZ			20:09																				
ZZZZZZ			20:11																				
CCV 460-148960/8-A	1		20:13	X																			
CCB 460-148960/9-A	1		20:15	X																			
ZZZZZZ			20:17																				
460-51333-1	1	T	20:19	X																			
460-51333-3	1	T	20:21	X																			
460-51333-4	1	T	20:23	X																			
460-51333-6	1	T	20:25	X																			
460-51333-7	1	T	20:27	X																			
460-51333-10	1	T	20:29	X																			
460-51333-12	1	T	20:30	X																			
460-51333-13	1	T	20:32	X																			
460-51333-15	1	T	20:34	X																			
CCV 460-148960/8-A	1		20:36	X																			
CCB 460-148960/9-A	1		20:38	X																			
460-51333-16	1	T	20:40	X																			
460-51333-18	1	T	20:42	X																			
460-51333-19	1	T	20:44	X																			
460-51333-21	1	T	20:47	X																			
ZZZZZZ			20:49																				
460-51333-9 SD	5	T	20:51	X																			
CCV 460-148960/8-A	1		20:53	X																			
CCB 460-148960/9-A	1		20:55	X																			
ZZZZZZ			20:56																				
ZZZZZZ			20:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 02/27/2013 19:38 End Date: 02/27/2013 21:59

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			21:00																				
ZZZZZZ			21:02																				
ZZZZZZ			21:04																				
ZZZZZZ			21:06																				
ZZZZZZ			21:08																				
ZZZZZZ			21:10																				
ZZZZZZ			21:12																				
ZZZZZZ			21:14																				
CCV 460-148960/8-A			21:16																				
CCB 460-148960/9-A			21:18																				
ZZZZZZ			21:20																				
ZZZZZZ			21:22																				
ZZZZZZ			21:24																				
ZZZZZZ			21:25																				
ZZZZZZ			21:27																				
ZZZZZZ			21:30																				
ZZZZZZ			21:32																				
CCV 460-148960/8-A			21:33																				
CCB 460-148960/9-A			21:35																				
ZZZZZZ			21:37																				
ZZZZZZ			21:39																				
ZZZZZZ			21:41																				
ZZZZZZ			21:43																				
ZZZZZZ			21:45																				
ZZZZZZ			21:47																				
ZZZZZZ			21:49																				
ZZZZZZ			21:51																				
ZZZZZZ			21:53																				
ZZZZZZ			21:55																				
CCV 460-148960/8-A			21:57																				
CCB 460-148960/9-A			21:59																				

Prep Types
T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

ICP-MS Instrument ID: ICPMS2 Start Date: 02/28/2013 End Date: 02/28/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element In	Q	Element Tb	Q
ICV 460-149175/6	20:56	103		108		108		104		103	
ICB 460-149175/7	20:59	101		104		102		102		101	
CRI 460-149175/8	21:03	104		110		107		107		105	
ICSA 460-149175/9	21:06	91		101		95		93		99	
ICSAB 460-149175/10	21:10	88		99		93		92		98	
CCV 460-149175/13	21:21	97		104		100		102		102	
CCB 460-149175/14	21:24	94		99		97		100		100	
MB 460-148882/1-A	21:28	93		96		93		97		98	
LCS 460-148882/2-A	21:32	93		97		95		98		100	
460-51333-9 PDS	21:35	90		95		94		96		99	
460-51333-9 MS	21:39	92		96		95		95		98	
460-51333-9 DU	21:43	93		96		96		98		100	
460-51333-9	21:46	93		97		97		98		102	
460-51333-9 SD	21:50	96		101		102		102		103	
CCV 460-149175/25	22:04	105		113		113		111		112	
CCB 460-149175/26	22:08	102		113		109		111		113	
460-51333-1	22:11	94		102		103		101		106	
460-51333-3	22:15	93		100		99		100		103	
460-51333-4	22:19	95		102		102		102		106	
460-51333-6	22:22	93		102		103		103		106	
460-51333-7	22:26	93		101		100		101		105	
460-51333-10	22:29	93		101		103		102		106	
460-51333-12	22:33	94		103		101		102		108	
460-51333-13	22:37	94		102		100		102		107	
460-51333-15	22:40	93		101		99		102		107	
460-51333-16	22:44	95		103		100		104		110	
CCV 460-149175/37	22:48	103		113		113		112		117	
CCB 460-149175/38	22:51	100		109		105		109		113	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

ICP-MS Instrument ID: ICPMS2 Start Date: 02/28/2013 End Date: 02/28/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ICV 460-149175/6	20:56	102									
ICB 460-149175/7	20:59	99									
CRI 460-149175/8	21:03	104									
ICSA 460-149175/9	21:06	87									
ICSAB 460-149175/10	21:10	85									
CCV 460-149175/13	21:21	102									
CCB 460-149175/14	21:24	100									
MB 460-148882/1-A	21:28	100									
LCS 460-148882/2-A	21:32	101									
460-51333-9 PDS	21:35	98									
460-51333-9 MS	21:39	98									
460-51333-9 DU	21:43	101									
460-51333-9	21:46	103									
460-51333-9 SD	21:50	105									
CCV 460-149175/25	22:04	110									
CCB 460-149175/26	22:08	113									
460-51333-1	22:11	106									
460-51333-3	22:15	105									
460-51333-4	22:19	106									
460-51333-6	22:22	107									
460-51333-7	22:26	106									
460-51333-10	22:29	107									
460-51333-12	22:33	106									
460-51333-13	22:37	108									
460-51333-15	22:40	110									
460-51333-16	22:44	113									
CCV 460-149175/37	22:48	120									
CCB 460-149175/38	22:51	118									

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

ICP-MS Instrument ID: ICPMS2 Start Date: 03/01/2013 End Date: 03/01/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element In	Q	Element Tb	Q
ICV 460-149327/6	03:42	106		110		113		108		105	
ICB 460-149327/7	03:46	104		106		107		104		103	
CRI 460-149327/8	03:49	107		110		114		108		105	
ICSA 460-149327/9	03:53	97		106		101		99		102	
ICSAB 460-149327/10	03:56	96		104		100		98		100	
CCV 460-149327/13	04:07	103		108		109		107		105	
CCB 460-149327/14	04:11	100		103		107		104		102	
460-51333-1	04:15	93		95		100		96		97	
460-51333-3	04:18	93		95		100		97		97	
460-51333-4	04:22	93		97		103		98		98	
460-51333-6	04:25	95		98		102		99		99	
460-51333-7	04:29	97		99		104		100		100	
460-51333-10	04:33	98		102		108		102		102	
460-51333-12	04:36	98		102		107		101		102	
460-51333-13	04:40	97		100		106		100		100	
460-51333-15	04:43	98		102		105		101		101	
460-51333-16	04:47	100		102		105		102		103	
CCV 460-149327/25	04:51	108		114		115		110		108	
CCB 460-149327/26	04:54	106		112		113		111		106	
460-51333-18	04:58	98		104		106		101		101	
460-51333-19	05:02	97		103		109		103		103	
460-51333-21	05:05	97		100		104		101		100	
CCV 460-149327/32	05:16	108		114		117		110		108	
CCB 460-149327/33	05:20	105		110		112		109		106	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

ICP-MS Instrument ID: ICPMS2 Start Date: 03/01/2013 End Date: 03/01/2013

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ICV 460-149327/6	03:42	104									
ICB 460-149327/7	03:46	103									
CRI 460-149327/8	03:49	105									
ICSA 460-149327/9	03:53	89									
ICSAB 460-149327/10	03:56	88									
CCV 460-149327/13	04:07	103									
CCB 460-149327/14	04:11	102									
460-51333-1	04:15	96									
460-51333-3	04:18	98									
460-51333-4	04:22	98									
460-51333-6	04:25	98									
460-51333-7	04:29	98									
460-51333-10	04:33	100									
460-51333-12	04:36	99									
460-51333-13	04:40	99									
460-51333-15	04:43	100									
460-51333-16	04:47	102									
CCV 460-149327/25	04:51	106									
CCB 460-149327/26	04:54	105									
460-51333-18	04:58	101									
460-51333-19	05:02	102									
460-51333-21	05:05	99									
CCV 460-149327/32	05:16	105									
CCB 460-149327/33	05:20	104									

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 28 Feb 2013 08:08:05 pm
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008tune.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

Element	Actual	Required	Flag
9 Be	0.70	5.00	
24 Mg	1.04	5.00	
25 Mg	2.00	5.00	
26 Mg	1.12	5.00	
59 Co	0.72	5.00	
115 In	1.46	5.00	
206 Pb	1.43	5.00	
207 Pb	0.99	5.00	
208 Pb	2.54	5.00	

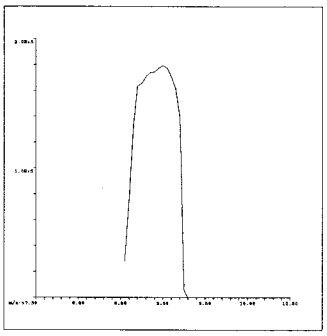
Ion Ratio

Element	Actual	Required	Flag

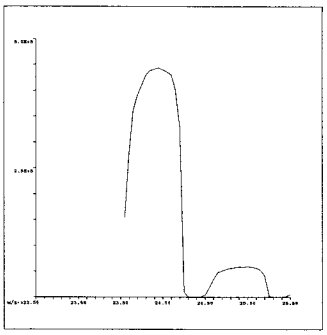
Maximum Bkg. Count(CPS)

Element	Actual	Required	Flag

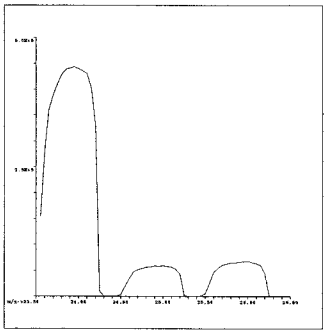
Method
200.8
+ 6020
VD 2-28-13



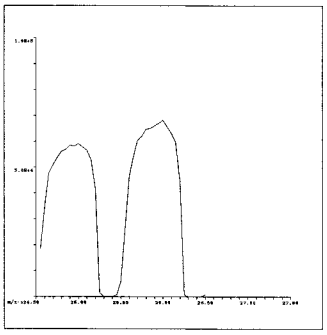
9 Be
Mass Calib.
Actual: 8.95
Required: 8.90-9.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



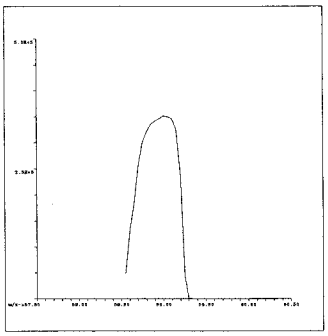
24 Mg
Mass Calib.
Actual: 23.95
Required: 23.90-24.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



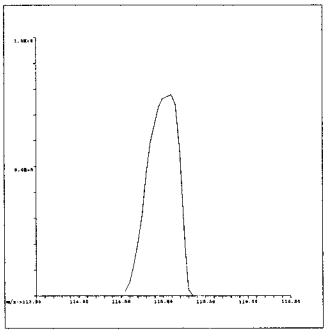
25 Mg
Mass Calib.
Actual: 24.95
Required: 24.90-25.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



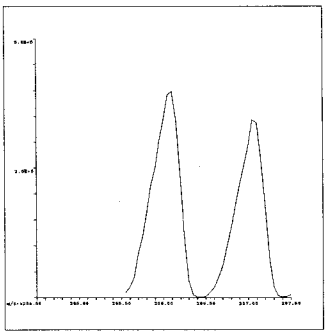
26 Mg
Mass Calib.
Actual: 25.95
Required: 25.90-26.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



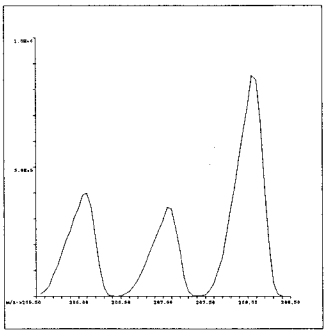
59 Co
Mass Calib.
Actual: 59.00
Required: 58.90-59.10
Flag:
Peak Width
Actual: 0.70
Required: 0.90
Flag:



115 In
Mass Calib.
Actual: 115.05
Required: 114.90-115.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:

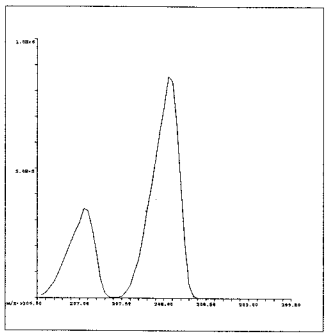


206 Pb
Mass Calib.
Actual: 206.05
Required: 205.90-206.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



207 Pb
Mass Calib.
Actual: 207.05
Required: 206.90-207.10
Flag:
Peak Width
Actual: 0.60
Required: 0.90
Flag:

C:\ICPMH\1\7500\QCTUNE.D



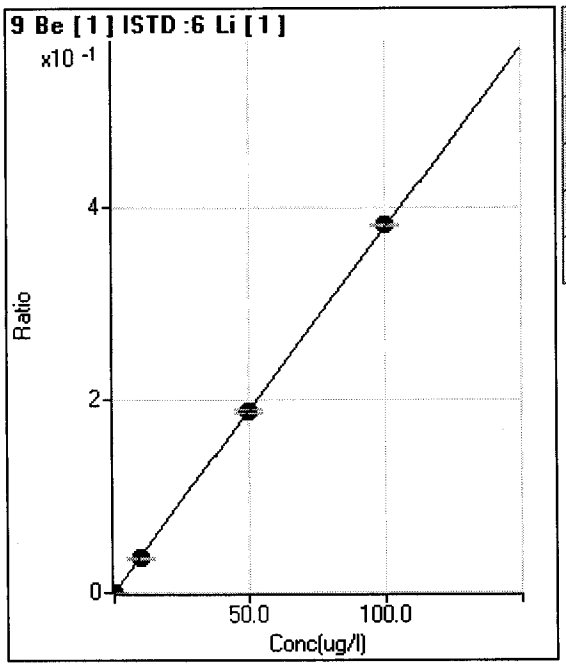
208 Pb
Mass Calib.
Actual: 208.05
Required: 207.90-208.10
Flag:
Peak Width
Actual: 0.60
Required: 0.90
Flag:

QC Tune Result:Pass

Calibration for 006CALS.D

Batch Folder: C:\ICPMH\1\DATA\13B28u00.B\
Analysis File: 13B28u00.batch.xml
DA Date-Time: 2/28/2013 8:53:40 PM
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:
Tune Step: #1 helium.u

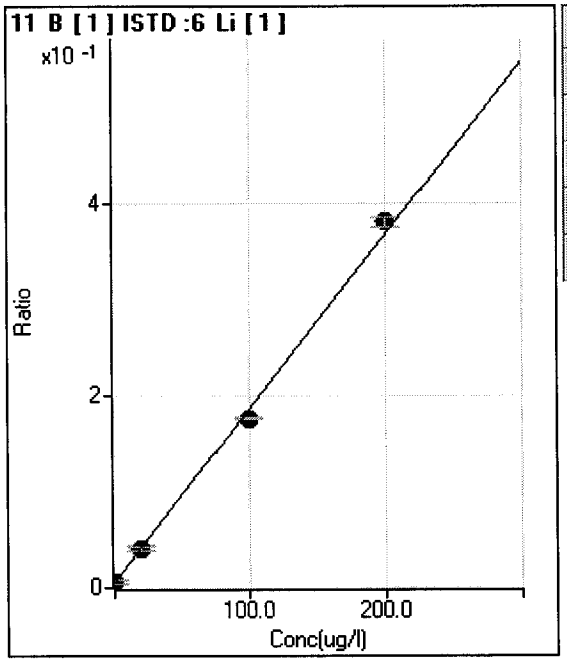
Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.D	Cal Blank	2/28/2013 8:37:55 PM
2	004CALS.D	CAL1 2015300	2/28/2013 8:41:34 PM
3	005CALS.D	CAL2 2015302	2/28/2013 8:45:12 PM
4	006CALS.D	CAL3 2015304	2/28/2013 8:48:52 PM
5	007CALS.D	CAL4 2015306	2/28/2013 8:52:29 PM



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.001	0.56	0.0000	P	173.2
2	☐	0.200	0.192	10.00	0.0008	P	17.3
3	☐	10.000	9.423	465.57	0.0357	P	6.9
4	☐	50.000	49.704	2479.12	0.1881	P	2.5
5	☐	100.000	100.926	4935.82	0.3820	P	0.7

y = 0.0038 * x + 3.9744E-005
R = 1.0000
DL = 0.06031
BEC = 0.0105

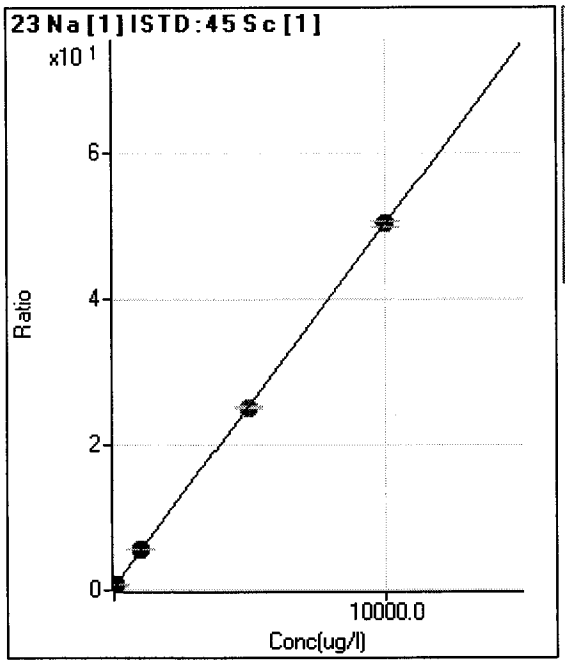
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.317	76.67	0.0061	P	43.4
2	☐	20.000	19.406	528.92	0.0406	P	14.0
3	☐	20.000	18.977	520.03	0.0398	P	12.4
4	☐	100.000	94.545	2323.57	0.1763	P	1.9
5	☐	200.000	207.415	4913.12	0.3802	P	2.7

y = 0.0018 * x + 0.0056
R = 0.9990
DL = 4.416
BEC = 3.073

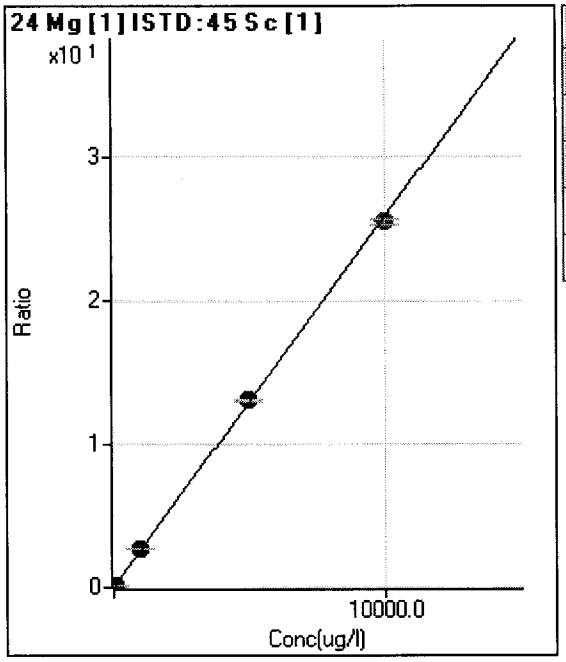
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.212	25787.76	0.4837	P	1.2
2	☐	50.000	49.027	41363.33	0.7339	P	1.4
3	☐	1000.000	1028.897	316375.83	5.6133	P	0.2
4	☐	5000.000	4959.331	1435641.45	25.1855	A	1.8
5	☐	10000.000	10015.069	2869746.21	50.3613	A	1.3

y = 0.0050 * x + 0.4898
R = 1.0000
DL = 3.596
BEC = 98.36

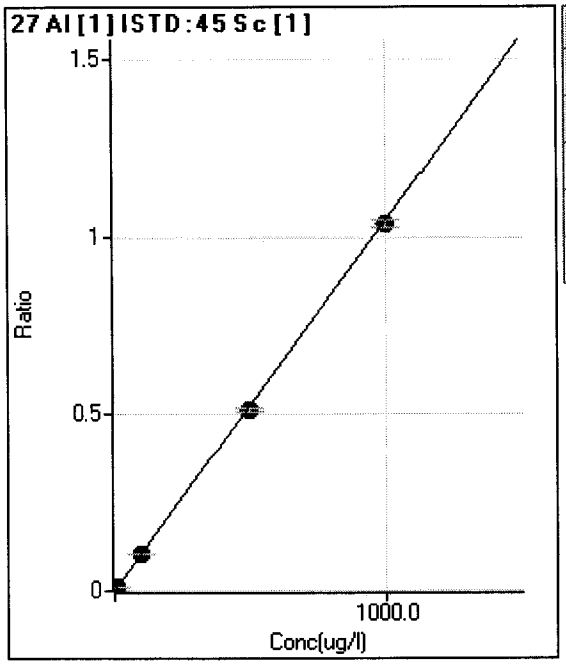
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.020	25.56	0.0005	P	58.6
2	☐	50.000	52.961	7723.20	0.1371	P	3.9
3	☐	1000.000	1052.429	152955.70	2.7138	P	0.6
4	☐	5000.000	5074.780	745813.53	13.0838	P	1.0
5	☐	10000.000	9875.304	1450769.06	25.4599	A	1.3

y = 0.0026 * x + 5.3096E-004
R = 0.9999
DL = 0.3269
BEC = 0.206

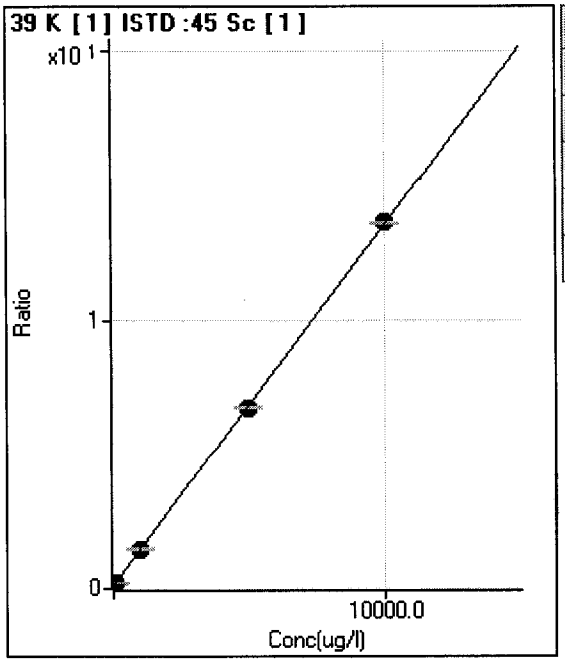
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.225	21.67	0.0004	P	42.5
2	☐	10.000	12.168	751.70	0.0133	P	4.1
3	☐	100.000	100.185	5928.95	0.1052	P	0.6
4	☐	500.000	487.390	29030.09	0.5093	P	1.6
5	☐	1000.000	991.627	59008.92	1.0355	P	2.0

y = 0.0010 * x + 6.4077E-004
R = 1.0000
DL = 0.4959
BEC = 0.614

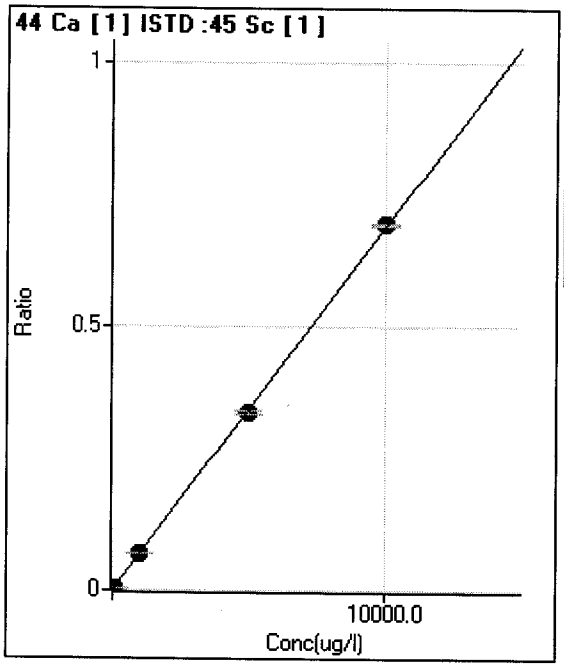
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	1.031	6851.67	0.1285	P	2.8
2	☐	50.000	49.125	10882.91	0.1931	P	0.4
3	☐	1000.000	1003.617	83060.21	1.4738	P	1.4
4	☐	5000.000	4923.043	383800.00	6.7329	P	1.1
5	☐	10000.000	10074.946	777561.96	13.6458	P	0.6

y = 0.0013 * x + 0.1272
R = 0.9999
DL = 8.142
BEC = 94.76

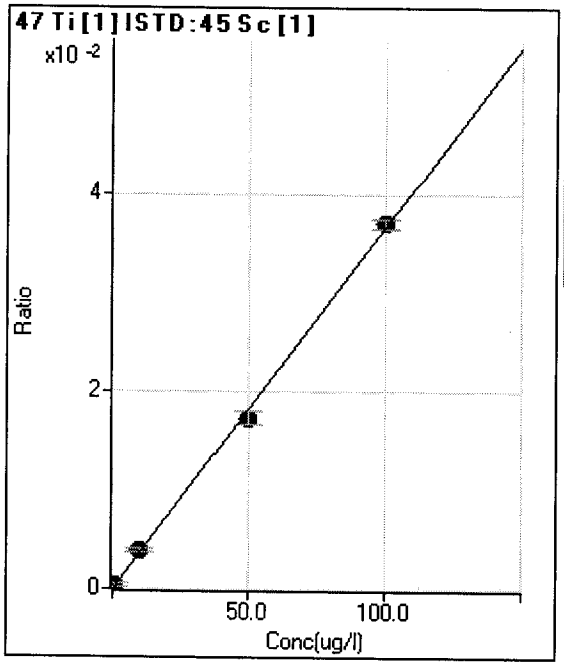
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.147	8.33	0.0002	P	53.2
2	☐	50.000	54.240	219.45	0.0039	P	19.3
3	☐	1000.000	997.144	3874.97	0.0688	P	2.0
4	☐	5000.000	4926.839	19326.31	0.3391	P	2.3
5	☐	10000.000	10073.886	39494.89	0.6931	P	0.3

y = 6.8786E-005 * x + 1.6661E-004
R = 0.9999
DL = 3.634
BEC = 2.422

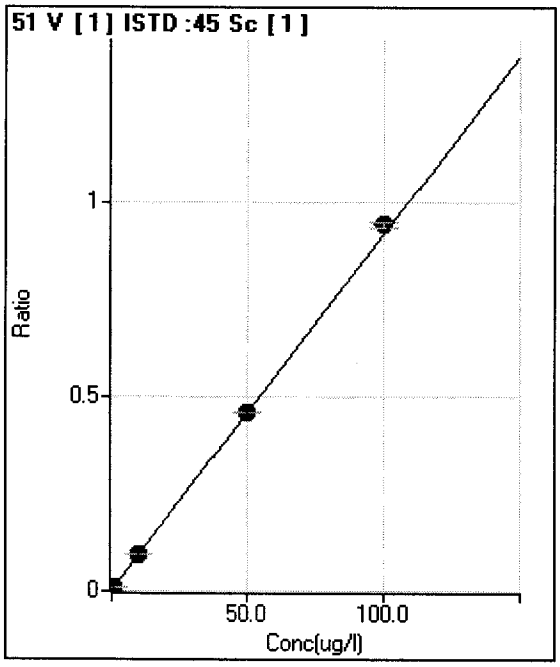
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.187	0.00	0.0000	P	
2	☐	1.000	1.202	21.11	0.0004	P	91.4
3	☐	10.000	11.023	223.34	0.0040	P	12.4
4	☐	50.000	47.386	984.51	0.0173	P	8.1
5	☐	100.000	101.203	2105.77	0.0370	P	2.5

y = 3.6585E-004 * x - 6.8360E-005
R = 0.9994
DL = 0
BEC = -0.1869

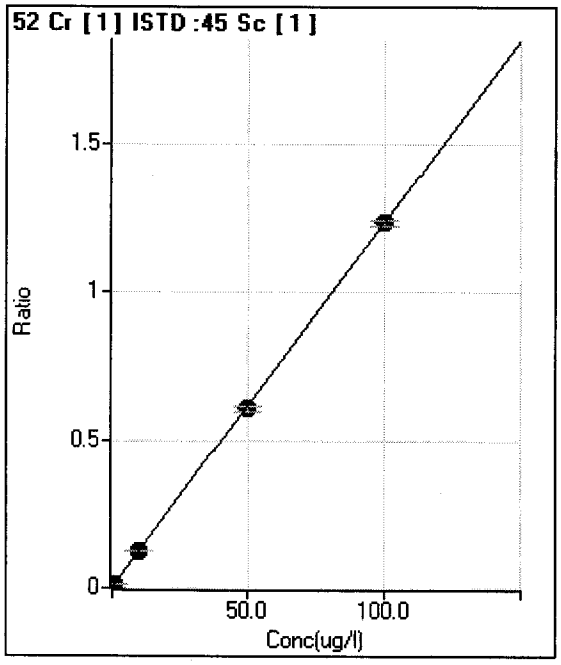
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.002	74.45	0.0014	P	10.8
2	☐	1.000	1.030	612.25	0.0109	P	5.5
3	☐	10.000	10.185	5345.52	0.0948	P	2.6
4	☐	50.000	49.930	26191.16	0.4594	P	0.3
5	☐	100.000	102.844	53837.28	0.9448	P	1.4

y = 0.0092 * x + 0.0014
R = 0.9999
DL = 0.04916
BEC = 0.1543

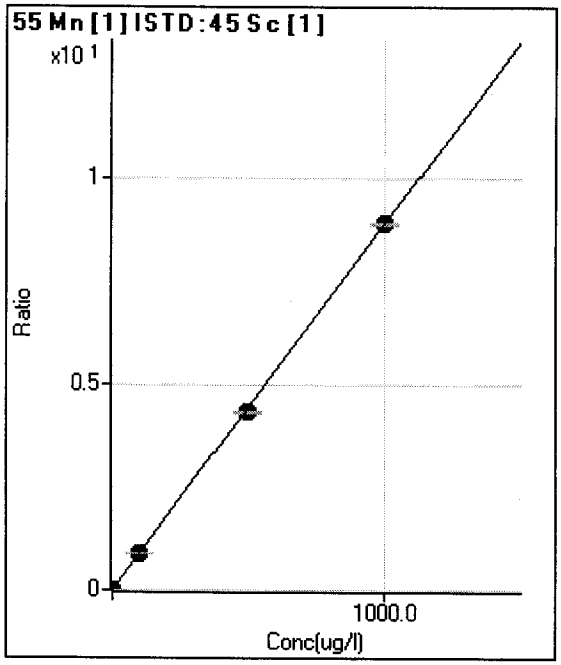
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.001	88.89	0.0017	P	24.4
2	☐	1.000	0.996	785.60	0.0139	P	6.1
3	☐	10.000	10.058	7076.24	0.1256	P	1.7
4	☐	50.000	49.141	34593.90	0.6069	P	2.9
5	☐	100.000	100.032	70296.96	1.2337	P	1.4

y = 0.0123 * x + 0.0017
R = 1.0000
DL = 0.09908
BEC = 0.1362

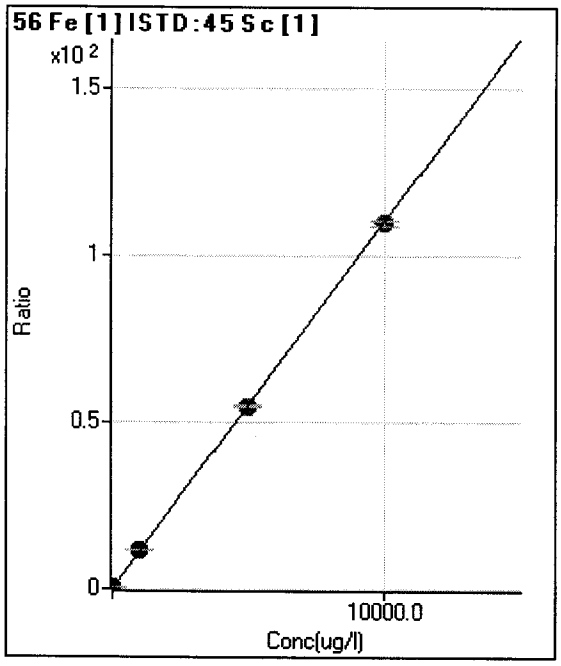
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0004	P	48.1
2	☐	2.000	2.058	1052.29	0.0187	P	15.8
3	☐	100.000	99.642	49972.78	0.8866	P	0.6
4	☐	500.000	488.019	247450.22	4.3409	P	1.2
5	☐	1000.000	1001.321	507512.85	8.9064	P	0.2

y = 0.0089 * x + 3.9429E-004
R = 0.9999
DL = 0.06432
BEC = 0.04433

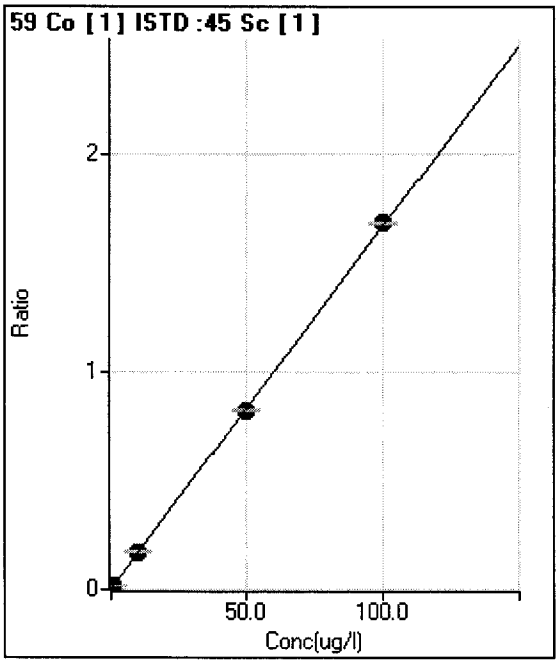
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.170	504.46	0.0095	P	4.5
2	☐	30.000	35.157	22482.81	0.3989	P	2.2
3	☐	1000.000	1069.034	664882.03	11.7971	P	0.4
4	☐	5000.000	4979.893	3130144.75	54.9129	A	1.2
5	☐	10000.000	9951.624	6252158.73	109.7244	A	1.4

y = 0.0110 * x + 0.0113
R = 1.0000
DL = 0.1153
BEC = 1.029

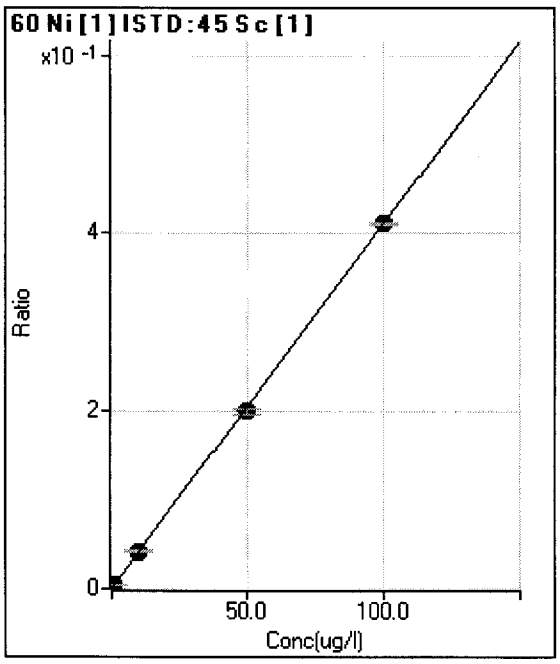
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.003	18.89	0.0004	P	66.5
2	☐	1.000	1.020	981.18	0.0174	P	3.9
3	☐	10.000	10.369	9763.34	0.1733	P	3.1
4	☐	50.000	49.501	47065.33	0.8256	P	0.7
5	☐	100.000	101.025	95990.76	1.6846	P	0.8

y = 0.0167 * x + 3.9647E-004
R = 0.9999
DL = 0.04236
BEC = 0.02378

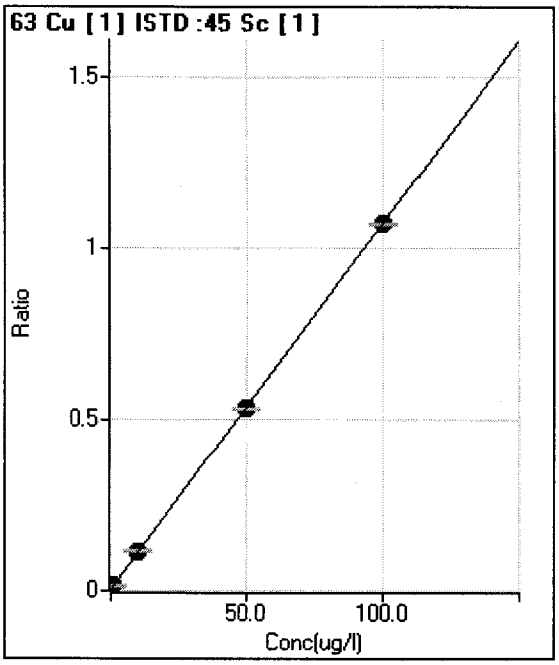
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0002	P	21.9
2	☐	1.000	1.134	272.24	0.0048	P	18.1
3	☐	10.000	10.200	2369.15	0.0420	P	4.3
4	☐	50.000	48.588	11377.76	0.1996	P	2.7
5	☐	100.000	100.135	23427.94	0.4111	P	0.7

y = 0.0041 * x + 1.6793E-004
R = 0.9999
DL = 0.02665
BEC = 0.04092

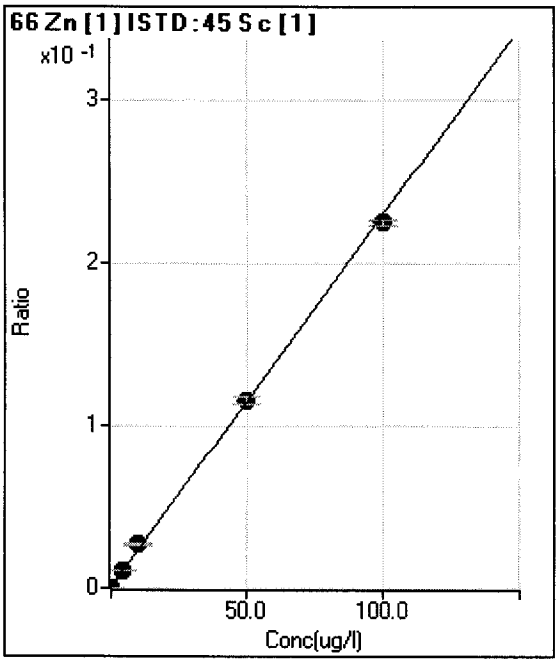
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.024	174.45	0.0033	P	22.9
2	☐	1.000	1.053	833.39	0.0148	P	10.9
3	☐	10.000	10.527	6544.89	0.1161	P	2.6
4	☐	50.000	49.563	30425.63	0.5337	P	1.0
5	☐	100.000	99.914	61101.21	1.0723	P	0.8

y = 0.0107 * x + 0.0035
R = 1.0000
DL = 0.2107
BEC = 0.3298

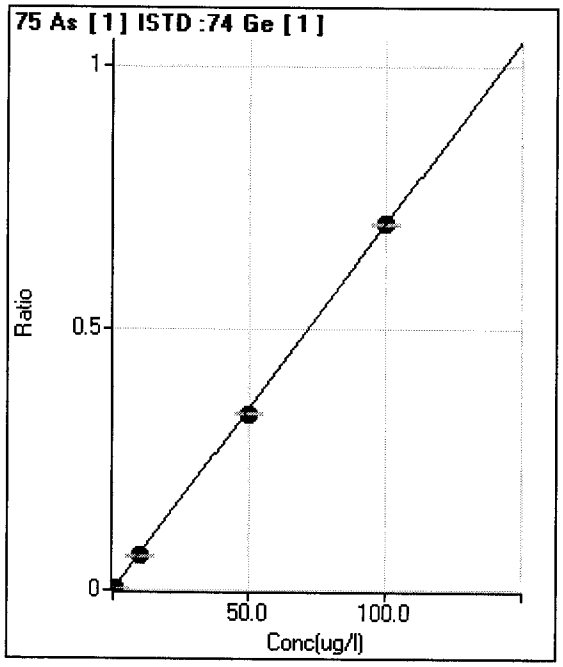
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.024	12.22	0.0002	P	15.2
2	☐	4.000	4.558	604.48	0.0107	P	3.5
3	☐	10.000	11.597	1513.46	0.0269	P	1.9
4	☐	50.000	50.290	6584.91	0.1155	P	3.5
5	☐	100.000	97.915	12798.93	0.2246	P	1.2

y = 0.0023 * x + 2.8403E-004
R = 0.9998
DL = 0.04557
BEC = 0.124

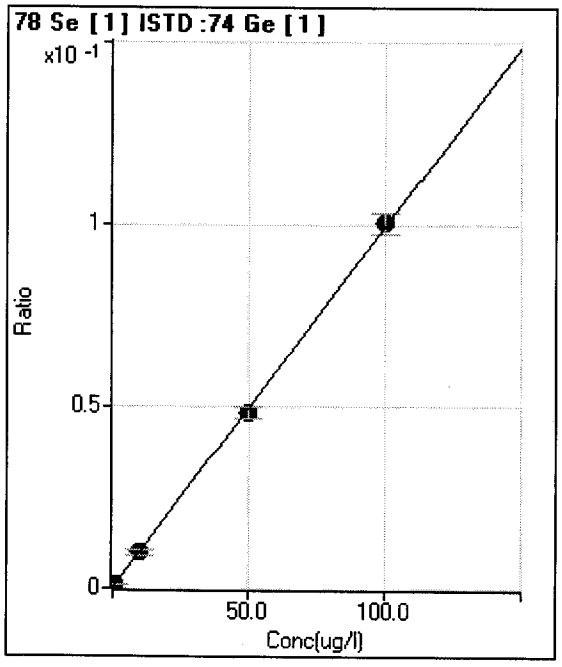
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.024	1.67	0.0002	P	100.5
2	☐	0.500	0.530	30.00	0.0041	P	6.4
3	☐	10.000	9.350	484.46	0.0657	P	7.0
4	☐	50.000	48.444	2474.13	0.3387	P	1.9
5	☐	100.000	100.107	5045.34	0.6995	P	0.3

y = 0.0070 * x + 4.1211E-004
R = 0.9999
DL = 0.1059
BEC = 0.05901

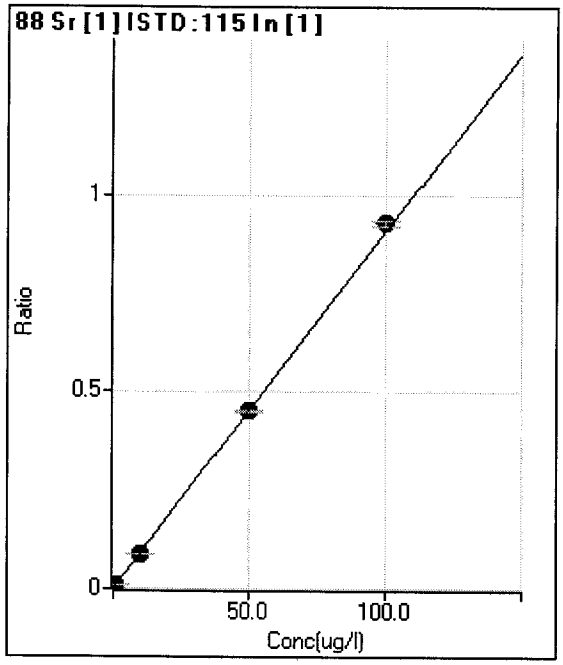
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.046	0.83	0.0001	P	99.8
2	☐	0.500	0.947	8.06	0.0011	P	21.0
3	☐	10.000	9.942	73.89	0.0100	P	16.3
4	☐	50.000	48.796	354.17	0.0485	P	6.3
5	☐	100.000	101.100	723.63	0.1004	P	5.8

y = 9.9097E-004 * x + 1.6619E-004
R = 0.9998
DL = 0.3635
BEC = 0.1677

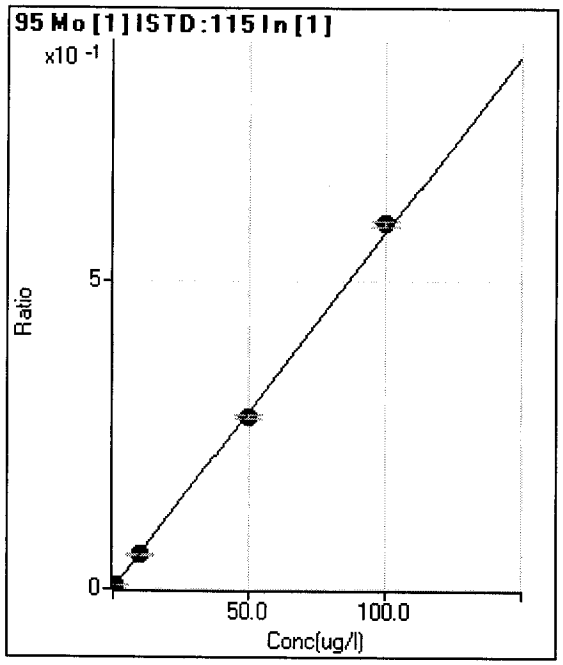
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0001	P	99.7
2	☐	1.000	1.027	528.92	0.0094	P	8.4
3	☐	10.000	9.818	4974.28	0.0891	P	1.7
4	☐	50.000	49.870	24991.87	0.4524	P	1.4
5	☐	100.000	102.461	51068.20	0.9293	P	1.7

y = 0.0091 * x + 5.9866E-005
R = 0.9999
DL = 0.02011
BEC = 0.006601

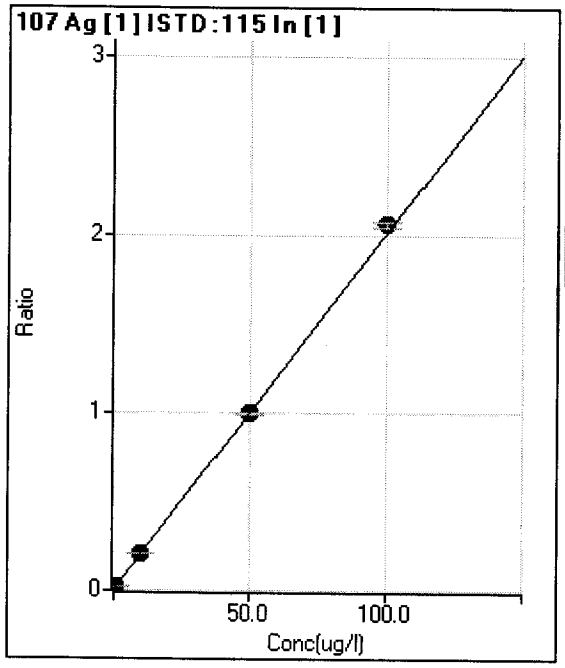
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.002	3.33	0.0001	P	99.7
2	☐	1.000	0.915	301.12	0.0053	P	9.5
3	☐	10.000	9.668	3121.52	0.0559	P	3.2
4	☐	50.000	48.497	15486.00	0.2803	P	2.5
5	☐	100.000	102.884	32673.18	0.5945	P	1.7

y = 0.0058 * x + 5.1717E-005
R = 0.9996
DL = 0.03157
BEC = 0.008951

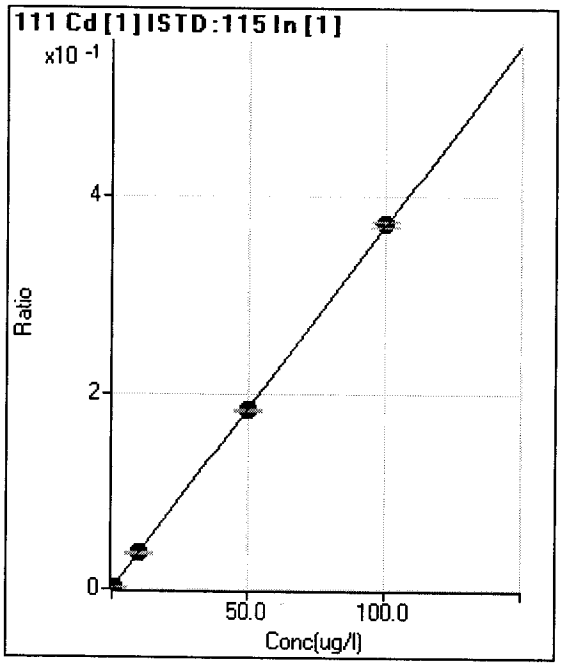
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.001	22.22	0.0004	P	33.4
2	☐	1.000	1.105	1275.65	0.0226	P	6.2
3	☐	10.000	10.409	11689.28	0.2094	P	1.6
4	☐	50.000	49.768	55219.56	0.9995	P	0.4
5	☐	**100.000**	**102.507**	113091.81	2.0581	P	1.4

y = 0.0201 * x + 4.3862E-004
R = 0.9999
DL = 0.02045
BEC = 0.02185

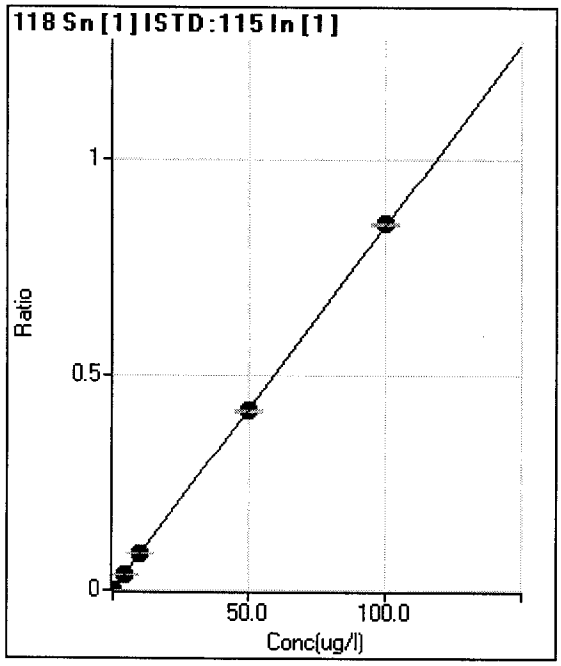
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.002	2.22	0.0000	P	86.6
2	☐	0.500	0.428	91.11	0.0016	P	27.7
3	☐	10.000	9.893	2042.43	0.0366	P	4.3
4	☐	50.000	49.443	10095.88	0.1827	P	0.5
5	☐	100.000	100.760	20461.09	0.3724	P	1.9

y = 0.0037 * x + 3.3387E-005
R = 1.0000
DL = 0.02859
BEC = 0.009035

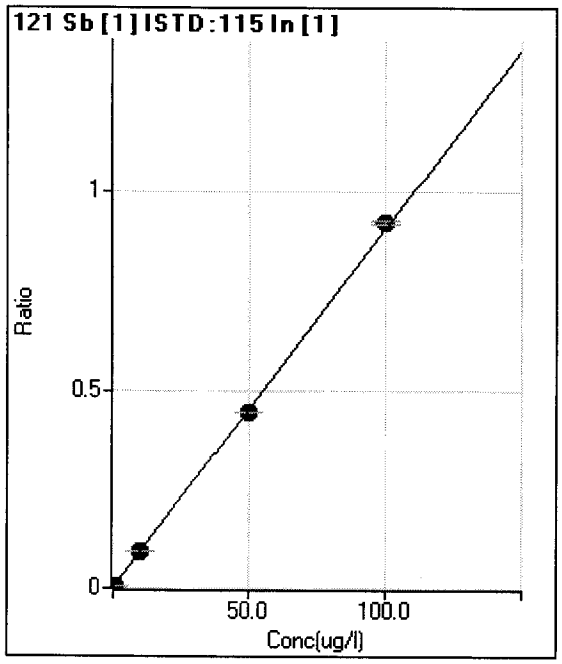
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.004	48.89	0.0009	P	9.7
2	☐	4.000	3.947	1929.08	0.0342	P	0.9
3	☐	10.000	9.904	4718.67	0.0845	P	1.5
4	☐	50.000	49.371	23085.94	0.4179	P	0.9
5	☐	100.000	100.693	46783.14	0.8513	P	0.4

y = 0.0084 * x + 8.6815E-004
R = 1.0000
DL = 0.03109
BEC = 0.1028

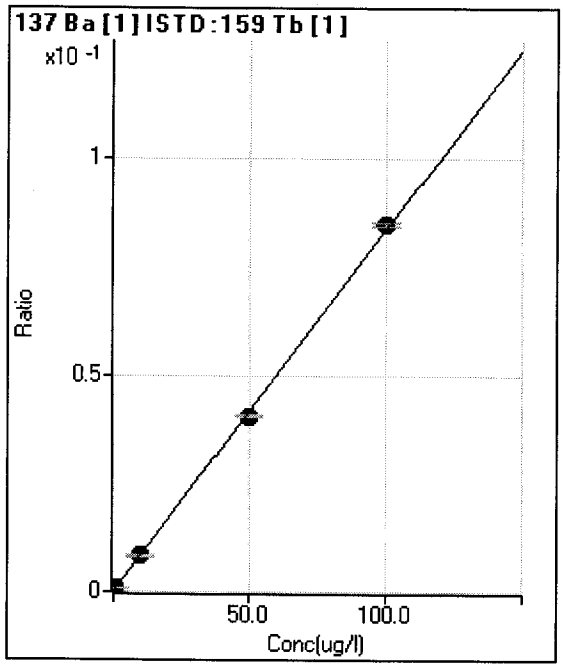
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.024	50.00	0.0009	P	24.2
2	☐	0.500	0.422	280.01	0.0050	P	18.8
3	☐	10.000	10.053	5142.16	0.0921	P	0.3
4	☐	50.000	49.170	24644.23	0.4461	P	0.5
5	☐	100.000	101.765	50669.43	0.9220	P	1.0

y = 0.0090 * x + 0.0011
R = 0.9999
DL = 0.07426
BEC = 0.1264

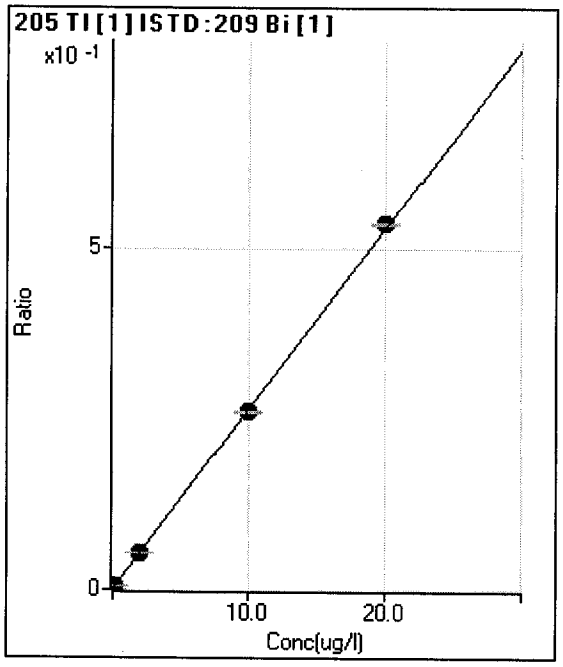
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	1.017	194.45	0.0009	P	15.6
3	☐	10.000	9.957	1842.40	0.0083	P	1.3
4	☐	50.000	48.530	9003.04	0.0405	P	1.5
5	☐	100.000	101.417	19046.09	0.0846	P	0.9

y = 8.3416E-004 * x + 9.9199E-006
R = 0.9998
DL = 0.03181
BEC = 0.01189

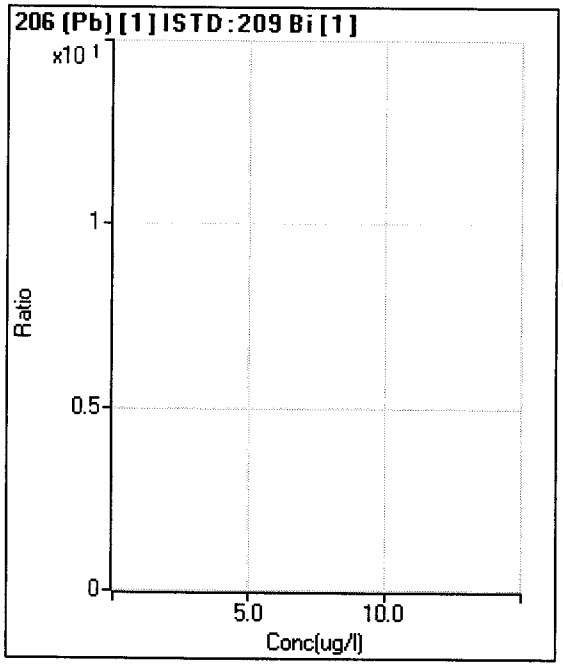
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.56	0.0008	P	5.2
2	☐	0.200	0.205	1154.53	0.0062	P	4.0
3	☐	2.000	1.979	9590.25	0.0529	P	0.6
4	☐	10.000	9.838	46097.25	0.2599	P	1.0
5	☐	20.000	20.302	95487.57	0.5356	P	0.6

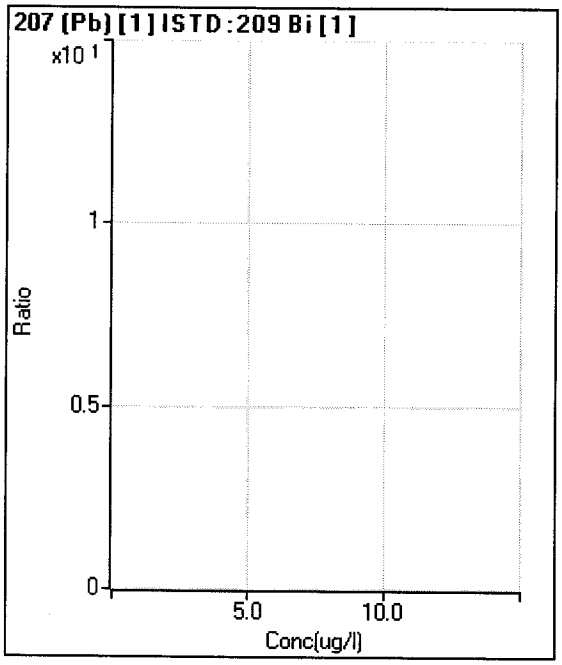
y = 0.0263 * x + 8.0132E-004
R = 0.9999
DL = 0.004745
BEC = 0.03042

Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			37.78	0.0002	P	57.1
2	☐			534.48	0.0029	P	6.1
3	☐			15232.07	0.0841	P	1.2
4	☐			74033.44	0.4174	P	0.9
5	☐			150750.87	0.8455	P	0.5

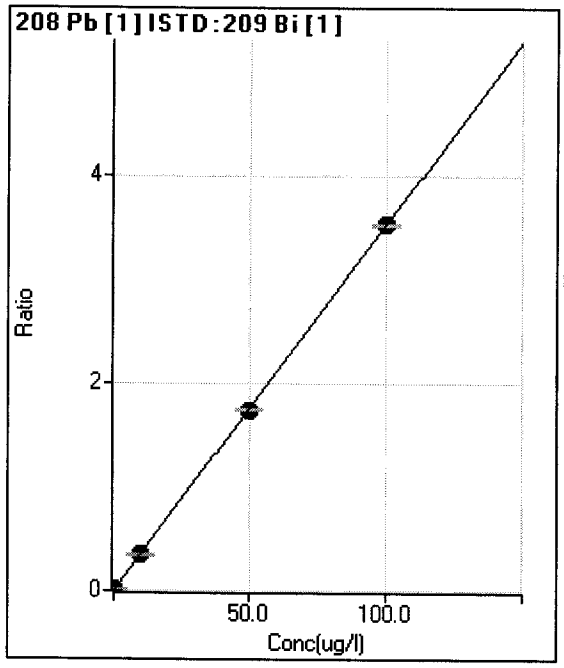
Excluded



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			30.00	0.0002	P	34.0
2	☐			495.58	0.0027	P	7.7
3	☐			14126.45	0.0780	P	2.5
4	☐			68597.71	0.3868	P	0.9
5	☐			141134.92	0.7916	P	0.7

Excluded

Calibration for 006CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.003	127.79	0.0007	P	28.6
2	☐	0.300	0.311	2185.70	0.0118	P	3.2
3	☐	10.000	9.827	62788.99	0.3465	P	1.4
4	☐	50.000	49.464	308771.37	1.7410	P	0.8
5	☐	100.000	100.078	627896.66	3.5216	P	0.2

y = 0.0352 * x + 8.0999E-004

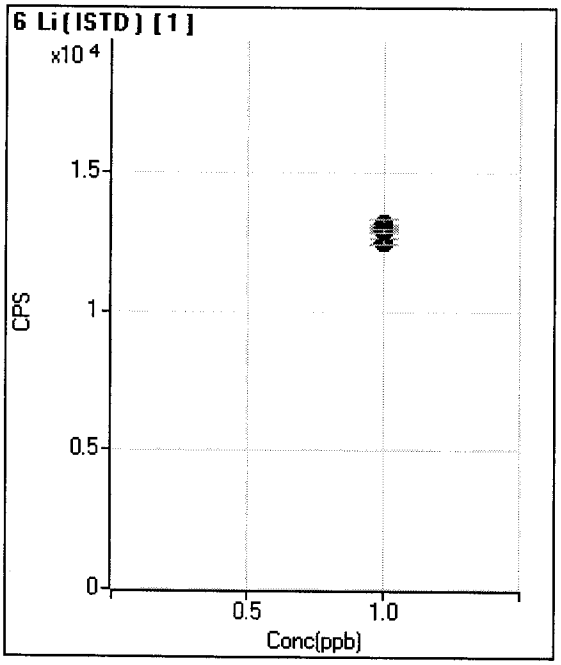
R = 1.0000

DL = 0.01732

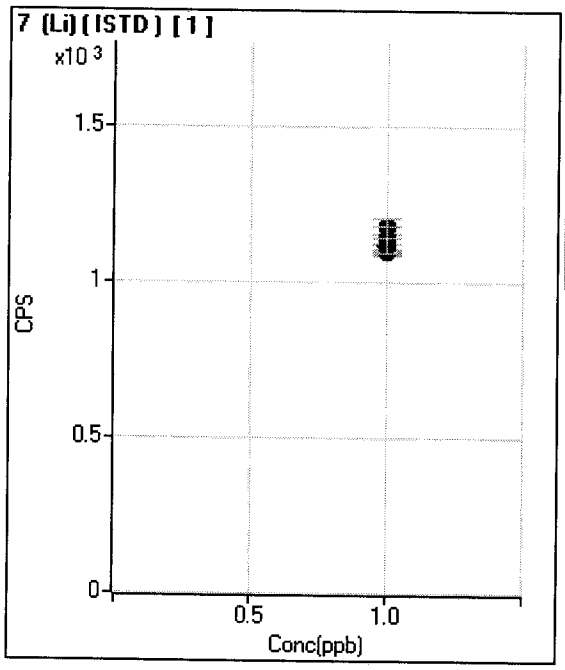
BEC = 0.02302

Weight: 1/SD^2

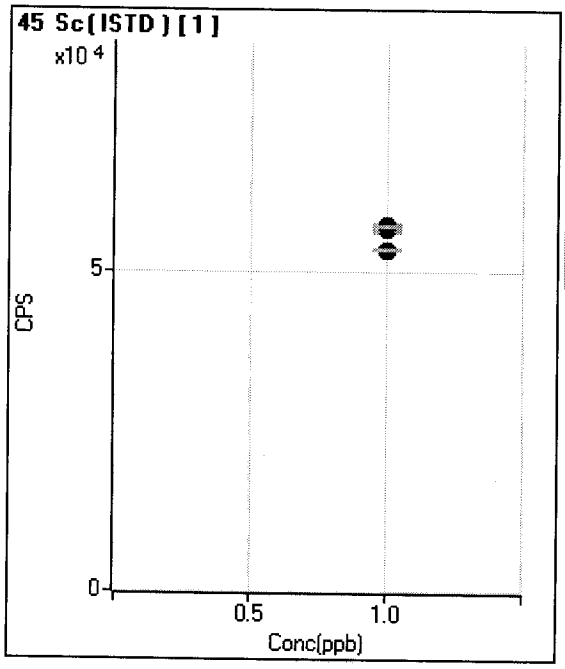
Min Conc: <None>



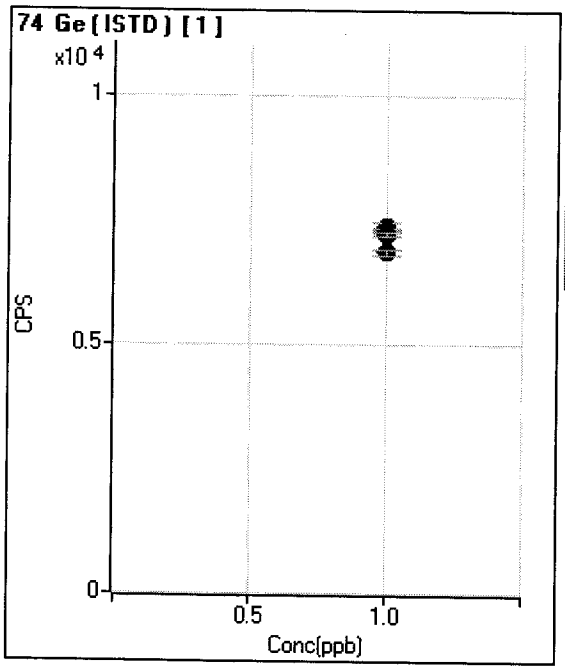
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12533.91		P	1.4
2	☐	1.000		13026.51		P	1.1
3	☐	1.000		13044.93		P	1.1
4	☐	1.000		13181.62		P	2.4
5	☐	1.000		12921.21		P	0.8



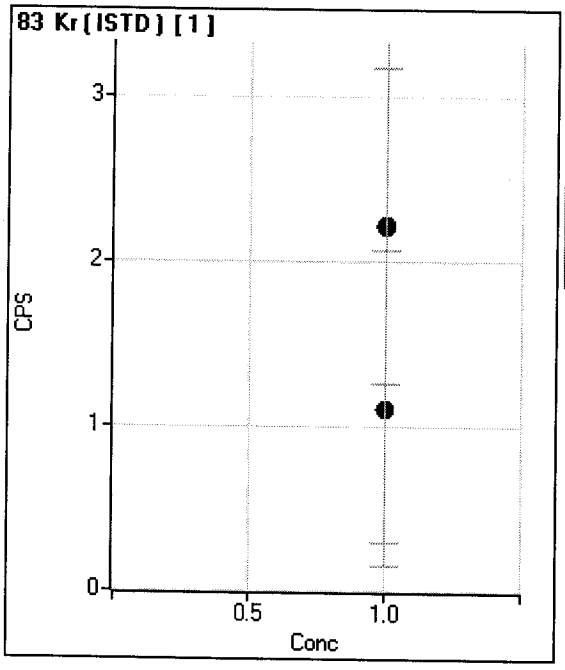
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1106.72		P	3.6
2	☐	1.000		1180.62		P	4.3
3	☐	1.000		1103.39		P	0.3
4	☐	1.000		1146.17		P	6.3
5	☐	1.000		1120.62		P	4.1



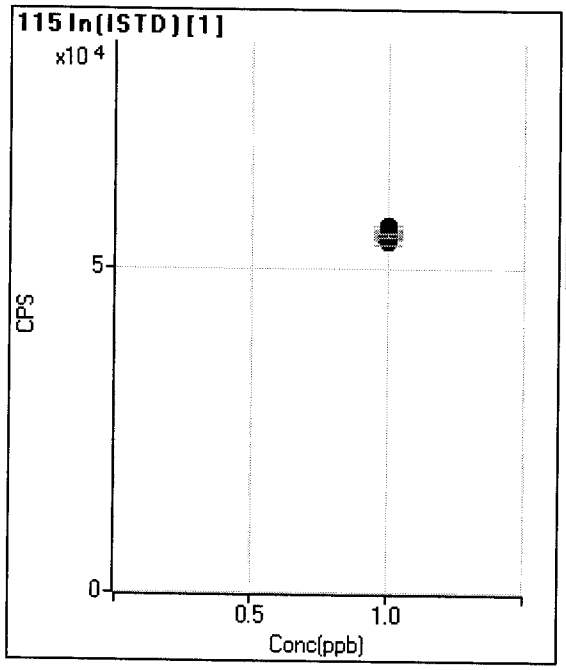
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		53311.44		P	0.6
2	☐	1.000		**56366.80**		P	1.6
3	☐	1.000		56361.15		P	0.7
4	☐	1.000		57006.28		P	0.9
5	☐	1.000		56982.76		P	0.5



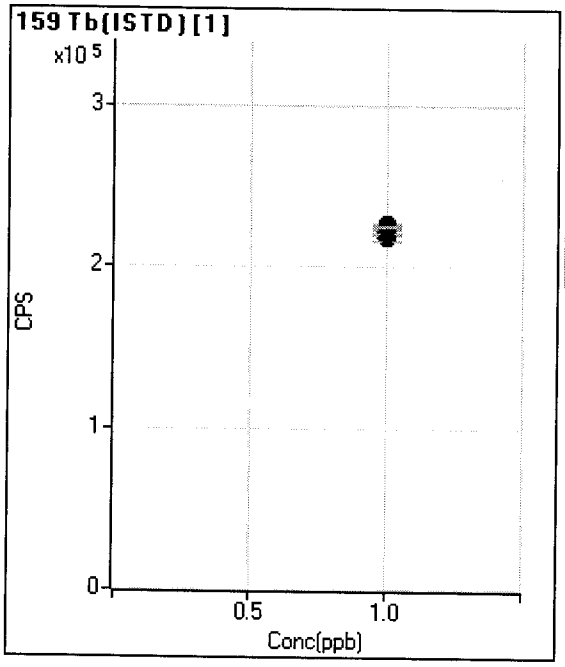
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6859.93		P	1.5
2	☐	1.000		7290.69		P	1.0
3	☐	1.000		7366.30		P	2.1
4	☐	1.000		7303.48		P	1.4
5	☐	1.000		7212.88		P	0.9



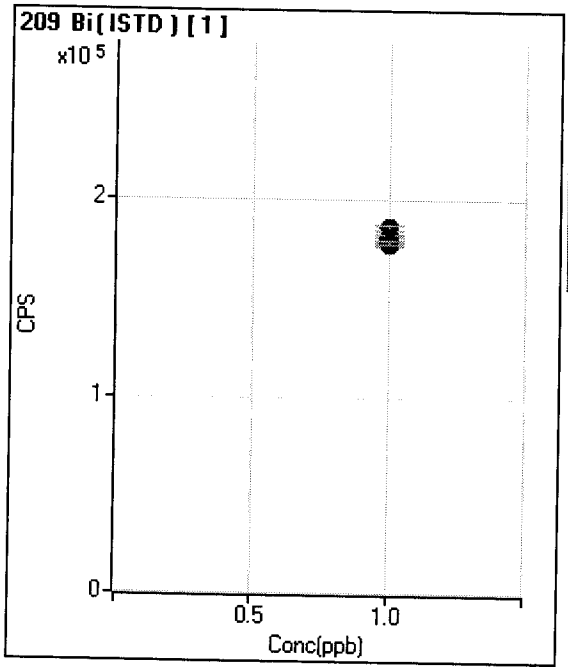
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2.22		P	86.6
2	☐	1.000		2.22		P	173.2
3	☐	1.000		2.22		P	173.2
4	☐	1.000		1.11		P	173.2
5	☐	1.000		1.11		P	173.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		54068.02		P	1.8
2	☐	1.000		56395.88		P	0.1
3	☐	1.000		55827.30		P	0.4
4	☐	1.000		55249.04		P	0.5
5	☐	1.000		54954.42		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		218252.75		P	1.5
2	☐	1.000		226560.13		P	0.4
3	☐	1.000		221556.21		P	1.1
4	☐	1.000		222320.70		P	1.0
5	☐	1.000		225117.38		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		180398.65		P	0.9
2	☐	1.000		185944.94		P	1.6
3	☐	1.000		181220.65		P	1.6
4	☐	1.000		177347.32		P	0.8
5	☐	1.000		178295.01		P	0.7

Calibration Blank Report

Sample Name	**Cal Blank**
Data File Name	**003CALB.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T20:37:55-05:00**
Type	**CalBlk**
VialNumber	**1101**
Dilution	**1**
Comment	
Operator	**DE**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Pb	208	209	1	128	27.90
Tl	205	209	1	146	4.77
Ba	137	159	1	2	86.60
Sb	121	115	1	50	23.09
Sn	118	115	1	49	7.88
Cd	111	115	1	2	86.60
Ag	107	115	1	22	34.66
Mo	95	115	1	3	100.05
Sr	88	115	1	3	100.05
As	75	74	1	2	99.90
Zn	66	45	1	12	15.73
Cu	63	45	1	174	22.31
Ni	60	45	1	9	21.63
Co	59	45	1	19	66.81
Fe	56	45	1	504	3.87
Mn	55	45	1	21	48.24
Cr	52	45	1	89	24.40
V	51	45	1	74	11.27
Ti	47	45	1	0	#DIV/0!
Ca	44	45	1	8	52.95
K	39	45	1	6852	2.38
Al	27	45	1	22	42.84
Mg	24	45	1	26	58.81
Na	23	45	1	25788	0.74
B	11	6	1	77	43.48
Be	9	6	1	1	173.21

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD
Bi	209	1	180399	0.92
Tb	159	1	218253	1.49
In	115	1	54068	1.76
Kr	83	1	2	86.60
Ge	74	1	6860	1.47
Sc	45	1	53311	0.61
Li	6	1	12534	1.42

Calibration Standard Report

Sample Name	**CAL1 2015300**
Data File Name	**004CALS.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T20:41:34-05:00**
Type	**CalStd**
VialNumber	**1102**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	10	16.70
B	11	6	1	529	14.01
Na	23	45	1	41363	0.82
Mg	24	45	1	7723	2.40
Al	27	45	1	752	3.35
K	39	45	1	10883	1.91
Ca	44	45	1	219	18.67
Ti	47	45	1	21	92.51
V	51	45	1	612	4.12
Cr	52	45	1	786	5.31
Mn	55	45	1	1052	14.27
Fe	56	45	1	22483	1.31
Co	59	45	1	981	4.95
Ni	60	45	1	272	19.53
Cu	63	45	1	833	10.28
Zn	66	45	1	604	2.83
As	75	74	1	30	5.57
Se	78	74	1	8	21.51
Sr	88	115	1	529	8.51
Mo	95	115	1	301	9.42
Ag	107	115	1	1276	6.06
Cd	111	115	1	91	27.70
Sn	118	115	1	1929	1.04
Sb	121	115	1	280	18.71
Ba	137	159	1	194	15.56
Tl	205	209	1	1155	2.46
(Pb)	206	209	1	534	7.54
(Pb)	207	209	1	496	8.02
Pb	208	209	1	2186	4.36

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	13027	1.10	12534	103.9	60	120	
Sc	45	1	56367	1.56	53311	105.7	60	120	
Ge	74	1	7291	1.00	6860	106.3	60	120	
Kr	83	1	2	173.21	2	100.2	-1000	1000	
In	115	1	56396	0.12	54068	104.3	60	120	
Tb	159	1	226560	0.45	218253	103.8	60	120	
Bi	209	1	185945	1.59	180399	103.1	60	120	

TuneStep	TuneFile
1	helium.u

Calibration Standard Report

Sample Name	**CAL2 2015302**
Data File Name	**005CALS.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T20:45:12-05:00**
Type	**CalStd**
VialNumber	**1103**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	466	6.41
B	11	6	1	520	13.57
Na	23	45	1	316376	0.91
Mg	24	45	1	152956	1.27
Al	27	45	1	5929	0.99
K	39	45	1	83060	0.72
Ca	44	45	1	3875	1.69
Ti	47	45	1	223	11.94
V	51	45	1	5346	2.42
Cr	52	45	1	7076	1.28
Mn	55	45	1	49973	1.24
Fe	56	45	1	664882	0.30
Co	59	45	1	9763	2.39
Ni	60	45	1	2369	4.60
Cu	63	45	1	6545	2.31
Zn	66	45	1	1513	1.38
As	75	74	1	484	9.12
Se	78	74	1	74	17.48
Sr	88	115	1	4974	1.27
Mo	95	115	1	3122	2.93
Ag	107	115	1	11689	1.21
Cd	111	115	1	2042	3.91
Sn	118	115	1	4719	1.95
Sb	121	115	1	5142	0.42
Ba	137	159	1	1842	2.08
Tl	205	209	1	9590	1.92
(Pb)	206	209	1	15232	0.41
(Pb)	207	209	1	14126	1.08
Pb	208	209	1	62789	0.62

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	13045	1.10	12534	104.1	60	120	
Sc	45	1	56361	0.72	53311	105.7	60	120	
Ge	74	1	7366	2.09	6860	107.4	60	120	
Kr	83	1	2	173.21	2	100.2	-1000	1000	
In	115	1	55827	0.44	54068	103.3	60	120	
Tb	159	1	221556	1.12	218253	101.5	60	120	
Bi	209	1	181221	1.57	180399	100.5	60	120	

TuneStep	TuneFile
1	helium.u

Calibration Standard Report

Sample Name	**CAL3 2015304**
Data File Name	**006CALS.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T20:48:52-05:00**
Type	**CalStd**
VialNumber	**1104**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	2479	1.16
B	11	6	1	2324	0.75
Na	23	45	1	1435641	1.49
Mg	24	45	1	745814	0.29
Al	27	45	1	29030	0.83
K	39	45	1	383800	0.71
Ca	44	45	1	19326	1.49
Ti	47	45	1	985	8.47
V	51	45	1	26191	1.05
Cr	52	45	1	34594	2.42
Mn	55	45	1	247450	0.93
Fe	56	45	1	3130145	0.33
Co	59	45	1	47065	0.91
Ni	60	45	1	11378	2.96
Cu	63	45	1	30426	1.76
Zn	66	45	1	6585	3.79
As	75	74	1	2474	3.20
Se	78	74	1	354	4.89
Sr	88	115	1	24992	1.24
Mo	95	115	1	15486	3.01
Ag	107	115	1	55220	0.57
Cd	111	115	1	10096	0.71
Sn	118	115	1	23086	0.74
Sb	121	115	1	24644	0.71
Ba	137	159	1	9003	2.42
Tl	205	209	1	46097	0.53
(Pb)	206	209	1	74033	1.67
(Pb)	207	209	1	68598	1.73
Pb	208	209	1	308771	1.39

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	13182	2.44	12534	105.2	60	120	
Sc	45	1	57006	0.91	53311	106.9	60	120	
Ge	74	1	7303	1.42	6860	106.5	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
In	115	1	55249	0.54	54068	102.2	60	120	
Tb	159	1	222321	1.02	218253	101.9	60	120	
Bi	209	1	177347	0.81	180399	98.3	60	120	

TuneStep	TuneFile
1	helium.u

Calibration Standard Report

Sample Name	**CAL4 2015306**
Data File Name	**007CALS.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T20:52:29-05:00**
Type	**CalStd**
VialNumber	**1105**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	4936	1.13
B	11	6	1	4913	3.26
Na	23	45	1	2869746	1.51
Mg	24	45	1	1450769	1.32
Al	27	45	1	59009	2.34
K	39	45	1	777562	0.16
Ca	44	45	1	39495	0.36
Ti	47	45	1	2106	2.16
V	51	45	1	53837	1.02
Cr	52	45	1	70297	0.97
Mn	55	45	1	507513	0.73
Fe	56	45	1	6252159	1.10
Co	59	45	1	95991	0.26
Ni	60	45	1	23428	0.85
Cu	63	45	1	61101	0.57
Zn	66	45	1	12799	0.75
As	75	74	1	5045	1.13
Se	78	74	1	724	5.07
Sr	88	115	1	51068	1.65
Mo	95	115	1	32673	2.28
Ag	107	115	1	113092	0.37
Cd	111	115	1	20461	1.57
Sn	118	115	1	46783	1.09
Sb	121	115	1	50669	2.04
Ba	137	159	1	19046	0.29
Tl	205	209	1	95488	0.55
(Pb)	206	209	1	150751	0.67
(Pb)	207	209	1	141135	1.40
Pb	208	209	1	627897	0.89

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	12921	0.81	12534	103.1	60	120	
Sc	45	1	56983	0.54	53311	106.9	60	120	
Ge	74	1	7213	0.88	6860	105.1	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
In	115	1	54954	1.18	54068	101.6	60	120	
Tb	159	1	225117	0.70	218253	103.1	60	120	
Bi	209	1	178295	0.71	180399	98.8	60	120	

TuneStep	TuneFile
1	helium.u

Initial Calibration Verification (ICV) - US EPA Method 6020

Sample Name	**ICV 2007499**
Data File Name	**008_ICV.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T20:56:03-05:00**
Type	**6-ICV**
VialNumber	**1201**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	Units	ExpectedValue	%Recovery	%QC Low	%QC High	QC Flag
Pb	208	209	1	39.30	ug/l	40	98.2	90	110	
Tl	205	209	1	7.84	ug/l	8	98.0	90	110	
Ba	137	159	1	39.23	ug/l	40	98.1	90	110	
Sb	121	115	1	37.91	ug/l	40	94.8	90	110	
Sn	118	115	1	39.12	ug/l	40	97.8	90	110	
Cd	111	115	1	38.11	ug/l	40	95.3	90	110	
Ag	107	115	1	39.96	ug/l	40	99.9	90	110	
Mo	95	115	1	38.48	ug/l	40	96.2	90	110	
Sr	88	115	1	37.68	ug/l	40	94.2	90	110	
Se	78	74	1	38.28	ug/l	40	95.7	90	110	
As	75	74	1	37.13	ug/l	40	92.8	90	110	
Zn	66	45	1	39.05	ug/l	40	97.6	90	110	
Cu	63	45	1	40.07	ug/l	40	100.2	90	110	
Ni	60	45	1	39.28	ug/l	40	98.2	90	110	
Co	59	45	1	39.35	ug/l	40	98.4	90	110	
Fe	56	45	1	4028.14	ug/l	4000	100.7	90	110	
Mn	55	45	1	391.03	ug/l	400	97.8	90	110	
Cr	52	45	1	39.50	ug/l	40	98.7	90	110	
V	51	45	1	39.57	ug/l	40	98.9	90	110	
Ti	47	45	1	41.93	ug/l	40	104.8	90	110	
Ca	44	45	1	3952.81	ug/l	4000	98.8	90	110	
K	39	45	1	3907.96	ug/l	4000	97.7	90	110	
Al	27	45	1	387.82	ug/l	400	97.0	90	110	
Mg	24	45	1	4012.85	ug/l	4000	100.3	90	110	
Na	23	45	1	3911.32	ug/l	4000	97.8	90	110	
B	11	6	1	83.01	ug/l	80	103.8	90	110	
Be	9	6	1	39.32	ug/l	40	98.3	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	183323	0.62	180399	101.6	60	120	
Tb	159	1	224997	0.28	218253	103.1	60	120	
In	115	1	56180	0.63	54068	103.9	60	120	
Kr	83	1	2	173.21	2	100.2	-1000	1000	
Ge	74	1	7394	0.92	6860	107.8	60	120	
Sc	45	1	57346	0.62	53311	107.6	60	120	
Li	6	1	12878	1.83	12534	102.7	60	120	

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**ICB**
Data File Name	**0096CCB.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T20:59:40-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.02	142.95	ug/l	1.67	99.90	0.2	
B	11	6	1	3.26	34.71	ug/l	144.45	15.37	20	
Na	23	45	1	-3.97	-21.02	ug/l	25984.76	1.01	50	
Mg	24	45	1	0.71	64.96	ug/l	130.01	50.05	50	
Al	27	45	1	-0.09	-139.55	ug/l	30.00	25.46	10	
K	39	45	1	3.70	59.35	ug/l	7304.13	1.95	50	
Ca	44	45	1	1.23	125.84	ug/l	13.89	42.16	50	
Ti	47	45	1	0.24	39.42	ug/l	1.11	173.21	1	
V	51	45	1	0.00	-950.53	ug/l	76.67	18.95	1	
Cr	52	45	1	0.01	590.21	ug/l	96.67	24.13	1	
Mn	55	45	1	0.05	48.14	ug/l	46.67	25.75	2	
Fe	56	45	1	0.61	32.48	ug/l	1001.16	11.93	30	
Co	59	45	1	-0.01	-77.70	ug/l	13.33	49.99	1	
Ni	60	45	1	0.01	522.81	ug/l	11.11	86.60	1	
Cu	63	45	1	-0.08	-52.17	ug/l	145.56	17.79	1	
Zn	66	45	1	-0.04	-101.59	ug/l	10.00	57.75	4	
As	75	74	1	0.02	254.92	ug/l	3.89	65.47	0.5	
Se	78	74	1	-0.01	-931.01	ug/l	1.11	43.69	0.5	
Sr	88	115	1	0.01	172.23	ug/l	6.66	86.65	1	
Mo	95	115	1	0.06	0.18	ug/l	23.33	0.00	1	
Ag	107	115	1	-0.01	-51.67	ug/l	14.44	35.26	1	
Cd	111	115	1	0.00	-262.03	ug/l	1.11	173.21	0.5	
Sn	118	115	1	0.13	0.28	ug/l	106.67	0.00	4	
Sb	121	115	1	0.08	28.73	ug/l	101.12	10.60	0.5	
Ba	137	159	1	0.02	128.70	ug/l	6.66	86.65	1	
Tl	205	209	1	0.05	15.56	ug/l	382.24	9.16	0.2	
Pb	208	209	1	0.01	116.91	ug/l	176.67	20.41	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12666	2.72	12534	101.1	60	120	
Sc	45	1	55287	0.29	53311	103.7	60	120	
Ge	74	1	7016	0.87	6860	102.3	60	120	
Kr	83	1	3	100.05	2	150.2	-1000	1000	
In	115	1	55309	0.16	54068	102.3	60	120	
Tb	159	1	219732	0.59	218253	100.7	60	120	
Bi	209	1	179272	0.61	180399	99.4	60	120	

TuneStep	TuneFile
1	helium.u

Quality Control Sample (QCS) - US EPA Method 200.8

Sample Name	**CRI 2015300**
Data File Name	**010QCSR.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:03:19-05:00**
Type	**2-QCS**
VialNumber	**1102**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	Units	ExpectedValue	%Recovery	%QC Low	%QC High	QC Flag
Pb	208	209	1	0.30	ug/l	0.3	99.9	50	150	
Tl	205	209	1	0.22	ug/l	0.2	109.6	50	150	
Ba	137	159	1	0.89	ug/l	1	88.7	50	150	
Sb	121	115	1	0.45	ug/l	0.5	90.9	50	150	
Sn	118	115	1	3.93	ug/l	4	98.2	50	150	
Cd	111	115	1	0.49	ug/l	0.5	97.8	50	150	
Ag	107	115	1	1.04	ug/l	1	103.8	50	150	
Mo	95	115	1	1.01	ug/l	1	100.7	50	150	
Sr	88	115	1	1.03	ug/l	1	103.0	50	150	
Se	78	74	1	0.71	ug/l	0.5	142.0	50	150	
As	75	74	1	0.61	ug/l	0.5	122.4	50	150	
Zn	66	45	1	4.48	ug/l	4	112.0	50	150	
Cu	63	45	1	1.01	ug/l	1	100.9	50	150	
Ni	60	45	1	0.90	ug/l	1	90.2	50	150	
Co	59	45	1	0.96	ug/l	1	95.8	50	150	
Fe	56	45	1	34.83	ug/l	30	116.1	50	150	
Mn	55	45	1	1.93	ug/l	2	96.5	50	150	
Cr	52	45	1	1.06	ug/l	1	106.1	50	150	
V	51	45	1	0.92	ug/l	1	92.3	50	150	
Ti	47	45	1	0.86	ug/l	1	85.6	50	150	
Ca	44	45	1	56.97	ug/l	50	113.9	50	150	
K	39	45	1	54.40	ug/l	50	108.8	50	150	
Al	27	45	1	11.92	ug/l	10	119.2	50	150	
Mg	24	45	1	52.64	ug/l	50	105.3	50	150	
Na	23	45	1	45.24	ug/l	50	90.5	50	150	
B	11	6	1	20.81	ug/l	20	104.0	50	150	
Be	9	6	1	0.23	ug/l	0.2	113.4	50	150	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limiy	Upper Limit	QC Flag
Bi	209	1	186942	0.34	180399	103.6	60	120	
Tb	159	1	228456	0.75	218253	104.7	60	120	
In	115	1	57909	0.34	54068	107.1	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	7337	1.63	6860	107.0	60	120	
Sc	45	1	58590	1.33	53311	109.9	60	120	
Li	6	1	13007	0.72	12534	103.8	60	120	

Sample Report

Sample Name	**ICSA 2015320**
Data File Name	**011SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:06:57-05:00**
Type	**Sample**
VialNumber	**1202**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.20	0.20	ug/l	3600	
Tl	205	209	1	0.02	0.02	ug/l	720	
Ba	137	159	1	0.13	0.13	ug/l	3600	
Sb	121	115	1	0.34	0.34	ug/l	3600	
Sn	118	115	1	0.15	0.15	ug/l	3600	
Cd	111	115	1	0.99	0.99	ug/l	3600	
Ag	107	115	1	0.05	0.05	ug/l	180	
Mo	95	115	1	1059.44	1059.44	ug/l	1800	
Sr	88	115	1	0.58	0.58	ug/l	900	
Se	78	74	1	-0.04	-0.04	ug/l	3600	
As	75	74	1	0.00	0.00	ug/l	3600	
Zn	66	45	1	1.68	1.68	ug/l	900	
Cu	63	45	1	0.31	0.31	ug/l	900	
Ni	60	45	1	0.68	0.68	ug/l	900	
Co	59	45	1	0.01	0.01	ug/l	1800	
Fe	56	45	1	120155.57	120155.57	ug/l	360000	
Mn	55	45	1	0.82	0.82	ug/l	36000	
Cr	52	45	1	1.34	1.34	ug/l	3600	
V	51	45	1	0.23	0.23	ug/l	3600	
Ti	47	45	1	1066.32	1066.32	ug/l	3600	
Ca	44	45	1	156736.88	156736.88	ug/l	360000	
K	39	45	1	49654.31	49654.31	ug/l	360000	
Al	27	45	1	45950.86	45950.86	ug/l	36000	fail
Mg	24	45	1	47386.46	47386.46	ug/l	90000	
Na	23	45	1	122537.07	122537.07	ug/l	90000	fail
B	11	6	1	1.80	1.80	ug/l	7200	
Be	9	6	1	-0.01	-0.01	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	156342	0.78	180399	86.7	60	120	
Tb	159	1	216020	0.45	218253	99.0	60	120	
In	115	1	50447	0.65	54068	93.3	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	6521	0.96	6860	95.1	60	120	
Sc	45	1	54066	0.65	53311	101.4	60	120	
Li	6	1	11367	0.93	12534	90.7	60	120	

Sample Report

Sample Name	**ICSAB 20153418**
Data File Name	**012SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:10:30-05:00**
Type	**Sample**
VialNumber	**1203**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.21	0.21	ug/l	3600	
Tl	205	209	1	0.02	0.02	ug/l	720	
Ba	137	159	1	0.08	0.08	ug/l	3600	
Sb	121	115	1	0.26	0.26	ug/l	3600	
Sn	118	115	1	0.13	0.13	ug/l	3600	
Cd	111	115	1	93.49	93.49	ug/l	3600	
Ag	107	115	1	191.54	191.54	ug/l	180	fail
Mo	95	115	1	1077.18	1077.18	ug/l	1800	
Sr	88	115	1	0.66	0.66	ug/l	900	
Se	78	74	1	95.20	95.20	ug/l	3600	
As	75	74	1	102.89	102.89	ug/l	3600	
Zn	66	45	1	85.98	85.98	ug/l	900	
Cu	63	45	1	182.37	182.37	ug/l	900	
Ni	60	45	1	187.02	187.02	ug/l	900	
Co	59	45	1	197.59	197.59	ug/l	1800	
Fe	56	45	1	123927.39	123927.39	ug/l	360000	
Mn	55	45	1	201.12	201.12	ug/l	36000	
Cr	52	45	1	199.68	199.68	ug/l	3600	
V	51	45	1	215.00	215.00	ug/l	3600	
Ti	47	45	1	1107.67	1107.67	ug/l	3600	
Ca	44	45	1	161112.17	161112.17	ug/l	360000	
K	39	45	1	51054.57	51054.57	ug/l	360000	
Al	27	45	1	47296.20	47296.20	ug/l	36000	fail
Mg	24	45	1	48524.16	48524.16	ug/l	90000	
Na	23	45	1	125262.21	125262.21	ug/l	90000	fail
B	11	6	1	1.28	1.28	ug/l	7200	
Be	9	6	1	0.03	0.03	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	153432	0.48	180399	85.1	60	120	
Tb	159	1	214156	0.22	218253	98.1	60	120	
In	115	1	49553	0.89	54068	91.6	60	120	
Kr	83	1	3	0.00	2	150.0	-1000	1000	
Ge	74	1	6393	2.98	6860	93.2	60	120	
Sc	45	1	52932	0.54	53311	99.3	60	120	
Li	6	1	11008	3.01	12534	87.8	60	120	

Sample Report

Sample Name	**Rn chk**
Data File Name	**013SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:14:05-05:00**
Type	**Sample**
VialNumber	**1**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.00	0.00	ug/l	3600	
Tl	205	209	1	0.00	0.00	ug/l	720	
Ba	137	159	1	0.01	0.01	ug/l	3600	
Sb	121	115	1	-0.05	-0.05	ug/l	3600	
Sn	118	115	1	0.03	0.03	ug/l	3600	
Cd	111	115	1	0.01	0.01	ug/l	3600	
Ag	107	115	1	0.01	0.01	ug/l	180	
Mo	95	115	1	0.72	0.72	ug/l	1800	
Sr	88	115	1	0.00	0.00	ug/l	900	
Se	78	74	1	0.05	0.05	ug/l	3600	
As	75	74	1	-0.01	-0.01	ug/l	3600	
Zn	66	45	1	0.07	0.07	ug/l	900	
Cu	63	45	1	-0.01	-0.01	ug/l	900	
Ni	60	45	1	0.01	0.01	ug/l	900	
Co	59	45	1	0.00	0.00	ug/l	1800	
Fe	56	45	1	9.32	9.32	ug/l	360000	
Mn	55	45	1	0.02	0.02	ug/l	36000	
Cr	52	45	1	0.04	0.04	ug/l	3600	
V	51	45	1	-0.01	-0.01	ug/l	3600	
Ti	47	45	1	0.36	0.36	ug/l	3600	
Ca	44	45	1	10.42	10.42	ug/l	360000	
K	39	45	1	10.68	10.68	ug/l	360000	
Al	27	45	1	2.49	2.49	ug/l	36000	
Mg	24	45	1	3.86	3.86	ug/l	90000	
Na	23	45	1	18.54	18.54	ug/l	90000	
B	11	6	1	0.15	0.15	ug/l	7200	
Be	9	6	1	0.01	0.01	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	177589	1.05	180399	98.4	60	120	
Tb	159	1	214627	0.93	218253	98.3	60	120	
In	115	1	52612	0.09	54068	97.3	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6594	2.06	6860	96.1	60	120	
Sc	45	1	52181	0.21	53311	97.9	60	120	
Li	6	1	12033	1.47	12534	96.0	60	120	

Sample Report

Sample Name	**Rn chk**
Data File Name	**014SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:17:43-05:00**
Type	**Sample**
VialNumber	**1**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.00	0.00	ug/l	3600	
Tl	205	209	1	-0.01	-0.01	ug/l	720	
Ba	137	159	1	0.02	0.02	ug/l	3600	
Sb	121	115	1	-0.06	-0.06	ug/l	3600	
Sn	118	115	1	0.02	0.02	ug/l	3600	
Cd	111	115	1	0.02	0.02	ug/l	3600	
Ag	107	115	1	0.00	0.00	ug/l	180	
Mo	95	115	1	0.18	0.18	ug/l	1800	
Sr	88	115	1	0.01	0.01	ug/l	900	
Se	78	74	1	0.00	0.00	ug/l	3600	
As	75	74	1	0.01	0.01	ug/l	3600	
Zn	66	45	1	0.03	0.03	ug/l	900	
Cu	63	45	1	-0.03	-0.03	ug/l	900	
Ni	60	45	1	0.01	0.01	ug/l	900	
Co	59	45	1	-0.01	-0.01	ug/l	1800	
Fe	56	45	1	7.68	7.68	ug/l	360000	
Mn	55	45	1	0.05	0.05	ug/l	36000	
Cr	52	45	1	0.01	0.01	ug/l	3600	
V	51	45	1	-0.02	-0.02	ug/l	3600	
Ti	47	45	1	0.24	0.24	ug/l	3600	
Ca	44	45	1	8.94	8.94	ug/l	360000	
K	39	45	1	5.61	5.61	ug/l	360000	
Al	27	45	1	3.01	3.01	ug/l	36000	
Mg	24	45	1	3.58	3.58	ug/l	90000	
Na	23	45	1	9.42	9.42	ug/l	90000	
B	11	6	1	-0.87	-0.87	ug/l	7200	
Be	9	6	1	0.03	0.03	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	183814	1.43	180399	101.9	**60**	120	
Tb	159	1	219345	2.68	218253	100.5	**60**	120	
In	115	1	54720	1.48	54068	101.2	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6792	3.13	6860	99.0	60	120	
Sc	45	1	53386	1.93	53311	100.1	60	120	
Li	6	1	12012	0.56	12534	95.8	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0156CCV.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:21:20-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	49.74	1.14	ug/l	2294.64	1.14	50	99.5	90	110	
B	11	6	1	96.01	6.99	ug/l	2181.33	6.70	100	96.0	90	110	
Na	23	45	1	4936.08	1.16	ug/l	1384747.31	0.80	5000	98.7	90	110	
Mg	24	45	1	5095.68	0.64	ug/l	725686.46	0.65	5000	101.9	90	110	
Al	27	45	1	489.24	0.71	ug/l	28238.69	1.07	500	97.8	90	110	
K	39	45	1	4993.61	1.19	ug/l	377129.79	0.79	5000	99.9	90	110	
Ca	44	45	1	5008.05	1.47	ug/l	19037.63	1.55	5000	100.2	90	110	
Ti	47	45	1	48.69	4.22	ug/l	980.06	3.86	50	97.4	90	110	
V	51	45	1	49.77	2.34	ug/l	25292.94	1.79	50	99.5	90	110	
Cr	52	45	1	47.80	0.95	ug/l	32613.10	1.44	50	95.6	90	110	
Mn	55	45	1	492.67	0.97	ug/l	242062.13	0.35	500	98.5	90	110	
Fe	56	45	1	4963.61	1.59	ug/l	3023166.52	1.03	5000	99.3	90	110	
Co	59	45	1	48.50	0.54	ug/l	44688.42	0.50	50	97.0	90	110	
Ni	60	45	1	46.98	0.75	ug/l	10659.49	0.11	50	94.0	90	110	
Cu	63	45	1	48.14	1.13	ug/l	28635.56	0.59	50	96.3	90	110	
Zn	66	45	1	50.53	0.63	ug/l	6410.40	0.47	50	101.1	90	110	
As	75	74	1	49.57	0.69	ug/l	2369.11	1.14	50	99.1	90	110	
Se	78	74	1	51.65	5.60	ug/l	350.84	4.77	50	103.3	90	110	
Sr	88	115	1	49.20	1.42	ug/l	24563.46	0.91	50	98.4	90	110	
Mo	95	115	1	48.10	3.66	ug/l	15295.83	3.04	50	96.2	90	110	
Ag	107	115	1	48.74	2.20	ug/l	53871.50	1.55	50	97.5	90	110	
Cd	111	115	1	48.64	1.95	ug/l	9892.42	1.32	50	97.3	90	110	
Sn	118	115	1	48.74	2.05	ug/l	22704.29	2.59	50	97.5	90	110	
Sb	121	115	1	49.05	0.75	ug/l	24490.54	0.63	50	98.1	90	110	
Ba	137	159	1	50.77	1.44	ug/l	9463.32	1.35	50	101.5	90	110	
Tl	205	209	1	9.76	0.74	ug/l	47388.33	1.50	10	97.6	90	110	
Pb	208	209	1	49.38	0.27	ug/l	319340.93	0.59	50	98.8	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12189	0.42	12534	97.2	60	120	
Sc	45	1	55238	0.65	53311	103.6	60	120	
Ge	74	1	6835	1.43	6860	99.6	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
In	115	1	55039	0.72	54068	101.8	60	120	
Tb	159	1	223384	0.21	218253	102.4	60	120	
Bi	209	1	183746	0.82	180399	101.9	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0166CCB.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:24:57-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.00	1081.80	ug/l	0.56	173.21	0.2	
B	11	6	1	0.67	190.12	ug/l	80.01	36.08	20	
Na	23	45	1	2.54	10.00	ug/l	26635.73	0.27	50	
Mg	24	45	1	1.60	17.30	ug/l	246.68	15.35	50	
Al	27	45	1	0.73	21.70	ug/l	74.45	11.49	10	
K	39	45	1	4.75	59.20	ug/l	7078.45	2.43	50	
Ca	44	45	1	3.81	78.92	ug/l	22.78	48.73	50	
Ti	47	45	1	0.30	32.90	ug/l	2.22	86.60	1	
V	51	45	1	-0.03	-99.07	ug/l	62.23	20.28	1	
Cr	52	45	1	-0.01	-341.63	ug/l	85.56	13.68	1	
Mn	55	45	1	0.03	26.35	ug/l	35.55	10.83	2	
Fe	56	45	1	3.41	2.06	ug/l	2596.37	1.33	30	
Co	59	45	1	-0.01	-113.81	ug/l	13.33	66.16	1	
Ni	60	45	1	-0.02	-43.27	ug/l	4.44	43.40	1	
Cu	63	45	1	-0.08	-38.69	ug/l	140.00	13.26	1	
Zn	66	45	1	0.00	1486.03	ug/l	15.56	49.47	4	
As	75	74	1	0.02	224.09	ug/l	3.89	65.47	0.5	
Se	78	74	1	0.25	74.51	ug/l	2.78	45.80	0.5	
Sr	88	115	1	0.01	43.45	ug/l	7.78	24.71	1	
Mo	95	115	1	0.10	18.77	ug/l	33.34	17.32	1	
Ag	107	115	1	0.00	-5.06	ug/l	20.00	0.00	1	
Cd	111	115	1	-0.01	0.00	ug/l	0.00	#DIV/0!	0.5	
Sn	118	115	1	0.09	22.98	ug/l	85.56	9.81	4	
Sb	121	115	1	-0.04	-15.03	ug/l	40.00	8.32	0.5	
Ba	137	159	1	0.01	282.97	ug/l	3.33	100.05	1	
Tl	205	209	1	0.05	25.80	ug/l	404.47	16.57	0.2	
Pb	208	209	1	0.00	137.55	ug/l	161.12	13.77	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11790	2.14	12534	94.1	60	120	
Sc	45	1	53014	0.48	53311	99.4	60	120	
Ge	74	1	6670	1.28	6860	97.2	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
In	115	1	53812	0.91	54068	99.5	60	120	
Tb	159	1	217432	0.19	218253	99.6	60	120	
Bi	209	1	179798	0.59	180399	99.7	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**MB 460-148882/1-A@5**
Data File Name	**0176CCB.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:28:34-05:00**
Type	**6-CCB**
VialNumber	**2101**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.00	5218.00	ug/l	0.56	173.21	0.2	
B	11	6	1	0.00	-70054.13	ug/l	64.45	23.32	20	
Na	23	45	1	5.33	213.45	ug/l	26528.87	2.09	50	
Mg	24	45	1	1.12	139.68	ug/l	175.56	24.12	50	
Al	27	45	1	1.92	59.46	ug/l	136.11	9.51	10	
K	39	45	1	7.84	48.79	ug/l	7074.01	1.45	50	
Ca	44	45	1	3.55	163.84	ug/l	21.11	19.86	50	
Ti	47	45	1	0.19	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	1	0.08	273.56	ug/l	108.89	18.46	1	
Cr	52	45	1	0.02	691.88	ug/l	96.67	15.03	1	
Mn	55	45	1	0.02	318.06	ug/l	31.11	22.31	2	
Fe	56	45	1	1.96	182.21	ug/l	1691.26	24.02	30	
Co	59	45	1	-0.01	-190.34	ug/l	15.56	12.40	1	
Ni	60	45	1	-0.01	-841.85	ug/l	6.67	50.03	1	
Cu	63	45	1	-0.06	-224.51	ug/l	150.01	8.89	1	
Zn	66	45	1	0.19	194.98	ug/l	36.67	24.05	4	
As	75	74	1	0.10	733.59	ug/l	7.22	93.27	0.5	
Se	78	74	1	0.18	739.53	ug/l	2.22	78.14	0.5	
Sr	88	115	1	0.01	165.61	ug/l	8.89	21.63	1	
Mo	95	115	1	0.07	351.73	ug/l	23.33	62.27	1	
Ag	107	115	1	-0.01	-340.55	ug/l	10.00	88.20	1	
Cd	111	115	1	-0.01	0.00	ug/l	0.00	#DIV/0!	0.5	
Sn	118	115	1	0.16	63.42	ug/l	116.67	7.56	4	
Sb	121	115	1	-0.01	-535.53	ug/l	56.67	5.88	0.5	
Ba	137	159	1	0.02	281.77	ug/l	5.56	34.70	1	
Tl	205	209	1	0.01	504.19	ug/l	170.01	15.56	0.2	
Pb	208	209	1	0.00	803.01	ug/l	165.56	19.03	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11615	0.96	12534	92.7	60	120	
Sc	45	1	51382	0.70	53311	96.4	60	120	
Ge	74	1	6370	1.09	6860	92.9	60	120	
Kr	83	1	2	86.60	2	100.0	-1000	1000	
In	115	1	52259	0.20	54068	96.7	60	120	
Tb	159	1	214314	0.18	218253	98.2	60	120	
Bi	209	1	179806	0.49	180399	99.7	60	120	

TuneStep	TuneFile
1	helium.u

Sample Report

Sample Name	**LCS 460-148882/2-A@5**
Data File Name	**018SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:32:11-05:00**
Type	**Sample**
VialNumber	**2102**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	5.02	25.12	ug/l	3600	
Tl	205	209	1	3.79	18.96	ug/l	720	
Ba	137	159	1	10.03	50.13	ug/l	3600	
Sb	121	115	1	5.06	25.30	ug/l	3600	
Sn	118	115	1	9.90	49.52	ug/l	3600	
Cd	111	115	1	4.84	24.20	ug/l	3600	
Ag	107	115	1	5.09	25.47	ug/l	180	
Mo	95	115	1	9.29	46.46	ug/l	1800	
Sr	88	115	1	9.61	48.07	ug/l	900	
Se	78	74	1	9.90	49.49	ug/l	3600	
As	75	74	1	10.32	51.60	ug/l	3600	
Zn	66	45	1	47.97	239.87	ug/l	900	
Cu	63	45	1	9.90	49.49	ug/l	900	
Ni	60	45	1	9.42	47.10	ug/l	900	
Co	59	45	1	4.86	24.32	ug/l	1800	
Fe	56	45	1	525.97	2629.86	ug/l	360000	
Mn	55	45	1	51.20	256.02	ug/l	36000	
Cr	52	45	1	10.00	50.02	ug/l	3600	
V	51	45	1	9.69	48.45	ug/l	3600	
Ti	47	45	1	11.41	57.04	ug/l	3600	
Ca	44	45	1	509.62	2548.11	ug/l	360000	
K	39	45	1	512.23	2561.16	ug/l	360000	
Al	27	45	1	505.02	2525.12	ug/l	36000	
Mg	24	45	1	530.39	2651.94	ug/l	90000	
Na	23	45	1	515.22	2576.12	ug/l	90000	
B	11	6	1	107.60	537.98	ug/l	7200	
Be	9	6	1	5.57	27.84	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	181528	0.60	180399	100.6	60	120	
Tb	159	1	218602	0.76	218253	100.2	60	120	
In	115	1	52836	0.70	54068	97.7	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6524	1.76	6860	95.1	60	120	
Sc	45	1	51948	0.82	53311	97.4	60	120	
Li	6	1	11700	2.05	12534	93.4	60	120	

Sample Report

Sample Name	**PdS 460-51333-e-9-a@5**
Data File Name	**019SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:35:48-05:00**
Type	**Sample**
VialNumber	**2103**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	5.00	24.99	ug/l	3600	
Tl	205	209	1	3.94	19.68	ug/l	720	
Ba	137	159	1	19.72	98.62	ug/l	3600	
Sb	121	115	1	4.85	24.23	ug/l	3600	
Sn	118	115	1	9.86	49.31	ug/l	3600	
Cd	111	115	1	4.84	24.20	ug/l	3600	
Ag	107	115	1	5.10	25.48	ug/l	180	
Mo	95	115	1	9.57	47.86	ug/l	1800	
Sr	88	115	1	50.35	251.76	ug/l	900	
Se	78	74	1	9.35	46.73	ug/l	3600	
As	75	74	1	9.62	48.08	ug/l	3600	
Zn	66	45	1	48.94	244.68	ug/l	900	
Cu	63	45	1	9.95	49.77	ug/l	900	
Ni	60	45	1	9.76	48.82	ug/l	900	
Co	59	45	1	4.95	24.75	ug/l	1800	
Fe	56	45	1	530.03	2650.15	ug/l	360000	
Mn	55	45	1	51.10	255.51	ug/l	36000	
Cr	52	45	1	10.17	50.83	ug/l	3600	
V	51	45	1	10.22	51.08	ug/l	3600	
Ti	47	45	1	9.60	47.99	ug/l	3600	
Ca	44	45	1	5033.01	25165.07	ug/l	360000	
K	39	45	1	1077.02	5385.10	ug/l	360000	
Al	27	45	1	498.80	2494.02	ug/l	36000	
Mg	24	45	1	1371.76	6858.80	ug/l	90000	
Na	23	45	1	5680.41	28402.03	ug/l	90000	
B	11	6	1	116.09	580.43	ug/l	7200	
Be	9	6	1	5.17	25.87	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	176247	0.92	180399	97.7	60	120	
Tb	159	1	215086	1.07	218253	98.5	60	120	
In	115	1	51642	1.43	54068	95.5	60	120	
Kr	83	1	3	173.21	2	150.2	-1000	1000	
Ge	74	1	6421	1.02	6860	93.6	60	120	
Sc	45	1	50671	0.45	53311	95.0	60	120	
Li	6	1	11323	1.95	12534	90.3	60	120	

Sample Report

Sample Name	**460-51333-e-9-b ms@5**
Data File Name	**020SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:39:24-05:00**
Type	**Sample**
VialNumber	**2104**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	4.97	24.87	ug/l	3600	
Tl	205	209	1	3.83	19.15	ug/l	720	
Ba	137	159	1	20.25	101.24	ug/l	3600	
Sb	121	115	1	5.11	25.57	ug/l	3600	
Sn	118	115	1	10.15	50.75	ug/l	3600	
Cd	111	115	1	4.35	21.74	ug/l	3600	
Ag	107	115	1	4.97	24.86	ug/l	180	
Mo	95	115	1	9.20	45.99	ug/l	1800	
Sr	88	115	1	49.24	246.18	ug/l	900	
Se	78	74	1	9.27	46.34	ug/l	3600	
As	75	74	1	9.19	45.97	ug/l	3600	
Zn	66	45	1	47.98	239.92	ug/l	900	
Cu	63	45	1	9.86	49.31	ug/l	900	
Ni	60	45	1	9.48	47.40	ug/l	900	
Co	59	45	1	4.71	23.53	ug/l	1800	
Fe	56	45	1	524.00	2620.01	ug/l	360000	
Mn	55	45	1	50.63	253.16	ug/l	36000	
Cr	52	45	1	10.20	51.00	ug/l	3600	
V	51	45	1	9.87	49.37	ug/l	3600	
Ti	47	45	1	9.86	49.32	ug/l	3600	
Ca	44	45	1	5001.36	25006.82	ug/l	360000	
K	39	45	1	1060.67	5303.33	ug/l	360000	
Al	27	45	1	498.34	2491.68	ug/l	36000	
Mg	24	45	1	1334.28	6671.38	ug/l	90000	
Na	23	45	1	5545.28	27726.42	ug/l	90000	
B	11	6	1	112.13	560.63	ug/l	7200	
Be	9	6	1	5.23	26.17	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	176530	0.64	180399	97.9	60	120	
Tb	159	1	214609	1.22	218253	98.3	60	120	
In	115	1	51347	0.47	54068	95.0	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6534	0.41	6860	95.2	60	120	
Sc	45	1	50912	0.92	53311	95.5	60	120	
Li	6	1	11504	0.96	12534	91.8	60	120	

Sample Report

Sample Name	**460-51333-a-9-a du@5**
Data File Name	**021SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:43:01-05:00**
Type	**Sample**
VialNumber	**2105**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.02	0.08	ug/l	3600	
Tl	205	209	1	0.05	0.26	ug/l	720	
Ba	137	159	1	9.70	48.49	ug/l	3600	
Sb	121	115	1	0.02	0.10	ug/l	3600	
Sn	118	115	1	0.16	0.81	ug/l	3600	
Cd	111	115	1	0.11	0.55	ug/l	3600	
Ag	107	115	1	-0.01	-0.06	ug/l	180	
Mo	95	115	1	0.06	0.30	ug/l	1800	
Sr	88	115	1	38.75	193.77	ug/l	900	
Se	78	74	1	0.26	1.29	ug/l	3600	
As	75	74	1	0.04	0.19	ug/l	3600	
Zn	66	45	1	2.18	10.88	ug/l	900	
Cu	63	45	1	0.10	0.48	ug/l	900	
Ni	60	45	1	0.24	1.19	ug/l	900	
Co	59	45	1	0.02	0.10	ug/l	1800	
Fe	56	45	1	12.46	62.29	ug/l	360000	
Mn	55	45	1	1.06	5.30	ug/l	36000	
Cr	52	45	1	0.34	1.68	ug/l	3600	
V	51	45	1	0.16	0.79	ug/l	3600	
Ti	47	45	1	0.37	1.83	ug/l	3600	
Ca	44	45	1	4466.75	22333.74	ug/l	360000	
K	39	45	1	566.76	2833.82	ug/l	360000	
Al	27	45	1	2.35	11.74	ug/l	36000	
Mg	24	45	1	834.00	4170.02	ug/l	90000	
Na	23	45	1	5265.58	26327.89	ug/l	90000	
B	11	6	1	10.97	54.87	ug/l	7200	
Be	9	6	1	-0.01	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	182684	1.03	180399	101.3	60	120	
Tb	159	1	219190	0.70	218253	100.4	60	120	
In	115	1	52826	0.57	54068	97.7	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6599	0.95	6860	96.2	60	120	
Sc	45	1	51236	0.29	53311	96.1	60	120	
Li	6	1	11592	2.69	12534	92.5	60	120	

Sample Report

Sample Name	**460-51333-e-9-a@5**
Data File Name	**022SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:46:38-05:00**
Type	**Sample**
VialNumber	**2106**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.01	0.05	ug/l	3600	
Tl	205	209	1	0.01	0.06	ug/l	720	
Ba	137	159	1	9.97	49.85	ug/l	3600	
Sb	121	115	1	0.04	0.22	ug/l	3600	
Sn	118	115	1	0.14	0.72	ug/l	3600	
Cd	111	115	1	0.12	0.58	ug/l	3600	
Ag	107	115	1	-0.01	-0.07	ug/l	180	
Mo	95	115	1	0.05	0.23	ug/l	1800	
Sr	88	115	1	40.01	200.07	ug/l	900	
Se	78	74	1	0.42	2.11	ug/l	3600	
As	75	74	1	0.02	0.12	ug/l	3600	
Zn	66	45	1	2.34	11.72	ug/l	900	
Cu	63	45	1	0.18	0.92	ug/l	900	
Ni	60	45	1	0.27	1.34	ug/l	900	
Co	59	45	1	0.04	0.18	ug/l	1800	
Fe	56	45	1	8.82	44.11	ug/l	360000	
Mn	55	45	1	0.98	4.88	ug/l	36000	
Cr	52	45	1	0.26	1.28	ug/l	3600	
V	51	45	1	0.10	0.52	ug/l	3600	
Ti	47	45	1	0.19	0.93	ug/l	3600	
Ca	44	45	1	4573.40	22867.00	ug/l	360000	
K	39	45	1	574.30	2871.49	ug/l	360000	
Al	27	45	1	2.64	13.21	ug/l	36000	
Mg	24	45	1	836.86	4184.30	ug/l	90000	
Na	23	45	1	5152.98	25764.88	ug/l	90000	
B	11	6	1	11.99	59.95	ug/l	7200	
Be	9	6	1	0.04	0.20	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	185318	1.44	180399	102.7	60	120	
Tb	159	1	223062	1.07	218253	102.2	60	120	
In	115	1	53196	1.01	54068	98.4	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6666	0.87	6860	97.2	60	120	
Sc	45	1	51692	0.53	53311	97.0	60	120	
Li	6	1	11640	0.82	12534	92.9	60	120	

Sample Report

Sample Name	**sd 460-51333-e-9-a@25**
Data File Name	**023SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:50:16-05:00**
Type	**Sample**
VialNumber	**2107**
Dilution	**25**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.00	0.01	ug/l	3600	
Tl	205	209	1	0.01	0.21	ug/l	720	
Ba	137	159	1	1.96	49.05	ug/l	3600	
Sb	121	115	1	-0.02	-0.44	ug/l	3600	
Sn	118	115	1	-0.02	-0.60	ug/l	3600	
Cd	111	115	1	0.02	0.59	ug/l	3600	
Ag	107	115	1	-0.02	-0.42	ug/l	180	
Mo	95	115	1	0.01	0.21	ug/l	1800	
Sr	88	115	1	7.81	195.26	ug/l	900	
Se	78	74	1	0.12	2.88	ug/l	3600	
As	75	74	1	0.04	1.09	ug/l	3600	
Zn	66	45	1	0.57	14.15	ug/l	900	
Cu	63	45	1	-0.03	-0.85	ug/l	900	
Ni	60	45	1	0.04	1.10	ug/l	900	
Co	59	45	1	-0.02	-0.38	ug/l	1800	
Fe	56	45	1	2.14	53.55	ug/l	360000	
Mn	55	45	1	0.23	5.82	ug/l	36000	
Cr	52	45	1	0.06	1.56	ug/l	3600	
V	51	45	1	0.06	1.41	ug/l	3600	
Ti	47	45	1	0.30	7.48	ug/l	3600	
Ca	44	45	1	908.56	22714.10	ug/l	360000	
K	39	45	1	127.73	3193.19	ug/l	360000	
Al	27	45	1	2.20	55.04	ug/l	36000	
Mg	24	45	1	164.92	4123.11	ug/l	90000	
Na	23	45	1	1014.45	25361.15	ug/l	90000	
B	11	6	1	2.21	55.19	ug/l	7200	
Be	9	6	1	0.00	0.04	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	188865	2.54	180399	104.7	60	120	
Tb	159	1	225415	1.34	218253	103.3	60	120	
In	115	1	55179	0.87	54068	102.1	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	6976	2.40	6860	101.7	60	120	
Sc	45	1	54069	0.54	53311	101.4	60	120	
Li	6	1	12004	2.42	12534	95.8	60	120	

Sample Report

Sample Name	**460-51329-B-14-A@5**
Data File Name	**024SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:53:55-05:00**
Type	**Sample**
VialNumber	**2108**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.01	0.04	ug/l	3600	
Tl	205	209	1	-0.01	-0.03	ug/l	720	
Ba	137	159	1	0.02	0.12	ug/l	3600	
Sb	121	115	1	0.02	0.08	ug/l	3600	
Sn	118	115	1	0.08	0.38	ug/l	3600	
Cd	111	115	1	0.01	0.04	ug/l	3600	
Ag	107	115	1	-0.02	-0.09	ug/l	180	
Mo	95	115	1	0.01	0.04	ug/l	1800	
Sr	88	115	1	0.01	0.07	ug/l	900	
Se	78	74	1	0.00	0.00	ug/l	3600	
As	75	74	1	0.01	0.06	ug/l	3600	
Zn	66	45	1	0.21	1.03	ug/l	900	
Cu	63	45	1	-0.10	-0.48	ug/l	900	
Ni	60	45	1	-0.01	-0.03	ug/l	900	
Co	59	45	1	-0.02	-0.11	ug/l	1800	
Fe	56	45	1	1.74	8.72	ug/l	360000	
Mn	55	45	1	0.03	0.14	ug/l	36000	
Cr	52	45	1	0.00	0.02	ug/l	3600	
V	51	45	1	0.14	0.68	ug/l	3600	
Ti	47	45	1	0.24	1.22	ug/l	3600	
Ca	44	45	1	7.66	38.30	ug/l	360000	
K	39	45	1	9.13	45.64	ug/l	360000	
Al	27	45	1	1.16	5.79	ug/l	36000	
Mg	24	45	1	1.19	5.94	ug/l	90000	
Na	23	45	1	5.84	29.18	ug/l	90000	
B	11	6	1	1.58	7.88	ug/l	7200	
Be	9	6	1	0.01	0.07	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	185274	2.05	180399	102.7	60	120	
Tb	159	1	222942	0.66	218253	102.1	60	120	
In	115	1	53823	0.23	54068	99.5	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6752	2.00	6860	98.4	60	120	
Sc	45	1	52877	0.38	53311	99.2	60	120	
Li	6	1	11654	1.30	12534	93.0	60	120	

Sample Report

Sample Name	**460-51329-E-21-A@5**
Data File Name	**025SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T21:57:33-05:00**
Type	**Sample**
VialNumber	**2109**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	1166.32	5831.62	ug/l	3600	
Tl	205	209	1	0.56	2.82	ug/l	720	
Ba	137	159	1	543.03	2715.17	ug/l	3600	
Sb	121	115	1	1.73	8.66	ug/l	3600	
Sn	118	115	1	22.39	111.97	ug/l	3600	
Cd	111	115	1	1.04	5.22	ug/l	3600	
Ag	107	115	1	0.72	3.59	ug/l	180	
Mo	95	115	1	10.97	54.83	ug/l	1800	
Sr	88	115	1	236.29	1181.47	ug/l	900	
Se	78	74	1	14.28	71.40	ug/l	3600	
As	75	74	1	46.05	230.25	ug/l	3600	
Zn	66	45	1	1315.18	6575.91	ug/l	900	fail
Cu	63	45	1	337.76	1688.80	ug/l	900	
Ni	60	45	1	59.04	295.22	ug/l	900	
Co	59	45	1	24.04	120.18	ug/l	1800	
Fe	56	45	1	63153.28	315766.40	ug/l	360000	
Mn	55	45	1	1447.10	7235.49	ug/l	36000	
Cr	52	45	1	84.05	420.24	ug/l	3600	
V	51	45	1	70.48	352.41	ug/l	3600	
Ti	47	45	1	496.40	2482.02	ug/l	3600	
Ca	44	45	1	34056.06	170280.30	ug/l	360000	
K	39	45	1	7761.41	38807.07	ug/l	360000	
Al	27	45	1	27263.78	136318.89	ug/l	36000	
Mg	24	45	1	15120.84	75604.22	ug/l	90000	
Na	23	45	1	38020.07	190100.35	ug/l	90000	
B	11	6	1	125.04	625.20	ug/l	7200	
Be	9	6	1	3.02	15.11	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	184825	1.44	180399	102.5	60	120	
Tb	159	1	236752	1.53	218253	108.5	60	120	
In	115	1	53676	0.36	54068	99.3	60	120	
Kr	83	1	10	57.72	2	450.6	-1000	1000	
Ge	74	1	6986	0.93	6860	101.8	60	120	
Sc	45	1	58422	1.30	53311	109.6	60	120	
Li	6	1	11813	0.18	12534	94.3	60	120	

Sample Report

Sample Name	**460-51329-E-21-A@10**
Data File Name	**026SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:01:05-05:00**
Type	**Sample**
VialNumber	**2110**
Dilution	**10**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	580.18	5801.78	ug/l	3600	
Tl	205	209	1	0.27	2.66	ug/l	720	
Ba	137	159	1	270.61	2706.12	ug/l	3600	
Sb	121	115	1	0.84	8.35	ug/l	3600	
Sn	118	115	1	10.76	107.62	ug/l	3600	
Cd	111	115	1	0.53	5.26	ug/l	3600	
Ag	107	115	1	0.34	3.45	ug/l	180	
Mo	95	115	1	5.21	52.08	ug/l	1800	
Sr	88	115	1	114.62	1146.22	ug/l	900	
Se	78	74	1	6.66	66.56	ug/l	3600	
As	75	74	1	23.95	239.46	ug/l	3600	
Zn	66	45	1	703.47	7034.69	ug/l	900	
Cu	63	45	1	173.02	1730.16	ug/l	900	
Ni	60	45	1	30.55	305.47	ug/l	900	
Co	59	45	1	12.18	121.80	ug/l	1800	
Fe	56	45	1	32361.41	323614.14	ug/l	360000	
Mn	55	45	1	736.75	7367.49	ug/l	36000	
Cr	52	45	1	42.52	425.20	ug/l	3600	
V	51	45	1	36.20	361.99	ug/l	3600	
Ti	47	45	1	249.29	2492.87	ug/l	3600	
Ca	44	45	1	17249.02	172490.18	ug/l	360000	
K	39	45	1	3960.19	39601.94	ug/l	360000	
Al	27	45	1	14917.98	149179.79	ug/l	36000	
Mg	24	45	1	7763.02	77630.17	ug/l	90000	
Na	23	45	1	19481.09	194810.91	ug/l	90000	
B	11	6	1	61.15	611.48	ug/l	7200	
Be	9	6	1	1.58	15.80	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	189693	1.79	180399	105.2	60	120	
Tb	159	1	237019	1.26	218253	108.6	60	120	
In	115	1	55700	0.51	54068	103.0	60	120	
Kr	83	1	4	43.40	2	200.2	-1000	1000	
Ge	74	1	7025	0.85	6860	102.4	60	120	
Sc	45	1	57564	0.58	53311	108.0	60	120	
Li	6	1	12183	1.57	12534	97.2	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0276CCV.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:04:38-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	48.87	0.75	ug/l	2428.00	1.13	50	97.7	90	110	
B	11	6	1	102.79	4.29	ug/l	2510.31	4.85	100	102.8	90	110	
Na	23	45	1	4902.86	0.83	ug/l	1505416.21	0.94	5000	98.1	90	110	
Mg	24	45	1	5023.80	0.34	ug/l	782936.27	0.27	5000	100.5	90	110	
Al	27	45	1	494.79	1.16	ug/l	31251.43	0.79	500	99.0	90	110	
K	39	45	1	5071.23	0.46	ug/l	419008.16	0.16	5000	101.4	90	110	
Ca	44	45	1	5077.11	2.13	ug/l	21121.36	2.42	5000	101.5	90	110	
Ti	47	45	1	52.36	9.09	ug/l	1153.42	8.63	50	104.7	90	110	
V	51	45	1	49.59	1.22	ug/l	27585.81	1.50	50	99.2	90	110	
Cr	52	45	1	48.35	1.24	ug/l	36098.47	0.76	50	96.7	90	110	
Mn	55	45	1	490.60	0.37	ug/l	263788.38	0.28	500	98.1	90	110	
Fe	56	45	1	4916.55	1.46	ug/l	3277018.77	0.99	5000	98.3	90	110	
Co	59	45	1	48.30	1.24	ug/l	48693.53	1.32	50	96.6	90	110	
Ni	60	45	1	46.98	3.11	ug/l	11664.67	2.75	50	94.0	90	110	
Cu	63	45	1	48.17	0.22	ug/l	31363.14	0.74	50	96.3	90	110	
Zn	66	45	1	50.67	4.58	ug/l	7034.05	4.25	50	101.3	90	110	
As	75	74	1	47.96	4.20	ug/l	2594.15	4.43	50	95.9	90	110	
Se	78	74	1	52.26	0.53	ug/l	401.96	0.63	50	104.5	90	110	
Sr	88	115	1	49.52	0.75	ug/l	26916.30	0.93	50	99.0	90	110	
Mo	95	115	1	47.18	0.62	ug/l	16336.94	0.14	50	94.4	90	110	
Ag	107	115	1	48.54	1.96	ug/l	58405.77	1.75	50	97.1	90	110	
Cd	111	115	1	49.65	3.48	ug/l	10994.30	3.23	50	99.3	90	110	
Sn	118	115	1	49.80	1.29	ug/l	25250.53	0.77	50	99.6	90	110	
Sb	121	115	1	50.00	1.12	ug/l	27176.30	1.33	50	100.0	90	110	
Ba	137	159	1	50.21	2.44	ug/l	10243.86	1.84	50	100.4	90	110	
Tl	205	209	1	9.85	0.46	ug/l	51856.95	1.17	10	98.5	90	110	
Pb	208	209	1	49.74	0.84	ug/l	348660.82	0.84	50	99.5	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	13125	0.75	12534	104.7	60	120	
Sc	45	1	60448	0.52	53311	113.4	60	120	
Ge	74	1	7736	1.06	6860	112.8	60	120	
Kr	83	1	2	86.60	2	100.0	-1000	1000	
In	115	1	59917	0.68	54068	110.8	60	120	
Tb	159	1	244530	0.62	218253	112.0	60	120	
Bi	209	1	199181	1.61	180399	110.4	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0286CCB.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:08:14-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.01	160.38	ug/l	1.11	86.60	0.2	
B	11	6	1	2.11	2.18	ug/l	120.00	0.00	20	
Na	23	45	1	-7.82	-23.83	ug/l	27092.13	1.21	50	
Mg	24	45	1	1.36	22.88	ug/l	242.23	18.74	50	
Al	27	45	1	0.75	24.78	ug/l	85.56	12.68	10	
K	39	45	1	2.56	60.37	ug/l	7847.73	1.17	50	
Ca	44	45	1	0.93	61.30	ug/l	13.89	18.33	50	
Ti	47	45	1	0.29	30.28	ug/l	2.22	86.60	1	
V	51	45	1	-0.03	-58.41	ug/l	70.00	12.60	1	
Cr	52	45	1	-0.02	-101.29	ug/l	84.45	19.87	1	
Mn	55	45	1	0.07	27.43	ug/l	60.00	16.67	2	
Fe	56	45	1	2.53	7.69	ug/l	2354.69	4.12	30	
Co	59	45	1	-0.01	-30.26	ug/l	13.33	25.01	1	
Ni	60	45	1	-0.01	-172.52	ug/l	6.67	86.60	1	
Cu	63	45	1	-0.07	-33.29	ug/l	164.45	8.44	1	
Zn	66	45	1	0.02	585.17	ug/l	20.00	88.19	4	
As	75	74	1	-0.02	-295.93	ug/l	2.22	114.49	0.5	
Se	78	74	1	0.02	932.66	ug/l	1.39	91.60	0.5	
Sr	88	115	1	-0.01	0.00	ug/l	0.00	#DIV/0!	1	
Mo	95	115	1	0.10	49.43	ug/l	37.78	44.42	1	
Ag	107	115	1	-0.01	-44.45	ug/l	14.44	35.26	1	
Cd	111	115	1	0.00	1921.88	ug/l	2.22	173.21	0.5	
Sn	118	115	1	0.09	23.01	ug/l	95.56	10.66	4	
Sb	121	115	1	-0.01	-387.29	ug/l	62.22	43.31	0.5	
Ba	137	159	1	0.03	59.02	ug/l	8.89	43.25	1	
Tl	205	209	1	0.06	2.65	ug/l	470.03	2.56	0.2	
Pb	208	209	1	0.03	17.23	ug/l	387.79	9.19	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12823	0.88	12534	102.3	60	120	
Sc	45	1	60101	1.39	53311	112.7	60	120	
Ge	74	1	7500	2.06	6860	109.3	60	120	
Kr	83	1	2	173.21	2	100.2	-1000	1000	
In	115	1	60158	1.23	54068	111.3	60	120	
Tb	159	1	246445	1.45	218253	112.9	60	120	
Bi	209	1	203778	2.45	180399	113.0	60	120	

TuneStep	TuneFile
1	helium.u

Sample Report

Sample Name	**460-51333-E-1-A@5**
Data File Name	**029SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:11:55-05:00**
Type	**Sample**
VialNumber	**2111**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.06	0.31	ug/l	3600	
Tl	205	209	1	0.01	0.07	ug/l	720	
Ba	137	159	1	12.32	61.59	ug/l	3600	
Sb	121	115	1	0.10	0.49	ug/l	3600	
Sn	118	115	1	0.15	0.76	ug/l	3600	
Cd	111	115	1	0.05	0.26	ug/l	3600	
Ag	107	115	1	0.00	-0.01	ug/l	180	
Mo	95	115	1	0.02	0.11	ug/l	1800	
Sr	88	115	1	39.44	197.22	ug/l	900	
Se	78	74	1	-0.01	-0.05	ug/l	3600	
As	75	74	1	0.09	0.44	ug/l	3600	
Zn	66	45	1	3.59	17.97	ug/l	900	
Cu	63	45	1	0.72	3.60	ug/l	900	
Ni	60	45	1	1.18	5.92	ug/l	900	
Co	59	45	1	0.03	0.15	ug/l	1800	
Fe	56	45	1	28.53	142.64	ug/l	360000	
Mn	55	45	1	13.94	69.69	ug/l	36000	
Cr	52	45	1	0.33	1.65	ug/l	3600	
V	51	45	1	0.14	0.70	ug/l	3600	
Ti	47	45	1	0.30	1.50	ug/l	3600	
Ca	44	45	1	2070.00	10349.99	ug/l	360000	
K	39	45	1	1945.34	9726.70	ug/l	360000	
Al	27	45	1	40.74	203.69	ug/l	36000	
Mg	24	45	1	386.11	1930.53	ug/l	90000	
Na	23	45	1	10329.79	51648.95	ug/l	90000	
B	11	6	1	7.18	35.88	ug/l	7200	
Be	9	6	1	0.25	1.25	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	190502	1.35	180399	105.6	60	120	
Tb	159	1	230336	1.58	218253	105.5	60	120	
In	115	1	54830	0.93	54068	101.4	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	7073	1.48	6860	103.1	60	120	
Sc	45	1	54385	1.14	53311	102.0	60	120	
Li	6	1	11825	1.30	12534	94.3	60	120	

Sample Report

Sample Name	**460-51333-E-3-A@5**
Data File Name	**030SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:15:33-05:00**
Type	**Sample**
VialNumber	**2112**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.09	0.44	ug/l	3600	
Tl	205	209	1	0.01	0.03	ug/l	720	
Ba	137	159	1	4.77	23.87	ug/l	3600	
Sb	121	115	1	0.01	0.06	ug/l	3600	
Sn	118	115	1	0.12	0.62	ug/l	3600	
Cd	111	115	1	0.03	0.15	ug/l	3600	
Ag	107	115	1	-0.01	-0.05	ug/l	180	
Mo	95	115	1	0.05	0.24	ug/l	1800	
Sr	88	115	1	10.11	50.54	ug/l	900	
Se	78	74	1	0.00	-0.02	ug/l	3600	
As	75	74	1	0.75	3.76	ug/l	3600	
Zn	66	45	1	1.02	5.08	ug/l	900	
Cu	63	45	1	0.17	0.83	ug/l	900	
Ni	60	45	1	0.26	1.32	ug/l	900	
Co	59	45	1	0.02	0.09	ug/l	1800	
Fe	56	45	1	835.80	4178.98	ug/l	360000	
Mn	55	45	1	1.15	5.75	ug/l	36000	
Cr	52	45	1	0.12	0.58	ug/l	3600	
V	51	45	1	0.32	1.59	ug/l	3600	
Ti	47	45	1	0.76	3.78	ug/l	3600	
Ca	44	45	1	2184.80	10923.99	ug/l	360000	
K	39	45	1	603.34	3016.72	ug/l	360000	
Al	27	45	1	16.87	84.35	ug/l	36000	
Mg	24	45	1	310.41	1552.04	ug/l	90000	
Na	23	45	1	2474.49	12372.43	ug/l	90000	
B	11	6	1	6.32	31.59	ug/l	7200	
Be	9	6	1	0.05	0.26	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	188778	1.46	180399	104.6	60	120	
Tb	159	1	225296	1.38	218253	103.2	60	120	
In	115	1	54125	1.01	54068	100.1	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	6778	1.40	6860	98.8	60	120	
Sc	45	1	53200	0.44	53311	99.8	60	120	
Li	6	1	11668	0.63	12534	93.1	60	120	

Sample Report

Sample Name	**460-51333-E-4-A@5**
Data File Name	**031SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:19:12-05:00**
Type	**Sample**
VialNumber	**2201**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.06	0.31	ug/l	3600	
Tl	205	209	1	0.00	-0.01	ug/l	720	
Ba	137	159	1	15.59	77.94	ug/l	3600	
Sb	121	115	1	0.03	0.16	ug/l	3600	
Sn	118	115	1	0.09	0.46	ug/l	3600	
Cd	111	115	1	0.01	0.06	ug/l	3600	
Ag	107	115	1	-0.01	-0.06	ug/l	180	
Mo	95	115	1	0.02	0.11	ug/l	1800	
Sr	88	115	1	16.76	83.80	ug/l	900	
Se	78	74	1	0.03	0.16	ug/l	3600	
As	75	74	1	0.07	0.33	ug/l	3600	
Zn	66	45	1	0.22	1.12	ug/l	900	
Cu	63	45	1	0.02	0.10	ug/l	900	
Ni	60	45	1	0.22	1.12	ug/l	900	
Co	59	45	1	0.02	0.08	ug/l	1800	
Fe	56	45	1	18.83	94.13	ug/l	360000	
Mn	55	45	1	1.76	8.81	ug/l	36000	
Cr	52	45	1	0.12	0.62	ug/l	3600	
V	51	45	1	0.13	0.66	ug/l	3600	
Ti	47	45	1	0.47	2.34	ug/l	3600	
Ca	44	45	1	2811.46	14057.32	ug/l	360000	
K	39	45	1	537.76	2688.79	ug/l	360000	
Al	27	45	1	7.49	37.45	ug/l	36000	
Mg	24	45	1	447.56	2237.78	ug/l	90000	
Na	23	45	1	9690.78	48453.88	ug/l	90000	
B	11	6	1	5.13	25.63	ug/l	7200	
Be	9	6	1	0.01	0.07	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	191809	2.02	180399	106.3	60	120	
Tb	159	1	230813	0.64	218253	105.8	60	120	
In	115	1	55292	1.39	54068	102.3	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	6967	1.27	6860	101.6	60	120	
Sc	45	1	54282	0.84	53311	101.8	60	120	
Li	6	1	11913	1.60	12534	95.0	60	120	

Sample Report

Sample Name	**460-51333-E-6-A@5**
Data File Name	**032SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:22:48-05:00**
Type	**Sample**
VialNumber	**2202**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.10	0.50	ug/l	3600	
Tl	205	209	1	0.00	-0.02	ug/l	720	
Ba	137	159	1	9.46	47.32	ug/l	3600	
Sb	121	115	1	0.01	0.04	ug/l	3600	
Sn	118	115	1	0.10	0.48	ug/l	3600	
Cd	111	115	1	0.00	0.01	ug/l	3600	
Ag	107	115	1	-0.01	-0.06	ug/l	180	
Mo	95	115	1	0.03	0.13	ug/l	1800	
Sr	88	115	1	9.93	49.65	ug/l	900	
Se	78	74	1	-0.09	-0.44	ug/l	3600	
As	75	74	1	0.04	0.21	ug/l	3600	
Zn	66	45	1	0.46	2.28	ug/l	900	
Cu	63	45	1	0.04	0.19	ug/l	900	
Ni	60	45	1	0.14	0.72	ug/l	900	
Co	59	45	1	0.03	0.15	ug/l	1800	
Fe	56	45	1	87.45	437.23	ug/l	360000	
Mn	55	45	1	4.33	21.63	ug/l	36000	
Cr	52	45	1	0.68	3.38	ug/l	3600	
V	51	45	1	0.16	0.81	ug/l	3600	
Ti	47	45	1	0.69	3.45	ug/l	3600	
Ca	44	45	1	1641.31	8206.54	ug/l	360000	
K	39	45	1	451.77	2258.86	ug/l	360000	
Al	27	45	1	23.95	119.75	ug/l	36000	
Mg	24	45	1	316.68	1583.41	ug/l	90000	
Na	23	45	1	12827.98	64139.91	ug/l	90000	
B	11	6	1	3.71	18.53	ug/l	7200	
Be	9	6	1	0.00	0.01	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	192580	1.60	180399	106.8	60	120	
Tb	159	1	231131	0.55	218253	105.9	60	120	
In	115	1	55706	1.28	54068	103.0	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
Ge	74	1	7068	3.79	6860	103.0	60	120	
Sc	45	1	54324	0.78	53311	101.9	60	120	
Li	6	1	11707	0.25	12534	93.4	60	120	

Sample Report

Sample Name	**460-51333-E-7-A@5**
Data File Name	**033SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:26:23-05:00**
Type	**Sample**
VialNumber	**2203**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.09	0.46	ug/l	3600	
Tl	205	209	1	-0.01	-0.03	ug/l	720	
Ba	137	159	1	14.31	71.56	ug/l	3600	
Sb	121	115	1	0.00	0.02	ug/l	3600	
Sn	118	115	1	0.11	0.54	ug/l	3600	
Cd	111	115	1	0.01	0.07	ug/l	3600	
Ag	107	115	1	-0.01	-0.05	ug/l	180	
Mo	95	115	1	0.01	0.06	ug/l	1800	
Sr	88	115	1	21.14	105.68	ug/l	900	
Se	78	74	1	0.04	0.19	ug/l	3600	
As	75	74	1	0.01	0.05	ug/l	3600	
Zn	66	45	1	0.28	1.41	ug/l	900	
Cu	63	45	1	0.04	0.21	ug/l	900	
Ni	60	45	1	0.07	0.35	ug/l	900	
Co	59	45	1	0.00	-0.01	ug/l	1800	
Fe	56	45	1	13.56	67.81	ug/l	360000	
Mn	55	45	1	0.56	2.78	ug/l	36000	
Cr	52	45	1	0.16	0.79	ug/l	3600	
V	51	45	1	0.15	0.74	ug/l	3600	
Ti	47	45	1	0.53	2.63	ug/l	3600	
Ca	44	45	1	2390.49	11952.47	ug/l	360000	
K	39	45	1	524.42	2622.10	ug/l	360000	
Al	27	45	1	6.54	32.72	ug/l	36000	
Mg	24	45	1	457.26	2286.31	ug/l	90000	
Na	23	45	1	11767.19	58835.96	ug/l	90000	
B	11	6	1	3.76	18.78	ug/l	7200	
Be	9	6	1	0.00	0.01	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	190815	1.00	180399	105.8	60	120	
Tb	159	1	229573	1.03	218253	105.2	60	120	
In	115	1	54586	1.04	54068	101.0	60	120	
Kr	83	1	2	173.21	2	100.2	-1000	1000	
Ge	74	1	6839	2.38	6860	99.7	60	120	
Sc	45	1	53782	1.21	53311	100.9	60	120	
Li	6	1	11685	1.88	12534	93.2	60	120	

Sample Report

Sample Name	**460-51333-E-10-A@5**
Data File Name	**034SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:29:59-05:00**
Type	**Sample**
VialNumber	**2204**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.10	0.48	ug/l	3600	
Tl	205	209	1	-0.01	-0.04	ug/l	720	
Ba	137	159	1	3.04	15.21	ug/l	3600	
Sb	121	115	1	-0.01	-0.03	ug/l	3600	
Sn	118	115	1	0.11	0.54	ug/l	3600	
Cd	111	115	1	0.03	0.15	ug/l	3600	
Ag	107	115	1	-0.01	-0.06	ug/l	180	
Mo	95	115	1	0.29	1.44	ug/l	1800	
Sr	88	115	1	17.87	89.37	ug/l	900	
Se	78	74	1	0.15	0.74	ug/l	3600	
As	75	74	1	0.05	0.27	ug/l	3600	
Zn	66	45	1	2.33	11.67	ug/l	900	
Cu	63	45	1	0.45	2.24	ug/l	900	
Ni	60	45	1	5.36	26.80	ug/l	900	
Co	59	45	1	0.10	0.51	ug/l	1800	
Fe	56	45	1	84.88	424.38	ug/l	360000	
Mn	55	45	1	2.83	14.17	ug/l	36000	
Cr	52	45	1	7.08	35.40	ug/l	3600	
V	51	45	1	0.24	1.19	ug/l	3600	
Ti	47	45	1	1.25	6.27	ug/l	3600	
Ca	44	45	1	1040.75	5203.76	ug/l	360000	
K	39	45	1	222.91	1114.56	ug/l	360000	
Al	27	45	1	16.57	82.87	ug/l	36000	
Mg	24	45	1	221.59	1107.97	ug/l	90000	
Na	23	45	1	6427.62	32138.11	ug/l	90000	
B	11	6	1	2.08	10.38	ug/l	7200	
Be	9	6	1	0.03	0.14	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	192136	2.19	180399	106.5	60	120	
Tb	159	1	230656	1.65	218253	105.7	60	120	
In	115	1	55045	0.73	54068	101.8	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	7088	0.51	6860	103.3	60	120	
Sc	45	1	54048	0.17	53311	101.4	60	120	
Li	6	1	11596	2.46	12534	92.5	60	120	

Sample Report

Sample Name	**460-51333-E-12-A@5**
Data File Name	**035SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:33:35-05:00**
Type	**Sample**
VialNumber	**2205**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.10	0.49	ug/l	3600	
Tl	205	209	1	-0.01	-0.03	ug/l	720	
Ba	137	159	1	26.91	134.55	ug/l	3600	
Sb	121	115	1	0.04	0.20	ug/l	3600	
Sn	118	115	1	0.10	0.51	ug/l	3600	
Cd	111	115	1	0.03	0.14	ug/l	3600	
Ag	107	115	1	-0.01	-0.06	ug/l	180	
Mo	95	115	1	0.07	0.34	ug/l	1800	
Sr	88	115	1	32.11	160.53	ug/l	900	
Se	78	74	1	0.24	1.19	ug/l	3600	
As	75	74	1	0.13	0.63	ug/l	3600	
Zn	66	45	1	1.32	6.61	ug/l	900	
Cu	63	45	1	0.36	1.79	ug/l	900	
Ni	60	45	1	1.32	6.58	ug/l	900	
Co	59	45	1	0.17	0.84	ug/l	1800	
Fe	56	45	1	366.37	1831.83	ug/l	360000	
Mn	55	45	1	4.43	22.14	ug/l	36000	
Cr	52	45	1	1.95	9.75	ug/l	3600	
V	51	45	1	0.25	1.24	ug/l	3600	
Ti	47	45	1	4.05	20.23	ug/l	3600	
Ca	44	45	1	6584.84	32924.19	ug/l	360000	
K	39	45	1	1198.68	5993.38	ug/l	360000	
Al	27	45	1	71.27	356.34	ug/l	36000	
Mg	24	45	1	997.79	4988.96	ug/l	90000	
Na	23	45	1	23073.81	115369.06	ug/l	90000	
B	11	6	1	8.11	40.55	ug/l	7200	
Be	9	6	1	0.04	0.20	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	191747	3.17	180399	106.3	60	120	
Tb	159	1	235428	1.61	218253	107.9	60	120	
In	115	1	55362	0.10	54068	102.4	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	6901	0.73	6860	100.6	60	120	
Sc	45	1	55058	0.73	53311	103.3	60	120	
Li	6	1	11826	1.06	12534	94.3	60	120	

Sample Report

Sample Name	**460-51333-E-13-A@5**
Data File Name	**036SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:37:13-05:00**
Type	**Sample**
VialNumber	**2206**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.29	1.45	ug/l	3600	
Tl	205	209	1	0.00	0.01	ug/l	720	
Ba	137	159	1	8.40	41.98	ug/l	3600	
Sb	121	115	1	0.00	0.01	ug/l	3600	
Sn	118	115	1	0.11	0.55	ug/l	3600	
Cd	111	115	1	0.01	0.04	ug/l	3600	
Ag	107	115	1	-0.02	-0.08	ug/l	180	
Mo	95	115	1	0.03	0.13	ug/l	1800	
Sr	88	115	1	20.56	102.82	ug/l	900	
Se	78	74	1	0.28	1.40	ug/l	3600	
As	75	74	1	0.03	0.17	ug/l	3600	
Zn	66	45	1	1.36	6.82	ug/l	900	
Cu	63	45	1	0.53	2.65	ug/l	900	
Ni	60	45	1	0.44	2.21	ug/l	900	
Co	59	45	1	0.07	0.36	ug/l	1800	
Fe	56	45	1	208.16	1040.78	ug/l	360000	
Mn	55	45	1	8.26	41.28	ug/l	36000	
Cr	52	45	1	0.65	3.25	ug/l	3600	
V	51	45	1	0.29	1.46	ug/l	3600	
Ti	47	45	1	2.75	13.76	ug/l	3600	
Ca	44	45	1	3019.76	15098.80	ug/l	360000	
K	39	45	1	582.38	2911.92	ug/l	360000	
Al	27	45	1	259.51	1297.57	ug/l	36000	
Mg	24	45	1	554.85	2774.23	ug/l	90000	
Na	23	45	1	7707.27	38536.33	ug/l	90000	
B	11	6	1	5.58	27.91	ug/l	7200	
Be	9	6	1	0.09	0.45	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	195288	0.62	180399	108.3	60	120	
Tb	159	1	233094	0.52	218253	106.8	60	120	
In	115	1	55288	0.57	54068	102.3	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	6883	1.50	6860	100.3	60	120	
Sc	45	1	54438	1.26	53311	102.1	60	120	
Li	6	1	11725	0.85	12534	93.5	60	120	

Sample Report

Sample Name	**460-51333-E-15-A@5**
Data File Name	**037SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:40:49-05:00**
Type	**Sample**
VialNumber	**2207**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.16	0.82	ug/l	3600	
Tl	205	209	1	-0.01	-0.06	ug/l	720	
Ba	137	159	1	16.07	80.34	ug/l	3600	
Sb	121	115	1	0.02	0.11	ug/l	3600	
Sn	118	115	1	0.09	0.47	ug/l	3600	
Cd	111	115	1	0.02	0.09	ug/l	3600	
Ag	107	115	1	-0.01	-0.06	ug/l	180	
Mo	95	115	1	0.04	0.20	ug/l	1800	
Sr	88	115	1	16.78	83.88	ug/l	900	
Se	78	74	1	0.41	2.07	ug/l	3600	
As	75	74	1	0.74	3.69	ug/l	3600	
Zn	66	45	1	0.64	3.22	ug/l	900	
Cu	63	45	1	0.06	0.28	ug/l	900	
Ni	60	45	1	0.11	0.55	ug/l	900	
Co	59	45	1	0.01	0.07	ug/l	1800	
Fe	56	45	1	53.44	267.21	ug/l	360000	
Mn	55	45	1	1.73	8.65	ug/l	36000	
Cr	52	45	1	0.14	0.70	ug/l	3600	
V	51	45	1	0.34	1.71	ug/l	3600	
Ti	47	45	1	2.00	9.98	ug/l	3600	
Ca	44	45	1	2771.35	13856.73	ug/l	360000	
K	39	45	1	540.71	2703.56	ug/l	360000	
Al	27	45	1	27.73	138.66	ug/l	36000	
Mg	24	45	1	457.79	2288.95	ug/l	90000	
Na	23	45	1	10207.96	51039.79	ug/l	90000	
B	11	6	1	2.70	13.48	ug/l	7200	
Be	9	6	1	-0.01	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	198873	0.27	180399	110.2	60	120	
Tb	159	1	233889	0.40	218253	107.2	60	120	
In	115	1	54905	1.38	54068	101.5	60	120	
Kr	83	1	2	173.21	2	100.2	-1000	1000	
Ge	74	1	6775	2.10	6860	98.8	60	120	
Sc	45	1	53649	1.43	53311	100.6	60	120	
Li	6	1	11609	1.69	12534	92.6	60	120	

Sample Report

Sample Name	**460-51333-E-16-A@5**
Data File Name	**038SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:44:26-05:00**
Type	**Sample**
VialNumber	**2208**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.07	0.35	ug/l	3600	
Tl	205	209	1	-0.01	-0.07	ug/l	720	
Ba	137	159	1	15.38	76.88	ug/l	3600	
Sb	121	115	1	0.06	0.29	ug/l	3600	
Sn	118	115	1	0.08	0.42	ug/l	3600	
Cd	111	115	1	0.60	2.98	ug/l	3600	
Ag	107	115	1	-0.02	-0.08	ug/l	180	
Mo	95	115	1	0.03	0.13	ug/l	1800	
Sr	88	115	1	61.41	307.03	ug/l	900	
Se	78	74	1	0.04	0.18	ug/l	3600	
As	75	74	1	0.06	0.28	ug/l	3600	
Zn	66	45	1	3.56	17.79	ug/l	900	
Cu	63	45	1	0.13	0.66	ug/l	900	
Ni	60	45	1	0.33	1.65	ug/l	900	
Co	59	45	1	0.02	0.09	ug/l	1800	
Fe	56	45	1	5.84	29.19	ug/l	360000	
Mn	55	45	1	0.33	1.64	ug/l	36000	
Cr	52	45	1	0.04	0.22	ug/l	3600	
V	51	45	1	0.17	0.83	ug/l	3600	
Ti	47	45	1	0.19	0.93	ug/l	3600	
Ca	44	45	1	4397.39	21986.95	ug/l	360000	
K	39	45	1	757.50	3787.51	ug/l	360000	
Al	27	45	1	2.89	14.47	ug/l	36000	
Mg	24	45	1	798.48	3992.40	ug/l	90000	
Na	23	45	1	6197.90	30989.48	ug/l	90000	
B	11	6	1	9.33	46.66	ug/l	7200	
Be	9	6	1	0.01	0.07	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	204751	1.83	180399	113.5	60	120	
Tb	159	1	239613	0.69	218253	109.8	60	120	
In	115	1	56200	1.02	54068	103.9	60	120	
Kr	83	1	0	#DIV/0!	2	0.0	-1000	1000	
Ge	74	1	6862	1.55	6860	100.0	60	120	
Sc	45	1	54787	0.66	53311	102.8	60	120	
Li	6	1	11849	0.30	12534	94.5	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0396CCV.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:48:03-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	50.75	4.79	ug/l	2487.45	2.89	50	101.5	90	110	
B	11	6	1	101.07	1.09	ug/l	2436.93	0.96	100	101.1	90	110	
Na	23	45	1	4934.18	0.69	ug/l	1513438.92	0.76	5000	98.7	90	110	
Mg	24	45	1	5093.91	1.31	ug/l	793094.21	0.62	5000	101.9	90	110	
Al	27	45	1	500.63	3.32	ug/l	31586.55	2.51	500	100.1	90	110	
K	39	45	1	5143.91	1.15	ug/l	424496.94	0.41	5000	102.9	90	110	
Ca	44	45	1	5190.71	1.63	ug/l	21573.08	1.72	5000	103.8	90	110	
Ti	47	45	1	52.36	6.99	ug/l	1152.30	6.03	50	104.7	90	110	
V	51	45	1	50.57	0.20	ug/l	28102.11	0.86	50	101.1	90	110	
Cr	52	45	1	48.78	0.59	ug/l	36382.36	0.91	50	97.6	90	110	
Mn	55	45	1	500.72	0.58	ug/l	268983.43	0.87	500	100.1	90	110	
Fe	56	45	1	4986.94	1.18	ug/l	3320845.23	0.46	5000	99.7	90	110	
Co	59	45	1	48.35	0.68	ug/l	48704.56	0.76	50	96.7	90	110	
Ni	60	45	1	47.74	3.45	ug/l	11842.57	3.02	50	95.5	90	110	
Cu	63	45	1	48.23	1.30	ug/l	31366.37	0.32	50	96.5	90	110	
Zn	66	45	1	49.31	2.21	ug/l	6839.47	1.27	50	98.6	90	110	
As	75	74	1	48.55	6.02	ug/l	2624.71	4.98	50	97.1	90	110	
Se	78	74	1	53.99	5.64	ug/l	415.29	6.55	50	108.0	90	110	
Sr	88	115	1	50.65	0.91	ug/l	27797.86	0.93	50	101.3	90	110	
Mo	95	115	1	47.92	1.62	ug/l	16756.29	0.86	50	95.8	90	110	
Ag	107	115	1	48.36	1.08	ug/l	58755.97	0.77	50	96.7	90	110	
Cd	111	115	1	49.44	1.01	ug/l	11055.47	1.51	50	98.9	90	110	
Sn	118	115	1	50.17	0.50	ug/l	25690.25	1.43	50	100.3	90	110	
Sb	121	115	1	50.96	1.24	ug/l	27973.34	2.20	50	101.9	90	110	
Ba	137	159	1	49.55	0.91	ug/l	10548.51	1.66	50	99.1	90	110	
Tl	205	209	1	9.87	1.27	ug/l	56559.20	0.33	10	98.7	90	110	
Pb	208	209	1	49.99	1.04	ug/l	381550.26	0.70	50	100.0	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12957	2.01	12534	103.4	60	120	
Sc	45	1	60394	1.06	53311	113.3	60	120	
Ge	74	1	7735	1.01	6860	112.8	60	120	
Kr	83	1	1	173.21	2	50.0	-1000	1000	
In	115	1	60507	0.98	54068	111.9	60	120	
Tb	159	1	255149	0.76	218253	116.9	60	120	
Bi	209	1	216854	0.98	180399	120.2	60	120	fail

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0406CCB.D**
DataPath	**C:\ICPMH\1\DATA\13B28u00.B**
Acq Date Time	**2013-02-28T22:51:39-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.01	313.60	ug/l	1.11	173.21	0.2	
B	11	6	1	-0.03	-2556.14	ug/l	68.89	22.86	20	
Na	23	45	1	-4.04	-31.80	ug/l	27349.17	1.36	50	
Mg	24	45	1	0.84	29.74	ug/l	156.67	23.69	50	
Al	27	45	1	0.22	62.20	ug/l	50.56	16.59	10	
K	39	45	1	9.60	48.17	ug/l	8155.68	4.75	50	
Ca	44	45	1	1.60	104.43	ug/l	16.11	41.80	50	
Ti	47	45	1	0.19	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	1	0.00	616.05	ug/l	84.45	14.95	1	
Cr	52	45	1	0.00	-755.71	ug/l	94.45	26.49	1	
Mn	55	45	1	0.06	53.81	ug/l	52.22	30.16	2	
Fe	56	45	1	1.20	8.63	ug/l	1429.54	4.32	30	
Co	59	45	1	-0.02	-25.04	ug/l	7.78	49.52	1	
Ni	60	45	1	0.01	208.40	ug/l	12.22	41.65	1	
Cu	63	45	1	-0.11	-43.21	ug/l	140.00	20.34	1	
Zn	66	45	1	0.03	255.18	ug/l	20.00	44.10	4	
As	75	74	1	-0.03	-229.61	ug/l	1.67	173.21	0.5	
Se	78	74	1	0.14	123.04	ug/l	2.22	57.36	0.5	
Sr	88	115	1	0.00	192.80	ug/l	5.55	69.34	1	
Mo	95	115	1	0.06	27.30	ug/l	23.34	24.74	1	
Ag	107	115	1	-0.01	-194.46	ug/l	17.78	92.48	1	
Cd	111	115	1	0.00	777.71	ug/l	2.22	86.60	0.5	
Sn	118	115	1	0.04	136.71	ug/l	68.89	34.33	4	
Sb	121	115	1	-0.04	-69.73	ug/l	46.67	31.14	0.5	
Ba	137	159	1	0.02	223.33	ug/l	5.55	124.93	1	
Tl	205	209	1	0.05	30.14	ug/l	436.69	17.26	0.2	
Pb	208	209	1	0.01	70.22	ug/l	213.35	11.80	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12518	0.17	12534	99.9	60	120	
Sc	45	1	58234	0.33	53311	109.2	60	120	
Ge	74	1	7231	2.27	6860	105.4	60	120	
Kr	83	1	2	86.60	2	100.0	-1000	1000	
In	115	1	59096	1.46	54068	109.3	60	120	
Tb	159	1	247222	0.89	218253	113.3	60	120	
Bi	209	1	213558	1.76	180399	118.4	60	120	

TuneStep	TuneFile
1	helium.u

C:\ICPMH\1\7500\QCTUNE.D

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 28 Feb 2013 08:08:05 pm
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008tune.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

Element	Actual	Required	Flag
9 Be	0.70	5.00	
24 Mg	1.04	5.00	
25 Mg	2.00	5.00	
26 Mg	1.12	5.00	
59 Co	0.72	5.00	
115 In	1.46	5.00	
206 Pb	1.43	5.00	
207 Pb	0.99	5.00	
208 Pb	2.54	5.00	

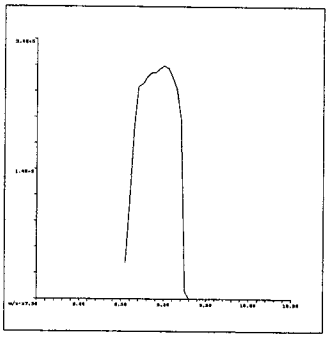
Ion Ratio

Element	Actual	Required	Flag

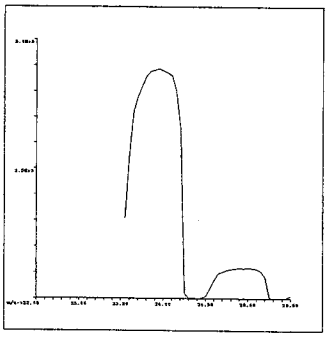
Maximum Bkg. Count(CPS)

Element	Actual	Required	Flag

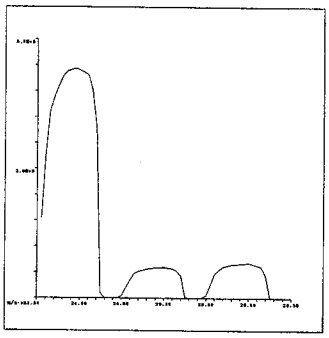
Method
200.8
+ 6020
VD 2-28-13



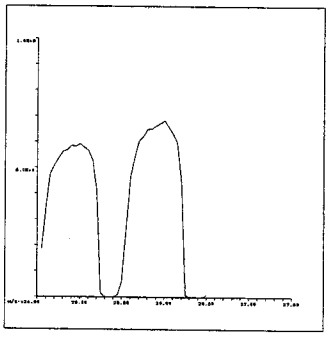
9 Be
Mass Calib.
Actual: 8.95
Required: 8.90-9.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



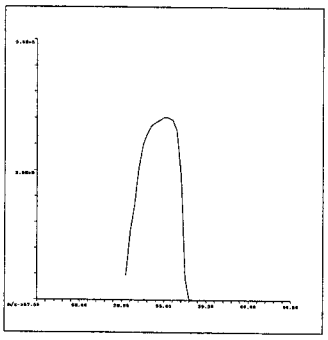
24 Mg
Mass Calib.
Actual: 23.95
Required: 23.90-24.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



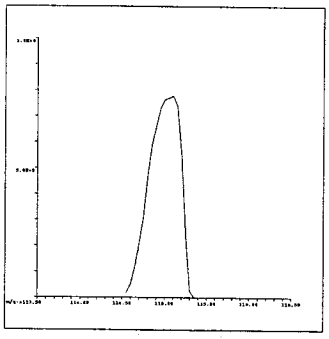
25 Mg
Mass Calib.
Actual: 24.95
Required: 24.90-25.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



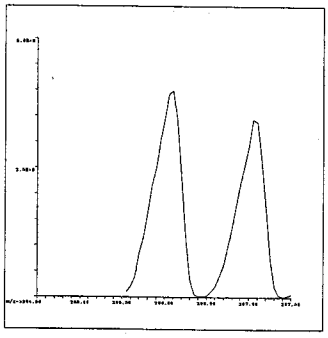
26 Mg
Mass Calib.
Actual: 25.95
Required: 25.90-26.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



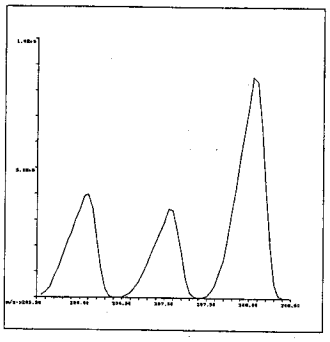
59 Co
Mass Calib.
Actual: 59.00
Required: 58.90-59.10
Flag:
Peak Width
Actual: 0.70
Required: 0.90
Flag:



115 In
Mass Calib.
Actual: 115.05
Required: 114.90-115.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:

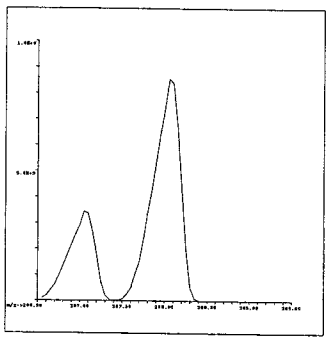


206 Pb
Mass Calib.
Actual: 206.05
Required: 205.90-206.10
Flag:
Peak Width
Actual: 0.65
Required: 0.90
Flag:



207 Pb
Mass Calib.
Actual: 207.05
Required: 206.90-207.10
Flag:
Peak Width
Actual: 0.60
Required: 0.90
Flag:

C:\ICPMH\1\7500\QCTUNE.D



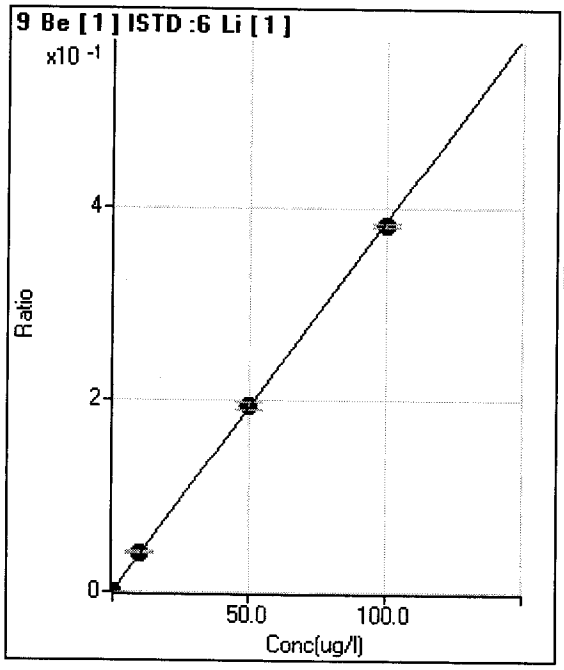
208 Pb
Mass Calib.
Actual: 208.05
Required: 207.90-208.10
Flag:
Peak Width
Actual: 0.60
Required: 0.90
Flag:

QC Tune Result:Pass

Calibration for 006CALS.D

Batch Folder:	C:\ICPMH\1\DATA\13C01d00.B\
Analysis File:	13C01d00.batch.xml
DA Date-Time:	3/1/2013 3:40:03 AM
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 helium.u

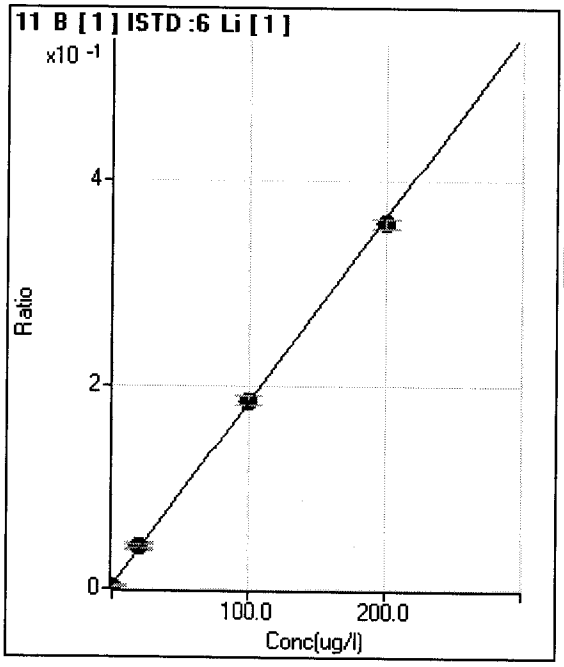
Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.D	Cal Blank	3/1/2013 3:24:16 AM
2	004CALS.D	CAL1 2015300	3/1/2013 3:27:56 AM
3	005CALS.D	CAL2 2015302	3/1/2013 3:31:35 AM
4	006CALS.D	CAL3 2015304	3/1/2013 3:35:14 AM
5	007CALS.D	CAL4 2015306	3/1/2013 3:38:51 AM



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.004	0.56	0.0000	P	173.2
2	☐	0.200	0.147	7.22	0.0006	P	80.3
3	☐	10.000	10.617	487.79	0.0409	P	5.4
4	☐	50.000	50.560	2312.98	0.1948	P	4.3
5	☐	100.000	98.944	4610.72	0.3811	P	1.2

y = 0.0039 * x + 3.5710E-005
R = 0.9999
DL = 0.06681
BEC = 0.009272

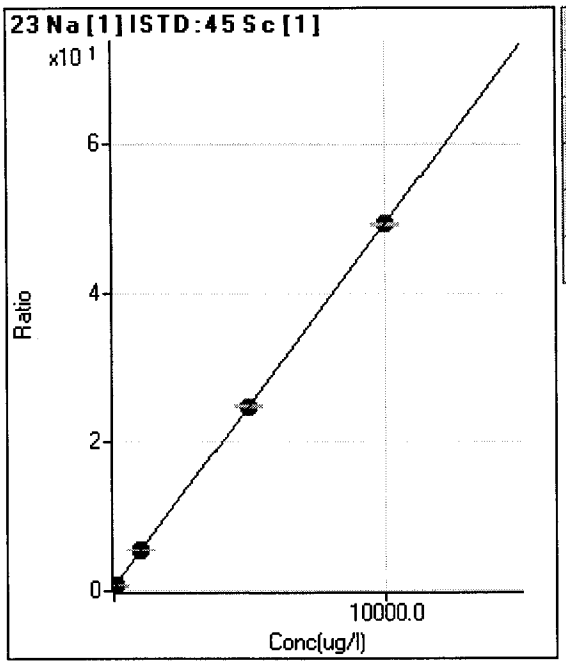
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.189	30.00	0.0026	P	29.3
2	☐	20.000	21.628	502.25	0.0421	P	15.6
3	☐	20.000	21.633	501.14	0.0421	P	6.4
4	☐	100.000	100.529	2191.33	0.1846	P	5.0
5	☐	200.000	196.708	4335.16	0.3584	P	2.9

y = 0.0018 * x + 0.0030
R = 0.9999
DL = 1.288
BEC = 1.655

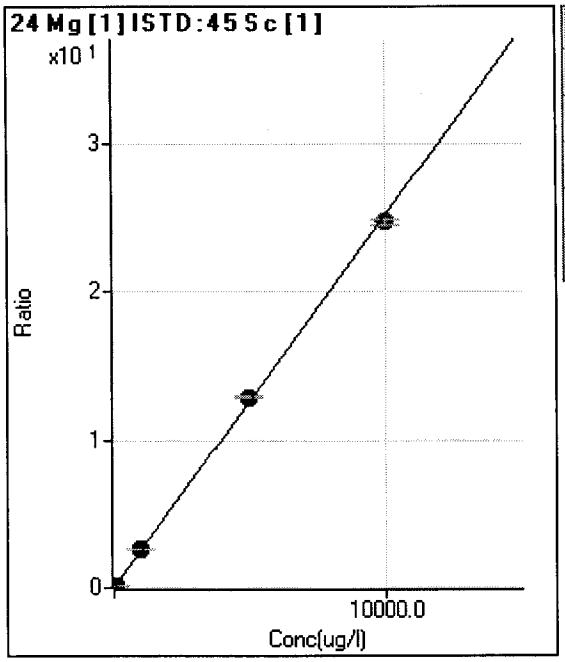
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.799	29005.39	0.5440	P	1.5
2	☐	50.000	50.310	44762.27	0.7927	P	0.1
3	☐	1000.000	1007.066	311803.78	5.4470	P	1.5
4	☐	5000.000	4995.600	1422682.74	24.8500	A	1.3
5	☐	10000.000	9997.877	2828389.51	49.1846	A	0.5

y = 0.0049 * x + 0.5479
R = 1.0000
DL = 5.039
BEC = 112.6

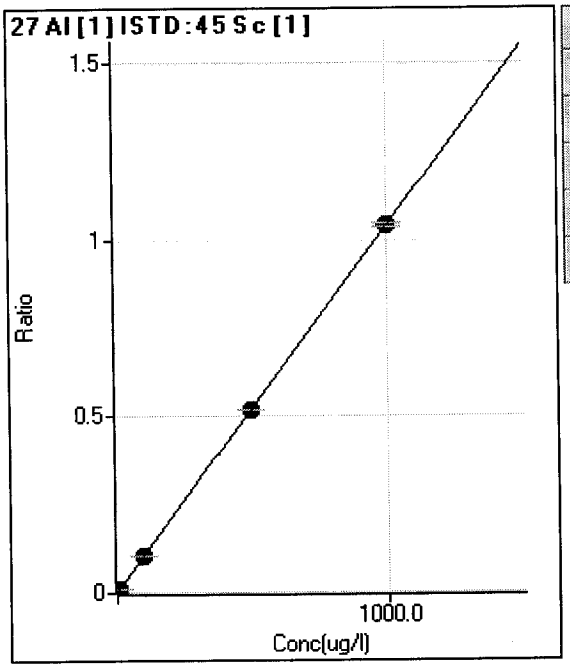
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.174	184.45	0.0035	P	25.3
2	☐	50.000	54.397	7945.56	0.1407	P	3.4
3	☐	1000.000	1041.693	150209.80	2.6242	P	2.3
4	☐	5000.000	5127.717	738634.05	12.9023	P	1.7
5	☐	10000.000	9834.370	1422686.32	24.7416	A	1.6

y = 0.0025 * x + 0.0039
R = 0.9998
DL = 1.044
BEC = 1.548

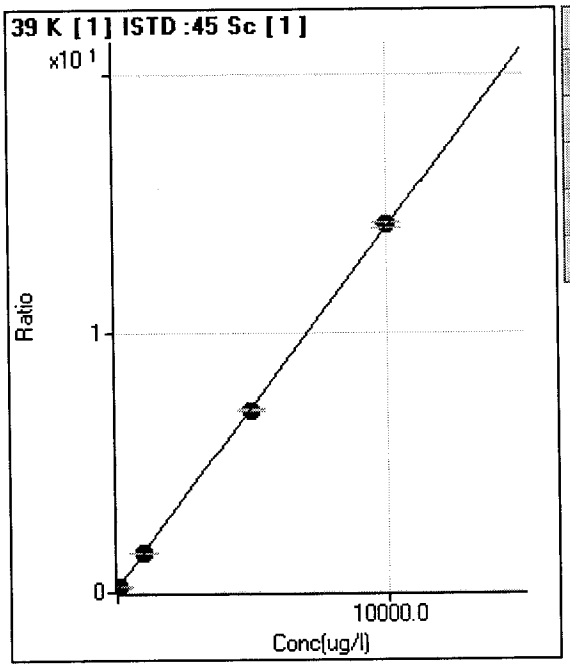
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.013	72.78	0.0014	P	44.8
2	☐	10.000	10.711	763.37	0.0135	P	3.8
3	☐	100.000	100.173	6085.13	0.1063	P	1.6
4	☐	500.000	498.157	29712.48	0.5190	P	0.7
5	☐	1000.000	1002.511	59918.10	1.0420	P	0.9

y = 0.0010 * x + 0.0024
R = 1.0000
DL = 1.766
BEC = 2.326

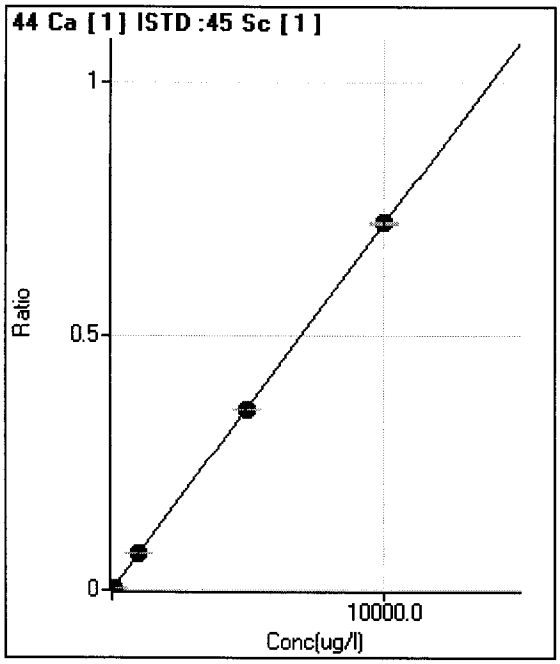
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.138	7959.99	0.1493	P	1.3
2	☐	50.000	49.194	12126.03	0.2147	P	2.0
3	☐	1000.000	990.132	87220.60	1.5237	P	1.1
4	☐	5000.000	4933.333	401253.23	7.0089	P	1.2
5	☐	10000.000	10076.801	814446.54	14.1638	P	1.4

y = 0.0014 * x + 0.1463
R = 0.9999
DL = 4.118
BEC = 105.2

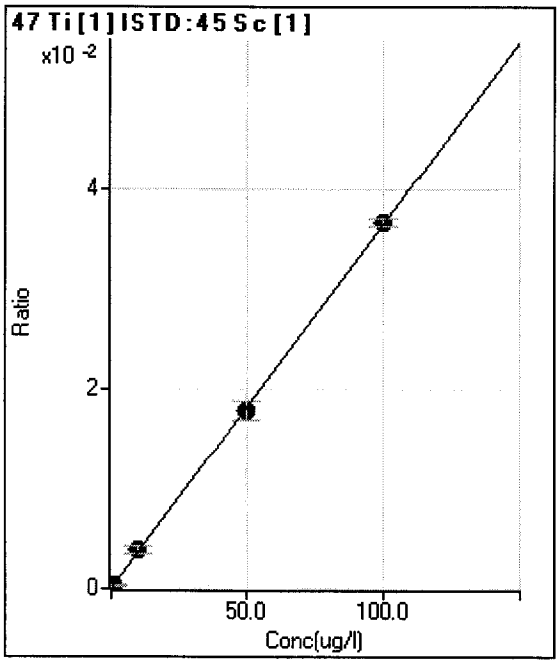
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.487	13.34	0.0002	P	42.9
2	☐	50.000	59.081	255.56	0.0045	P	10.8
3	☐	1000.000	1002.279	4136.16	0.0723	P	1.0
4	☐	5000.000	4946.575	20350.95	0.3555	P	0.5
5	☐	10000.000	10044.709	41491.01	0.7215	P	0.7

y = 7.1803E-005 * x + 2.8465E-004
R = 1.0000
DL = 4.478
BEC = 3.964

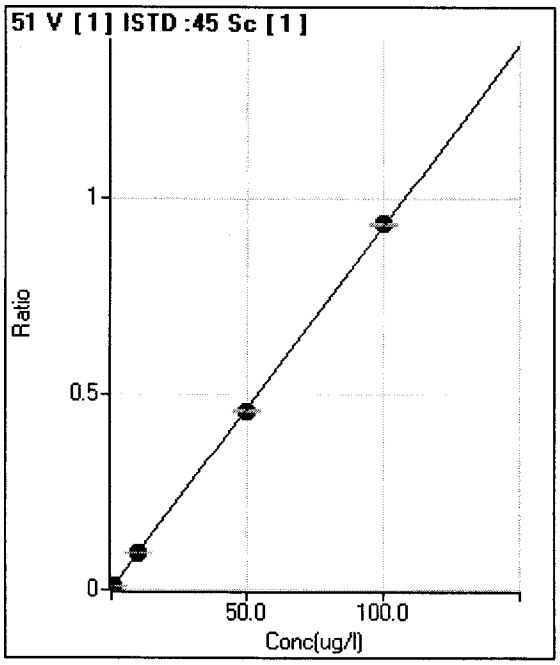
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.034	0.00	0.0000	P	
2	☐	1.000	1.003	20.00	0.0004	P	49.7
3	☐	10.000	10.595	221.12	0.0039	P	18.1
4	☐	50.000	48.856	1021.18	0.0178	P	11.1
5	☐	100.000	100.513	2110.21	0.0367	P	2.2

y = 3.6524E-004 * x - 1.2324E-005
R = 0.9999
DL = 0
BEC = -0.03374

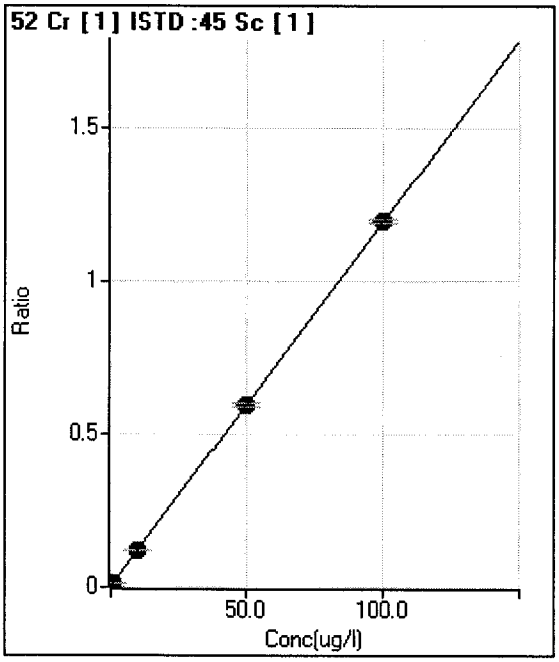
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.013	71.11	0.0013	P	27.4
2	☐	1.000	1.034	622.26	0.0110	P	5.1
3	☐	10.000	10.023	5386.63	0.0941	P	1.0
4	☐	50.000	49.248	26143.23	0.4566	P	0.8
5	☐	100.000	100.770	53646.57	0.9329	P	0.6

y = 0.0092 * x + 0.0015
R = 0.9999
DL = 0.1188
BEC = 0.1579

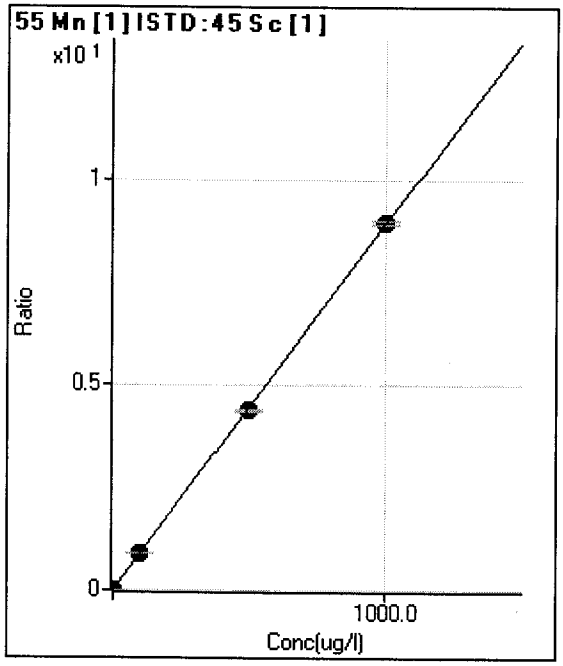
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.036	91.11	0.0017	P	24.7
2	☐	1.000	0.913	684.48	0.0121	P	5.2
3	☐	10.000	10.068	6921.74	0.1209	P	2.0
4	☐	50.000	49.847	33984.87	0.5936	P	1.9
5	☐	100.000	100.200	68543.67	1.1920	P	0.9

y = 0.0119 * x + 0.0013
R = 1.0000
DL = 0.1066
BEC = 0.1075

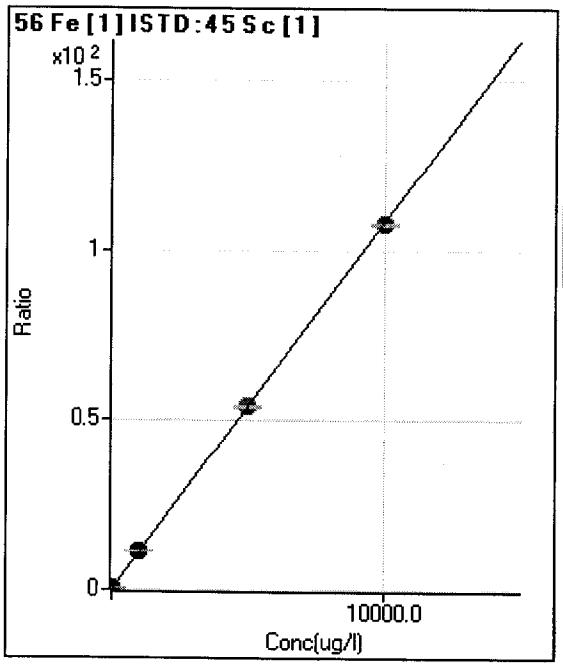
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0004	P	21.0
2	☐	2.000	2.097	1074.52	0.0190	P	6.5
3	☐	100.000	101.994	51996.07	0.9083	P	1.3
4	☐	500.000	493.507	251539.32	4.3937	P	0.9
5	☐	1000.000	1002.226	513074.02	8.9224	P	1.0

y = 0.0089 * x + 3.5828E-004
R = 1.0000
DL = 0.02512
BEC = 0.04025

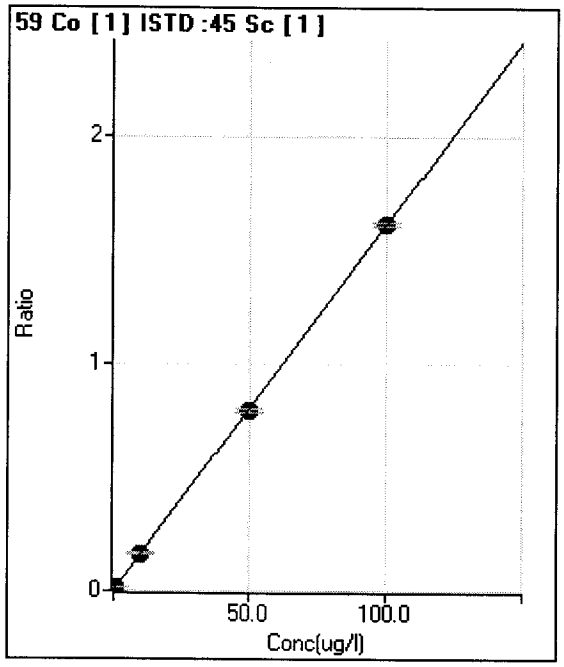
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.597	1697.41	0.0318	P	30.9
2	☐	30.000	35.889	24082.36	0.4265	P	2.9
3	☐	1000.000	1065.093	661774.18	11.5607	P	1.4
4	☐	5000.000	4994.388	3095546.62	54.0687	A	0.9
5	☐	10000.000	9940.554	6186097.62	107.5776	A	0.9

y = 0.0108 * x + 0.0382
R = 1.0000
DL = 2.724
BEC = 3.535

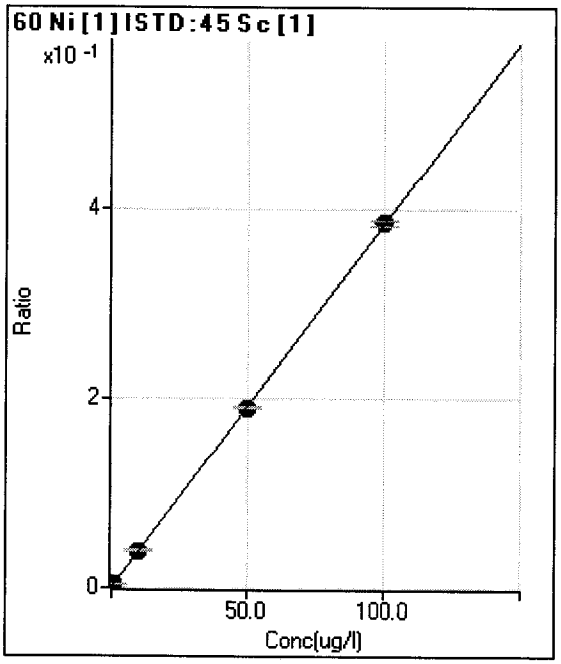
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.001	14.44	0.0003	P	80.4
2	☐	1.000	0.974	900.06	0.0159	P	7.2
3	☐	10.000	10.254	9462.02	0.1653	P	3.6
4	☐	50.000	49.420	45559.78	0.7958	P	2.4
5	☐	100.000	100.084	92664.31	1.6114	P	1.1

y = 0.0161 * x + 2.5938E-004
R = 1.0000
DL = 0.0404
BEC = 0.01611

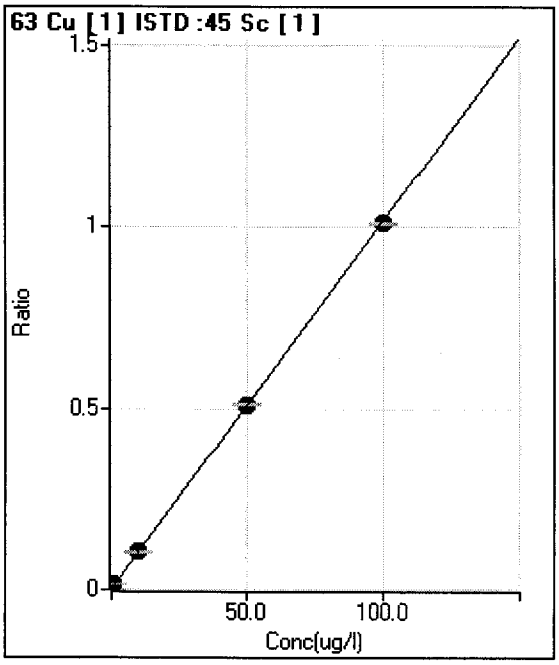
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.012	10.00	0.0002	P	114.8
2	☐	1.000	1.070	244.46	0.0043	P	12.4
3	☐	10.000	10.316	2272.45	0.0397	P	7.2
4	☐	50.000	49.601	10881.88	0.1901	P	1.5
5	☐	100.000	100.458	22123.87	0.3847	P	1.3

y = 0.0038 * x + 2.3087E-004
R = 1.0000
DL = 0.1676
BEC = 0.06032

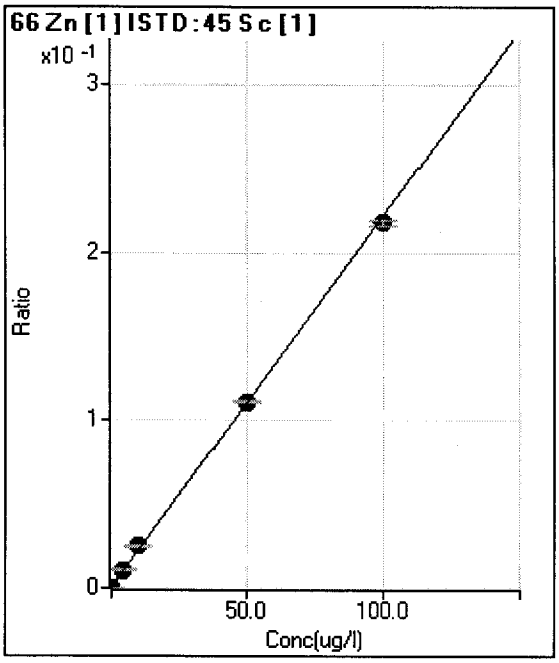
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.032	97.78	0.0018	P	24.7
2	☐	1.000	1.231	826.71	0.0146	P	5.4
3	☐	10.000	10.168	6025.79	0.1053	P	3.0
4	☐	50.000	50.216	29281.30	0.5114	P	0.6
5	☐	100.000	99.466	58133.33	1.0109	P	0.5

y = 0.0101 * x + 0.0022
R = 1.0000
DL = 0.1339
BEC = 0.2122

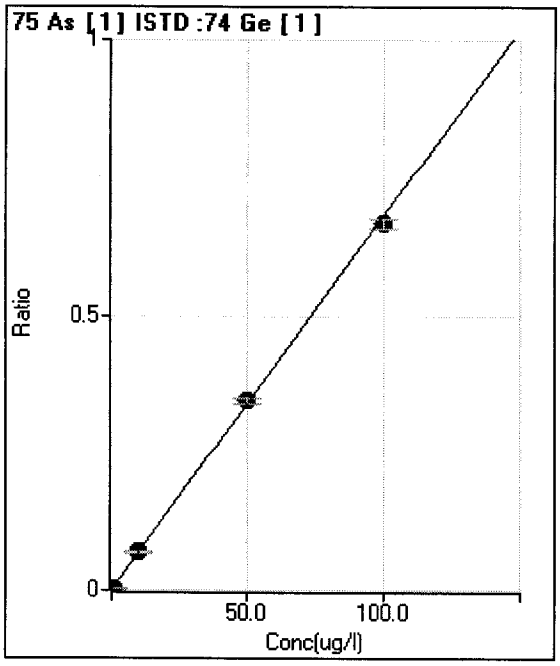
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.021	10.00	0.0002	P	88.0
2	☐	4.000	4.787	611.15	0.0108	P	2.5
3	☐	10.000	11.118	1421.23	0.0248	P	1.3
4	☐	50.000	50.114	6360.39	0.1111	P	1.1
5	☐	100.000	98.276	12515.36	0.2176	P	1.3

y = 0.0022 * x + 2.3296E-004
R = 0.9999
DL = 0.2232
BEC = 0.1053

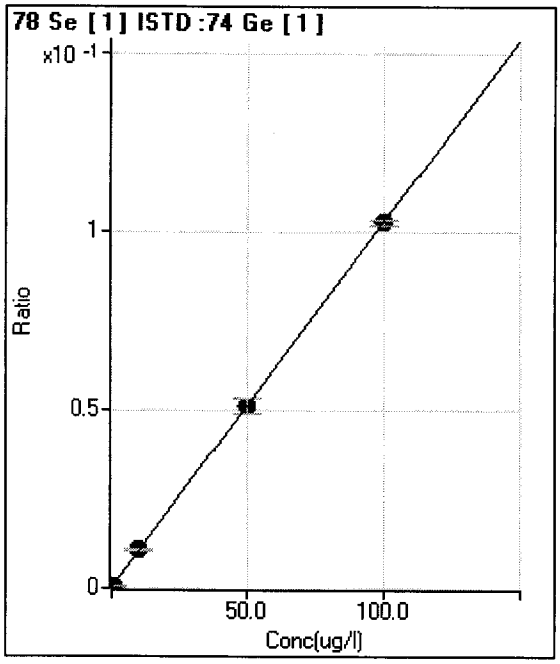
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.027	3.89	0.0006	P	136.8
2	☐	0.500	0.538	32.22	0.0044	P	24.7
3	☐	10.000	10.144	511.13	0.0697	P	5.6
4	☐	50.000	50.658	2511.91	0.3452	P	2.5
5	☐	100.000	97.976	4966.98	0.6669	P	2.9

y = 0.0068 * x + 7.5592E-004
R = 0.9999
DL = 0.3448
BEC = 0.1112

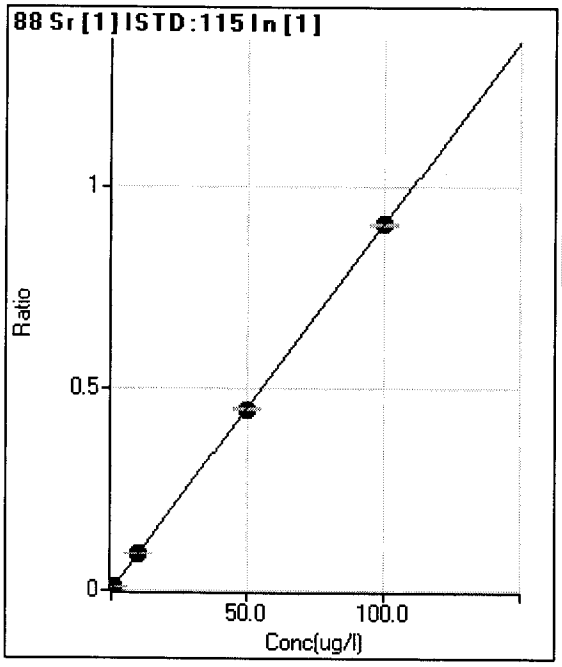
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.010	0.83	0.0001	P	101.3
2	☐	0.500	0.534	5.00	0.0007	P	16.1
3	☐	10.000	10.387	79.17	0.0108	P	6.1
4	☐	50.000	49.690	372.23	0.0511	P	7.8
5	☐	100.000	99.918	764.75	0.1027	P	1.7

y = 0.0010 * x + 1.3459E-004
R = 1.0000
DL = 0.3685
BEC = 0.1311

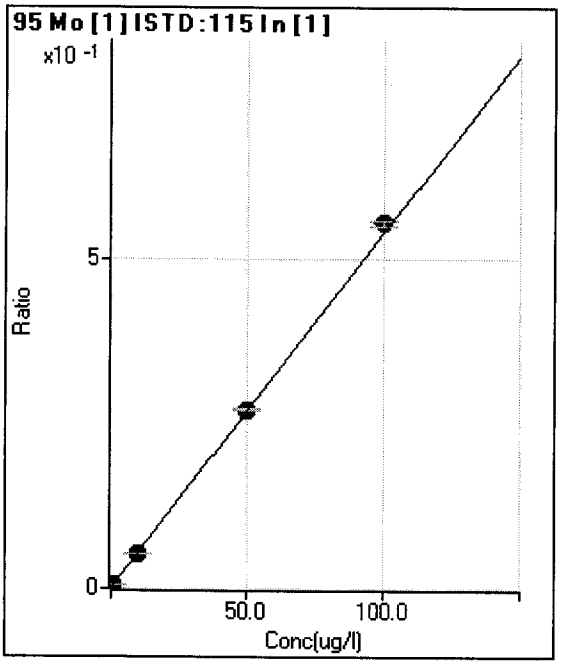
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	1.000	0.971	531.14	0.0088	P	14.3
3	☐	10.000	10.049	5481.16	0.0911	P	1.3
4	☐	50.000	49.524	26508.97	0.4489	P	1.1
5	☐	100.000	100.083	53236.56	0.9072	P	0.4

y = 0.0091 * x + 1.9814E-005
R = 1.0000
DL = 0.01133
BEC = 0.002186

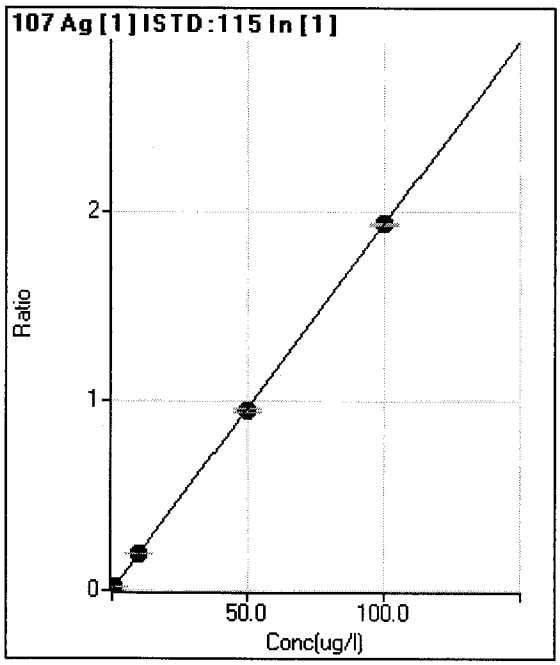
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.037	25.56	0.0005	P	45.7
2	☐	1.000	0.934	318.90	0.0053	P	7.7
3	☐	10.000	9.948	3247.12	0.0540	P	0.6
4	☐	50.000	50.305	16056.64	0.2719	P	1.1
5	☐	100.000	102.867	32612.09	0.5558	P	1.5

y = 0.0054 * x + 2.5289E-004
R = 0.9999
DL = 0.1146
BEC = 0.04683

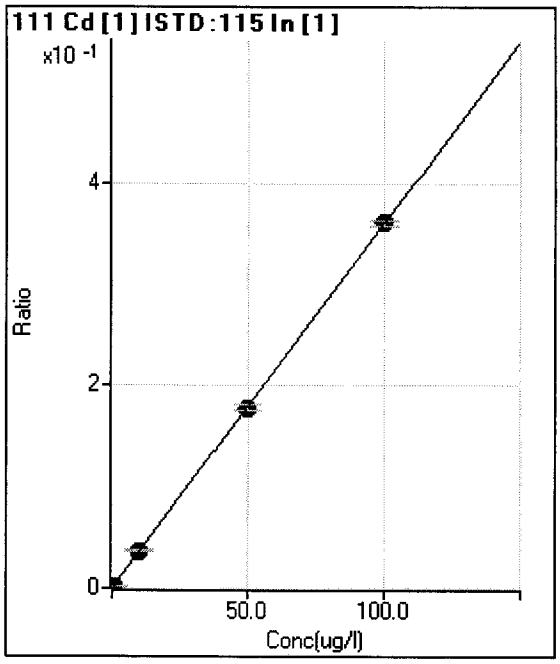
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0001	P	99.5
2	☐	1.000	1.009	1177.87	0.0196	P	9.8
3	☐	10.000	10.145	11804.95	0.1962	P	1.6
4	☐	50.000	49.182	56159.56	0.9510	P	1.7
5	☐	100.000	100.021	113488.92	1.9340	P	0.6

y = 0.0193 * x + 5.9591E-005
R = 1.0000
DL = 0.009065
BEC = 0.003082

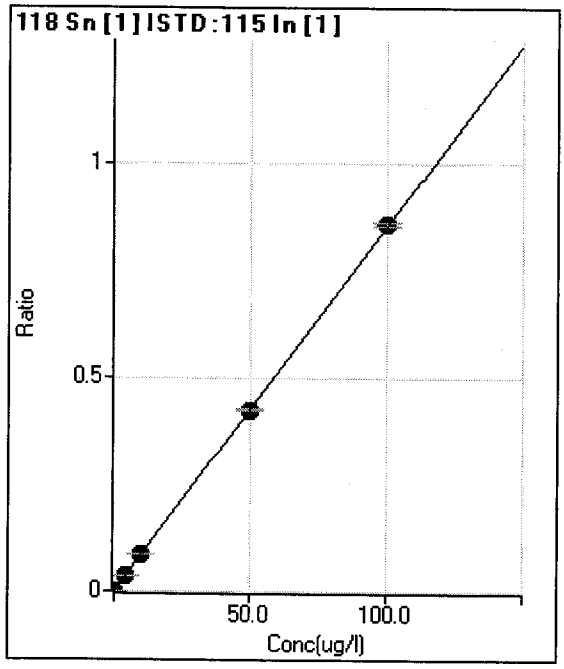
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.001	1.11	0.0000	P	173.2
2	☐	0.500	0.436	95.56	0.0016	P	19.3
3	☐	10.000	10.252	2222.47	0.0369	P	4.1
4	☐	50.000	49.619	10553.96	0.1787	P	3.8
5	☐	100.000	100.211	21178.64	0.3609	P	1.3

y = 0.0036 * x + 1.6991E-005
R = 1.0000
DL = 0.02805
BEC = 0.004718

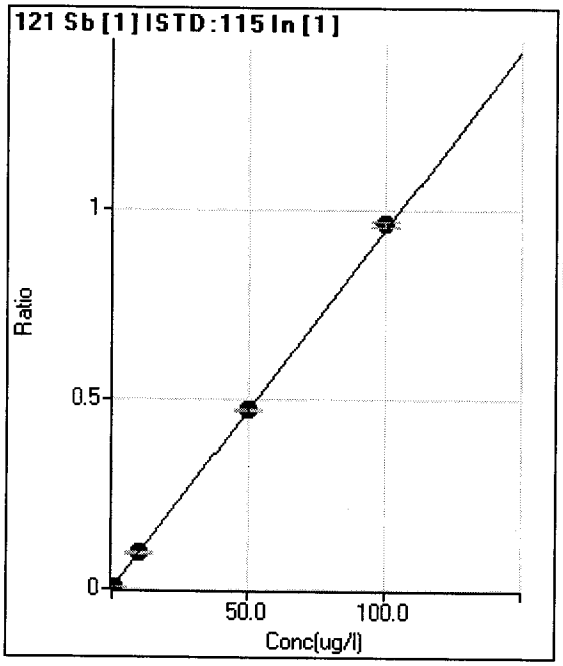
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0005	P	21.6
2	☐	4.000	3.998	2084.66	0.0346	P	0.9
3	☐	10.000	10.082	5209.94	0.0866	P	3.3
4	☐	50.000	49.573	25037.91	0.4240	P	1.2
5	☐	100.000	100.540	50431.39	0.8594	P	0.9

y = 0.0085 * x + 4.6944E-004
R = 1.0000
DL = 0.0357
BEC = 0.05495

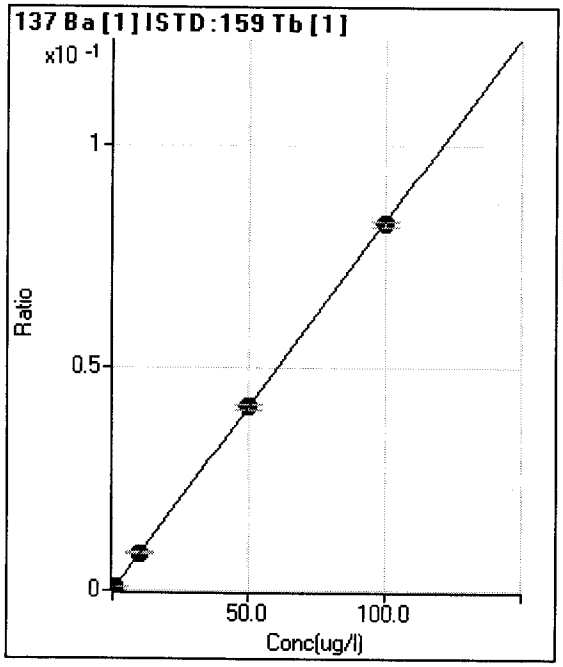
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0004	P	13.5
2	☐	0.500	0.463	287.79	0.0048	P	16.4
3	☐	10.000	10.059	5741.27	0.0954	P	2.8
4	☐	50.000	49.970	27899.72	0.4725	P	0.3
5	☐	100.000	101.837	56473.80	0.9624	P	1.7

y = 0.0094 * x + 4.1027E-004
R = 1.0000
DL = 0.01764
BEC = 0.04343

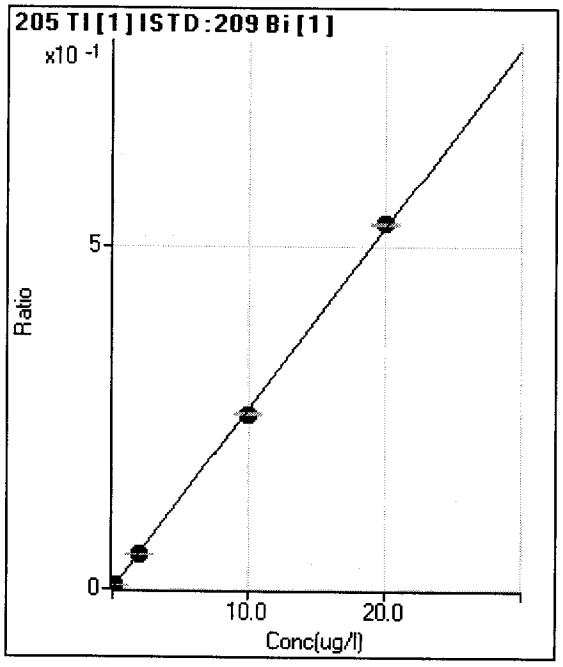
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	1.031	226.68	0.0009	P	18.3
3	☐	10.000	10.185	2191.34	0.0084	P	2.0
4	☐	50.000	49.809	10624.10	0.0412	P	2.4
5	☐	100.000	99.348	21486.01	0.0822	P	1.3

y = 8.2777E-004 * x + 9.1981E-006
R = 1.0000
DL = 0.02779
BEC = 0.01111

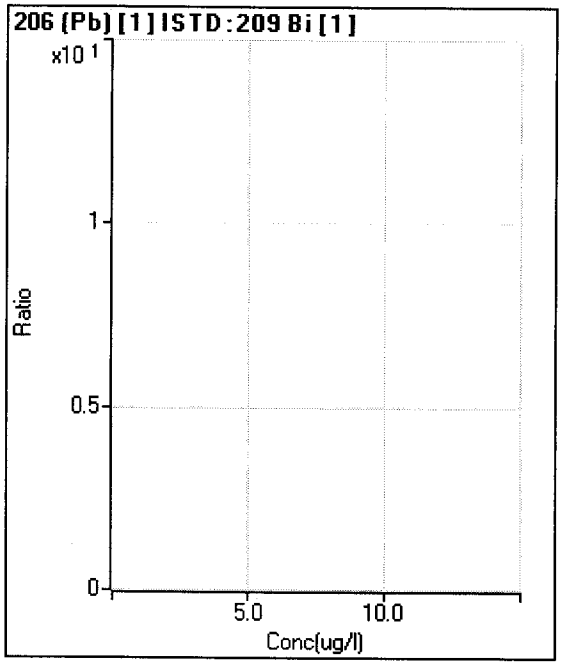
Weight: 1/SD^2
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.001	100.00	0.0004	P	13.2
2	☐	0.200	0.198	1380.12	0.0056	P	2.0
3	☐	2.000	1.931	12604.89	0.0513	P	1.3
4	☐	10.000	9.680	60339.98	0.2554	P	0.8
5	☐	20.000	20.259	125795.09	0.5341	P	0.4

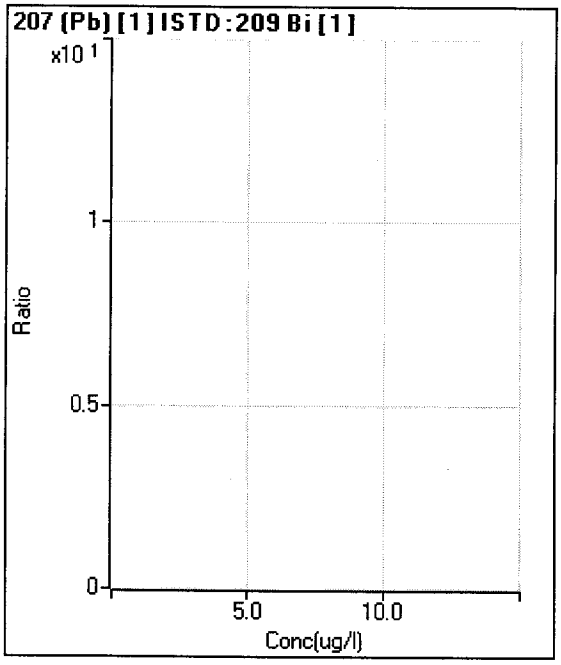
y = 0.0263 * x + 3.9284E-004
R = 0.9998
DL = 0.006382
BEC = 0.01491

Weight: 1/SD^2
Min Conc: <None>



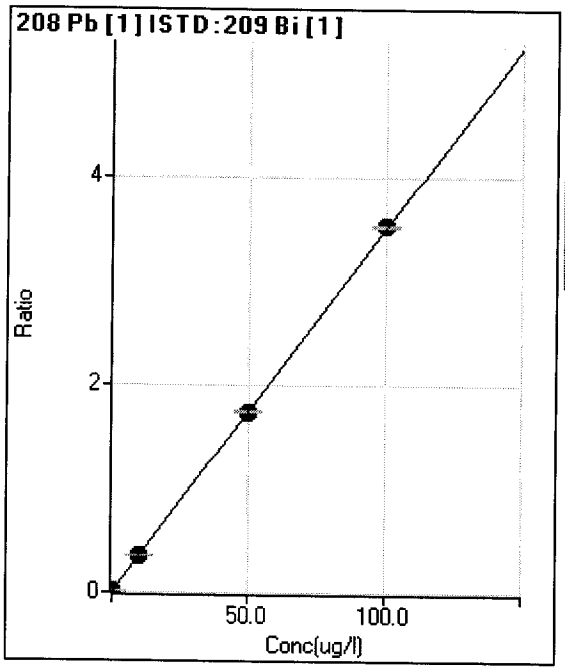
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			20.00	0.0001	P	60.3
2	☐			651.15	0.0026	P	3.2
3	☐			20945.00	0.0852	P	0.5
4	☐			99885.37	0.4229	P	1.3
5	☐			201735.61	0.8566	P	0.4

Excluded



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			26.67	0.0001	P	37.8
2	☐			606.70	0.0025	P	5.7
3	☐			18899.93	0.0769	P	1.0
4	☐			92112.77	0.3899	P	0.9
5	☐			183441.13	0.7789	P	0.1

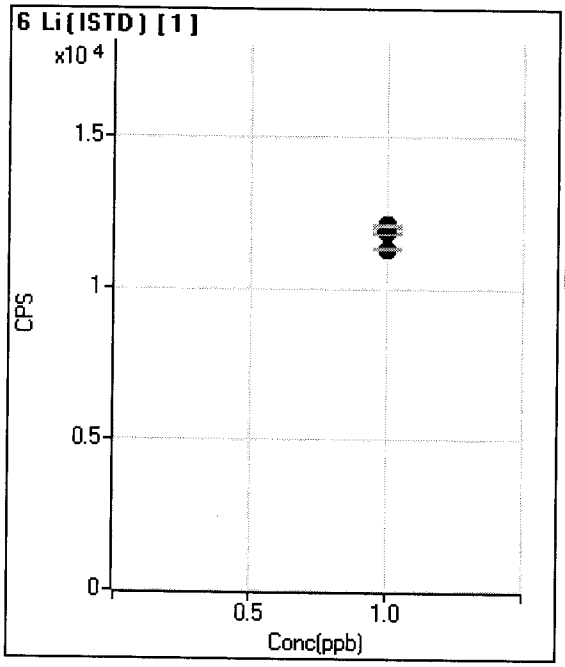
Excluded



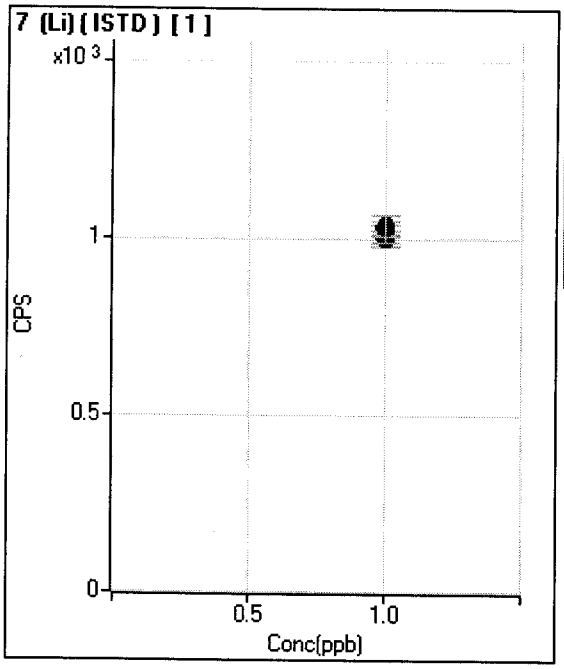
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.90	0.0005	P	26.7
2	☐	0.300	0.308	2769.10	0.0112	P	3.3
3	☐	10.000	9.902	85326.73	0.3470	P	0.5
4	☐	50.000	49.761	411439.54	1.7417	P	1.0
5	☐	100.000	100.783	830681.00	3.5271	P	0.5

y = 0.0350 * x + 4.7663E-004
R = 1.0000
DL = 0.01054
BEC = 0.01362

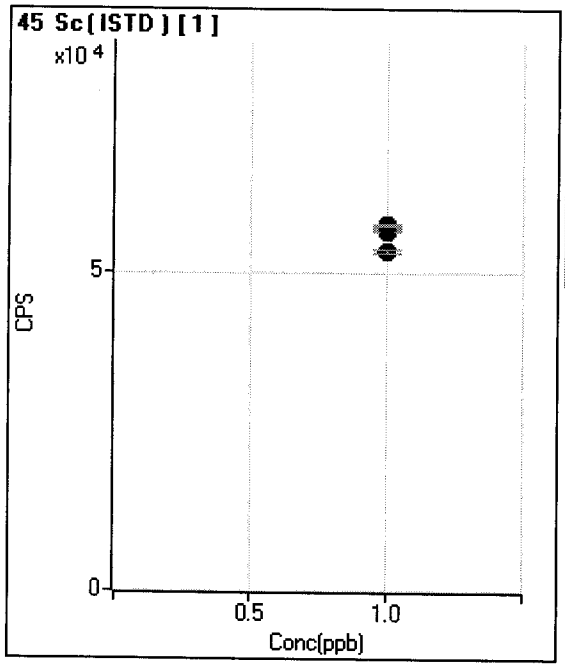
Weight: 1/SD^2
Min Conc: <None>



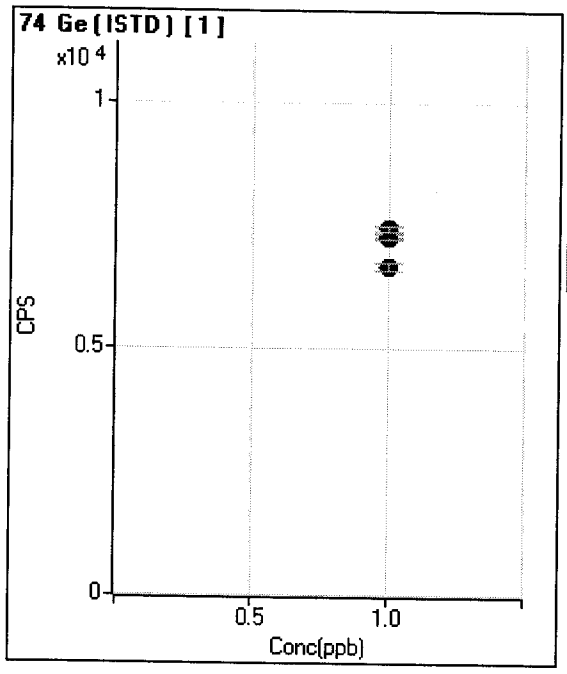
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11317.26		P	0.6
2	☐	1.000		11938.50		P	0.9
3	☐	1.000		11915.58		P	1.0
4	☐	1.000		11875.01		P	1.8
5	☐	1.000		12097.96		P	0.7



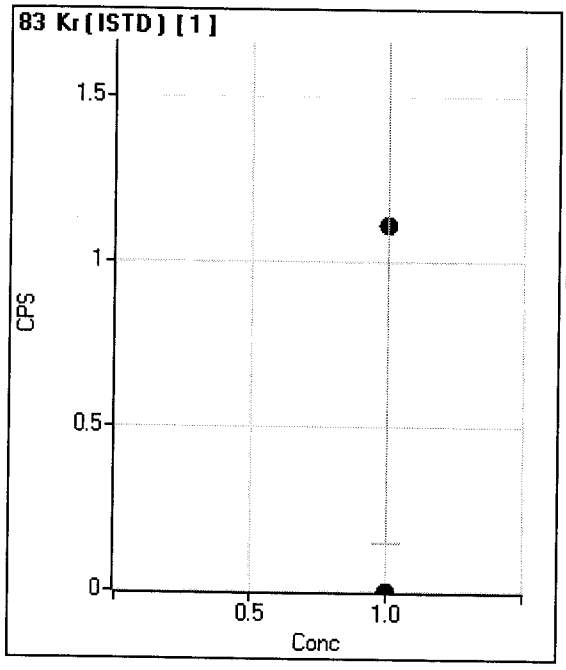
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1009.49		P	5.9
2	☐	1.000		1030.61		P	3.7
3	☐	1.000		1001.16		P	2.1
4	☐	1.000		1038.39		P	2.4
5	☐	1.000		1037.27		P	5.4



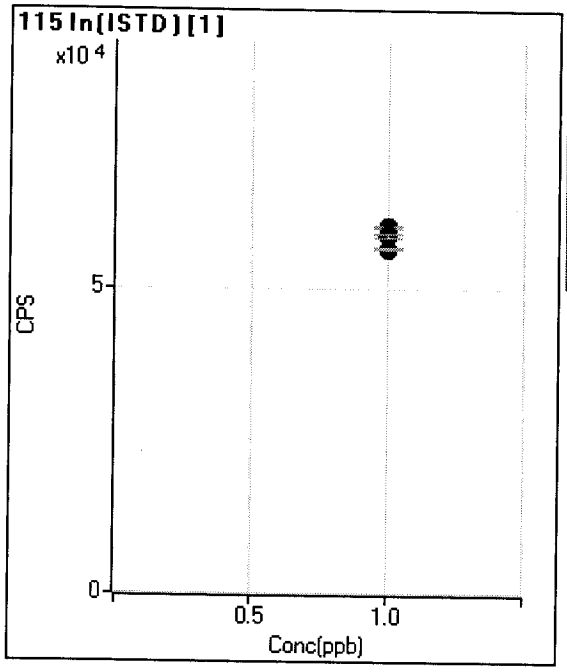
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		53320.31		P	0.9
2	☐	1.000		56471.03		P	0.7
3	☐	1.000		57248.84		P	1.2
4	☐	1.000		57252.19		P	0.7
5	☐	1.000		57506.33		P	0.8



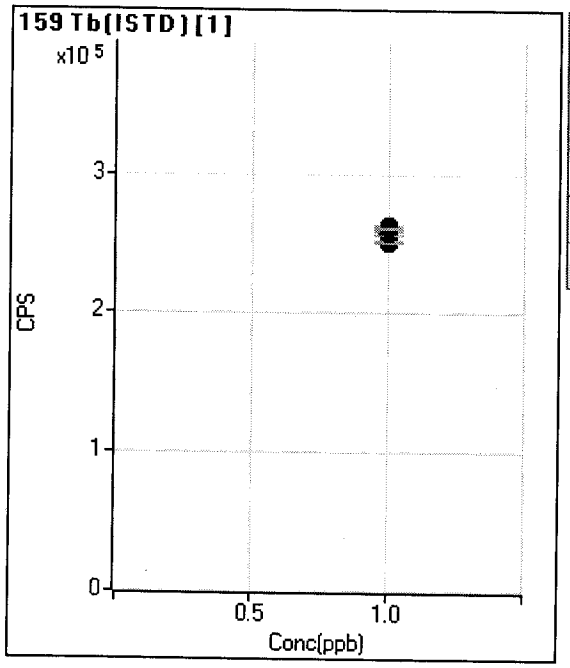
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6665.97		P	2.4
2	☐	1.000		7318.50		P	1.3
3	☐	1.000		7332.38		P	1.4
4	☐	1.000		7277.91		P	1.4
5	☐	1.000		7446.89		P	1.2



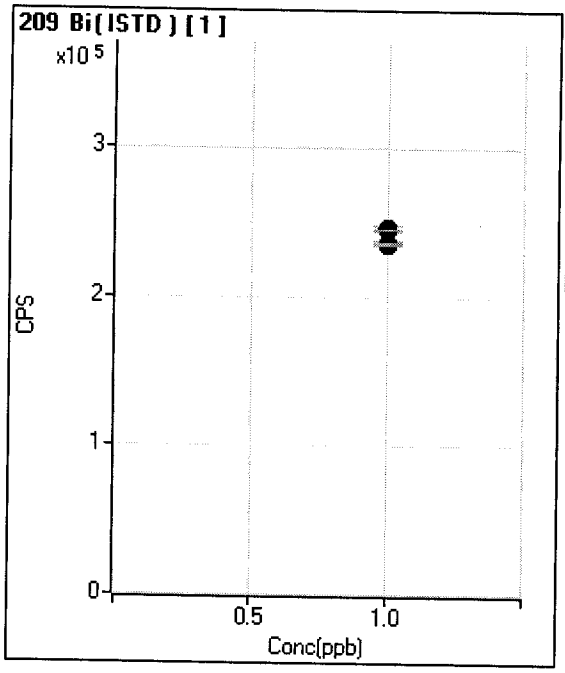
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		0.00		P	
2	☐	1.000		1.11		P	173.2
3	☐	1.000		1.11		P	173.2
4	☐	1.000		0.00		P	
5	☐	1.000		1.11		P	173.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		56586.68		P	0.8
2	☐	1.000		60204.44		P	0.4
3	☐	1.000		60162.21		P	0.4
4	☐	1.000		59051.87		P	0.4
5	☐	1.000		58684.01		P	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		251103.26		P	0.4
2	☐	1.000		262749.81		P	0.7
3	☐	1.000		259658.59		P	1.0
4	☐	1.000		257647.24		P	1.0
5	☐	1.000		261236.07		P	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		236393.46		P	0.6
2	☐	1.000		246395.81		P	1.4
3	☐	1.000		245909.29		P	0.2
4	☐	1.000		236234.52		P	0.9
5	☐	1.000		235512.89		P	0.3

Calibration Blank Report

Sample Name	**Cal Blank**
Data File Name	**003CALB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:24:16-05:00**
Type	**CalBlk**
VialNumber	**1101**
Dilution	**1**
Comment	
Operator	**DE**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Pb	208	209	1	109	26.39
Tl	205	209	1	100	13.33
Ba	137	159	1	2	86.60
Sb	121	115	1	23	14.29
Sn	118	115	1	27	21.65
Cd	111	115	1	1	173.21
Ag	107	115	1	3	100.05
Mo	95	115	1	26	45.82
Sr	88	115	1	1	173.21
As	75	74	1	4	137.71
Zn	66	45	1	10	88.20
Cu	63	45	1	98	25.59
Ni	60	45	1	10	115.51
Co	59	45	1	14	81.07
Fe	56	45	1	1697	31.61
Mn	55	45	1	19	20.36
Cr	52	45	1	91	24.36
V	51	45	1	71	26.66
Ti	47	45	1	0	#DIV/0!
Ca	44	45	1	13	43.29
K	39	45	1	7960	1.27
Al	27	45	1	73	45.47
Mg	24	45	1	184	25.96
Na	23	45	1	29005	0.63
B	11	6	1	30	29.40
Be	9	6	1	1	173.21

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD
Bi	209	1	**236393**	0.56
Tb	159	1	251103	0.35
In	115	1	56587	0.83
Ge	74	1	6666	2.38
Sc	45	1	53320	0.90
Li	6	1	11317	0.63

Calibration Standard Report

Sample Name	**CAL1 2015300**
Data File Name	**004CALS.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:27:56-05:00**
Type	**CalStd**
VialNumber	**1102**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	7	80.98
B	11	6	1	502	15.68
Na	23	45	1	44762	0.66
Mg	24	45	1	7946	2.68
Al	27	45	1	763	3.61
K	39	45	1	12126	1.39
Ca	44	45	1	256	10.48
Ti	47	45	1	20	50.00
V	51	45	1	622	5.29
Cr	52	45	1	684	4.81
Mn	55	45	1	1075	6.39
Fe	56	45	1	24082	2.43
Co	59	45	1	900	6.46
Ni	60	45	1	244	12.60
Cu	63	45	1	827	5.60
Zn	66	45	1	611	2.20
As	75	74	1	32	23.90
Se	78	74	1	5	16.60
Sr	88	115	1	531	14.62
Mo	95	115	1	319	7.91
Ag	107	115	1	1178	9.97
Cd	111	115	1	96	19.21
Sn	118	115	1	2085	1.03
Sb	121	115	1	288	16.23
Ba	137	159	1	227	18.07
Tl	205	209	1	1380	3.35
(Pb)	206	209	1	651	3.41
(Pb)	207	209	1	607	4.29
Pb	208	209	1	2769	1.94

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	11939	0.90	11317	105.5	60	120	
Sc	45	1	56471	0.73	53320	105.9	60	120	
Ge	74	1	7318	1.33	6666	109.8	60	120	
In	115	1	60204	0.35	56587	106.4	60	120	
Tb	159	1	262750	0.69	251103	104.6	60	120	
Bi	209	1	246396	1.43	236393	104.2	60	120	

TuneStep	TuneFile
1	helium.u

Calibration Standard Report

Sample Name	**CAL2 2015302**
Data File Name	**005CALS.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:31:35-05:00**
Type	**CalStd**
VialNumber	**1103**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	488	6.27
B	11	6	1	501	5.33
Na	23	45	1	311804	0.74
Mg	24	45	1	150210	1.40
Al	27	45	1	6085	2.15
K	39	45	1	87221	0.44
Ca	44	45	1	4136	1.12
Ti	47	45	1	221	19.09
V	51	45	1	5387	0.40
Cr	52	45	1	6922	0.88
Mn	55	45	1	51996	0.24
Fe	56	45	1	661774	0.63
Co	59	45	1	9462	2.59
Ni	60	45	1	2272	6.02
Cu	63	45	1	6026	2.32
Zn	66	45	1	1421	0.36
As	75	74	1	511	5.10
Se	78	74	1	79	6.32
Sr	88	115	1	5481	1.52
Mo	95	115	1	3247	0.47
Ag	107	115	1	11805	1.72
Cd	111	115	1	2222	4.20
Sn	118	115	1	5210	2.99
Sb	121	115	1	5741	2.72
Ba	137	159	1	2191	1.29
Tl	205	209	1	12605	1.34
(Pb)	206	209	1	20945	0.34
(Pb)	207	209	1	18900	0.85
Pb	208	209	1	85327	0.73

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	11916	1.05	11317	105.3	60	120	
Sc	45	1	57249	1.16	53320	107.4	60	120	
Ge	74	1	7332	1.41	6666	110.0	60	120	
In	115	1	60162	0.37	56587	106.3	60	120	
Tb	159	1	259659	0.96	251103	103.4	60	120	
Bi	209	1	245909	0.19	236393	104.0	60	120	

TuneStep	TuneFile
1	helium.u

Calibration Standard Report

Sample Name	**CAL3 2015304**
Data File Name	**006CALS.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:35:14-05:00**
Type	**CalStd**
VialNumber	**1104**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	2313	5.02
B	11	6	1	2191	3.88
Na	23	45	1	1422683	1.14
Mg	24	45	1	738634	1.07
Al	27	45	1	29712	0.52
K	39	45	1	401253	0.53
Ca	44	45	1	20351	0.73
Ti	47	45	1	1021	11.45
V	51	45	1	26143	0.52
Cr	52	45	1	33985	1.44
Mn	55	45	1	251539	0.63
Fe	56	45	1	3095547	1.04
Co	59	45	1	45560	2.17
Ni	60	45	1	10882	1.09
Cu	63	45	1	29281	1.14
Zn	66	45	1	6360	0.92
As	75	74	1	2512	2.33
Se	78	74	1	372	7.96
Sr	88	115	1	26509	1.01
Mo	95	115	1	16057	0.74
Ag	107	115	1	56160	2.00
Cd	111	115	1	10554	3.97
Sn	118	115	1	25038	1.43
Sb	121	115	1	27900	0.34
Ba	137	159	1	10624	1.82
Tl	205	209	1	60340	1.13
(Pb)	206	209	1	99885	0.41
(Pb)	207	209	1	92113	1.04
Pb	208	209	1	411440	0.56

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	11875	1.80	11317	104.9	60	120	
Sc	45	1	57252	0.67	53320	107.4	60	120	
Ge	74	1	7278	1.45	6666	109.2	60	120	
In	115	1	59052	0.35	56587	104.4	60	120	
Tb	159	1	257647	1.02	251103	102.6	60	120	
Bi	209	1	236235	0.90	236393	99.9	60	120	

TuneStep	TuneFile
1	helium.u

Calibration Standard Report

Sample Name	**CAL4 2015306**
Data File Name	**007CALS.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:38:51-05:00**
Type	**CalStd**
VialNumber	**1105**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	CPS	%RSD
Be	9	6	1	4611	1.91
B	11	6	1	4335	2.24
Na	23	45	1	2828390	0.74
Mg	24	45	1	1422686	0.93
Al	27	45	1	59918	0.25
K	39	45	1	814447	0.53
Ca	44	45	1	41491	0.44
Ti	47	45	1	2110	1.52
V	51	45	1	53647	1.39
Cr	52	45	1	68544	0.14
Mn	55	45	1	513074	0.66
Fe	56	45	1	6186098	0.14
Co	59	45	1	92664	1.23
Ni	60	45	1	22124	1.00
Cu	63	45	1	58133	0.46
Zn	66	45	1	12515	0.87
As	75	74	1	4967	3.78
Se	78	74	1	765	1.34
Sr	88	115	1	53237	0.53
Mo	95	115	1	32612	0.83
Ag	107	115	1	113489	0.50
Cd	111	115	1	21179	0.54
Sn	118	115	1	50431	0.45
Sb	121	115	1	56474	0.82
Ba	137	159	1	21486	1.47
Tl	205	209	1	125795	0.30
(Pb)	206	209	1	201736	0.29
(Pb)	207	209	1	183441	0.30
Pb	208	209	1	830681	0.63

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Li	6	1	12098	0.69	11317	106.9	60	120	
Sc	45	1	57506	0.83	53320	107.9	60	120	
Ge	74	1	7447	1.24	6666	111.7	60	120	
In	115	1	58684	0.92	56587	103.7	60	120	
Tb	159	1	261236	0.62	251103	104.0	60	120	
Bi	209	1	235513	0.29	236393	99.6	60	120	

TuneStep	TuneFile
1	helium.u

Initial Calibration Verification (ICV) - US EPA Method 6020

Sample Name	**ICV 2007499**
Data File Name	**008_ICV.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:42:26-05:00**
Type	**6-ICV**
VialNumber	**1201**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	Units	ExpectedValue	%Recovery	%QC Low	%QC High	QC Flag
Pb	208	209	1	38.95	ug/l	40	97.4	90	110	
Tl	205	209	1	7.70	ug/l	8	96.3	90	110	
Ba	137	159	1	39.76	ug/l	40	99.4	90	110	
Sb	121	115	1	38.39	ug/l	40	96.0	90	110	
Sn	118	115	1	39.10	ug/l	40	97.7	90	110	
Cd	111	115	1	38.86	ug/l	40	97.2	90	110	
Ag	107	115	1	39.24	ug/l	40	98.1	90	110	
Mo	95	115	1	38.43	ug/l	40	96.1	90	110	
Sr	88	115	1	38.42	ug/l	40	96.0	90	110	
Se	78	74	1	36.75	ug/l	40	91.9	90	110	
As	75	74	1	37.73	ug/l	40	94.3	90	110	
Zn	66	45	1	40.99	ug/l	40	102.5	90	110	
Cu	63	45	1	39.63	ug/l	40	99.1	90	110	
Ni	60	45	1	39.78	ug/l	40	99.5	90	110	
Co	59	45	1	39.44	ug/l	40	98.6	90	110	
Fe	56	45	1	4062.31	ug/l	4000	101.6	90	110	
Mn	55	45	1	398.29	ug/l	400	99.6	90	110	
Cr	52	45	1	40.14	ug/l	40	100.3	90	110	
V	51	45	1	40.04	ug/l	40	100.1	90	110	
Ti	47	45	1	42.02	ug/l	40	105.1	90	110	
Ca	44	45	1	3898.32	ug/l	4000	97.5	90	110	
K	39	45	1	3936.90	ug/l	4000	98.4	90	110	
Al	27	45	1	395.95	ug/l	400	99.0	90	110	
Mg	24	45	1	4075.98	ug/l	4000	101.9	90	110	
Na	23	45	1	3931.36	ug/l	4000	98.3	90	110	
B	11	6	1	83.56	ug/l	80	104.5	90	110	
Be	9	6	1	37.64	ug/l	40	94.1	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	246173	0.88	236393	104.1	60	120	
Tb	159	1	263880	0.60	251103	105.1	60	120	
In	115	1	61213	0.82	56587	108.2	60	120	
Ge	74	1	7526	1.93	6666	112.9	60	120	
Sc	45	1	58768	0.51	53320	110.2	60	120	
Li	6	1	12028	1.43	11317	106.3	60	120	

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**ICB**
Data File Name	**0096CCB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:46:03-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.00	739.20	ug/l	0.56	173.21	0.2	
B	11	6	1	2.83	37.29	ug/l	95.56	24.50	20	
Na	23	45	1	-6.49	-15.39	ug/l	29092.28	1.08	50	
Mg	24	45	1	-0.24	-118.21	ug/l	185.56	21.43	50	
Al	27	45	1	-1.70	-7.20	ug/l	36.67	19.81	10	
K	39	45	1	1.68	79.59	ug/l	8375.76	0.97	50	
Ca	44	45	1	-0.40	-330.40	ug/l	14.44	37.10	50	
Ti	47	45	1	0.09	106.42	ug/l	1.11	173.21	1	
V	51	45	1	0.03	35.69	ug/l	95.56	5.33	1	
Cr	52	45	1	0.05	34.60	ug/l	106.67	10.83	1	
Mn	55	45	1	0.07	37.71	ug/l	55.56	24.24	2	
Fe	56	45	1	-1.12	-23.86	ug/l	1474.56	11.08	30	
Co	59	45	1	0.00	-443.35	ug/l	13.34	43.29	1	
Ni	60	45	1	-0.02	-124.70	ug/l	8.89	57.30	1	
Cu	63	45	1	-0.01	-426.30	ug/l	117.78	12.76	1	
Zn	66	45	1	0.04	108.75	ug/l	17.78	28.64	4	
As	75	74	1	-0.03	-225.40	ug/l	3.89	89.22	0.5	
Se	78	74	1	0.06	402.48	ug/l	1.39	125.00	0.5	
Sr	88	115	1	0.01	116.63	ug/l	7.78	99.04	1	
Mo	95	115	1	0.04	117.69	ug/l	27.78	54.11	1	
Ag	107	115	1	0.01	16.50	ug/l	15.56	12.40	1	
Cd	111	115	1	0.01	248.37	ug/l	3.33	173.21	0.5	
Sn	118	115	1	0.15	29.41	ug/l	102.23	21.22	4	
Sb	121	115	1	0.14	25.04	ug/l	100.00	18.56	0.5	
Ba	137	159	1	0.02	156.35	ug/l	6.67	99.98	1	
Tl	205	209	1	0.07	11.13	ug/l	525.59	8.89	0.2	
Pb	208	209	1	0.01	18.76	ug/l	198.90	7.92	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11776	1.72	11317	104.1	60	120	
Sc	45	1	56343	0.41	53320	105.7	60	120	
Ge	74	1	7143	1.10	6666	107.2	60	120	
In	115	1	59095	0.45	56587	104.4	60	120	
Tb	159	1	259661	0.70	251103	103.4	60	120	
Bi	209	1	242489	0.24	236393	102.6	60	120	

TuneStep	TuneFile
1	helium.u

Quality Control Sample (QCS) - US EPA Method 200.8

Sample Name	**CRI 2015300**
Data File Name	**010QCSR.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:49:41-05:00**
Type	**2-QCS**
VialNumber	**1102**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	Units	ExpectedValue	%Recovery	%QC Low	%QC High	QC Flag
Pb	208	209	1	0.31	ug/l	0.3	104.8	50	150	
Tl	205	209	1	0.22	ug/l	0.2	111.0	50	150	
Ba	137	159	1	1.01	ug/l	1	101.0	50	150	
Sb	121	115	1	0.54	ug/l	0.5	108.8	50	150	
Sn	118	115	1	4.02	ug/l	4	100.5	50	150	
Cd	111	115	1	0.54	ug/l	0.5	107.8	50	150	
Ag	107	115	1	1.07	ug/l	1	107.0	50	150	
Mo	95	115	1	0.96	ug/l	1	96.1	50	150	
Sr	88	115	1	1.07	ug/l	1	107.4	50	150	
Se	78	74	1	0.55	ug/l	0.5	109.4	50	150	
As	75	74	1	0.43	ug/l	0.5	85.3	50	150	
Zn	66	45	1	4.87	ug/l	4	121.7	50	150	
Cu	63	45	1	1.05	ug/l	1	104.6	50	150	
Ni	60	45	1	0.98	ug/l	1	98.5	50	150	
Co	59	45	1	0.98	ug/l	1	98.0	50	150	
Fe	56	45	1	33.95	ug/l	30	113.2	50	150	
Mn	55	45	1	2.04	ug/l	2	102.2	50	150	
Cr	52	45	1	1.07	ug/l	1	107.1	50	150	
V	51	45	1	0.84	ug/l	1	83.9	50	150	
Tl	47	45	1	1.65	ug/l	1	164.5	50	150	2-QCS Main Failed
Ca	44	45	1	59.72	ug/l	50	119.4	50	150	
K	39	45	1	52.93	ug/l	50	105.9	50	150	
Al	27	45	1	10.51	ug/l	10	105.1	50	150	
Mg	24	45	1	54.26	ug/l	50	108.5	50	150	
Na	23	45	1	43.57	ug/l	50	87.1	50	150	
B	11	6	1	20.08	ug/l	20	100.4	50	150	
Be	9	6	1	0.23	ug/l	0.2	115.0	50	150	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limiy	Upper Limit	QC Flag
Bi	209	1	247898	0.96	236393	104.9	60	120	
Tb	159	1	264317	0.62	251103	105.3	60	120	
In	115	1	61261	0.68	56587	108.3	60	120	
Ge	74	1	7602	2.31	6666	114.0	60	120	
Sc	45	1	58584	0.90	53320	109.9	60	120	
Li	6	1	12121	1.53	11317	107.1	60	120	

Sample Report

Sample Name	**ICSA 2015320**
Data File Name	**011SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:53:19-05:00**
Type	**Sample**
VialNumber	**1202**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.20	0.20	ug/l	3600	
Tl	205	209	1	0.03	0.03	ug/l	720	
Ba	137	159	1	0.24	0.24	ug/l	3600	
Sb	121	115	1	0.35	0.35	ug/l	3600	
Sn	118	115	1	0.20	0.20	ug/l	3600	
Cd	111	115	1	0.83	0.83	ug/l	3600	
Ag	107	115	1	0.10	0.10	ug/l	180	
Mo	95	115	1	1082.97	1082.97	ug/l	1800	
Sr	88	115	1	0.55	0.55	ug/l	900	
Se	78	74	1	0.07	0.07	ug/l	3600	
As	75	74	1	-0.03	-0.03	ug/l	3600	
Zn	66	45	1	1.93	1.93	ug/l	900	
Cu	63	45	1	0.44	0.44	ug/l	900	
Ni	60	45	1	0.85	0.85	ug/l	900	
Co	59	45	1	0.03	0.03	ug/l	1800	
Fe	56	45	1	122313.41	122313.41	ug/l	360000	
Mn	55	45	1	0.74	0.74	ug/l	36000	
Cr	52	45	1	1.42	1.42	ug/l	3600	
V	51	45	1	0.25	0.25	ug/l	3600	
Ti	47	45	1	1083.50	1083.50	ug/l	3600	
Ca	44	45	1	155492.71	155492.71	ug/l	360000	
K	39	45	1	49891.41	49891.41	ug/l	360000	
Al	27	45	1	46644.81	46644.81	ug/l	36000	fail
Mg	24	45	1	47436.47	47436.47	ug/l	90000	
Na	23	45	1	120777.57	120777.57	ug/l	90000	fail
B	11	6	1	1.25	1.25	ug/l	7200	
Be	9	6	1	0.00	0.00	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	210169	0.75	236393	88.9	60	120	
Tb	159	1	255196	0.07	251103	101.6	60	120	
In	115	1	56031	1.30	56587	99.0	60	120	
Ge	74	1	6719	0.97	6666	100.8	60	120	
Sc	45	1	56401	1.01	53320	105.8	60	120	
Li	6	1	10992	1.04	11317	97.1	60	120	

Sample Report

Sample Name	**ICSAB 20153~~418~~ 22** VD 3-1-13
Data File Name	**012SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T03:56:53-05:00**
Type	**Sample**
VialNumber	**1203**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.22	0.22	ug/l	3600	
Tl	205	209	1	0.02	0.02	ug/l	720	
Ba	137	159	1	0.18	0.18	ug/l	3600	
Sb	121	115	1	0.36	0.36	ug/l	3600	
Sn	118	115	1	0.18	0.18	ug/l	3600	
Cd	111	115	1	97.61	97.61	ug/l	3600	
Ag	107	115	1	189.82	189.82	ug/l	180	fail
Mo	95	115	1	1116.09	1116.09	ug/l	1800	
Sr	88	115	1	0.68	0.68	ug/l	900	
Se	78	74	1	97.66	97.66	ug/l	3600	
As	75	74	1	106.05	106.05	ug/l	3600	
Zn	66	45	1	86.37	86.37	ug/l	900	
Cu	63	45	1	186.66	186.66	ug/l	900	
Ni	60	45	1	192.29	192.29	ug/l	900	
Co	59	45	1	200.23	200.23	ug/l	1800	
Fe	56	45	1	125759.79	125759.79	ug/l	360000	
Mn	55	45	1	205.47	205.47	ug/l	36000	
Cr	52	45	1	204.35	204.35	ug/l	3600	
V	51	45	1	211.69	211.69	ug/l	3600	
Ti	47	45	1	1093.30	1093.30	ug/l	3600	
Ca	44	45	1	159352.87	159352.87	ug/l	360000	
K	39	45	1	51251.85	51251.85	ug/l	360000	
Al	27	45	1	47938.34	47938.34	ug/l	36000	fail
Mg	24	45	1	49145.10	49145.10	ug/l	90000	
Na	23	45	1	124248.54	124248.54	ug/l	90000	fail
B	11	6	1	1.35	1.35	ug/l	7200	
Be	9	6	1	-0.01	-0.01	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	209036	1.37	236393	88.4	60	120	
Tb	159	1	251972	0.65	251103	100.3	60	120	
In	115	1	55157	0.61	56587	97.5	60	120	
Ge	74	1	6670	1.85	6666	100.1	60	120	
Sc	45	1	55595	0.07	53320	104.3	60	120	
Li	6	1	10875	2.36	11317	96.1	60	120	

Sample Report

Sample Name	**Rn chk**
Data File Name	**013SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:00:28-05:00**
Type	**Sample**
VialNumber	**1**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.05	0.05	ug/l	3600	
Tl	205	209	1	0.01	0.01	ug/l	720	
Ba	137	159	1	0.04	0.04	ug/l	3600	
Sb	121	115	1	0.04	0.04	ug/l	3600	
Sn	118	115	1	0.05	0.05	ug/l	3600	
Cd	111	115	1	0.03	0.03	ug/l	3600	
Ag	107	115	1	0.03	0.03	ug/l	180	
Mo	95	115	1	0.99	0.99	ug/l	1800	
Sr	88	115	1	0.05	0.05	ug/l	900	
Se	78	74	1	0.03	0.03	ug/l	3600	
As	75	74	1	0.00	0.00	ug/l	3600	
Zn	66	45	1	0.13	0.13	ug/l	900	
Cu	63	45	1	0.19	0.19	ug/l	900	
Ni	60	45	1	-0.01	-0.01	ug/l	900	
Co	59	45	1	0.02	0.02	ug/l	1800	
Fe	56	45	1	22.64	22.64	ug/l	360000	
Mn	55	45	1	0.21	0.21	ug/l	36000	
Cr	52	45	1	0.11	0.11	ug/l	3600	
V	51	45	1	0.00	0.00	ug/l	3600	
Ti	47	45	1	0.31	0.31	ug/l	3600	
Ca	44	45	1	22.89	22.89	ug/l	360000	
K	39	45	1	9.97	9.97	ug/l	360000	
Al	27	45	1	6.77	6.77	ug/l	36000	
Mg	24	45	1	8.89	8.89	ug/l	90000	
Na	23	45	1	25.60	25.60	ug/l	90000	
B	11	6	1	0.99	0.99	ug/l	7200	
Be	9	6	1	0.02	0.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	237724	0.86	236393	100.6	60	120	
Tb	159	1	254103	0.63	251103	101.2	60	120	
In	115	1	58051	1.06	56587	102.6	60	120	
Ge	74	1	6907	0.94	6666	103.6	60	120	
Sc	45	1	54160	0.04	53320	101.6	60	120	
Li	6	1	11145	0.50	11317	98.5	60	120	

Sample Report

Sample Name	**Rn chk**
Data File Name	**014SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:04:06-05:00**
Type	**Sample**
VialNumber	**1**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.04	0.04	ug/l	3600	
Tl	205	209	1	0.01	0.01	ug/l	720	
Ba	137	159	1	0.01	0.01	ug/l	3600	
Sb	121	115	1	0.03	0.03	ug/l	3600	
Sn	118	115	1	0.05	0.05	ug/l	3600	
Cd	111	115	1	0.03	0.03	ug/l	3600	
Ag	107	115	1	0.04	0.04	ug/l	180	
Mo	95	115	1	0.33	0.33	ug/l	1800	
Sr	88	115	1	0.03	0.03	ug/l	900	
Se	78	74	1	0.18	0.18	ug/l	3600	
As	75	74	1	0.00	0.00	ug/l	3600	
Zn	66	45	1	0.04	0.04	ug/l	900	
Cu	63	45	1	0.08	0.08	ug/l	900	
Ni	60	45	1	0.04	0.04	ug/l	900	
Co	59	45	1	0.03	0.03	ug/l	1800	
Fe	56	45	1	16.67	16.67	ug/l	360000	
Mn	55	45	1	0.27	0.27	ug/l	36000	
Cr	52	45	1	0.09	0.09	ug/l	3600	
V	51	45	1	0.02	0.02	ug/l	3600	
Ti	47	45	1	0.31	0.31	ug/l	3600	
Ca	44	45	1	18.66	18.66	ug/l	360000	
K	39	45	1	8.69	8.69	ug/l	360000	
Al	27	45	1	4.47	4.47	ug/l	36000	
Mg	24	45	1	7.17	7.17	ug/l	90000	
Na	23	45	1	16.03	16.03	ug/l	90000	
B	11	6	1	0.89	0.89	ug/l	7200	
Be	9	6	1	0.04	0.04	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	240415	1.62	236393	101.7	60	120	
Tb	159	1	255936	1.44	251103	101.9	60	120	
In	115	1	58341	0.68	56587	103.1	60	120	
Ge	74	1	6893	2.05	6666	103.4	60	120	
Sc	45	1	54046	1.06	53320	101.4	60	120	
Li	6	1	11098	1.21	11317	98.1	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0156CCV.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:07:44-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	50.23	2.95	ug/l	2255.74	3.15	50	100.5	90	110	
B	11	6	1	98.37	2.77	ug/l	2106.88	2.93	100	98.4	90	110	
Na	23	45	1	4958.70	1.12	ug/l	1415118.12	0.84	5000	99.2	90	110	
Mg	24	45	1	5106.68	0.48	ug/l	737056.28	0.21	5000	102.1	90	110	
Al	27	45	1	503.46	0.29	ug/l	30085.85	0.66	500	100.7	90	110	
K	39	45	1	4984.83	0.83	ug/l	406143.46	0.40	5000	99.7	90	110	
Ca	44	45	1	4976.52	2.05	ug/l	20512.23	1.62	5000	99.5	90	110	
Ti	47	45	1	52.65	0.73	ug/l	1102.30	0.35	50	105.3	90	110	
V	51	45	1	50.15	0.92	ug/l	26670.88	1.13	50	100.3	90	110	
Cr	52	45	1	49.86	0.71	ug/l	34059.53	1.14	50	99.7	90	110	
Mn	55	45	1	496.74	0.75	ug/l	253676.82	0.44	500	99.3	90	110	
Fe	56	45	1	5060.19	0.74	ug/l	3142301.72	0.72	5000	101.2	90	110	
Co	59	45	1	49.71	0.65	ug/l	45917.43	0.95	50	99.4	90	110	
Ni	60	45	1	50.04	1.66	ug/l	10998.59	1.57	50	100.1	90	110	
Cu	63	45	1	49.63	0.71	ug/l	28996.16	1.13	50	99.3	90	110	
Zn	66	45	1	50.44	0.53	ug/l	6413.75	0.23	50	100.9	90	110	
As	75	74	1	50.39	2.84	ug/l	2504.13	3.57	50	100.8	90	110	
Se	78	74	1	51.72	7.16	ug/l	388.06	6.35	50	103.4	90	110	
Sr	88	115	1	48.83	2.38	ug/l	26702.52	1.42	50	97.7	90	110	
Mo	95	115	1	50.19	1.25	ug/l	16369.18	1.48	50	100.4	90	110	
Ag	107	115	1	48.96	1.47	ug/l	57125.37	0.49	50	97.9	90	110	
Cd	111	115	1	49.56	1.52	ug/l	10770.80	0.84	50	99.1	90	110	
Sn	118	115	1	48.51	0.88	ug/l	25034.62	0.45	50	97.0	90	110	
Sb	121	115	1	49.94	0.94	ug/l	28488.65	0.40	50	99.9	90	110	
Ba	137	159	1	49.75	1.77	ug/l	10815.34	1.68	50	99.5	90	110	
Tl	205	209	1	9.88	1.15	ug/l	63465.88	0.68	10	98.8	90	110	
Pb	208	209	1	49.86	0.76	ug/l	425000.96	0.22	50	99.7	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11658	0.20	11317	103.0	60	120	
Sc	45	1	57362	0.45	53320	107.6	60	120	
Ge	74	1	7293	0.78	6666	109.4	60	120	
In	115	1	60342	1.10	56587	106.6	60	120	
Tb	159	1	262544	0.30	251103	104.6	60	120	
Bi	209	1	243555	0.55	236393	103.0	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0166CCB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:11:21-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.00	647.28	ug/l	0.56	173.21	0.2	
B	11	6	1	1.23	26.24	ug/l	58.89	11.79	20	
Na	23	45	1	-4.15	-46.47	ug/l	28891.92	1.74	50	
Mg	24	45	1	-0.19	-268.69	ug/l	186.68	38.75	50	
Al	27	45	1	-1.43	-21.59	ug/l	51.11	34.56	10	
K	39	45	1	2.42	154.64	ug/l	8194.60	3.12	50	
Ca	44	45	1	-1.28	-51.37	ug/l	10.55	24.12	50	
Ti	47	45	1	0.09	107.76	ug/l	1.11	173.21	1	
V	51	45	1	0.01	126.79	ug/l	85.56	8.11	1	
Cr	52	45	1	0.04	31.99	ug/l	98.89	9.73	1	
Mn	55	45	1	0.05	19.06	ug/l	45.56	11.18	2	
Fe	56	45	1	-0.60	-108.76	ug/l	1741.81	22.44	30	
Co	59	45	1	0.00	-626.02	ug/l	12.22	103.26	1	
Ni	60	45	1	-0.01	-127.83	ug/l	10.00	33.30	1	
Cu	63	45	1	0.07	73.39	ug/l	154.45	17.58	1	
Zn	66	45	1	0.03	255.01	ug/l	16.67	59.99	4	
As	75	74	1	-0.03	-277.76	ug/l	3.89	107.88	0.5	
Se	78	74	1	-0.02	-718.95	ug/l	0.83	100.20	0.5	
Sr	88	115	1	0.00	-3353.50	ug/l	1.11	173.21	1	
Mo	95	115	1	0.10	32.68	ug/l	46.67	21.43	1	
Ag	107	115	1	0.01	17.33	ug/l	14.44	13.35	1	
Cd	111	115	1	0.01	142.95	ug/l	3.33	100.05	0.5	
Sn	118	115	1	0.14	41.64	ug/l	96.67	30.65	4	
Sb	121	115	1	0.06	46.92	ug/l	56.67	26.96	0.5	
Ba	137	159	1	0.03	77.29	ug/l	8.89	57.30	1	
Tl	205	209	1	0.08	30.84	ug/l	570.03	25.15	0.2	
Pb	208	209	1	0.01	41.21	ug/l	174.45	14.34	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11289	1.39	11317	99.7	60	120	
Sc	45	1	54750	0.37	53320	102.7	60	120	
Ge	74	1	7116	1.31	6666	106.8	60	120	
In	115	1	58753	1.13	56587	103.8	60	120	
Tb	159	1	255668	0.98	251103	101.8	60	120	
Bi	209	1	240244	0.60	236393	101.6	60	120	

TuneStep	TuneFile
1	helium.u

Sample Report

Sample Name	**460-51333-E-1-A@5**
Data File Name	**017SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:15:01-05:00**
Type	**Sample**
VialNumber	**2111**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.05	0.23	ug/l	3600	
Tl	205	209	1	0.02	0.12	ug/l	720	
Ba	137	159	1	12.07	60.36	ug/l	3600	
Sb	121	115	1	0.17	0.83	ug/l	3600	
Sn	118	115	1	0.27	1.36	ug/l	3600	
Cd	111	115	1	0.09	0.43	ug/l	3600	
Ag	107	115	1	0.02	0.10	ug/l	180	
Mo	95	115	1	0.09	0.43	ug/l	1800	
Sr	88	115	1	38.54	192.72	ug/l	900	
Se	78	74	1	0.15	0.75	ug/l	3600	
As	75	74	1	-0.05	-0.25	ug/l	3600	
Zn	66	45	1	3.63	18.13	ug/l	900	
Cu	63	45	1	0.84	4.18	ug/l	900	
Ni	60	45	1	1.38	6.88	ug/l	900	
Co	59	45	1	0.07	0.33	ug/l	1800	
Fe	56	45	1	27.11	135.55	ug/l	360000	
Mn	55	45	1	13.80	69.01	ug/l	36000	
Cr	52	45	1	0.41	2.05	ug/l	3600	
V	51	45	1	0.11	0.57	ug/l	3600	
Ti	47	45	1	0.21	1.06	ug/l	3600	
Ca	44	45	1	2029.69	10148.45	ug/l	360000	
K	39	45	1	1911.85	9559.25	ug/l	360000	
Al	27	45	1	40.05	200.24	ug/l	36000	
Mg	24	45	1	393.47	1967.35	ug/l	90000	
Na	23	45	1	10414.87	52074.36	ug/l	90000	
B	11	6	1	7.86	39.30	ug/l	7200	
Be	9	6	1	0.25	1.25	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	226862	0.55	236393	96.0	60	120	
Tb	159	1	242741	0.52	251103	96.7	60	120	
In	115	1	54465	0.61	56587	96.3	60	120	
Ge	74	1	6630	3.09	6666	99.5	60	120	
Sc	45	1	50746	0.69	53320	95.2	60	120	
Li	6	1	10546	1.80	11317	93.2	60	120	

Sample Report

Sample Name	**460-51333-E-3-A@5**
Data File Name	**018SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:18:39-05:00**
Type	**Sample**
VialNumber	**2112**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.08	0.40	ug/l	3600	
Tl	205	209	1	0.01	0.05	ug/l	720	
Ba	137	159	1	4.77	23.85	ug/l	3600	
Sb	121	115	1	0.11	0.57	ug/l	3600	
Sn	118	115	1	0.17	0.83	ug/l	3600	
Cd	111	115	1	0.03	0.17	ug/l	3600	
Ag	107	115	1	0.01	0.03	ug/l	180	
Mo	95	115	1	0.01	0.05	ug/l	1800	
Sr	88	115	1	9.85	49.23	ug/l	900	
Se	78	74	1	0.07	0.37	ug/l	3600	
As	75	74	1	0.72	3.62	ug/l	3600	
Zn	66	45	1	0.88	4.42	ug/l	900	
Cu	63	45	1	0.28	1.41	ug/l	900	
Ni	60	45	1	0.22	1.10	ug/l	900	
Co	59	45	1	0.02	0.11	ug/l	1800	
Fe	56	45	1	860.53	4302.65	ug/l	360000	
Mn	55	45	1	1.37	6.85	ug/l	36000	
Cr	52	45	1	0.21	1.06	ug/l	3600	
V	51	45	1	0.36	1.81	ug/l	3600	
Ti	47	45	1	0.87	4.37	ug/l	3600	
Ca	44	45	1	2159.18	10795.89	ug/l	360000	
K	39	45	1	588.19	2940.95	ug/l	360000	
Al	27	45	1	14.14	70.71	ug/l	36000	
Mg	24	45	1	313.98	1569.92	ug/l	90000	
Na	23	45	1	2483.74	12418.72	ug/l	90000	
B	11	6	1	6.10	30.49	ug/l	7200	
Be	9	6	1	0.00	0.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	230482	0.92	236393	97.5	60	120	
Tb	159	1	244484	0.32	251103	97.4	60	120	
In	115	1	54916	1.10	56587	97.0	60	120	
Ge	74	1	6673	2.31	6666	100.1	60	120	
Sc	45	1	50781	1.10	53320	95.2	60	120	
Li	6	1	10478	1.41	11317	92.6	60	120	

Sample Report

Sample Name	**460-51333-E-4-A@5**
Data File Name	**019SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:22:17-05:00**
Type	**Sample**
VialNumber	**2201**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.05	0.27	ug/l	3600	
Tl	205	209	1	0.01	0.04	ug/l	720	
Ba	137	159	1	15.66	78.31	ug/l	3600	
Sb	121	115	1	0.08	0.41	ug/l	3600	
Sn	118	115	1	0.15	0.76	ug/l	3600	
Cd	111	115	1	0.01	0.06	ug/l	3600	
Ag	107	115	1	0.01	0.03	ug/l	180	
Mo	95	115	1	0.01	0.03	ug/l	1800	
Sr	88	115	1	16.93	84.66	ug/l	900	
Se	78	74	1	0.15	0.75	ug/l	3600	
As	75	74	1	0.00	-0.02	ug/l	3600	
Zn	66	45	1	0.37	1.86	ug/l	900	
Cu	63	45	1	0.21	1.05	ug/l	900	
Ni	60	45	1	0.20	0.99	ug/l	900	
Co	59	45	1	0.04	0.20	ug/l	1800	
Fe	56	45	1	17.34	86.70	ug/l	360000	
Mn	55	45	1	1.78	8.92	ug/l	36000	
Cr	52	45	1	0.19	0.97	ug/l	3600	
V	51	45	1	0.19	0.97	ug/l	3600	
Ti	47	45	1	0.33	1.65	ug/l	3600	
Ca	44	45	1	2800.11	14000.55	ug/l	360000	
K	39	45	1	533.13	2665.67	ug/l	360000	
Al	27	45	1	5.92	29.62	ug/l	36000	
Mg	24	45	1	449.02	2245.08	ug/l	90000	
Na	23	45	1	9817.69	49088.46	ug/l	90000	
B	11	6	1	4.63	23.14	ug/l	7200	
Be	9	6	1	0.03	0.16	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	230408	0.38	236393	97.5	60	120	
Tb	159	1	246839	0.41	251103	98.3	60	120	
In	115	1	55581	0.76	56587	98.2	60	120	
Ge	74	1	6843	2.54	6666	102.7	60	120	
Sc	45	1	51459	0.89	53320	96.5	60	120	
Li	6	1	10471	0.53	11317	92.5	60	120	

Sample Report

Sample Name	**460-51333-E-6-A@5**
Data File Name	**020SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:25:53-05:00**
Type	**Sample**
VialNumber	**2202**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.09	0.46	ug/l	3600	
Tl	205	209	1	0.01	0.04	ug/l	720	
Ba	137	159	1	9.36	46.80	ug/l	3600	
Sb	121	115	1	0.12	0.59	ug/l	3600	
Sn	118	115	1	0.13	0.65	ug/l	3600	
Cd	111	115	1	0.00	0.00	ug/l	3600	
Ag	107	115	1	0.01	0.05	ug/l	180	
Mo	95	115	1	0.00	0.00	ug/l	1800	
Sr	88	115	1	9.58	47.91	ug/l	900	
Se	78	74	1	0.07	0.34	ug/l	3600	
As	75	74	1	-0.02	-0.08	ug/l	3600	
Zn	66	45	1	0.42	2.12	ug/l	900	
Cu	63	45	1	0.24	1.19	ug/l	900	
Ni	60	45	1	0.13	0.67	ug/l	900	
Co	59	45	1	0.03	0.14	ug/l	1800	
Fe	56	45	1	86.70	433.52	ug/l	360000	
Mn	55	45	1	4.33	21.67	ug/l	36000	
Cr	52	45	1	0.81	4.04	ug/l	3600	
V	51	45	1	0.22	1.09	ug/l	3600	
Ti	47	45	1	1.14	5.70	ug/l	3600	
Ca	44	45	1	1591.03	7955.14	ug/l	360000	
K	39	45	1	442.68	2213.38	ug/l	360000	
Al	27	45	1	22.49	112.46	ug/l	36000	
Mg	24	45	1	320.58	1602.90	ug/l	90000	
Na	23	45	1	12882.76	64413.80	ug/l	90000	
B	11	6	1	4.14	20.71	ug/l	7200	
Be	9	6	1	-0.01	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	230778	0.62	236393	97.6	60	120	
Tb	159	1	248256	0.41	251103	98.9	60	120	
In	115	1	56051	0.91	56587	99.1	60	120	
Ge	74	1	6814	0.32	6666	102.2	60	120	
Sc	45	1	52265	0.28	53320	98.0	60	120	
Li	6	1	10727	1.70	11317	94.8	60	120	

Sample Report

Sample Name	**460-51333-E-7-A@5**
Data File Name	**021SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:29:30-05:00**
Type	**Sample**
VialNumber	**2203**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.08	0.41	ug/l	3600	
Tl	205	209	1	0.01	0.03	ug/l	720	
Ba	137	159	1	13.92	69.60	ug/l	3600	
Sb	121	115	1	0.14	0.68	ug/l	3600	
Sn	118	115	1	0.14	0.71	ug/l	3600	
Cd	111	115	1	0.01	0.06	ug/l	3600	
Ag	107	115	1	0.01	0.04	ug/l	180	
Mo	95	115	1	0.01	0.06	ug/l	1800	
Sr	88	115	1	21.38	106.92	ug/l	900	
Se	78	74	1	0.06	0.32	ug/l	3600	
As	75	74	1	0.01	0.03	ug/l	3600	
Zn	66	45	1	0.48	2.41	ug/l	900	
Cu	63	45	1	0.18	0.92	ug/l	900	
Ni	60	45	1	0.14	0.69	ug/l	900	
Co	59	45	1	0.01	0.05	ug/l	1800	
Fe	56	45	1	11.75	58.74	ug/l	360000	
Mn	55	45	1	0.64	3.22	ug/l	36000	
Cr	52	45	1	0.19	0.96	ug/l	3600	
V	51	45	1	0.14	0.69	ug/l	3600	
Ti	47	45	1	0.21	1.03	ug/l	3600	
Ca	44	45	1	2331.89	11659.44	ug/l	360000	
K	39	45	1	513.14	2565.71	ug/l	360000	
Al	27	45	1	4.93	24.67	ug/l	36000	
Mg	24	45	1	458.57	2292.84	ug/l	90000	
Na	23	45	1	11856.93	59284.65	ug/l	90000	
B	11	6	1	4.64	23.20	ug/l	7200	
Be	9	6	1	0.03	0.15	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	232695	0.62	236393	98.4	60	120	
Tb	159	1	249801	1.02	251103	99.5	60	120	
In	115	1	56418	0.69	56587	99.7	60	120	
Ge	74	1	6917	1.28	6666	103.8	60	120	
Sc	45	1	52966	0.45	53320	99.3	60	120	
Li	6	1	11027	1.36	11317	97.4	60	120	

Sample Report

Sample Name	**460-51333-E-10-A@5**
Data File Name	**022SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:33:06-05:00**
Type	**Sample**
VialNumber	**2204**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.09	0.43	ug/l	3600	
Tl	205	209	1	0.00	0.00	ug/l	720	
Ba	137	159	1	3.32	16.58	ug/l	3600	
Sb	121	115	1	0.11	0.54	ug/l	3600	
Sn	118	115	1	0.14	0.69	ug/l	3600	
Cd	111	115	1	0.02	0.11	ug/l	3600	
Ag	107	115	1	0.01	0.03	ug/l	180	
Mo	95	115	1	0.32	1.58	ug/l	1800	
Sr	88	115	1	17.49	87.44	ug/l	900	
Se	78	74	1	-0.05	-0.27	ug/l	3600	
As	75	74	1	0.06	0.30	ug/l	3600	
Zn	66	45	1	2.05	10.23	ug/l	900	
Cu	63	45	1	0.71	3.54	ug/l	900	
Ni	60	45	1	5.17	25.84	ug/l	900	
Co	59	45	1	0.10	0.50	ug/l	1800	
Fe	56	45	1	82.44	412.22	ug/l	360000	
Mn	55	45	1	2.72	13.62	ug/l	36000	
Cr	52	45	1	7.28	36.38	ug/l	3600	
V	51	45	1	0.26	1.31	ug/l	3600	
Ti	47	45	1	1.33	6.64	ug/l	3600	
Ca	44	45	1	977.69	4888.46	ug/l	360000	
K	39	45	1	212.17	1060.85	ug/l	360000	
Al	27	45	1	13.57	67.87	ug/l	36000	
Mg	24	45	1	217.79	1088.95	ug/l	90000	
Na	23	45	1	6418.27	32091.35	ug/l	90000	
B	11	6	1	3.34	16.70	ug/l	7200	
Be	9	6	1	-0.01	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	236975	0.97	236393	100.2	60	120	
Tb	159	1	256562	0.27	251103	102.2	60	120	
In	115	1	57888	0.68	56587	102.3	60	120	
Ge	74	1	7190	1.64	6666	107.9	60	120	
Sc	45	1	54153	0.81	53320	101.6	60	120	
Li	6	1	11083	1.21	11317	97.9	60	120	

Sample Report

Sample Name	**460-51333-E-12-A@5**
Data File Name	**023SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:36:43-05:00**
Type	**Sample**
VialNumber	**2205**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.10	0.51	ug/l	3600	
Tl	205	209	1	0.01	0.04	ug/l	720	
Ba	137	159	1	26.39	131.97	ug/l	3600	
Sb	121	115	1	0.10	0.52	ug/l	3600	
Sn	118	115	1	0.13	0.65	ug/l	3600	
Cd	111	115	1	0.07	0.35	ug/l	3600	
Ag	107	115	1	0.01	0.03	ug/l	180	
Mo	95	115	1	0.04	0.18	ug/l	1800	
Sr	88	115	1	33.09	165.47	ug/l	900	
Se	78	74	1	0.25	1.25	ug/l	3600	
As	75	74	1	0.08	0.42	ug/l	3600	
Zn	66	45	1	1.25	6.23	ug/l	900	
Cu	63	45	1	0.53	2.67	ug/l	900	
Ni	60	45	1	1.60	7.98	ug/l	900	
Co	59	45	1	**0.20**	0.98	ug/l	1800	
Fe	56	45	1	**373.27**	**1866.34**	ug/l	360000	
Mn	55	45	1	**4.53**	**22.67**	ug/l	36000	
Cr	52	45	1	**1.97**	**9.87**	ug/l	3600	
V	51	45	1	0.29	**1.47**	ug/l	3600	
Ti	47	45	1	4.25	21.24	ug/l	3600	
Ca	44	45	1	6390.17	31950.83	ug/l	360000	
K	39	45	1	1152.39	5761.95	ug/l	360000	
Al	27	45	1	76.83	384.15	ug/l	36000	
Mg	24	45	1	1013.63	5068.15	ug/l	90000	
Na	23	45	1	23269.09	116345.46	ug/l	90000	
B	11	6	1	11.23	56.15	ug/l	7200	
Be	9	6	1	-0.01	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	234080	0.61	236393	99.0	60	120	
Tb	159	1	255147	0.35	251103	101.6	60	120	
In	115	1	57172	0.11	56587	101.0	60	120	
Ge	74	1	7111	1.39	6666	106.7	60	120	
Sc	45	1	54196	1.62	53320	101.6	60	120	
Li	6	1	11039	2.71	11317	97.5	60	120	

Sample Report

Sample Name	**460-51333-E-13-A@5**
Data File Name	**024SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:40:20-05:00**
Type	**Sample**
VialNumber	**2206**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.28	1.38	ug/l	3600	
Tl	205	209	1	0.01	0.06	ug/l	720	
Ba	137	159	1	8.05	40.25	ug/l	3600	
Sb	121	115	1	0.09	0.46	ug/l	3600	
Sn	118	115	1	0.15	0.74	ug/l	3600	
Cd	111	115	1	0.01	0.06	ug/l	3600	
Ag	107	115	1	0.01	0.04	ug/l	180	
Mo	95	115	1	0.02	0.09	ug/l	1800	
Sr	88	115	1	20.49	102.46	ug/l	900	
Se	78	74	1	0.02	0.11	ug/l	3600	
As	75	74	1	0.13	0.66	ug/l	3600	
Zn	66	45	1	1.59	7.97	ug/l	900	
Cu	63	45	1	0.72	3.59	ug/l	900	
Ni	60	45	1	0.32	1.58	ug/l	900	
Co	59	45	1	0.09	0.46	ug/l	1800	
Fe	56	45	1	212.37	1061.84	ug/l	360000	
Mn	55	45	1	8.49	42.43	ug/l	36000	
Cr	52	45	1	0.64	3.21	ug/l	3600	
V	51	45	1	0.39	1.96	ug/l	3600	
Ti	47	45	1	2.15	10.73	ug/l	3600	
Ca	44	45	1	2986.66	14933.29	ug/l	360000	
K	39	45	1	572.94	2864.69	ug/l	360000	
Al	27	45	1	261.23	1306.15	ug/l	36000	
Mg	24	45	1	564.74	2823.68	ug/l	90000	
Na	23	45	1	7780.51	38902.56	ug/l	90000	
B	11	6	1	5.42	27.08	ug/l	7200	
Be	9	6	1	0.04	0.22	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	233405	0.68	236393	98.7	60	120	
Tb	159	1	251665	0.30	251103	100.2	60	120	
In	115	1	56612	0.66	56587	100.0	60	120	
Ge	74	1	7073	1.22	6666	106.1	60	120	
Sc	45	1	53279	1.28	53320	99.9	60	120	
Li	6	1	10966	0.53	11317	96.9	60	120	

Sample Report

Sample Name	**460-51333-E-15-A@5**
Data File Name	**025SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:43:56-05:00**
Type	**Sample**
VialNumber	**2207**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.16	0.82	ug/l	3600	
Tl	205	209	1	0.00	0.01	ug/l	720	
Ba	137	159	1	16.55	82.77	ug/l	3600	
Sb	121	115	1	0.10	0.50	ug/l	3600	
Sn	118	115	1	0.13	0.66	ug/l	3600	
Cd	111	115	1	0.00	-0.02	ug/l	3600	
Ag	107	115	1	0.00	0.02	ug/l	180	
Mo	95	115	1	0.04	0.18	ug/l	1800	
Sr	88	115	1	16.86	84.32	ug/l	900	
Se	78	74	1	0.29	1.46	ug/l	3600	
As	75	74	1	0.60	2.99	ug/l	3600	
Zn	66	45	1	0.63	3.13	ug/l	900	
Cu	63	45	1	0.27	1.34	ug/l	900	
Ni	60	45	1	0.10	0.50	ug/l	900	
Co	59	45	1	0.04	0.19	ug/l	1800	
Fe	56	45	1	51.81	259.06	ug/l	360000	
Mn	55	45	1	1.70	8.48	ug/l	36000	
Cr	52	45	1	0.18	0.88	ug/l	3600	
V	51	45	1	0.33	1.63	ug/l	3600	
Ti	47	45	1	1.32	6.62	ug/l	3600	
Ca	44	45	1	2645.02	13225.12	ug/l	360000	
K	39	45	1	516.78	2583.91	ug/l	360000	
Al	27	45	1	25.47	127.35	ug/l	36000	
Mg	24	45	1	451.94	2259.68	ug/l	90000	
Na	23	45	1	10147.76	50738.78	ug/l	90000	
B	11	6	1	4.18	20.90	ug/l	7200	
Be	9	6	1	0.00	0.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	235402	0.60	236393	99.6	60	120	
Tb	159	1	254084	0.33	251103	101.2	60	120	
In	115	1	57251	1.13	56587	101.2	60	120	
Ge	74	1	7032	2.83	6666	105.5	60	120	
Sc	45	1	54261	0.70	53320	101.8	60	120	
Li	6	1	11062	0.58	11317	97.7	60	120	

Sample Report

Sample Name	**460-51333-E-16-A@5**
Data File Name	**026SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:47:33-05:00**
Type	**Sample**
VialNumber	**2208**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.07	0.36	ug/l	3600	
Tl	205	209	1	0.00	-0.01	ug/l	720	
Ba	137	159	1	15.27	76.36	ug/l	3600	
Sb	121	115	1	0.14	0.68	ug/l	3600	
Sn	118	115	1	0.12	0.59	ug/l	3600	
Cd	111	115	1	0.57	2.84	ug/l	3600	
Ag	107	115	1	0.00	0.02	ug/l	180	
Mo	95	115	1	0.04	0.18	ug/l	1800	
Sr	88	115	1	62.53	312.64	ug/l	900	
Se	78	74	1	0.26	1.28	ug/l	3600	
As	75	74	1	0.06	0.32	ug/l	3600	
Zn	66	45	1	3.53	17.67	ug/l	900	
Cu	63	45	1	0.25	1.27	ug/l	900	
Ni	60	45	1	0.26	1.32	ug/l	900	
Co	59	45	1	0.02	0.12	ug/l	1800	
Fe	56	45	1	3.43	17.17	ug/l	360000	
Mn	55	45	1	0.41	2.04	ug/l	36000	
Cr	52	45	1	0.08	0.40	ug/l	3600	
V	51	45	1	0.19	0.93	ug/l	3600	
Ti	47	45	1	0.20	1.00	ug/l	3600	
Ca	44	45	1	4245.83	21229.17	ug/l	360000	
K	39	45	1	735.63	3678.14	ug/l	360000	
Al	27	45	1	1.16	5.78	ug/l	36000	
Mg	24	45	1	802.51	4012.56	ug/l	90000	
Na	23	45	1	6184.37	30921.85	ug/l	90000	
B	11	6	1	11.82	59.11	ug/l	7200	
Be	9	6	1	-0.01	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	240159	0.32	236393	101.6	60	120	
Tb	159	1	258982	0.23	251103	103.1	60	120	
In	115	1	57674	0.35	56587	101.9	60	120	
Ge	74	1	7012	1.36	6666	105.2	60	120	
Sc	45	1	54642	0.51	53320	102.5	60	120	
Li	6	1	11269	0.92	11317	99.6	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0276CCV.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:51:10-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	49.39	2.25	ug/l	2315.20	0.73	50	98.8	90	110	
B	11	6	1	92.79	6.55	ug/l	2076.87	6.27	100	92.8	90	110	
Na	23	45	1	4903.66	0.95	ug/l	1483770.81	0.70	5000	98.1	90	110	
Mg	24	45	1	5071.30	0.36	ug/l	775894.28	0.71	5000	101.4	90	110	
Al	27	45	1	490.39	0.43	ug/l	31066.68	0.19	500	98.1	90	110	
K	39	45	1	4989.34	0.56	ug/l	430910.60	0.75	5000	99.8	90	110	
Ca	44	45	1	4944.62	0.19	ug/l	21605.34	0.51	5000	98.9	90	110	
Ti	47	45	1	53.73	6.49	ug/l	1192.31	6.17	50	107.5	90	110	
V	51	45	1	49.80	0.71	ug/l	28075.50	0.42	50	99.6	90	110	
Cr	52	45	1	49.84	0.73	ug/l	36089.59	0.45	50	99.7	90	110	
Mn	55	45	1	498.02	1.17	ug/l	269587.67	0.80	500	99.6	90	110	
Fe	56	45	1	5008.33	1.70	ug/l	3296651.51	1.33	5000	100.2	90	110	
Co	59	45	1	49.35	0.84	ug/l	48322.14	0.47	50	98.7	90	110	
Ni	60	45	1	50.08	3.29	ug/l	11669.08	3.06	50	100.2	90	110	
Cu	63	45	1	50.11	0.96	ug/l	31033.43	0.93	50	100.2	90	110	
Zn	66	45	1	50.77	5.81	ug/l	6843.93	5.83	50	101.5	90	110	
As	75	74	1	51.41	2.76	ug/l	2693.61	2.26	50	102.8	90	110	
Se	78	74	1	50.42	3.57	ug/l	399.17	4.07	50	100.8	90	110	
Sr	88	115	1	50.10	1.69	ug/l	28298.80	1.54	50	100.2	90	110	
Mo	95	115	1	50.86	1.35	ug/l	17128.91	0.92	50	101.7	90	110	
Ag	107	115	1	49.69	0.73	ug/l	59869.22	0.61	50	99.4	90	110	
Cd	111	115	1	49.92	0.97	ug/l	11203.39	1.51	50	99.8	90	110	
Sn	118	115	1	49.71	1.63	ug/l	26492.70	1.11	50	99.4	90	110	
Sb	121	115	1	50.15	1.39	ug/l	29546.22	0.44	50	100.3	90	110	
Ba	137	159	1	50.57	2.45	ug/l	11358.00	2.73	50	101.1	90	110	
Tl	205	209	1	9.70	1.60	ug/l	64119.93	0.95	10	97.0	90	110	
Pb	208	209	1	49.39	1.05	ug/l	433326.15	1.12	50	98.8	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12173	1.64	11317	107.6	60	120	
Sc	45	1	60804	0.37	53320	114.0	60	120	
Ge	74	1	7691	0.52	6666	115.4	60	120	
In	115	1	62316	1.08	56587	110.1	60	120	
Tb	159	1	271278	0.69	251103	108.0	60	120	
Bi	209	1	250644	0.98	236393	106.0	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0286CCB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:54:47-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.00	751.41	ug/l	0.56	173.21	0.2	
B	11	6	1	1.20	66.25	ug/l	62.22	29.51	20	
Na	23	45	1	-11.04	-9.91	ug/l	29415.06	0.91	50	
Mg	24	45	1	-0.32	-28.82	ug/l	183.34	7.93	50	
Al	27	45	1	-1.70	-7.04	ug/l	38.33	18.96	10	
K	39	45	1	-0.54	-295.50	ug/l	8663.72	1.45	50	
Ca	44	45	1	-1.36	-60.35	ug/l	11.11	31.24	50	
Ti	47	45	1	0.03	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	1	0.01	292.96	ug/l	94.45	23.50	1	
Cr	52	45	1	0.02	49.94	ug/l	93.34	9.45	1	
Mn	55	45	1	0.05	47.41	ug/l	47.78	26.42	2	
Fe	56	45	1	-1.49	-5.92	ug/l	1319.53	4.13	30	
Co	59	45	1	**-0.01**	-214.05	ug/l	10.00	115.51	1	
Ni	60	45	1	**-0.02**	-173.54	ug/l	8.89	94.38	1	
Cu	63	45	1	**0.06**	81.63	ug/l	163.34	17.44	1	
Zn	66	45	1	0.01	701.74	ug/l	15.56	75.27	4	
As	75	74	1	-0.07	-28.38	ug/l	2.22	43.11	0.5	
Se	78	74	1	0.05	259.51	ug/l	1.39	69.53	0.5	
Sr	88	115	1	0.00	159.01	ug/l	3.33	100.05	1	
Mo	95	115	1	0.03	139.96	ug/l	26.67	57.28	1	
Ag	107	115	1	0.01	65.62	ug/l	15.56	49.47	1	
Cd	111	115	1	0.01	146.55	ug/l	3.33	100.05	0.5	
Sn	118	115	1	0.08	23.75	ug/l	74.45	13.68	4	
Sb	121	115	1	0.01	143.74	ug/l	31.11	24.74	0.5	
Ba	137	159	1	0.01	389.61	**ug/l**	4.44	173.21	1	
Tl	205	209	1	0.06	14.41	**ug/l**	500.03	11.14	0.2	
Pb	208	209	1	0.01	84.28	ug/l	163.34	23.00	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12004	1.73	11317	106.1	60	120	
Sc	45	1	59520	0.45	53320	111.6	60	120	
Ge	74	1	7546	0.99	6666	113.2	60	120	
In	115	1	62546	0.86	56587	110.5	60	120	
Tb	159	1	267154	0.58	251103	106.4	60	120	
Bi	209	1	249328	0.99	236393	105.5	60	120	

TuneStep	TuneFile
1	helium.u

Sample Report

Sample Name	**460-51333-E-18-A@5**
Data File Name	**029SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T04:58:26-05:00**
Type	**Sample**
VialNumber	**2209**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.03	0.14	ug/l	3600	
Tl	205	209	1	0.02	0.12	ug/l	720	
Ba	137	159	1	10.22	51.12	ug/l	3600	
Sb	121	115	1	0.08	0.42	ug/l	3600	
Sn	118	115	1	0.16	0.80	ug/l	3600	
Cd	111	115	1	0.03	0.16	ug/l	3600	
Ag	107	115	1	0.00	0.01	ug/l	180	
Mo	95	115	1	0.01	0.05	ug/l	1800	
Sr	88	115	1	17.59	87.96	ug/l	900	
Se	78	74	1	-0.02	-0.09	ug/l	3600	
As	75	74	1	-0.05	-0.27	ug/l	3600	
Zn	66	45	1	0.39	1.97	ug/l	900	
Cu	63	45	1	0.13	0.67	ug/l	900	
Ni	60	45	1	0.08	0.41	ug/l	900	
Co	59	45	1	0.02	0.10	ug/l	1800	
Fe	56	45	1	24.79	123.93	ug/l	360000	
Mn	55	45	1	1.33	6.67	ug/l	36000	
Cr	52	45	1	0.16	0.80	ug/l	3600	
V	51	45	1	0.23	1.16	ug/l	3600	
Ti	47	45	1	0.25	1.27	ug/l	3600	
Ca	44	45	1	3026.20	15131.02	ug/l	360000	
K	39	45	1	363.77	1818.86	ug/l	360000	
Al	27	45	1	5.77	28.87	ug/l	36000	
Mg	24	45	1	729.68	3648.41	ug/l	90000	
Na	23	45	1	7929.95	39649.75	ug/l	90000	
B	11	6	1	4.45	22.26	ug/l	7200	
Be	9	6	1	0.00	0.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	237755	0.76	236393	100.6	60	120	
Tb	159	1	254793	0.29	251103	101.5	60	120	
In	115	1	57387	1.05	56587	101.4	60	120	
Ge	74	1	7089	1.40	6666	106.4	60	120	
Sc	45	1	55431	0.50	53320	104.0	60	120	
Li	6	1	11115	1.84	11317	98.2	60	120	

Sample Report

Sample Name	**460-51333-E-19-A@5**
Data File Name	**030SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:02:03-05:00**
Type	**Sample**
VialNumber	**2210**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.32	1.59	ug/l	3600	
Tl	205	209	1	0.02	0.08	ug/l	720	
Ba	137	159	1	13.09	65.44	ug/l	3600	
Sb	121	115	1	0.12	0.58	ug/l	3600	
Sn	118	115	1	0.14	0.72	ug/l	3600	
Cd	111	115	1	0.03	0.16	ug/l	3600	
Ag	107	115	1	0.00	0.01	ug/l	180	
Mo	95	115	1	0.04	0.19	ug/l	1800	
Sr	88	115	1	19.62	98.08	ug/l	900	
Se	78	74	1	0.06	0.28	ug/l	3600	
As	75	74	1	0.13	0.63	ug/l	3600	
Zn	66	45	1	2.52	12.61	ug/l	900	
Cu	63	45	1	1.27	6.36	ug/l	900	
Ni	60	45	1	1.17	5.86	ug/l	900	
Co	59	45	1	0.24	1.20	ug/l	1800	
Fe	56	45	1	977.00	4885.02	ug/l	360000	
Mn	55	45	1	10.84	54.20	ug/l	36000	
Cr	52	45	1	1.33	6.67	ug/l	3600	
V	51	45	1	1.00	5.01	ug/l	3600	
Ti	47	45	1	17.28	86.42	ug/l	3600	
Ca	44	45	1	3300.90	16504.49	ug/l	360000	
K	39	45	1	534.65	2673.23	ug/l	360000	
Al	27	45	1	276.71	1383.55	ug/l	36000	
Mg	24	45	1	576.65	2883.25	ug/l	90000	
Na	23	45	1	6120.06	30600.31	ug/l	90000	
B	11	6	1	6.30	31.50	ug/l	7200	
Be	9	6	1	0.03	0.15	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	239995	1.51	236393	101.5	60	120	
Tb	159	1	257775	0.62	251103	102.7	60	120	
In	115	1	58077	0.51	56587	102.6	60	120	
Ge	74	1	7252	0.81	6666	108.8	60	120	
Sc	45	1	54862	0.62	53320	102.9	60	120	
Li	6	1	10977	0.40	11317	97.0	60	120	

Sample Report

Sample Name	**460-51333-E-21-A@5**
Data File Name	**031SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:05:41-05:00**
Type	**Sample**
VialNumber	**2211**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.03	0.17	ug/l	3600	
Tl	205	209	1	0.00	0.02	ug/l	720	
Ba	137	159	1	10.92	54.58	ug/l	3600	
Sb	121	115	1	0.07	0.37	ug/l	3600	
Sn	118	115	1	0.14	0.68	ug/l	3600	
Cd	111	115	1	0.53	2.66	ug/l	3600	
Ag	107	115	1	0.00	0.01	ug/l	180	
Mo	95	115	1	-0.01	-0.07	ug/l	1800	
Sr	88	115	1	29.36	146.78	ug/l	900	
Se	78	74	1	0.18	0.90	ug/l	3600	
As	75	74	1	-0.04	-0.20	ug/l	3600	
Zn	66	45	1	12.21	61.05	ug/l	900	
Cu	63	45	1	0.50	2.50	ug/l	900	
Ni	60	45	1	0.35	1.77	ug/l	900	
Co	59	45	1	0.02	0.09	ug/l	1800	
Fe	56	45	1	2.71	13.57	ug/l	360000	
Mn	55	45	1	0.25	1.27	ug/l	36000	
Cr	52	45	1	0.17	0.87	ug/l	3600	
V	51	45	1	0.18	0.90	ug/l	3600	
Ti	47	45	1	0.15	0.74	ug/l	3600	
Ca	44	45	1	4413.76	22068.82	ug/l	360000	
K	39	45	1	334.58	1672.88	ug/l	360000	
Al	27	45	1	0.86	4.28	ug/l	36000	
Mg	24	45	1	989.21	4946.07	ug/l	90000	
Na	23	45	1	6672.95	33364.75	ug/l	90000	
B	11	6	1	10.12	50.59	ug/l	7200	
Be	9	6	1	-0.01	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	234712	0.49	236393	99.3	60	120	
Tb	159	1	250596	0.61	251103	99.8	60	120	
In	115	1	56916	1.41	56587	100.6	60	120	
Ge	74	1	6902	2.27	6666	103.5	60	120	
Sc	45	1	53355	1.25	53320	100.1	60	120	
Li	6	1	10981	1.45	11317	97.0	60	120	

Sample Report

Sample Name	**460-51242-B-3-B@5**
Data File Name	**032SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:09:18-05:00**
Type	**Sample**
VialNumber	**2212**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.00	0.02	ug/l	3600	
Tl	205	209	1	0.00	0.00	ug/l	720	
Ba	137	159	1	0.03	0.15	ug/l	3600	
Sb	121	115	1	0.07	0.35	ug/l	3600	
Sn	118	115	1	0.10	0.51	ug/l	3600	
Cd	111	115	1	0.00	0.00	ug/l	3600	
Ag	107	115	1	0.00	0.01	ug/l	180	
Mo	95	115	1	-0.03	-0.15	ug/l	1800	
Sr	88	115	1	0.02	0.09	ug/l	900	
Se	78	74	1	-0.06	-0.28	ug/l	3600	
As	75	74	1	-0.03	-0.15	ug/l	3600	
Zn	66	45	1	0.13	0.66	ug/l	900	
Cu	63	45	1	0.11	0.55	ug/l	900	
Ni	60	45	1	-0.03	-0.14	ug/l	900	
Co	59	45	1	-0.01	-0.06	ug/l	1800	
Fe	56	45	1	-1.61	-8.07	ug/l	360000	
Mn	55	45	1	0.02	0.09	ug/l	36000	
Cr	52	45	1	0.07	0.37	ug/l	3600	
V	51	45	1	0.22	1.10	ug/l	3600	
Ti	47	45	1	0.09	0.45	ug/l	3600	
Ca	44	45	1	3.61	18.05	ug/l	360000	
K	39	45	1	6.66	33.29	ug/l	360000	
Al	27	45	1	-0.54	-2.69	ug/l	36000	
Mg	24	45	1	-0.08	-0.40	ug/l	90000	
Na	23	45	1	-0.23	-1.13	ug/l	90000	
B	11	6	1	0.35	1.74	ug/l	7200	
Be	9	6	1	0.00	0.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	240850	0.59	236393	101.9	60	120	
Tb	159	1	256888	0.36	251103	102.3	60	120	
In	115	1	58772	1.02	56587	103.9	60	120	
Ge	74	1	7046	1.10	6666	105.7	60	120	
Sc	45	1	55092	1.01	53320	103.3	60	120	
Li	6	1	11042	1.52	11317	97.6	60	120	

Sample Report

Sample Name	**460-51242-E-14-B@5**
Data File Name	**033SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:12:55-05:00**
Type	**Sample**
VialNumber	**2301**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	77.20	385.99	ug/l	3600	
Tl	205	209	1	0.04	0.22	ug/l	720	
Ba	137	159	1	61.00	305.02	ug/l	3600	
Sb	121	115	1	0.24	1.18	ug/l	3600	
Sn	118	115	1	2.51	12.53	ug/l	3600	
Cd	111	115	1	0.15	0.75	ug/l	3600	
Ag	107	115	1	0.09	0.47	ug/l	180	
Mo	95	115	1	0.39	1.93	ug/l	1800	
Sr	88	115	1	185.72	928.60	ug/l	900	
Se	78	74	1	0.37	1.86	ug/l	3600	
As	75	74	1	14.69	73.46	ug/l	3600	
Zn	66	45	1	61.31	306.54	ug/l	900	
Cu	63	45	1	15.80	78.98	ug/l	900	
Ni	60	45	1	7.91	39.56	ug/l	900	
Co	59	45	1	3.65	18.25	ug/l	1800	
Fe	56	45	1	16711.18	83555.91	ug/l	360000	
Mn	55	45	1	747.86	3739.28	ug/l	36000	
Cr	52	45	1	9.92	49.58	ug/l	3600	
V	51	45	1	12.11	60.57	ug/l	3600	
Ti	47	45	1	100.02	500.09	ug/l	3600	
Ca	44	45	1	27304.19	136520.96	ug/l	360000	
K	39	45	1	5237.53	26187.64	ug/l	360000	
Al	27	45	1	4523.75	22618.74	ug/l	36000	
Mg	24	45	1	7592.06	37960.28	ug/l	90000	
Na	23	45	1	61205.95	306029.75	ug/l	90000	
B	11	6	1	104.24	521.18	ug/l	7200	
Be	9	6	1	0.23	1.16	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	221235	1.65	236393	93.6	60	120	
Tb	159	1	251859	0.51	251103	100.3	60	120	
In	115	1	55628	0.82	56587	98.3	60	120	
Ge	74	1	7017	2.95	6666	105.3	60	120	
Sc	45	1	54039	0.79	53320	101.3	60	120	
Li	6	1	10772	1.70	11317	95.2	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0346CCV.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:16:28-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	48.31	3.16	ug/l	2282.97	3.07	50	96.6	90	110	
B	11	6	1	100.93	0.47	ug/l	2273.57	0.39	100	100.9	90	110	
Na	23	45	1	4837.73	1.96	ug/l	1467795.55	1.21	5000	96.8	90	110	
Mg	24	45	1	4993.87	0.15	ug/l	765945.87	0.85	5000	99.9	90	110	
Al	27	45	1	488.01	1.36	ug/l	30991.54	0.64	500	97.6	90	110	
K	39	45	1	4937.50	0.37	ug/l	427575.81	0.36	5000	98.8	90	110	
Ca	44	45	1	4874.00	1.99	ug/l	21347.81	1.30	5000	97.5	90	110	
Ti	47	45	1	51.33	4.12	ug/l	1142.30	4.68	50	102.7	90	110	
V	51	45	1	48.98	0.30	ug/l	27685.87	0.41	50	98.0	90	110	
Cr	52	45	1	48.78	1.07	ug/l	35410.25	1.76	50	97.6	90	110	
Mn	55	45	1	494.34	0.08	ug/l	268269.00	0.78	500	98.9	90	110	
Fe	56	45	1	4981.84	0.45	ug/l	3287458.04	0.55	5000	99.6	90	110	
Co	59	45	1	49.15	0.41	ug/l	48243.29	0.37	50	98.3	90	110	
Ni	60	45	1	50.06	1.16	ug/l	11693.59	0.66	50	100.1	90	110	
Cu	63	45	1	48.97	1.84	ug/l	30404.49	1.38	50	97.9	90	110	
Zn	66	45	1	50.91	3.03	ug/l	6879.53	3.26	50	101.8	90	110	
As	75	74	1	48.20	3.12	ug/l	2559.14	3.62	50	96.4	90	110	
Se	78	74	1	52.26	7.18	ug/l	418.90	6.78	50	104.5	90	110	
Sr	88	115	1	49.48	1.83	ug/l	27974.78	1.42	50	99.0	90	110	
Mo	95	115	1	49.54	0.90	ug/l	16702.90	0.48	50	99.1	90	110	
Ag	107	115	1	49.31	1.20	ug/l	59473.21	1.62	50	98.6	90	110	
Cd	111	115	1	50.14	1.32	ug/l	11263.40	0.96	50	100.3	90	110	
Sn	118	115	1	49.31	1.30	ug/l	26307.94	0.88	50	98.6	90	110	
Sb	121	115	1	49.83	2.12	ug/l	29385.95	1.71	50	99.7	90	110	
Ba	137	159	1	50.95	0.87	ug/l	11422.52	0.69	50	101.9	90	110	
Tl	205	209	1	9.73	0.09	ug/l	63698.99	0.32	10	97.3	90	110	
Pb	208	209	1	50.01	0.37	ug/l	434128.36	0.19	50	100.0	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12267	0.10	11317	108.4	60	120	
Sc	45	1	60955	0.71	53320	114.3	60	120	
Ge	74	1	7790	0.63	6666	116.9	60	120	
In	115	1	62377	0.42	56587	110.2	60	120	
Tb	159	1	270823	1.56	251103	107.9	60	120	
Bi	209	1	248010	0.30	236393	104.9	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0356CCB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:20:05-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.03	134.11	ug/l	1.67	99.90	0.2	
B	11	6	1	1.72	58.05	ug/l	72.23	29.67	20	
Na	23	45	1	-9.08	-21.02	ug/l	29515.24	1.32	50	
Mg	24	45	1	-0.27	-34.37	ug/l	188.90	6.68	50	
Al	27	45	1	-1.75	-3.10	ug/l	35.00	9.51	10	
K	39	45	1	3.45	85.16	ug/l	8853.84	2.51	50	
Ca	44	45	1	-1.19	-58.69	ug/l	11.66	24.75	50	
Ti	47	45	1	0.03	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	1	0.00	-908.61	ug/l	84.45	11.39	1	
Cr	52	45	1	0.02	29.18	ug/l	87.78	4.38	1	
Mn	55	45	1	0.04	15.61	ug/l	43.33	7.70	2	
Fe	56	45	1	-1.29	-14.19	ug/l	1423.42	7.64	30	
Co	59	45	1	0.00	-167.86	ug/l	11.11	62.48	1	
Ni	60	45	1	-0.04	-64.29	ug/l	5.56	91.64	1	
Cu	63	45	1	0.03	336.43	ug/l	141.12	35.77	1	
Zn	66	45	1	0.04	159.17	ug/l	18.89	44.42	4	
As	75	74	1	-0.06	-89.64	ug/l	2.78	91.68	0.5	
Se	78	74	1	0.27	48.62	ug/l	3.06	31.54	0.5	
Sr	88	115	1	0.01	59.01	ug/l	7.78	49.52	1	
Mo	95	115	1	0.04	51.17	ug/l	28.89	24.03	1	
Ag	107	115	1	0.01	36.54	ug/l	17.78	28.64	1	
Cd	111	115	1	0.02	112.71	ug/l	5.56	91.64	0.5	
Sn	118	115	1	0.06	72.73	ug/l	62.22	38.75	4	
Sb	121	115	1	0.03	43.77	ug/l	41.11	16.89	0.5	
Ba	137	159	1	0.02	157.10	ug/l	6.67	99.98	1	
Tl	205	209	1	0.07	28.62	ug/l	580.03	23.86	0.2	
Pb	208	209	1	0.01	34.01	ug/l	211.12	15.01	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11858	0.45	11317	104.8	60	120	
Sc	45	1	58594	0.53	53320	109.9	60	120	
Ge	74	1	7471	1.14	6666	112.1	60	120	
In	115	1	61588	0.45	56587	108.8	60	120	
Tb	159	1	264997	1.13	251103	105.5	60	120	
Bi	209	1	246927	1.06	236393	104.5	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**MB 460-149043/1-A@5**
Data File Name	**0366CCB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:23:43-05:00**
Type	**6-CCB**
VialNumber	**2401**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	-0.01	0.00	ug/l	0.00	#DIV/0!	0.2	
B	11	6	1	0.55	925.63	ug/l	47.78	46.46	20	
Na	23	45	1	-9.03	-67.31	ug/l	29780.15	0.48	50	
Mg	24	45	1	-0.43	-120.54	ug/l	166.68	9.16	50	
Al	27	45	1	-1.44	-23.64	ug/l	54.44	7.70	10	
K	39	45	1	1.20	1278.97	ug/l	8746.02	3.48	50	
Ca	44	45	1	-0.17	-1830.31	ug/l	16.11	15.81	50	
Ti	47	45	1	0.03	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	1	0.01	1641.34	ug/l	91.12	17.29	1	
Cr	52	45	1	0.01	423.95	ug/l	80.00	4.17	1	
Mn	55	45	1	0.03	711.73	ug/l	35.55	57.29	2	
Fe	56	45	1	-1.65	-71.30	ug/l	1206.74	12.08	30	
Co	59	45	1	-0.01	-312.82	ug/l	10.00	33.30	1	
Ni	60	45	1	-0.04	-236.65	ug/l	5.55	69.34	1	
Cu	63	45	1	-0.02	-778.40	ug/l	112.23	19.78	1	
Zn	66	45	1	-0.03	-1199.64	ug/l	10.00	88.20	4	
As	75	74	1	-0.07	-132.47	ug/l	2.22	43.11	0.5	
Se	78	74	1	0.01	2542.03	ug/l	1.11	43.69	0.5	
Sr	88	115	1	0.00	800.76	ug/l	3.33	100.05	1	
Mo	95	115	1	-0.02	-234.67	ug/l	7.78	49.52	1	
Ag	107	115	1	0.00	-4350.55	ug/l	3.33	100.05	1	
Cd	111	115	1	0.01	1649.39	ug/l	2.22	173.21	0.5	
Sn	118	115	1	0.06	267.39	ug/l	63.34	29.31	4	
Sb	121	115	1	0.03	62.03	ug/l	42.22	4.55	0.5	
Ba	137	159	1	0.00	3257.28	ug/l	3.33	173.21	1	
Tl	205	209	1	0.01	137.28	ug/l	188.90	15.01	0.2	
Pb	208	209	1	0.01	293.71	ug/l	178.89	18.10	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11954	1.38	11317	105.6	60	120	
Sc	45	1	59095	0.76	53320	110.8	60	120	
Ge	74	1	7535	1.90	6666	113.0	60	120	
In	115	1	62736	0.84	56587	110.9	60	120	
Tb	159	1	268461	0.78	251103	106.9	60	120	
Bi	209	1	249881	2.16	236393	105.7	60	120	

TuneStep	TuneFile
1	helium.u

Sample Report

Sample Name	**LCS 460-149043/2-A@5**
Data File Name	**037SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:27:20-05:00**
Type	**Sample**
VialNumber	**2402**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	5.05	25.23	ug/l	3600	
Tl	205	209	1	3.84	19.20	ug/l	720	
Ba	137	159	1	10.09	50.46	ug/l	3600	
Sb	121	115	1	4.98	24.92	ug/l	3600	
Sn	118	115	1	9.85	49.27	ug/l	3600	
Cd	111	115	1	4.84	24.21	ug/l	3600	
Ag	107	115	1	5.04	25.21	ug/l	180	
Mo	95	115	1	9.55	47.77	ug/l	1800	
Sr	88	115	1	9.94	49.69	ug/l	900	
Se	78	74	1	10.08	50.38	ug/l	3600	
As	75	74	1	10.01	50.06	ug/l	3600	
Zn	66	45	1	50.85	254.24	ug/l	900	
Cu	63	45	1	10.20	50.98	ug/l	900	
Ni	60	45	1	10.29	51.44	ug/l	900	
Co	59	45	1	5.10	25.49	ug/l	1800	
Fe	56	45	1	525.80	2628.99	ug/l	360000	
Mn	55	45	1	50.63	253.16	ug/l	36000	
Cr	52	45	1	10.03	50.13	ug/l	3600	
V	51	45	1	9.83	49.16	ug/l	3600	
Ti	47	45	1	9.82	49.10	ug/l	3600	
Ca	44	45	1	494.16	2470.80	ug/l	360000	
K	39	45	1	498.09	2490.43	ug/l	360000	
Al	27	45	1	490.15	2450.77	ug/l	36000	
Mg	24	45	1	512.32	2561.61	ug/l	90000	
Na	23	45	1	484.64	2423.22	ug/l	90000	
B	11	6	1	100.63	503.15	ug/l	7200	
Be	9	6	1	5.24	26.22	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	250958	0.68	236393	106.2	60	120	
Tb	159	1	269674	1.48	251103	107.4	60	120	
In	115	1	61805	0.34	56587	109.2	60	120	
Ge	74	1	7578	0.97	6666	113.7	60	120	
Sc	45	1	58765	1.09	53320	110.2	60	120	
Li	6	1	11667	0.77	11317	103.1	60	120	

Sample Report

Sample Name	**PDS 460-51315-A-2-B@5**
Data File Name	**038SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:30:59-05:00**
Type	**Sample**
VialNumber	**2403**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	4.93	24.64	ug/l	3600	
Tl	205	209	1	3.88	19.41	ug/l	720	
Ba	137	159	1	14.92	74.62	ug/l	3600	
Sb	121	115	1	4.60	23.00	ug/l	3600	
Sn	118	115	1	10.13	50.64	ug/l	3600	
Cd	111	115	1	5.16	25.82	ug/l	3600	
Ag	107	115	1	4.92	24.58	ug/l	180	
Mo	95	115	1	11.01	55.03	ug/l	1800	
Sr	88	115	1	42.02	210.10	ug/l	900	
Se	78	74	1	10.74	53.72	ug/l	3600	
As	75	74	1	10.58	52.88	ug/l	3600	
Zn	66	45	1	52.65	263.25	ug/l	900	
Cu	63	45	1	11.06	55.28	ug/l	900	
Ni	60	45	1	10.99	54.96	ug/l	900	
Co	59	45	1	4.95	24.77	ug/l	1800	
Fe	56	45	1	564.08	2820.38	ug/l	360000	
Mn	55	45	1	75.03	375.17	ug/l	36000	
Cr	52	45	1	9.72	48.60	ug/l	3600	
V	51	45	1	9.88	49.38	ug/l	3600	
Ti	47	45	1	10.92	54.59	ug/l	3600	
Ca	44	45	1	6840.11	34200.55	ug/l	360000	
K	39	45	1	2709.55	13547.76	ug/l	360000	
Al	27	45	1	482.74	2413.68	ug/l	36000	
Mg	24	45	1	3297.96	16489.79	ug/l	90000	
Na	23	45	1	19168.17	95840.83	ug/l	90000	
B	11	6	1	140.19	700.95	ug/l	7200	
Be	9	6	1	5.31	26.53	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	236380	0.63	236393	100.0	60	120	
Tb	159	1	261663	0.24	251103	104.2	60	120	
In	115	1	59248	0.88	56587	104.7	60	120	
Ge	74	1	7387	0.85	6666	110.8	60	120	
Sc	45	1	57093	1.40	53320	107.1	60	120	
Li	6	1	11563	1.26	11317	102.2	60	120	

Sample Report

Sample Name	**460-51315-A-2-D MS@5**
Data File Name	**039SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:34:35-05:00**
Type	**Sample**
VialNumber	**2404**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	5.07	25.33	ug/l	3600	
Tl	205	209	1	3.85	19.26	ug/l	720	
Ba	137	159	1	14.73	73.66	ug/l	3600	
Sb	121	115	1	5.20	25.99	ug/l	3600	
Sn	118	115	1	9.65	48.25	ug/l	3600	
Cd	111	115	1	5.27	26.33	ug/l	3600	
Ag	107	115	1	4.82	24.09	ug/l	180	
Mo	95	115	1	10.93	54.66	ug/l	1800	
Sr	88	115	1	41.68	208.42	ug/l	900	
Se	78	74	1	8.35	41.74	ug/l	3600	
As	75	74	1	9.73	48.67	ug/l	3600	
Zn	66	45	1	52.77	263.85	ug/l	900	
Cu	63	45	1	11.01	55.07	ug/l	900	
Ni	60	45	1	10.34	51.68	ug/l	900	
Co	59	45	1	5.00	25.01	ug/l	1800	
Fe	56	45	1	566.98	2834.91	ug/l	360000	
Mn	55	45	1	74.97	374.83	ug/l	36000	
Cr	52	45	1	9.95	49.74	ug/l	3600	
V	51	45	1	10.02	50.10	ug/l	3600	
Ti	47	45	1	11.22	56.10	ug/l	3600	
Ca	44	45	1	6745.16	33725.81	ug/l	360000	
K	39	45	1	2664.31	13321.56	ug/l	360000	
Al	27	45	1	486.85	2434.25	ug/l	36000	
Mg	24	45	1	3242.92	16214.59	ug/l	90000	
Na	23	45	1	19010.29	95051.45	ug/l	90000	
B	11	6	1	149.02	745.09	ug/l	7200	
Be	9	6	1	5.05	25.27	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	235765	0.28	236393	99.7	60	120	
Tb	159	1	260706	0.45	251103	103.8	60	120	
In	115	1	59207	0.61	56587	104.6	60	120	
Ge	74	1	7436	1.95	6666	111.5	60	120	
Sc	45	1	57694	0.80	53320	108.2	60	120	
Li	6	1	11484	0.32	11317	101.5	60	120	

Sample Report

Sample Name	**460-51315-A-2-C DU@5**
Data File Name	**040SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:38:12-05:00**
Type	**Sample**
VialNumber	**2405**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.06	0.32	ug/l	3600	
Tl	205	209	1	0.02	0.12	ug/l	720	
Ba	137	159	1	4.86	24.32	ug/l	3600	
Sb	121	115	1	0.10	0.52	ug/l	3600	
Sn	118	115	1	0.08	0.39	ug/l	3600	
Cd	111	115	1	0.40	2.01	ug/l	3600	
Ag	107	115	1	0.01	0.05	ug/l	180	
Mo	95	115	1	1.30	6.50	ug/l	1800	
Sr	88	115	1	31.41	157.05	ug/l	900	
Se	78	74	1	0.29	1.46	ug/l	3600	
As	75	74	1	0.20	0.99	ug/l	3600	
Zn	66	45	1	3.64	18.19	ug/l	900	
Cu	63	45	1	1.33	6.63	ug/l	900	
Ni	60	45	1	0.98	4.92	ug/l	900	
Co	59	45	1	0.25	1.27	ug/l	1800	
Fe	56	45	1	55.80	278.98	ug/l	360000	
Mn	55	45	1	25.96	129.80	ug/l	36000	
Cr	52	45	1	0.17	0.86	ug/l	3600	
V	51	45	1	0.22	1.08	ug/l	3600	
Ti	47	45	1	0.24	1.21	ug/l	3600	
Ca	44	45	1	6284.17	31420.86	ug/l	360000	
K	39	45	1	2198.06	10990.31	ug/l	360000	
Al	27	45	1	6.15	30.73	ug/l	36000	
Mg	24	45	1	2745.98	13729.92	ug/l	90000	
Na	23	45	1	18469.99	92349.96	ug/l	90000	
B	11	6	1	44.41	222.06	ug/l	7200	
Be	9	6	1	0.02	0.08	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	241962	1.07	236393	102.4	60	120	
Tb	159	1	266260	0.55	251103	106.0	60	120	
In	115	1	61596	0.36	56587	108.9	60	120	
Ge	74	1	7669	1.65	6666	115.0	60	120	
Sc	45	1	58619	0.41	53320	109.9	60	120	
Li	6	1	11587	1.86	11317	102.4	60	120	

Sample Report

Sample Name	**460-51315-A-2-B@5**
Data File Name	**041SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:41:49-05:00**
Type	**Sample**
VialNumber	**2406**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.07	0.33	ug/l	3600	
Tl	205	209	1	0.01	0.03	ug/l	720	
Ba	137	159	1	4.79	23.95	ug/l	3600	
Sb	121	115	1	0.13	0.65	ug/l	3600	
Sn	118	115	1	0.10	0.49	ug/l	3600	
Cd	111	115	1	0.48	2.38	ug/l	3600	
Ag	107	115	1	0.01	0.05	ug/l	180	
Mo	95	115	1	1.27	6.33	ug/l	1800	
Sr	88	115	1	32.27	161.36	ug/l	900	
Se	78	74	1	0.05	0.24	ug/l	3600	
As	75	74	1	0.19	0.93	ug/l	3600	
Zn	66	45	1	3.89	19.47	ug/l	900	
Cu	63	45	1	1.30	6.51	ug/l	900	
Ni	60	45	1	0.95	4.77	ug/l	900	
Co	59	45	1	0.21	1.06	ug/l	1800	
Fe	56	45	1	56.96	284.79	ug/l	360000	
Mn	55	45	1	26.99	134.96	ug/l	36000	
Cr	52	45	1	0.22	1.10	ug/l	3600	
V	51	45	1	0.25	1.27	ug/l	3600	
Ti	47	45	1	0.14	0.70	ug/l	3600	
Ca	44	45	1	6367.42	31837.11	ug/l	360000	
K	39	45	1	2239.92	11199.60	ug/l	360000	
Al	27	45	1	2.53	12.67	ug/l	36000	
Mg	24	45	1	2811.37	14056.87	ug/l	90000	
Na	23	45	1	18849.13	94245.67	ug/l	90000	
B	11	6	1	42.07	210.34	ug/l	7200	
Be	9	6	1	0.02	0.08	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	242570	0.75	236393	102.6	60	120	
Tb	159	1	268343	0.74	251103	106.9	60	120	
In	115	1	60934	0.54	56587	107.7	60	120	
Ge	74	1	7447	3.32	6666	111.7	60	120	
Sc	45	1	57768	0.61	53320	108.3	60	120	
Li	6	1	11652	0.87	11317	103.0	60	120	

Sample Report

Sample Name	**SD 460-51315-A-2-B@25**
Data File Name	**042SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:45:26-05:00**
Type	**Sample**
VialNumber	**2407**
Dilution	**25**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.02	0.43	ug/l	3600	
Tl	205	209	1	0.01	0.14	ug/l	720	
Ba	137	159	1	0.84	20.95	ug/l	3600	
Sb	121	115	1	0.03	0.79	ug/l	3600	
Sn	118	115	1	0.07	1.74	ug/l	3600	
Cd	111	115	1	0.09	2.34	ug/l	3600	
Ag	107	115	1	0.00	0.01	ug/l	180	
Mo	95	115	1	0.27	6.78	ug/l	1800	
Sr	88	115	1	6.22	155.61	ug/l	900	
Se	78	74	1	0.08	2.00	ug/l	3600	
As	75	74	1	-0.02	-0.39	ug/l	3600	
Zn	66	45	1	0.82	20.62	ug/l	900	
Cu	63	45	1	0.29	7.28	ug/l	900	
Ni	60	45	1	0.21	5.34	ug/l	900	
Co	59	45	1	0.03	0.83	ug/l	1800	
Fe	56	45	1	13.15	328.80	ug/l	360000	
Mn	55	45	1	5.33	133.34	ug/l	36000	
Cr	52	45	1	0.07	1.68	ug/l	3600	
V	51	45	1	0.09	2.27	ug/l	3600	
Ti	47	45	1	0.08	2.09	ug/l	3600	
Ca	44	45	1	1259.94	31498.43	ug/l	360000	
K	39	45	1	439.93	10998.16	ug/l	360000	
Al	27	45	1	-0.52	-13.00	ug/l	36000	
Mg	24	45	1	548.30	13707.51	ug/l	90000	
Na	23	45	1	3785.19	94629.85	ug/l	90000	
B	11	6	1	9.58	239.55	ug/l	7200	
Be	9	6	1	-0.01	-0.23	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	251659	0.76	236393	106.5	60	120	
Tb	159	1	268741	0.37	251103	107.0	60	120	
In	115	1	62731	0.21	56587	110.9	60	120	
Ge	74	1	7700	0.83	6666	115.5	60	120	
Sc	45	1	60477	0.66	53320	113.4	60	120	
Li	6	1	11918	1.32	11317	105.3	60	120	

Sample Report

Sample Name	**450-9426-D-13-B@5**
Data File Name	**043SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:49:03-05:00**
Type	**Sample**
VialNumber	**2408**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.20	0.98	ug/l	3600	
Tl	205	209	1	0.00	0.00	ug/l	720	
Ba	137	159	1	22.37	111.86	ug/l	3600	
Sb	121	115	1	1.42	7.10	ug/l	3600	
Sn	118	115	1	0.15	0.77	ug/l	3600	
Cd	111	115	1	0.05	0.23	ug/l	3600	
Ag	107	115	1	0.00	0.02	ug/l	180	
Mo	95	115	1	102.50	512.49	ug/l	1800	
Sr	88	115	1	1143.72	5718.61	ug/l	900	fail
Se	78	74	1	0.46	2.28	ug/l	3600	
As	75	74	1	2.32	11.61	ug/l	3600	
Zn	66	45	1	12.26	61.30	ug/l	900	
Cu	63	45	1	2.11	10.53	ug/l	900	
Ni	60	45	1	3.62	18.12	ug/l	900	
Co	59	45	1	0.19	0.93	ug/l	1800	
Fe	56	45	1	484.70	2423.50	ug/l	360000	
Mn	55	45	1	23.81	119.07	ug/l	36000	
Cr	52	45	1	4.39	21.94	ug/l	3600	
V	51	45	1	0.56	2.79	ug/l	3600	
Ti	47	45	1	0.57	2.83	ug/l	3600	
Ca	44	45	1	75865.36	379326.78	ug/l	360000	
K	39	45	1	226148.65	1130743.23	ug/l	360000	
Al	27	45	1	16.81	84.03	ug/l	36000	
Mg	24	45	1	1552.35	7761.76	ug/l	90000	
Na	23	45	1	43682.84	218414.18	ug/l	90000	
B	11	6	1	57.07	285.34	ug/l	7200	
Be	9	6	1	0.03	0.13	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	227868	1.94	236393	96.4	60	120	
Tb	159	1	273010	0.45	251103	108.7	60	120	
In	115	1	61833	1.08	56587	109.3	60	120	
Ge	74	1	7858	0.85	6666	117.9	60	120	
Sc	45	1	62687	1.51	53320	117.6	60	120	
Li	6	1	12148	1.23	11317	107.3	60	120	

Sample Report

Sample Name	**450-9426-D-14-B@5**
Data File Name	**044SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:52:39-05:00**
Type	**Sample**
VialNumber	**2409**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	2.17	10.87	ug/l	3600	
Tl	205	209	1	0.00	0.01	ug/l	720	
Ba	137	159	1	34.59	172.95	ug/l	3600	
Sb	121	115	1	2.49	12.46	ug/l	3600	
Sn	118	115	1	0.26	1.31	ug/l	3600	
Cd	111	115	1	0.06	0.30	ug/l	3600	
Ag	107	115	1	0.03	0.15	ug/l	180	
Mo	95	115	1	97.40	487.01	ug/l	1800	
Sr	88	115	1	1200.09	6000.47	ug/l	900	fail
Se	78	74	1	1.90	9.51	ug/l	3600	
As	75	74	1	3.25	16.24	ug/l	3600	
Zn	66	45	1	22.50	112.51	ug/l	900	
Cu	63	45	1	18.65	93.23	ug/l	900	
Ni	60	45	1	13.60	67.99	ug/l	900	
Co	59	45	1	0.17	0.87	ug/l	1800	
Fe	56	45	1	1120.74	5603.72	ug/l	360000	
Mn	55	45	1	26.81	134.05	ug/l	36000	
Cr	52	45	1	11.96	59.78	ug/l	3600	
V	51	45	1	1.25	6.24	ug/l	3600	
Ti	47	45	1	1.44	7.21	ug/l	3600	
Ca	44	45	1	64023.90	320119.51	ug/l	360000	
K	39	45	1	246710.54	1233552.72	ug/l	360000	
Al	27	45	1	40.61	203.05	ug/l	36000	
Mg	24	45	1	1755.62	8778.09	ug/l	90000	
Na	23	45	1	51345.34	256726.72	ug/l	90000	
B	11	6	1	56.83	284.16	ug/l	7200	
Be	9	6	1	0.03	0.13	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	232155	1.13	236393	98.2	60	120	
Tb	159	1	269604	0.85	251103	107.4	60	120	
In	115	1	61530	1.21	56587	108.7	60	120	
Ge	74	1	7722	2.12	6666	115.8	60	120	
Sc	45	1	62583	1.39	53320	117.4	60	120	
Li	6	1	12312	1.01	11317	108.8	60	120	

Sample Report

Sample Name	**460-51382-A-1-A@5**
Data File Name	**045SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:56:16-05:00**
Type	**Sample**
VialNumber	**2410**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.83	4.15	ug/l	3600	
Tl	205	209	1	0.01	0.03	ug/l	720	
Ba	137	159	1	10.90	54.52	ug/l	3600	
Sb	121	115	1	14.58	72.88	ug/l	3600	
Sn	118	115	1	0.06	0.32	ug/l	3600	
Cd	111	115	1	0.00	0.00	ug/l	3600	
Ag	107	115	1	0.00	0.01	ug/l	180	
Mo	95	115	1	0.54	2.72	ug/l	1800	
Sr	88	115	1	29.49	147.44	ug/l	900	
Se	78	74	1	39.26	196.29	ug/l	3600	
As	75	74	1	0.35	1.77	ug/l	3600	
Zn	66	45	1	16.22	81.12	ug/l	900	
Cu	63	45	1	1.86	9.31	ug/l	900	
Ni	60	45	1	10.60	53.00	ug/l	900	
Co	59	45	1	0.86	4.28	ug/l	1800	
Fe	56	45	1	56.32	281.58	ug/l	360000	
Mn	55	45	1	1.39	6.97	ug/l	36000	
Cr	52	45	1	0.59	2.96	ug/l	3600	
V	51	45	1	6.84	34.18	ug/l	3600	
Tl	47	45	1	8.73	43.65	ug/l	3600	
Ca	44	45	1	7613.24	38066.22	ug/l	360000	
K	39	45	1	2091.83	10459.13	ug/l	360000	
Al	27	45	1	314.08	1570.38	ug/l	36000	
Mg	24	45	1	2474.09	12370.47	ug/l	90000	
Na	23	45	1	414322.48	2071612.41	ug/l	90000	fail
B	11	6	1	28.99	144.97	ug/l	7200	
Be	9	6	1	0.00	0.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	212807	0.11	236393	90.0	60	120	
Tb	159	1	259608	0.42	251103	103.4	60	120	
In	115	1	58069	0.31	56587	102.6	60	120	
Ge	74	1	7400	2.82	6666	111.0	60	120	
Sc	45	1	58450	0.37	53320	109.6	60	120	
Li	6	1	11016	0.71	11317	97.3	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0466CCV.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T05:59:53-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	48.47	4.62	ug/l	2314.09	4.99	50	96.9	90	110	
B	11	6	1	96.41	2.44	ug/l	2195.78	2.28	100	96.4	90	110	
Na	23	45	1	4851.40	0.16	ug/l	1535209.46	0.43	5000	97.0	90	110	
Mg	24	45	1	4929.96	0.47	ug/l	788612.11	0.27	5000	98.6	90	110	
Al	27	45	1	483.56	0.36	ug/l	32031.27	0.13	500	96.7	90	110	
K	39	45	1	4963.03	0.58	ug/l	448211.55	0.91	5000	99.3	90	110	
Ca	44	45	1	4927.68	0.41	ug/l	22512.15	0.84	5000	98.6	90	110	
Ti	47	45	1	50.18	7.64	ug/l	1164.52	8.07	50	100.4	90	110	
V	51	45	1	48.89	1.70	ug/l	28817.92	1.28	50	97.8	90	110	
Cr	52	45	1	48.95	0.90	ug/l	37065.02	1.18	50	97.9	90	110	
Mn	55	45	1	492.41	0.59	ug/l	278698.12	0.53	500	98.5	90	110	
Fe	56	45	1	4946.11	0.91	ug/l	3404053.63	0.50	5000	98.9	90	110	
Co	59	45	1	48.20	0.37	ug/l	49343.46	0.18	50	96.4	90	110	
Ni	60	45	1	49.38	1.40	ug/l	12031.59	1.64	50	98.8	90	110	
Cu	63	45	1	48.63	1.77	ug/l	31489.85	1.52	50	97.3	90	110	
Zn	66	45	1	50.70	1.89	ug/l	7145.20	1.48	50	101.4	90	110	
As	75	74	1	51.49	2.70	ug/l	2861.97	1.56	50	103.0	90	110	
Se	78	74	1	51.54	1.02	ug/l	432.79	0.62	50	103.1	90	110	
Sr	88	115	1	49.62	2.07	ug/l	29515.49	0.62	50	99.2	90	110	
Mo	95	115	1	48.63	1.58	ug/l	17248.99	0.13	50	97.3	90	110	
Ag	107	115	1	48.50	1.75	ug/l	61544.84	1.33	50	97.0	90	110	
Cd	111	115	1	48.67	1.43	ug/l	11503.62	0.24	50	97.3	90	110	
Sn	118	115	1	48.67	0.78	ug/l	27321.94	0.72	50	97.3	90	110	
Sb	121	115	1	49.50	1.18	ug/l	30713.01	1.18	50	99.0	90	110	
Ba	137	159	1	50.48	0.90	ug/l	11742.74	0.90	50	101.0	90	110	
Tl	205	209	1	9.73	0.56	ug/l	65555.36	0.91	10	97.3	90	110	
Pb	208	209	1	49.54	0.58	ug/l	442762.29	0.36	50	99.1	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12393	0.41	11317	109.5	60	120	
Sc	45	1	63574	0.43	53320	119.2	60	120	
Ge	74	1	8160	1.11	6666	122.4	60	120	fail
In	115	1	65634	1.49	56587	116.0	60	120	
Tb	159	1	280953	0.19	251103	111.9	60	120	
Bi	209	1	255332	0.77	236393	108.0	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0476CCB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:03:29-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.03	134.54	ug/l	1.67	99.90	0.2	
B	11	6	1	2.75	19.01	ug/l	95.56	12.25	20	
Na	23	45	1	5.86	73.25	ug/l	35428.44	2.72	50	
Mg	24	45	1	-0.14	-164.47	ug/l	217.79	16.37	50	
Al	27	45	1	-1.72	-15.17	ug/l	38.89	42.92	10	
K	39	45	1	0.06	8298.81	ug/l	8997.26	3.72	50	
Ca	44	45	1	0.44	201.04	ug/l	19.45	19.80	50	
Ti	47	45	1	0.03	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	1	0.02	166.66	ug/l	98.89	15.93	1	
Cr	52	45	1	0.04	87.45	ug/l	106.67	22.54	1	
Mn	55	45	1	0.08	28.30	ug/l	63.33	18.98	2	
Fe	56	45	1	-1.45	-16.08	ug/l	1382.86	10.36	30	
Co	59	45	1	-0.01	-24.55	ug/l	7.78	24.71	1	
Ni	60	45	1	-0.02	-185.84	ug/l	8.89	108.30	1	
Cu	63	45	1	0.33	24.92	ug/l	338.91	15.69	1	
Zn	66	45	1	-0.02	-236.95	ug/l	11.11	69.25	4	
As	75	74	1	-0.06	-82.03	ug/l	2.78	91.68	0.5	
Se	78	74	1	0.15	177.44	ug/l	2.22	94.40	0.5	
Sr	88	115	1	0.01	107.64	ug/l	6.67	86.60	1	
Mo	95	115	1	0.05	10.55	ug/l	34.44	5.60	1	
Ag	107	115	1	0.01	27.93	ug/l	17.78	21.66	1	
Cd	111	115	1	0.00	174.12	ug/l	2.22	86.60	0.5	
Sn	118	115	1	0.09	45.98	ug/l	78.89	28.14	4	
Sb	121	115	1	0.02	160.54	ug/l	41.11	55.20	0.5	
Ba	137	159	1	0.02	140.48	ug/l	6.67	86.60	1	
Tl	205	209	1	0.07	15.74	ug/l	590.03	12.24	0.2	
Pb	208	209	1	0.01	33.04	ug/l	224.45	14.27	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12011	0.40	11317	106.1	60	120	
Sc	45	1	61474	0.89	53320	115.3	60	120	
Ge	74	1	7760	0.53	6666	116.4	60	120	
In	115	1	65721	0.14	56587	116.1	60	120	
Tb	159	1	278190	0.24	251103	110.8	60	120	
Bi	209	1	256436	1.02	236393	108.5	60	120	

TuneStep	TuneFile
1	helium.u

Sample Report

Sample Name	**460-51343-D-3-B@5**
Data File Name	**048SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:07:08-05:00**
Type	**Sample**
VialNumber	**2411**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	1.36	6.80	ug/l	3600	
Tl	205	209	1	0.11	0.57	ug/l	720	
Ba	137	159	1	16.68	83.39	ug/l	3600	
Sb	121	115	1	0.36	1.82	ug/l	3600	
Sn	118	115	1	0.18	0.88	ug/l	3600	
Cd	111	115	1	0.06	0.30	ug/l	3600	
Ag	107	115	1	0.00	0.01	ug/l	180	
Mo	95	115	1	1.09	5.46	ug/l	1800	
Sr	88	115	1	138.95	694.77	ug/l	900	
Se	78	74	1	0.47	2.34	ug/l	3600	
As	75	74	1	1.06	5.29	ug/l	3600	
Zn	66	45	1	32.82	164.09	ug/l	900	
Cu	63	45	1	1.45	7.23	ug/l	900	
Ni	60	45	1	2.32	11.60	ug/l	900	
Co	59	45	1	0.21	1.07	ug/l	1800	
Fe	56	45	1	173.06	865.32	ug/l	360000	
Mn	55	45	1	5.21	26.07	ug/l	36000	
Cr	52	45	1	0.35	1.73	ug/l	3600	
V	51	45	1	0.79	3.97	ug/l	3600	
Ti	47	45	1	4.97	24.86	ug/l	3600	
Ca	44	45	1	25383.76	126918.80	ug/l	360000	
K	39	45	1	4138.23	20691.17	ug/l	360000	
Al	27	45	1	110.32	551.59	ug/l	36000	
Mg	24	45	1	8988.90	44944.48	ug/l	90000	
Na	23	45	1	81110.96	405554.81	ug/l	90000	
B	11	6	1	37.04	185.18	ug/l	7200	
Be	9	6	1	0.04	0.20	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	236960	0.13	236393	100.2	60	120	
Tb	159	1	271802	0.83	251103	108.2	60	120	
In	115	1	62020	0.61	56587	109.6	60	120	
Ge	74	1	7634	2.45	6666	114.5	60	120	
Sc	45	1	60985	0.36	53320	114.4	60	120	
Li	6	1	11849	1.61	11317	104.7	60	120	

Sample Report

Sample Name	**460-51343-D-8-B@5**
Data File Name	**049SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:10:46-05:00**
Type	**Sample**
VialNumber	**2412**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	70.20	350.98	ug/l	3600	
Tl	205	209	1	0.12	0.61	ug/l	720	
Ba	137	159	1	53.73	268.65	ug/l	3600	
Sb	121	115	1	0.21	1.03	ug/l	3600	
Sn	118	115	1	3.85	19.23	ug/l	3600	
Cd	111	115	1	0.13	0.64	ug/l	3600	
Ag	107	115	1	0.05	0.23	ug/l	180	
Mo	95	115	1	1.99	9.97	ug/l	1800	
Sr	88	115	1	95.39	476.94	ug/l	900	
Se	78	74	1	0.16	0.82	ug/l	3600	
As	75	74	1	4.88	24.39	ug/l	3600	
Zn	66	45	1	73.85	369.27	ug/l	900	
Cu	63	45	1	16.13	80.66	ug/l	900	
Ni	60	45	1	14.65	73.24	ug/l	900	
Co	59	45	1	6.61	33.06	ug/l	1800	
Fe	56	45	1	15251.13	76255.63	ug/l	360000	
Mn	55	45	1	152.83	764.17	ug/l	36000	
Cr	52	45	1	26.80	133.98	ug/l	3600	
V	51	45	1	26.13	130.64	ug/l	3600	
Ti	47	45	1	451.24	2256.19	ug/l	3600	
Ca	44	45	1	19105.27	95526.36	ug/l	360000	
K	39	45	1	2592.41	12962.05	ug/l	360000	
Al	27	45	1	9101.06	45505.32	ug/l	36000	
Mg	24	45	1	6773.13	33865.64	ug/l	90000	
Na	23	45	1	64922.33	324611.67	ug/l	90000	
B	11	6	1	24.48	122.40	ug/l	7200	
Be	9	6	1	0.47	2.34	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	229457	0.63	236393	97.1	60	120	
Tb	159	1	261811	0.51	251103	104.3	60	120	
In	115	1	57832	1.04	56587	102.2	60	120	
Ge	74	1	7279	1.84	6666	109.2	60	120	
Sc	45	1	57867	0.81	53320	108.5	60	120	
Li	6	1	11206	1.16	11317	99.0	60	120	

Sample Report

Sample Name	**460-51298-A-1-A@5**
Data File Name	**050SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:14:20-05:00**
Type	**Sample**
VialNumber	**2501**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.14	0.72	ug/l	3600	
Tl	205	209	1	0.00	0.01	ug/l	720	
Ba	137	159	1	5.59	27.93	ug/l	3600	
Sb	121	115	1	0.13	0.63	ug/l	3600	
Sn	118	115	1	0.24	1.22	ug/l	3600	
Cd	111	115	1	0.03	0.15	ug/l	3600	
Ag	107	115	1	0.10	0.49	ug/l	180	
Mo	95	115	1	2.72	13.59	ug/l	1800	
Sr	88	115	1	16.07	80.34	ug/l	900	
Se	78	74	1	-0.02	-0.11	ug/l	3600	
As	75	74	1	0.09	0.43	ug/l	3600	
Zn	66	45	1	30.21	151.06	ug/l	900	
Cu	63	45	1	15.87	79.36	ug/l	900	
Ni	60	45	1	18.08	90.41	ug/l	900	
Co	59	45	1	0.43	2.15	ug/l	1800	
Fe	56	45	1	499.51	2497.55	ug/l	360000	
Mn	55	45	1	8.23	41.17	ug/l	36000	
Cr	52	45	1	105.86	529.28	ug/l	3600	
V	51	45	1	0.51	2.56	ug/l	3600	
Ti	47	45	1	1.40	6.98	ug/l	3600	
Ca	44	45	1	4989.61	24948.04	ug/l	360000	
K	39	45	1	403.98	2019.92	ug/l	360000	
Al	27	45	1	46.35	231.75	ug/l	36000	
Mg	24	45	1	1122.59	5612.93	ug/l	90000	
Na	23	45	1	18815.20	94076.02	ug/l	90000	
B	11	6	1	11.22	56.11	ug/l	7200	
Be	9	6	1	0.02	0.08	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	244302	0.63	236393	103.3	60	120	
Tb	159	1	266172	0.38	251103	106.0	60	120	
In	115	1	60877	0.55	56587	107.6	60	120	
Ge	74	1	7457	1.51	6666	111.9	60	120	
Sc	45	1	58127	0.53	53320	109.0	60	120	
Li	6	1	11652	1.92	11317	103.0	60	120	

Sample Report

Sample Name	**460-51299-A-1-A@5**
Data File Name	**051SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:17:56-05:00**
Type	**Sample**
VialNumber	**2502**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.16	0.80	ug/l	3600	
Tl	205	209	1	0.00	0.00	ug/l	720	
Ba	137	159	1	27.40	137.01	ug/l	3600	
Sb	121	115	1	0.20	1.01	ug/l	3600	
Sn	118	115	1	0.27	1.36	ug/l	3600	
Cd	111	115	1	0.03	0.14	ug/l	3600	
Ag	107	115	1	0.08	0.38	ug/l	180	
Mo	95	115	1	2.33	11.65	ug/l	1800	
Sr	88	115	1	55.42	277.12	ug/l	900	
Se	78	74	1	0.73	3.65	ug/l	3600	
As	75	74	1	0.09	0.44	ug/l	3600	
Zn	66	45	1	20.97	104.87	ug/l	900	
Cu	63	45	1	4.66	23.28	ug/l	900	
Ni	60	45	1	1.73	8.65	ug/l	900	
Co	59	45	1	0.12	0.58	ug/l	1800	
Fe	56	45	1	124.90	624.52	ug/l	360000	
Mn	55	45	1	8.51	42.53	ug/l	36000	
Cr	52	45	1	1.83	9.13	ug/l	3600	
V	51	45	1	0.15	0.73	ug/l	3600	
Ti	47	45	1	0.35	1.75	ug/l	3600	
Ca	44	45	1	9515.68	47578.41	ug/l	360000	
K	39	45	1	1572.91	7864.57	ug/l	360000	
Al	27	45	1	24.52	122.60	ug/l	36000	
Mg	24	45	1	2355.19	11775.93	ug/l	90000	
Na	23	45	1	910473.81	4552369.04	ug/l	90000	fail
B	11	6	1	95.70	478.50	ug/l	7200	
Be	9	6	1	0.00	0.02	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	197332	0.60	236393	83.5	60	120	
Tb	159	1	249679	0.41	251103	99.4	60	120	
In	115	1	55156	0.47	56587	97.5	60	120	
Ge	74	1	6939	1.48	6666	104.1	60	120	
Sc	45	1	58050	1.27	53320	108.9	60	120	
Li	6	1	10154	1.28	11317	89.7	60	120	

Sample Report

Sample Name	**460-51299-A-2-A@5**
Data File Name	**052SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:21:33-05:00**
Type	**Sample**
VialNumber	**2503**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Fail**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.12	0.61	ug/l	3600	
Tl	205	209	1	0.00	0.01	ug/l	720	
Ba	137	159	1	11.93	59.67	ug/l	3600	
Sb	121	115	1	0.19	0.95	ug/l	3600	
Sn	118	115	1	0.07	0.33	ug/l	3600	
Cd	111	115	1	0.01	0.03	ug/l	3600	
Ag	107	115	1	0.00	0.02	ug/l	180	
Mo	95	115	1	1.67	8.36	ug/l	1800	
Sr	88	115	1	58.78	293.89	ug/l	900	
Se	78	74	1	0.22	1.10	ug/l	3600	
As	75	74	1	0.27	1.33	ug/l	3600	
Zn	66	45	1	10.09	50.47	ug/l	900	
Cu	63	45	1	7.42	37.08	ug/l	900	
Ni	60	45	1	1.68	8.38	ug/l	900	
Co	59	45	1	0.09	0.43	ug/l	1800	
Fe	56	45	1	52.80	264.02	ug/l	360000	
Mn	55	45	1	10.40	52.01	ug/l	36000	
Cr	52	45	1	0.45	2.23	ug/l	3600	
V	51	45	1	0.15	0.77	ug/l	3600	
Ti	47	45	1	0.29	1.46	ug/l	3600	
Ca	44	45	1	13472.79	67363.95	ug/l	360000	
K	39	45	1	1830.83	9154.13	ug/l	360000	
Al	27	45	1	2.19	10.97	ug/l	36000	
Mg	24	45	1	2953.32	14766.58	ug/l	90000	
Na	23	45	1	939826.03	4699130.15	ug/l	90000	fail
B	11	6	1	86.40	432.02	ug/l	7200	
Be	9	6	1	0.07	0.36	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	195435	1.18	236393	82.7	60	120	
Tb	159	1	249712	0.47	251103	99.4	60	120	
In	115	1	55520	0.11	56587	98.1	60	120	
Ge	74	1	6914	1.27	6666	103.7	60	120	
Sc	45	1	58891	1.10	53320	110.4	60	120	
Li	6	1	10425	2.03	11317	92.1	60	120	

Sample Report

Sample Name	**460-51315-A-1-A@5**
Data File Name	**053SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:25:10-05:00**
Type	**Sample**
VialNumber	**2504**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.72	3.59	ug/l	3600	
Tl	205	209	1	0.00	-0.01	ug/l	720	
Ba	137	159	1	17.23	86.17	ug/l	3600	
Sb	121	115	1	0.14	0.71	ug/l	3600	
Sn	118	115	1	0.47	2.34	ug/l	3600	
Cd	111	115	1	0.02	0.10	ug/l	3600	
Ag	107	115	1	0.10	0.50	ug/l	180	
Mo	95	115	1	1.32	6.62	ug/l	1800	
Sr	88	115	1	33.99	169.97	ug/l	900	
Se	78	74	1	0.31	1.56	ug/l	3600	
As	75	74	1	0.18	0.89	ug/l	3600	
Zn	66	45	1	23.51	117.56	ug/l	900	
Cu	63	45	1	10.67	53.33	ug/l	900	
Ni	60	45	1	0.97	4.85	ug/l	900	
Co	59	45	1	0.25	1.26	ug/l	1800	
Fe	56	45	1	964.20	4821.01	ug/l	360000	
Mn	55	45	1	39.45	197.27	ug/l	36000	
Cr	52	45	1	1.18	5.91	ug/l	3600	
V	51	45	1	0.39	1.97	ug/l	3600	
Ti	47	45	1	1.88	9.38	ug/l	3600	
Ca	44	45	1	6483.53	32417.63	ug/l	360000	
K	39	45	1	2263.64	11318.20	ug/l	360000	
Al	27	45	1	333.09	1665.46	ug/l	36000	
Mg	24	45	1	2802.26	14011.28	ug/l	90000	
Na	23	45	1	18410.47	92052.33	ug/l	90000	
B	11	6	1	34.93	174.66	ug/l	7200	
Be	9	6	1	0.00	0.01	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	255140	0.93	236393	107.9	60	120	
Tb	159	1	277755	0.69	251103	110.6	60	120	
In	115	1	63516	1.26	56587	112.2	60	120	
Ge	74	1	7901	0.99	6666	118.5	60	120	
Sc	45	1	61156	0.80	53320	114.7	60	120	
Li	6	1	12040	1.50	11317	106.4	60	120	

Sample Report

Sample Name	**460-51372-A-4-A@5**
Data File Name	**054SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:28:45-05:00**
Type	**Sample**
VialNumber	**2505**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	0.10	0.48	ug/l	3600	
Tl	205	209	1	0.00	-0.01	ug/l	720	
Ba	137	159	1	17.94	89.68	ug/l	3600	
Sb	121	115	1	0.13	0.64	ug/l	3600	
Sn	118	115	1	0.12	0.59	ug/l	3600	
Cd	111	115	1	0.00	-0.02	ug/l	3600	
Ag	107	115	1	0.02	0.09	ug/l	180	
Mo	95	115	1	0.12	0.60	ug/l	1800	
Sr	88	115	1	63.25	316.24	ug/l	900	
Se	78	74	1	0.27	1.35	ug/l	3600	
As	75	74	1	0.02	0.10	ug/l	3600	
Zn	66	45	1	3.84	19.21	ug/l	900	
Cu	63	45	1	1.68	8.38	ug/l	900	
Ni	60	45	1	2.27	11.35	ug/l	900	
Co	59	45	1	0.04	0.21	ug/l	1800	
Fe	56	45	1	**29.61**	148.05	ug/l	360000	
Mn	55	45	1	**55.39**	276.97	ug/l	36000	
Cr	52	45	1	**0.55**	2.77	ug/l	3600	
V	51	45	1	**0.19**	0.95	ug/l	3600	
Ti	47	45	1	**0.30**	1.48	ug/l	3600	
Ca	44	45	1	12813.52	64067.60	ug/l	360000	
K	39	45	1	2944.15	14720.75	ug/l	360000	
Al	27	45	1	2.59	12.96	ug/l	36000	
Mg	24	45	1	3606.58	18032.92	ug/l	90000	
Na	23	45	1	**39768.67**	198843.33	ug/l	90000	
B	11	6	1	**39.08**	195.40	ug/l	7200	
Be	9	6	1	**-0.01**	-0.05	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	240292	0.29	236393	101.6	60	120	
Tb	159	1	267732	0.06	251103	106.6	60	120	
In	115	1	60459	0.70	56587	106.8	60	120	
Ge	74	1	7467	1.55	6666	112.0	60	120	
Sc	45	1	58160	0.21	53320	109.1	60	120	
Li	6	1	11571	1.42	11317	102.2	60	120	

Sample Report

Sample Name	**460-51372-A-4-B MS@5**
Data File Name	**055SMPL.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:32:22-05:00**
Type	**Sample**
VialNumber	**2506**
Dilution	**5**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	FinalConcentration	Units	High Value	QC Flag
Pb	208	209	1	4.84	24.18	ug/l	3600	
Tl	205	209	1	3.59	17.93	ug/l	720	
Ba	137	159	1	27.48	137.42	ug/l	3600	
Sb	121	115	1	4.82	24.09	ug/l	3600	
Sn	118	115	1	8.40	42.00	ug/l	3600	
Cd	111	115	1	4.52	22.60	ug/l	3600	
Ag	107	115	1	4.59	22.95	ug/l	180	
Mo	95	115	1	9.11	45.56	ug/l	1800	
Sr	88	115	1	71.69	358.47	ug/l	900	
Se	78	74	1	10.55	52.76	ug/l	3600	
As	75	74	1	9.76	48.78	ug/l	3600	
Zn	66	45	1	48.50	242.52	ug/l	900	
Cu	63	45	1	11.00	55.00	ug/l	900	
Ni	60	45	1	11.47	57.33	ug/l	900	
Co	59	45	1	4.64	23.19	ug/l	1800	
Fe	56	45	1	509.69	2548.47	ug/l	360000	
Mn	55	45	1	100.50	502.48	ug/l	36000	
Cr	52	45	1	9.86	49.31	ug/l	3600	
V	51	45	1	9.45	47.23	ug/l	3600	
Ti	47	45	1	8.95	44.73	ug/l	3600	
Ca	44	45	1	12820.86	64104.30	ug/l	360000	
K	39	45	1	3343.27	16716.37	ug/l	360000	
Al	27	45	1	460.34	2301.69	ug/l	36000	
Mg	24	45	1	3986.97	19934.86	ug/l	90000	
Na	23	45	1	39471.58	197357.88	ug/l	90000	
B	11	6	1	133.63	668.17	ug/l	7200	
Be	9	6	1	4.71	23.57	ug/l	3600	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Reference CPS	%Recovery	Lower Limit	Upper Limit	QC Flag
Bi	209	1	232885	1.16	236393	98.5	60	120	
Tb	159	1	260201	0.55	251103	103.6	60	120	
In	115	1	59424	1.04	56587	105.0	60	120	
Ge	74	1	7248	1.15	6666	108.7	60	120	
Sc	45	1	57701	0.58	53320	108.2	60	120	
Li	6	1	11397	0.71	11317	100.7	60	120	

Continuing Calibration Verification (CCV) - US EPA Method 6020

Sample Name	**CCV 2015304**
Data File Name	**0566CCV.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:35:59-05:00**
Type	**6-CCV**
VialNumber	**1301**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	Exp Value	%Rec	QC Low	QC High	QC Flag
Be	9	6	1	50.49	1.49	ug/l	2357.43	2.04	50	101.0	90	110	
B	11	6	1	101.84	3.24	ug/l	2266.90	4.20	100	101.8	90	110	
Na	23	45	1	4849.09	1.45	ug/l	1467067.79	0.80	5000	97.0	90	110	
Mg	24	45	1	4974.13	1.36	ug/l	760715.26	0.45	5000	99.5	90	110	
Al	27	45	1	488.37	1.39	ug/l	30926.91	0.62	500	97.7	90	110	
K	39	45	1	4984.66	1.72	ug/l	430327.31	0.74	5000	99.7	90	110	
Ca	44	45	1	4918.65	1.34	ug/l	21483.50	0.87	5000	98.4	90	110	
Ti	47	45	1	47.39	5.58	ug/l	1051.18	5.14	50	94.8	90	110	
V	51	45	1	49.78	1.30	ug/l	28052.06	0.58	50	99.6	90	110	
Cr	52	45	1	49.38	2.84	ug/l	35740.95	2.17	50	98.8	90	110	
Mn	55	45	1	500.29	1.61	ug/l	270714.56	0.77	500	100.1	90	110	
Fe	56	45	1	4989.27	1.43	ug/l	3282916.69	0.70	5000	99.8	90	110	
Co	59	45	1	49.06	3.36	ug/l	48004.90	1.65	50	98.1	90	110	
Ni	60	45	1	49.41	3.68	ug/l	11505.65	1.91	50	98.8	90	110	
Cu	63	45	1	49.84	1.66	ug/l	30851.95	0.91	50	99.7	90	110	
Zn	66	45	1	51.67	4.23	ug/l	6959.53	2.45	50	103.3	90	110	
As	75	74	1	50.90	2.19	ug/l	2689.17	3.69	50	101.8	90	110	
Se	78	74	1	48.13	2.90	ug/l	384.17	4.45	50	96.3	90	110	
Sr	88	115	1	49.12	1.14	ug/l	28223.03	0.33	50	98.2	90	110	
Mo	95	115	1	48.85	0.72	ug/l	16739.52	1.01	50	97.7	90	110	
Ag	107	115	1	48.60	0.67	ug/l	59561.25	0.63	50	97.2	90	110	
Cd	111	115	1	49.36	2.24	ug/l	11268.95	1.73	50	98.7	90	110	
Sn	118	115	1	49.11	0.70	ug/l	26625.11	0.93	50	98.2	90	110	
Sb	121	115	1	49.66	1.12	ug/l	29763.28	0.40	50	99.3	90	110	
Ba	137	159	1	49.60	2.01	ug/l	11227.90	2.77	50	99.2	90	110	
Tl	205	209	1	9.76	0.63	ug/l	64085.03	1.72	10	97.6	90	110	
Pb	208	209	1	49.46	0.23	ug/l	430626.57	1.08	50	98.9	90	110	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	12122	1.56	11317	107.1	60	120	
Sc	45	1	60790	1.82	53320	114.0	60	120	
Ge	74	1	7753	2.23	6666	116.3	60	120	
In	115	1	63389	0.98	56587	112.0	60	120	
Tb	159	1	273376	0.94	251103	108.9	60	120	
Bi	209	1	248750	1.19	236393	105.2	60	120	

TuneStep	TuneFile
1	helium.u

Continuing Calibration Blank (CCB) - US EPA Method 6020

Sample Name	**CCB**
Data File Name	**0576CCB.D**
DataPath	**C:\ICPMH\1\DATA\13C01d00.B**
Acq Date Time	**2013-03-01T06:39:35-05:00**
Type	**6-CCB**
VialNumber	**1302**
Dilution	**1**
Comment	
Operator	**DE**
ISTDRefDataFileName	**003CALB.D**
SamplePassFail	**Pass**
ISTD PassFail	**Pass**

QC Analyte Table

Element	m/z	ISTD	Tune Step	Meas Value	%RSD	Units	CPS	CPS%RSD	QC High	QC Flag
Be	9	6	1	0.06	57.64	ug/l	3.33	49.95	0.2	
B	11	6	1	3.10	73.36	ug/l	102.23	47.51	20	
Na	23	45	1	25.25	18.70	ug/l	40787.55	4.13	50	
Mg	24	45	1	0.14	123.00	ug/l	257.79	10.77	50	
Al	27	45	1	-1.65	-5.56	ug/l	42.78	13.67	10	
K	39	45	1	-6.90	-21.03	ug/l	8312.42	1.76	50	
Ca	44	45	1	1.63	113.64	ug/l	24.44	33.63	50	
Ti	47	45	1	0.03	0.00	ug/l	0.00	#DIV/0!	1	
V	51	45	1	0.06	36.73	ug/l	123.34	10.81	1	
Cr	52	45	1	0.02	142.43	ug/l	95.56	26.41	1	
Mn	55	45	1	0.13	38.92	ug/l	92.23	30.32	2	
Fe	56	45	1	-1.37	-6.21	ug/l	1424.53	4.55	30	
Co	59	45	1	0.00	-54.94	ug/l	12.22	15.73	1	
Ni	60	45	1	0.00	-480.14	ug/l	13.33	25.01	1	
Cu	63	45	1	0.44	23.39	ug/l	402.24	16.46	1	
Zn	66	45	1	0.05	27.11	ug/l	21.11	9.11	4	
As	75	74	1	-0.04	-137.32	ug/l	3.89	65.47	0.5	
Se	78	74	1	0.01	1182.41	ug/l	1.11	86.60	0.5	
Sr	88	115	1	0.03	35.60	ug/l	20.00	33.35	1	
Mo	95	115	1	0.03	131.47	ug/l	27.78	54.12	1	
Ag	107	115	1	0.01	36.71	ug/l	14.45	26.66	1	
Cd	111	115	1	0.00	171.07	ug/l	2.22	86.60	0.5	
Sn	118	115	1	0.12	17.84	ug/l	98.89	12.76	4	
Sb	121	115	1	0.02	1.15	ug/l	40.00	0.00	0.5	
Ba	137	159	1	0.01	99.58	ug/l	4.44	43.40	1	
Tl	205	209	1	0.08	20.36	ug/l	622.26	16.16	0.2	
Pb	208	209	1	0.01	26.82	ug/l	222.23	11.06	0.3	

QC ISTD Table

Element	m/z	Tune Step	CPS	%RSD	Ref CPS	%Rec	QC Low	QC High	QC Flag
Li	6	1	11902	0.55	11317	105.2	60	120	
Sc	45	1	60797	0.79	53320	114.0	60	120	
Ge	74	1	7674	1.10	6666	115.1	60	120	
In	115	1	64477	0.39	56587	113.9	60	120	
Tb	159	1	272092	0.54	251103	108.4	60	120	
Bi	209	1	254063	1.24	236393	107.5	60	120	

TuneStep	TuneFile
1	helium.u

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 1 Rep: 1 Seq: 1 19:38:54 27 Feb 13 HG

Hg .000 ppb -5

*** Standard: 2 Rep: 1 Seq: 2 19:40:41 27 Feb 13 HG

Hg .200 ppb 571

*** Standard: 3 Rep: 1 Seq: 3 19:42:30 27 Feb 13 HG

Hg 1.00 ppb 2781

*** Standard: 4 Rep: 1 Seq: 4 19:44:17 27 Feb 13 HG

Hg 2.00 ppb 5418

*** Standard: 5 Rep: 1 Seq: 5 19:46:05 27 Feb 13 HG

Hg 5.00 ppb 13051

*** Standard: 6 Rep: 1 Seq: 6 19:48:22 27 Feb 13 HG

Hg 10.0 ppb 26028

*** Check Standard: 3 Ck3AICV Seq: 7 19:50:57 27 Feb 13 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 102. 5.11 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 8 19:52:41 27 Feb 13 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.098 .200 ppb .000

*** Sample ID: Seq: 9 19:54:26 27 Feb 13 HG
MCL
Hg 2.08 ppb .000 2.08

*** Sample ID: Seq: 10 19:56:13 27 Feb 13 HG
mb 460-148960/11-a
Hg -.049 ppb .000 -.049

*** Sample ID: Seq: 11 19:58:01 27 Feb 13 HG
lcs 460-148960/12-a
Hg 1.03 ppb .000 1.03

*** Sample ID: Seq: 12 19:59:49 27 Feb 13 HG
460-51333-e-9-d
Hg -.038 ppb .000 -.038

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 13 20:01:34 27 Feb 13 HG
460-51333-a-9-b du
Hg -.034 ppb .000 -.034

*** Sample ID: Seq: 14 20:03:49 27 Feb 13 HG
460-51333-e-9-e ms
Hg 1.08 ppb .000 1.08

*** Sample ID: Seq: 15 20:05:42 27 Feb 13 HG
460-51308-a-2-d
Hg -.041 ppb .000 -.041

*** Sample ID: Seq: 16 20:07:37 27 Feb 13 HG
460-51309-a-1-b
Hg -.024 ppb .000 -.024

*** Sample ID: Seq: 17 20:09:52 27 Feb 13 HG
460-51309-a-3-b
Hg -.023 ppb .000 -.023

*** Sample ID: Seq: 18 20:11:38 27 Feb 13 HG
460-51329-b-14-b
Hg -.025 ppb .000 -.025

*** Check Standard: 2 Ck2ACCV Seq: 19 20:13:56 27 Feb 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.03	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:15:59 27 Feb 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.058	.200	ppb	.000

*** Sample ID: Seq: 21 20:17:44 27 Feb 13 HG
460-51329-e-21-b
Hg 7.23 ppb .000 7.23

*** Sample ID: Seq: 22 20:19:40 27 Feb 13 HG
460-51333-e-1-b
Hg -.046 ppb .000 -.046

*** Sample ID: Seq: 23 20:21:23 27 Feb 13 HG
460-51333-e-3-b
Hg -.015 ppb .000 -.015

*** Sample ID: Seq: 24 20:23:16 27 Feb 13 HG
460-51333-e-4-b
Hg -.035 ppb .000 -.035

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 25 20:25:06 27 Feb 13 HG
460-51333-e-6-b
Hg -.035 ppb .000 -.035

*** Sample ID: Seq: 26 20:27:11 27 Feb 13 HG
460-51333-e-7-b
Hg -.045 ppb .000 -.045

*** Sample ID: Seq: 27 20:29:08 27 Feb 13 HG
460-51333-e-10-b
Hg -.031 ppb .000 -.031

*** Sample ID: Seq: 28 20:30:54 27 Feb 13 HG
460-51333-e-12-b
Hg .017 ppb .000 .017

*** Sample ID: Seq: 29 20:32:42 27 Feb 13 HG
460-51333-e-13-b
Hg -.035 ppb .000 -.035

*** Sample ID: Seq: 30 20:34:26 27 Feb 13 HG
460-51333-e-15-b
Hg -.030 ppb .000 -.030

*** Check Standard: 2 Ck2ACCV Seq: 31 20:36:52 27 Feb 13 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 102. 5.11 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:38:35 27 Feb 13 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.104 .200 ppb .000

*** Sample ID: Seq: 33 20:40:41 27 Feb 13 HG
460-51333-e-16-b
Hg -.048 ppb .000 -.048

*** Sample ID: Seq: 34 20:42:46 27 Feb 13 HG
460-51333-e-18-b
Hg -.032 ppb .000 -.032

*** Sample ID: Seq: 35 20:44:31 27 Feb 13 HG
460-51333-e-19-b
Hg -.026 ppb .000 -.026

*** Sample ID: Seq: 36 20:47:36 27 Feb 13 HG
460-51333-e-21-b
Hg -.037 ppb .000 -.037

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 20:49:25 27 Feb 13 HG
460-51387-f-1-a
Hg -.004 ppb .000 -.004

*** Sample ID: Seq: 38 20:51:14 27 Feb 13 HG
SD 460-51333-e-9-d@5
Hg -.041 ppb .000 -.041

*** Check Standard: 2 Ck2ACCV Seq: 39 20:53:32 27 Feb 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.21	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 20:55:15 27 Feb 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.103	.200	ppb	.000

*** Sample ID: Seq: 41 20:56:58 27 Feb 13 HG
mb 460-148961/10-a
Hg -.037 ppb .000 -.037

*** Sample ID: Seq: 42 20:58:52 27 Feb 13 HG
lcs 460-148961/11-a
Hg 2.02 ppb .000 2.02

*** Sample ID: Seq: 43 21:00:39 27 Feb 13 HG
460-51397-h-2-a
Hg -.046 ppb .000 -.046

*** Sample ID: Seq: 44 21:02:45 27 Feb 13 HG
460-51397-h-2-b du
Hg -.036 ppb .000 -.036

*** Sample ID: Seq: 45 21:04:32 27 Feb 13 HG
460-51397-h-2-c ms
Hg 2.21 ppb .000 2.21

*** Sample ID: Seq: 46 21:06:49 27 Feb 13 HG
460-51390-h-2-a
Hg -.035 ppb .000 -.035

*** Sample ID: Seq: 47 21:08:40 27 Feb 13 HG
460-51343-d-3-a
Hg -.012 ppb .000 -.012

*** Sample ID: Seq: 48 21:10:28 27 Feb 13 HG
460-51343-d-8-a
Hg .611 ppb .000 .611

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 21:12:43 27 Feb 13 HG
460-51297-a-1-b
Hg -.036 ppb .000 -.036

*** Sample ID: Seq: 50 21:14:49 27 Feb 13 HG
460-51312-e-1-a
Hg -.045 ppb .000 -.045

*** Check Standard: 2 Ck2ACCV Seq: 51 21:16:36 27 Feb 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.07	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 52 21:18:21 27 Feb 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.106	.200	ppb	.000

*** Sample ID: Seq: 53 21:20:15 27 Feb 13 HG
460-51312-e-2-a
Hg -.035 ppb .000 -.035

*** Sample ID: Seq: 54 21:22:01 27 Feb 13 HG
460-51312-e-3-a
Hg -.025 ppb .000 -.025

*** Sample ID: Seq: 55 21:24:07 27 Feb 13 HG
460-51315-a-2-a
Hg -.038 ppb .000 -.038

*** Sample ID: Seq: 56 21:25:52 27 Feb 13 HG
460-51397-h-1-a
Hg -.034 ppb .000 -.034

*** Sample ID: Seq: 57 21:27:41 27 Feb 13 HG
460-51397-h-3-a
Hg -.027 ppb .000 -.027

*** Sample ID: Seq: 58 21:30:16 27 Feb 13 HG
460-51397-h-4-a
Hg -.011 ppb .000 -.011

*** Sample ID: Seq: 59 21:32:01 27 Feb 13 HG
SD 460-51397-h-2-a@5
Hg -.034 ppb .000 -.034

*** Check Standard: 2 Ck2ACCV Seq: 60 21:33:58 27 Feb 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	5.24	5.00	ppb	.000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 61 21:35:41 27 Feb 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.103	.200	ppb	.000

*** Sample ID: Seq: 62 21:37:24 27 Feb 13 HG
mb 460-148962/10-a

Hg	-.036	ppb	.000	-.036

*** Sample ID: Seq: 63 21:39:48 27 Feb 13 HG
lcs 460-148962/11-a

Hg	5.07	ppb	.000	5.07

*** Sample ID: Seq: 64 21:41:41 27 Feb 13 HG
460-51261-b-1-e

Hg	-.070	ppb	.000	-.070

*** Sample ID: Seq: 65 21:43:38 27 Feb 13 HG
460-51261-b-1-f du

Hg	-.040	ppb	.000	-.040

*** Sample ID: Seq: 66 21:45:42 27 Feb 13 HG
460-51261-b-1-g ms

Hg	5.23	ppb	.000	5.23

*** Sample ID: Seq: 67 21:47:37 27 Feb 13 HG
460-51257-a-1-f

Hg	-.028	ppb	.000	-.028

*** Sample ID: Seq: 68 21:49:25 27 Feb 13 HG
460-51260-a-1-h

Hg	-.026	ppb	.000	-.026

*** Sample ID: Seq: 69 21:51:13 27 Feb 13 HG
460-51265-a-2-b

Hg	-.034	ppb	.000	-.034

*** Sample ID: Seq: 70 21:53:18 27 Feb 13 HG
lb 460-148793/1-b

Hg	-.035	ppb	.000	-.035

*** Sample ID: Seq: 71 21:55:58 27 Feb 13 HG
SD 460-51261-b-1-e@5

Hg	-.042	ppb	.000	-.042

*** Check Standard: 2 Ck2ACCV Seq: 72 21:57:48 27 Feb 13 HG

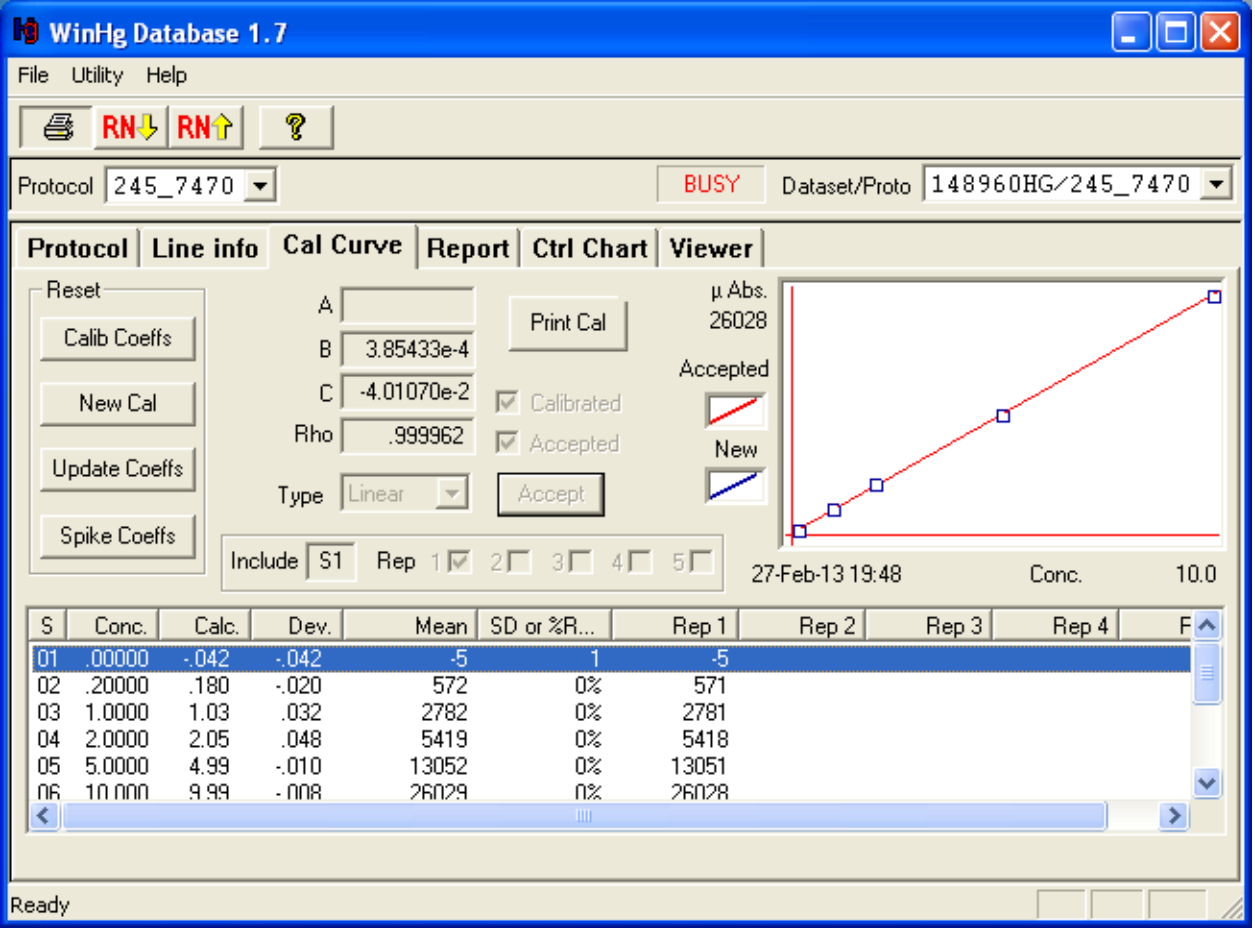
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.08	5.00	ppb	.000

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 73 21:59:32 27 Feb 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.080	.200	ppb	.000


WinHg Database 1.7
File Utility Help
RN RN
Protocol 245_7470
BUSY
Dataset/Proto 148960HG/245_7470
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 3.85433e-4
C -4.01070e-2
Rho .999962
Type Linear
Print Cal
Calibrated
Accepted
Accept
µ Abs.
26028
Accepted
New
Include S1 Rep 1 2 3 4 5
27-Feb-13 19:48
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4
01 .00000 -.042 -.042 -5 1 -5
02 .20000 .180 -.020 572 0% 571
03 1.0000 1.03 .032 2782 0% 2781
04 2.0000 2.05 .048 5419 0% 5418
05 5.0000 4.99 -.010 13052 0% 13051
06 10.000 9.99 -.008 26029 0% 26028
Ready

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 1 19:38:54 27 Feb 13 HG

Hg .000 ppb -5

*** Standard: 2 Rep: 1 Seq: 2 19:40:41 27 Feb 13 HG

Hg .200 ppb 571

*** Standard: 3 Rep: 1 Seq: 3 19:42:30 27 Feb 13 HG

Hg 1.00 ppb 2781

*** Standard: 4 Rep: 1 Seq: 4 19:44:17 27 Feb 13 HG

Hg 2.00 ppb 5418

*** Standard: 5 Rep: 1 Seq: 5 19:46:05 27 Feb 13 HG

Hg 5.00 ppb 13051

*** Standard: 6 Rep: 1 Seq: 6 19:48:22 27 Feb 13 HG

Hg 10.0 ppb 26028

*** Check Standard: 3 Ck3AICV Seq: 7 19:50:57 27 Feb 13 HG

Line	Flag	Intensities
Hg		13365

*** Check Standard: 1 Ck1ICB/CCB Seq: 8 19:52:41 27 Feb 13 HG

Line	Flag	Intensities
Hg		-149

*** Sample ID: Seq: 9 19:54:26 27 Feb 13 HG
MCL
Hg 2.08 ppb 5512

*** Sample ID: Seq: 10 19:56:13 27 Feb 13 HG
mb 460-148960/11-a
Hg -.049 ppb -22

*** Sample ID: Seq: 11 19:58:01 27 Feb 13 HG
lcs 460-148960/12-a
Hg 1.03 ppb 2784

*** Sample ID: Seq: 12 19:59:49 27 Feb 13 HG
460-51333-e-9-d
Hg -.038 ppb 5

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 13 20:01:34 27 Feb 13 HG
460-51333-a-9-b du
Hg -.034 ppb 16

*** Sample ID: Seq: 14 20:03:49 27 Feb 13 HG
460-51333-e-9-e ms
Hg 1.08 ppb 2913

*** Sample ID: Seq: 15 20:05:42 27 Feb 13 HG
460-51308-a-2-d
Hg -.041 ppb -2

*** Sample ID: Seq: 16 20:07:37 27 Feb 13 HG
460-51309-a-1-b
Hg -.024 ppb 42

*** Sample ID: Seq: 17 20:09:52 27 Feb 13 HG
460-51309-a-3-b
Hg -.023 ppb 45

*** Sample ID: Seq: 18 20:11:38 27 Feb 13 HG
460-51329-b-14-b
Hg -.025 ppb 39

*** Check Standard: 2 Ck2ACCV Seq: 19 20:13:56 27 Feb 13 HG
Line Flag Intensities
Hg 13160

*** Check Standard: 1 Ck1ICB/CCB Seq: 20 20:15:59 27 Feb 13 HG
Line Flag Intensities
Hg -47

*** Sample ID: Seq: 21 20:17:44 27 Feb 13 HG
460-51329-e-21-b
Hg 7.23 ppb 18864

*** Sample ID: Seq: 22 20:19:40 27 Feb 13 HG
460-51333-e-1-b
Hg -.046 ppb -14

*** Sample ID: Seq: 23 20:21:23 27 Feb 13 HG
460-51333-e-3-b
Hg -.015 ppb 65

*** Sample ID: Seq: 24 20:23:16 27 Feb 13 HG
460-51333-e-4-b
Hg -.035 ppb 13

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 25 20:25:06 27 Feb 13 HG
460-51333-e-6-b
Hg -.035 ppb 14

*** Sample ID: Seq: 26 20:27:11 27 Feb 13 HG
460-51333-e-7-b
Hg -.045 ppb -12

*** Sample ID: Seq: 27 20:29:08 27 Feb 13 HG
460-51333-e-10-b
Hg -.031 ppb 23

*** Sample ID: Seq: 28 20:30:54 27 Feb 13 HG
460-51333-e-12-b
Hg .017 ppb 149

*** Sample ID: Seq: 29 20:32:42 27 Feb 13 HG
460-51333-e-13-b
Hg -.035 ppb 12

*** Sample ID: Seq: 30 20:34:26 27 Feb 13 HG
460-51333-e-15-b
Hg -.030 ppb 27

*** Check Standard: 2 Ck2ACCV Seq: 31 20:36:52 27 Feb 13 HG
Line Flag Intensities
Hg 13357

*** Check Standard: 1 Ck1ICB/CCB Seq: 32 20:38:35 27 Feb 13 HG
Line Flag Intensities
Hg -165

*** Sample ID: Seq: 33 20:40:41 27 Feb 13 HG
460-51333-e-16-b
Hg -.048 ppb -20

*** Sample ID: Seq: 34 20:42:46 27 Feb 13 HG
460-51333-e-18-b
Hg -.032 ppb 21

*** Sample ID: Seq: 35 20:44:31 27 Feb 13 HG
460-51333-e-19-b
Hg -.026 ppb 37

*** Sample ID: Seq: 36 20:47:36 27 Feb 13 HG
460-51333-e-21-b
Hg -.037 ppb 7

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 20:49:25 27 Feb 13 HG
460-51387-f-1-a
Hg -.004 ppb 94

*** Sample ID: Seq: 38 20:51:14 27 Feb 13 HG
SD 460-51333-e-9-d@5
Hg -.041 ppb -3

*** Check Standard: 2 Ck2ACCV Seq: 39 20:53:32 27 Feb 13 HG

Line	Flag	Intensities
Hg		13618

*** Check Standard: 1 Ck1ICB/CCB Seq: 40 20:55:15 27 Feb 13 HG

Line	Flag	Intensities
Hg		-162

*** Sample ID: Seq: 41 20:56:58 27 Feb 13 HG
mb 460-148961/10-a
Hg -.037 ppb 7

*** Sample ID: Seq: 42 20:58:52 27 Feb 13 HG
lcs 460-148961/11-a
Hg 2.02 ppb 5355

*** Sample ID: Seq: 43 21:00:39 27 Feb 13 HG
460-51397-h-2-a
Hg -.046 ppb -15

*** Sample ID: Seq: 44 21:02:45 27 Feb 13 HG
460-51397-h-2-b du
Hg -.036 ppb 11

*** Sample ID: Seq: 45 21:04:32 27 Feb 13 HG
460-51397-h-2-c ms
Hg 2.21 ppb 5825

*** Sample ID: Seq: 46 21:06:49 27 Feb 13 HG
460-51390-h-2-a
Hg -.035 ppb 13

*** Sample ID: Seq: 47 21:08:40 27 Feb 13 HG
460-51343-d-3-a
Hg -.012 ppb 72

*** Sample ID: Seq: 48 21:10:28 27 Feb 13 HG
460-51343-d-8-a
Hg .611 ppb 1688

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 49 21:12:43 27 Feb 13 HG
460-51297-a-1-b
Hg -.036 ppb 10

*** Sample ID: Seq: 50 21:14:49 27 Feb 13 HG
460-51312-e-1-a
Hg -.045 ppb -12

*** Check Standard: 2 Ck2ACCV Seq: 51 21:16:36 27 Feb 13 HG
Line Flag Intensities
Hg 13268

*** Check Standard: 1 Ck1ICB/CCB Seq: 52 21:18:21 27 Feb 13 HG
Line Flag Intensities
Hg -170

*** Sample ID: Seq: 53 21:20:15 27 Feb 13 HG
460-51312-e-2-a
Hg -.035 ppb 12

*** Sample ID: Seq: 54 21:22:01 27 Feb 13 HG
460-51312-e-3-a
Hg -.025 ppb 39

*** Sample ID: Seq: 55 21:24:07 27 Feb 13 HG
460-51315-a-2-a
Hg -.038 ppb 6

*** Sample ID: Seq: 56 21:25:52 27 Feb 13 HG
460-51397-h-1-a
Hg -.034 ppb 17

*** Sample ID: Seq: 57 21:27:41 27 Feb 13 HG
460-51397-h-3-a
Hg -.027 ppb 33

*** Sample ID: Seq: 58 21:30:16 27 Feb 13 HG
460-51397-h-4-a
Hg -.011 ppb 76

*** Sample ID: Seq: 59 21:32:01 27 Feb 13 HG
SD 460-51397-h-2-a@5
Hg -.034 ppb 15

*** Check Standard: 2 Ck2ACCV Seq: 60 21:33:58 27 Feb 13 HG
Line Flag Intensities
Hg 13691

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 61 21:35:41 27 Feb 13 HG

Line	Flag	Intensities
Hg		-163

*** Sample ID: Seq: 62 21:37:24 27 Feb 13 HG
mb 460-148962/10-a

Hg	-.036	ppb	10

*** Sample ID: Seq: 63 21:39:48 27 Feb 13 HG
lcs 460-148962/11-a

Hg	5.07	ppb	13256

*** Sample ID: Seq: 64 21:41:41 27 Feb 13 HG
460-51261-b-1-e

Hg	-.070	ppb	-77

*** Sample ID: Seq: 65 21:43:38 27 Feb 13 HG
460-51261-b-1-f du

Hg	-.040	ppb	0

*** Sample ID: Seq: 66 21:45:42 27 Feb 13 HG
460-51261-b-1-g ms

Hg	5.23	ppb	13673

*** Sample ID: Seq: 67 21:47:37 27 Feb 13 HG
460-51257-a-1-f

Hg	-.028	ppb	32

*** Sample ID: Seq: 68 21:49:25 27 Feb 13 HG
460-51260-a-1-h

Hg	-.026	ppb	36

*** Sample ID: Seq: 69 21:51:13 27 Feb 13 HG
460-51265-a-2-b

Hg	-.034	ppb	17

*** Sample ID: Seq: 70 21:53:18 27 Feb 13 HG
lb 460-148793/1-b

Hg	-.035	ppb	13

*** Sample ID: Seq: 71 21:55:58 27 Feb 13 HG
SD 460-51261-b-1-e@5

Hg	-.042	ppb	-5

*** Check Standard: 2 Ck2ACCV Seq: 72 21:57:48 27 Feb 13 HG

Line	Flag	Intensities
Hg		13273

Protocol: 245_7470
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 73 21:59:32 27 Feb 13 HG

Line	Flag	Intensities
Hg		-103

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148882 Batch Start Date: 02/27/13 11:02 Batch Analyst: Yang, Qin

Batch Method: 3010A Batch End Date: 02/27/13 14:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00012			
MB 460-148882/1		3010A, 6020		100 mL	100 mL				
LCS 460-148882/2		3010A, 6020		100 mL	100 mL	0.5 mL			
460-51333-E-9	130041-MW9D-80FT	3010A, 6020	T	100 mL	100 mL				
460-51333-A-9 DU	130041-MW9D-80FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-9 MS	130041-MW9D-80FT	3010A, 6020	T	100 mL	100 mL	0.5 mL			
460-51333-E-1	130041-MW10R-45FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-3	130041-MW8S-50FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-4	130041-MW-3-45FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-6	130041-MW-2-45FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-7	130041-MW-4-45FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-10	130041-MW8D-58FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-12	130041-MW7S-40FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-13	130041-MW11R-45FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-15	130041-MW-5-45FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-16	130041-MW-6-55FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-18	130041-MW-1-45FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-19	130041-MW-9S-40FT	3010A, 6020	T	100 mL	100 mL				
460-51333-E-21	130041-MW-7D-55FT	3010A, 6020	T	100 mL	100 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.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148882 Batch Start Date: 02/27/13 11:02 Batch Analyst: Yang, Qin

Batch Method: 3010A Batch End Date: 02/27/13 14:45

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 222
First End time	14:45
Lot # of Nitric Acid	L10022
Hot Block ID number	5
Oven, Bath or Block Temperature 1	96 uncorr, 95 corr Degrees C
Pipette ID	2
First Start time	9:30
ID number of the thermometer	ICP-3 [CF -1]
Digestion Tube/Cup Lot #	MF06LKK01-2306-JJ

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.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148960 Batch Start Date: 02/27/13 17:16 Batch Analyst: Staib, Thomas

Batch Method: 7470A Batch End Date: 02/27/13 19:16

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 01106	ME_DQCS-INT 00826		
ICV 460-148960/7		7470A, 7470A		100 mL	100 mL		5 mL		
CCV 460-148960/8		7470A, 7470A		100 mL	100 mL		5 mL		
CCB 460-148960/9		7470A, 7470A		100 mL	100 mL				
MB 460-148960/11		7470A, 7470A		30 mL	30 mL				
LCS 460-148960/12		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-51333-E-9	130041-MW9D-80FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-A-9 DU	130041-MW9D-80FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-9 MS	130041-MW9D-80FT	7470A, 7470A	T	30 mL	30 mL	0.3 mL			
460-51333-E-1	130041-MW10R-45FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-3	130041-MW8S-50FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-4	130041-MW-3-45FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-6	130041-MW-2-45FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-7	130041-MW-4-45FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-10	130041-MW8D-58FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-12	130041-MW7S-40FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-13	130041-MW11R-45FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-15	130041-MW-5-45FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-16	130041-MW-6-55FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-18	130041-MW-1-45FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-19	130041-MW-9S-40FT	7470A, 7470A	T	30 mL	30 mL				
460-51333-E-21	130041-MW-7D-55FT	7470A, 7470A	T	30 mL	30 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.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148960 Batch Start Date: 02/27/13 17:16 Batch Analyst: Staib, Thomas

Batch Method: 7470A Batch End Date: 02/27/13 19:16

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01622
Sulfuric Acid Lot Number	0000020665
Lot # of hydrochloric acid	HgR01620
Lot # of Nitric Acid	L10022
Hood ID or number	#2
Hot Block ID number	#9
Potassium Persulfate Lot Number	HgR01630
Potassium Permanganate Lot Number	HgR01621
NaCL Lot #	HgR01622
Pipette ID	#25
Stannous Chloride Lot Number	HgR01623
Temperature	96 uncorr 95 corr Degrees C
ID number of the thermometer	Prep-1 (CF -1)
Digestion Tube/Cup Lot #	155630-263

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

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-51333-1

SDG No.:

Project: Site: 130041 (CDM) DEC Fumex Sanitation

Client Sample ID	Lab Sample ID
130041-MW10R-45FT	460-51333-1
130041-MW8S-50FT	460-51333-3
130041-MW-3-45FT	460-51333-4
130041-MW-2-45FT	460-51333-6
130041-MW-4-45FT	460-51333-7
130041-MW9D-80FT	460-51333-9
130041-MW8D-58FT	460-51333-10
130041-MW7S-40FT	460-51333-12
130041-MW11R-45FT	460-51333-13
130041-MW-5-45FT	460-51333-15
130041-MW-6-55FT	460-51333-16
130041-MW-1-45FT	460-51333-18
130041-MW-9S-40FT	460-51333-19
130041-MW-7D-55FT	460-51333-21

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW10R-45FT
Lab Sample ID: 460-51333-1
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 13:42
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW8S-50FT
Lab Sample ID: 460-51333-3
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 15:19
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-3-45FT
Lab Sample ID: 460-51333-4
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 18:25
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-2-45FT
Lab Sample ID: 460-51333-6
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 16:22
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	47.1	100	40.0	ug/L	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-4-45FT
Lab Sample ID: 460-51333-7
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 17:39
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW9D-80FT
Lab Sample ID: 460-51333-9
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 17:07
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW8D-58FT
Lab Sample ID: 460-51333-10
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 16:02
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW7S-40FT
Lab Sample ID: 460-51333-12
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 10:36
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	57.7	100	40.0	ug/L	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW11R-45FT
Lab Sample ID: 460-51333-13
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 12:36
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	65.9	100	40.0	ug/L	J		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-5-45FT
Lab Sample ID: 460-51333-15
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 14:10
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-6-55FT
Lab Sample ID: 460-51333-16
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 15:05
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-1-45FT
Lab Sample ID: 460-51333-18
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 12:35
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-9S-40FT
Lab Sample ID: 460-51333-19
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 18:23
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 130041-MW-7D-55FT
Lab Sample ID: 460-51333-21
Lab Name: TestAmerica Edison
Job No.: 460-51333-1
SDG ID.:
Matrix: Water
Date Sampled: 02/25/2013 10:23
Reporting Basis: WET
Date Received: 02/26/2013 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	100	100	40.0	ug/L	U		1	9012A

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Analyst: RK Batch Start Date: 02/27/2013

Reporting Units: mg/L Analytical Batch No.: 148910

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	CCV	12:27	Cyanide, Total	0.194	0.200	97	90-110		WTcnIM3_00941
9	CCB	12:29	Cyanide, Total	0.010				U	
10	ICV	12:30	Cyanide, Total	0.192	0.200	96	90-110		WTcnIM3_00941
20	CCV	12:39	Cyanide, Total	0.188	0.200	94	90-110		WTcnIM3_00941
21	CCB	12:41	Cyanide, Total	0.00424				J	
32	CCV	12:51	Cyanide, Total	0.191	0.200	96	90-110		WTcnIM3_00941
33	CCB	12:54	Cyanide, Total	0.010				U	
44	CCV	13:05	Cyanide, Total	0.193	0.200	97	90-110		WTcnIM3_00941
45	CCB	13:08	Cyanide, Total	0.010				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Analyst: RK Batch Start Date: 02/28/2013

Reporting Units: mg/L Analytical Batch No.: 149131

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	CCV	15:32	Cyanide, Total	0.193	0.200	97	90-110		WTcnIM3_00942
9	CCB	15:34	Cyanide, Total	0.010				U	
10	ICV	15:35	Cyanide, Total	0.194	0.200	97	90-110		WTcnIM3_00942
20	CCV	15:44	Cyanide, Total	0.192	0.200	96	90-110		WTcnIM3_00942
21	CCB	15:47	Cyanide, Total	0.010				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.: 460-51333-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 148910	Date: 02/27/2013 12:38		Prep Batch: 148894		Date: 02/27/2013 11:30		
9012A	MB 460-148894/1-A	Cyanide, Total	100	U	ug/L	100	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 148910	Date: 02/27/2013 12:45		Prep Batch: 148894			Date: 02/27/2013 11:30					
9012A	460-51333-12	Cyanide, Total	57.7	J	ug/L						
9012A	460-51333-12 MS	Cyanide, Total	2070		ug/L	2000	101	90-110			
Batch ID: 148910	Date: 02/27/2013 12:59		Prep Batch: 148894			Date: 02/27/2013 11:30					
9012A	460-51333-9	Cyanide, Total	100	U	ug/L						
9012A	460-51333-9 MS	Cyanide, Total	1970		ug/L	2000	99	90-110			

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 148910	Date: 02/27/2013 12:46		Prep Batch: 148894		Date: 02/27/2013 11:30						
9012A	460-51333-12 MSD	Cyanide, Total	2060		ug/L	2000	100	90-110	0	10	
Batch ID: 148910	Date: 02/27/2013 13:00		Prep Batch: 148894		Date: 02/27/2013 11:30						
9012A	460-51333-9 MSD	Cyanide, Total	2020		ug/L	2000	101	90-110	3	10	

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

FORM V-IN

7A-IN
LOW LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 148910	Date: 02/27/2013 12:42		Prep Batch: 148894		Date: 02/27/2013 11:30						
					LCS Source: WTcnIM1_00902						
9012A	LLCS 460-148894/2-A	Cyanide, Total	1060		ug/L	1000	106	90-110			
Batch ID: 149131	Date: 02/28/2013 15:38		Prep Batch: 149112		Date: 02/28/2013 13:45						
					LCS Source: WTcnIM1_00903						
9012A	LLCS 460-149112/2-A	Cyanide, Total	104.0		ug/L	100	104	90-110			

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

FORM VIIA-IN

7A-IN
HIGH LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 148910	Date: 02/27/2013 12:43		Prep Batch: 148894		Date: 02/27/2013 11:30						
					LCS Source: WTcnIM1_00902						
9012A	HLCS 460-148894/3-A	Cyanide, Total	2190		ug/L	2000	110	90-110			

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: 460-51333-1

SDG Number:

Matrix: Water Instrument ID: Lachat3

Method: 9012A MDL Date: 10/31/2012 10:47

Prep Method: 9012A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Cyanide, Total		0.01	0.004

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-51333-1

SDG Number:

Matrix: Water Instrument ID: Lachat3

Method: 9012A XMDL Date: 10/31/2012 10:49

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cyanide, Total		0.01	0.004

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-148894/1-A	02/27/2013 11:30	148894	0.5		5
LLCS 460-148894/2-A	02/27/2013 11:30	148894	0.5		5
HLCS 460-148894/3-A	02/27/2013 11:30	148894	0.5		5
460-51333-12	02/27/2013 11:30	148894	0.5		5
460-51333-12 MS	02/27/2013 11:30	148894	0.5		5
460-51333-12 MSD	02/27/2013 11:30	148894	0.5		5
460-51333-13	02/27/2013 11:30	148894	0.5		5
460-51333-15	02/27/2013 11:30	148894	0.5		5
460-51333-16	02/27/2013 11:30	148894	0.5		5
460-51333-18	02/27/2013 11:30	148894	0.5		5
460-51333-19	02/27/2013 11:30	148894	0.5		5
460-51333-21	02/27/2013 11:30	148894	0.5		5
460-51333-1	02/27/2013 11:30	148894	0.5		5
460-51333-3	02/27/2013 11:30	148894	0.5		5
460-51333-4	02/27/2013 11:30	148894	0.5		5
460-51333-9	02/27/2013 11:30	148894	0.5		5
460-51333-9 MS	02/27/2013 11:30	148894	0.5		5
460-51333-9 MSD	02/27/2013 11:30	148894	0.5		5
460-51333-6	02/27/2013 11:30	148894	0.5		5
460-51333-7	02/27/2013 11:30	148894	0.5		5
460-51333-10	02/27/2013 11:30	148894	0.5		5

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LLCS 460-149112/2-A	02/28/2013 13:45	149112		5	5

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: Lachat3 Method: 9012A

Start Date: 02/27/2013 12:20 End Date: 02/27/2013 13:08

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			12:20																				
ZZZZZZ			12:21																				
ZZZZZZ			12:22																				
ZZZZZZ			12:23																				
ZZZZZZ			12:24																				
ZZZZZZ			12:25																				
ZZZZZZ			12:26																				
CCV 460-148910/8	1		12:27	X																			
CCB 460-148910/9	1		12:29	X																			
ICV 460-148910/10	1		12:30	X																			
ZZZZZZ			12:31																				
ZZZZZZ			12:32																				
ZZZZZZ			12:33																				
ZZZZZZ			12:34																				
ZZZZZZ			12:34																				
ZZZZZZ			12:35																				
ZZZZZZ			12:36																				
ZZZZZZ			12:37																				
MB 460-148894/1-A	1	T	12:38	X																			
CCV 460-148910/20	1		12:39	X																			
CCB 460-148910/21	1		12:41	X																			
LLCS 460-148894/2-A	1	T	12:42	X																			
HLCS 460-148894/3-A	1	T	12:43	X																			
460-51333-12	1	T	12:44	X																			
460-51333-12 MS	1	T	12:45	X																			
460-51333-12 MSD	1	T	12:46	X																			
460-51333-13	1	T	12:47	X																			
460-51333-15	1	T	12:48	X																			
460-51333-16	1	T	12:48	X																			
460-51333-18	1	T	12:49	X																			
460-51333-19	1	T	12:50	X																			
CCV 460-148910/32	1		12:51	X																			
CCB 460-148910/33	1		12:54	X																			
460-51333-21	1	T	12:55	X																			
460-51333-1	1	T	12:55	X																			
460-51333-3	1	T	12:56	X																			
460-51333-4	1	T	12:57	X																			
460-51333-9	1	T	12:58	X																			
460-51333-9 MS	1	T	12:59	X																			
460-51333-9 MSD	1	T	13:00	X																			
460-51333-6	1	T	13:01	X																			
460-51333-7	1	T	13:01	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: Lachat3 Method: 9012A

Start Date: 02/27/2013 12:20 End Date: 02/27/2013 13:08

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
460-51333-10	1	T	13:02	X																			
CCV 460-148910/44	1		13:05	X																			
CCB 460-148910/45	1		13:08	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Instrument ID: Lachat3 Method: 9012A

Start Date: 02/28/2013 15:26 End Date: 02/28/2013 15:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ZZZZZZ			15:26																				
ZZZZZZ			15:27																				
ZZZZZZ			15:27																				
ZZZZZZ			15:28																				
ZZZZZZ			15:29																				
ZZZZZZ			15:30																				
ZZZZZZ			15:31																				
CCV 460-149131/8	1		15:32	X																			
CCB 460-149131/9	1		15:34	X																			
ICV 460-149131/10	1		15:35	X																			
ZZZZZZ			15:36																				
ZZZZZZ			15:37																				
LLCS 460-149112/2-A	1	T	15:38	X																			
ZZZZZZ			15:39																				
ZZZZZZ			15:40																				
ZZZZZZ			15:41																				
ZZZZZZ			15:41																				
ZZZZZZ			15:42																				
ZZZZZZ			15:43																				
CCV 460-149131/20	1		15:44	X																			
CCB 460-149131/21	1		15:47	X																			
ZZZZZZ			15:48																				
ZZZZZZ			15:48																				
CCV 460-149131/24			15:51																				
CCB 460-149131/25			15:54																				

Prep Types
T = Total/NA

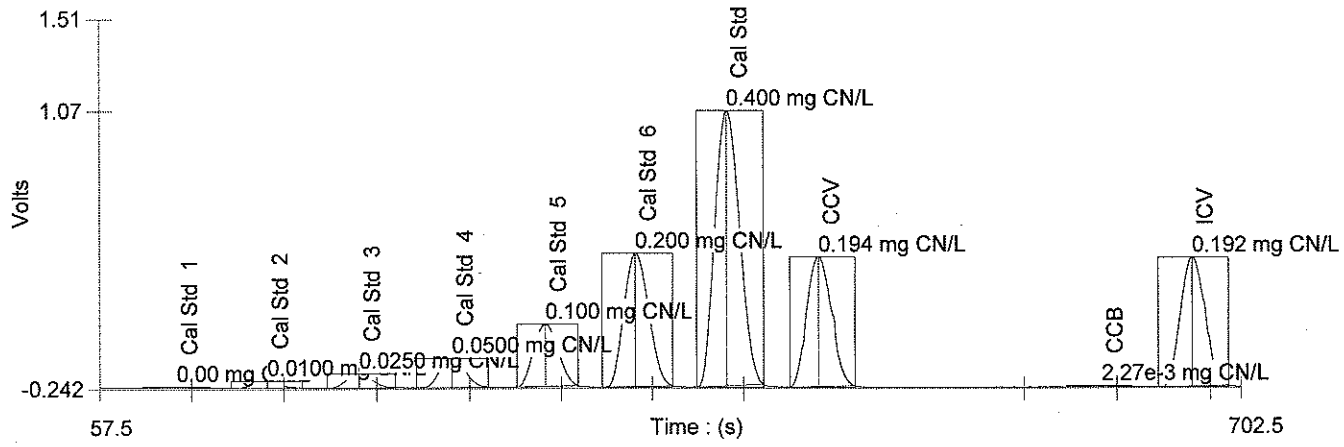
Author: EdiLachat Date : 2/27/2013

Original Run Filename: OM_2-27-2013_12-19-57PM.OMN Created: 2/27/2013 12:19:57 PM
Original Run Author's Signature: [EdiLachat]
Current Run Filename: OM_2-27-2013_12-19-57PM.OMN Last Modified: 2/27/2013 1:09:47 PM
Current Run Author's Signature: [EdiLachat]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 Cyanide Conc. (mg CN/L)	Channel 1 Cyanide Area (V.s)
Cal Std 1	1	S1	0.00	0.104
Cal Std 2	1	S2	0.0100	0.542
Cal Std 3	1	S3	0.0250	1.08
Cal Std 4	1	S4	0.0500	2.23
Cal Std 5	1	S5	0.100	4.68
Cal Std 6	1	S6	0.200	10.2
Cal Std 7	1	S7	0.400	21.0
CCV	1	S8	0.194	9.83
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.2 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.2 > -10.0	
		Message	CCV Passed	
		Action	Continue	
		Calibration:	Table/Fig. : 1	
CCB	1	S9	2.27e-3	0.107
		Known Conc:	0.00	
ICV	1	1	0.192	9.75
460-51329-E-16-B	1	2	9.13e-3	0.456
460-51329-E-17-B	1	3	4.65e-3	0.228
460-51329-E-22-B	1	4	3.54e-3	0.172
460-51329-E-23-A	1	5	1.21e-3	0.0528
460-51329-E-24-B	1	6	2.92e-3	0.140
460-51329-E-25-B	1	7	4.61e-3	0.226
460-51296-E-1-D	1	8	6.17e-3	0.305
460-51296-E-2-B	1	9	5.35e-3	0.263
MB 460-148894/1-A	1	10	7.46e-4	0.0293
CCV	1	S8	0.188	9.56
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-5.9 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-5.9 > -10.0	
		Message	CCV Passed	
		Action	Continue	
CCB	1	S9	4.24e-3	0.207
		Known Conc:	0.00	
LLCS 460-148894/2-A	1	11	0.106	5.37
HLCS 460-148894/3-A	1	12	0.219	11.1
460-51333-D-12-A	1	13	5.77e-3	0.285
460-51333-D-12-B MS	1	14	0.207	10.5
460-51333-D-12-C MSD	1	15	0.206	10.4
460-51333-D-13-A	1	16	6.59e-3	0.326
460-51333-D-15-A	1	17	2.02e-3	0.0942
460-51333-D-16-A	1	18	2.08e-3	0.0969
460-51333-D-18-A	1	19	2.16e-3	0.101
460-51333-D-19-A	1	20	2.31e-3	0.109
CCV	1	S8	0.191	9.72
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-4.4 < 10.0	
		Message	Passed ccv	
		Action	Continue	

DQM Test: < - Percent Relative Difference				
		Result:	-4.4 > -10.0	
		Message	CCV Passed	
		Action	Continue	
CCB	1	S9	2.20e-3	0.103
		Known Conc:	0.00	
460-51333-D-21-A	1	21	2.19e-3	0.103
460-51333-D-1-A	1	22	2.44e-3	0.115
460-51333-D-3-A	1	23	1.60e-3	0.0727
460-51333-D-4-A	1	24	2.27e-3	0.107
460-51333-D-9-A	1	25	1.82e-3	0.0837
460-51333-D-9-B MS	1	26	0.197	10.0
460-51333-D-9-C MSD	1	27	0.202	10.3
460-51333-D-6-A	1	28	4.71e-3	0.231
460-51333-D-7-A	1	29	2.56e-3	0.122
460-51333-D-10-A	1	30	2.17e-3	0.102
CCV	1	S8	0.193	9.81
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.5 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.5 > -10.0	
		Message	CCV Passed	
		Action	Continue	
CCB	1	S9	2.17e-3	0.102
		Known Conc:	0.00	

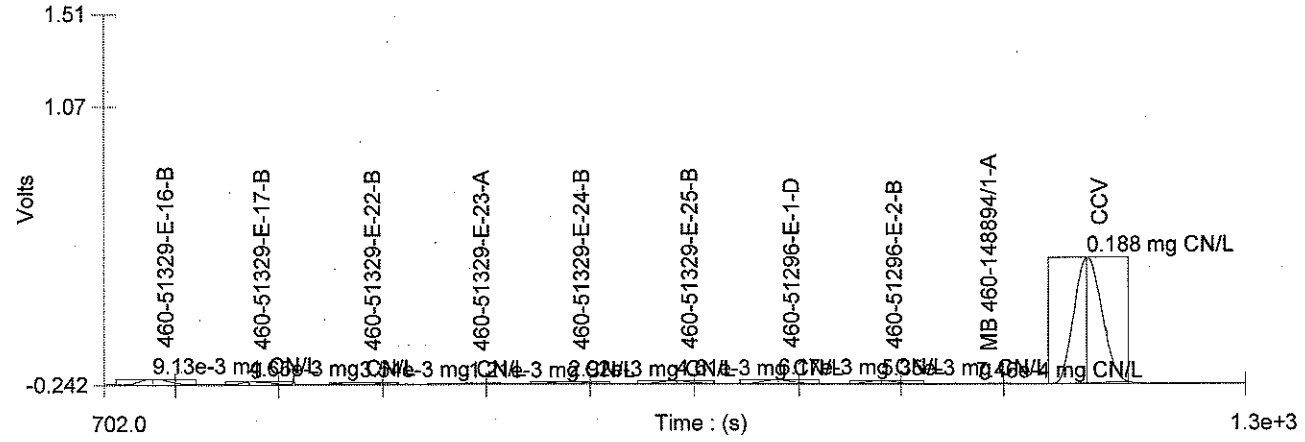
Channel 1 (Cyanide) - Set: 1 / 5



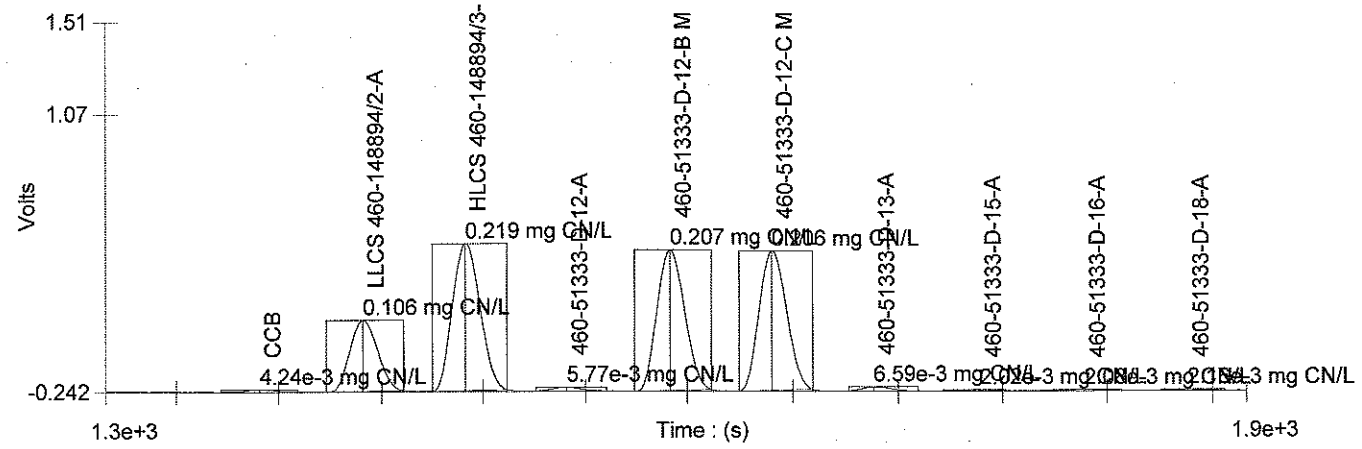
Author: EdiLachat

Date : 2/27/2013

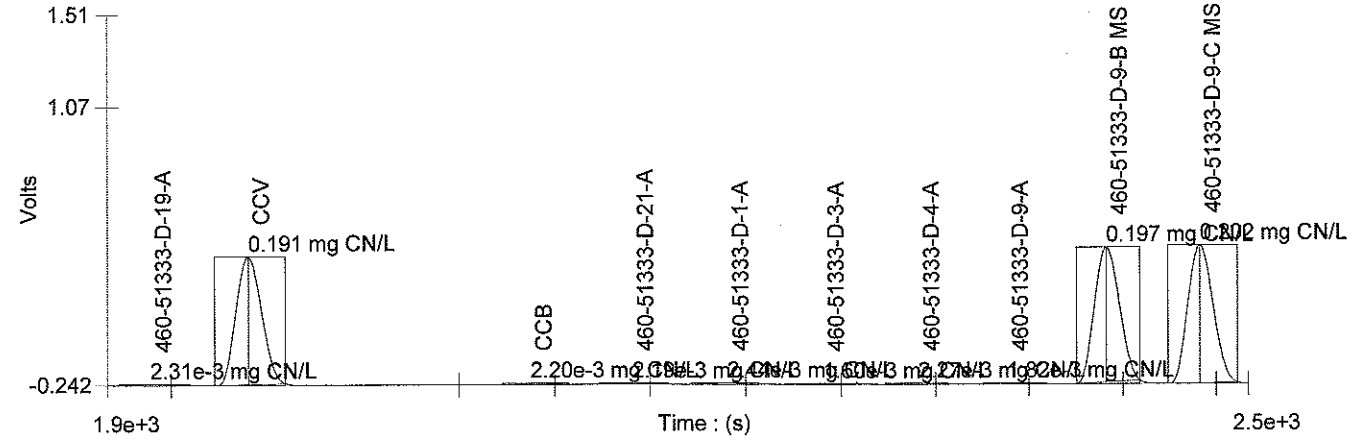
Channel 1 (Cyanide) - Set: 2 / 5



Channel 1 (Cyanide) - Set: 3 / 5



Channel 1 (Cyanide) - Set: 4 / 5



Author: EdiLachat

Date : 2/27/2013

Channel 1 (Cyanide) - Set: 5 / 5

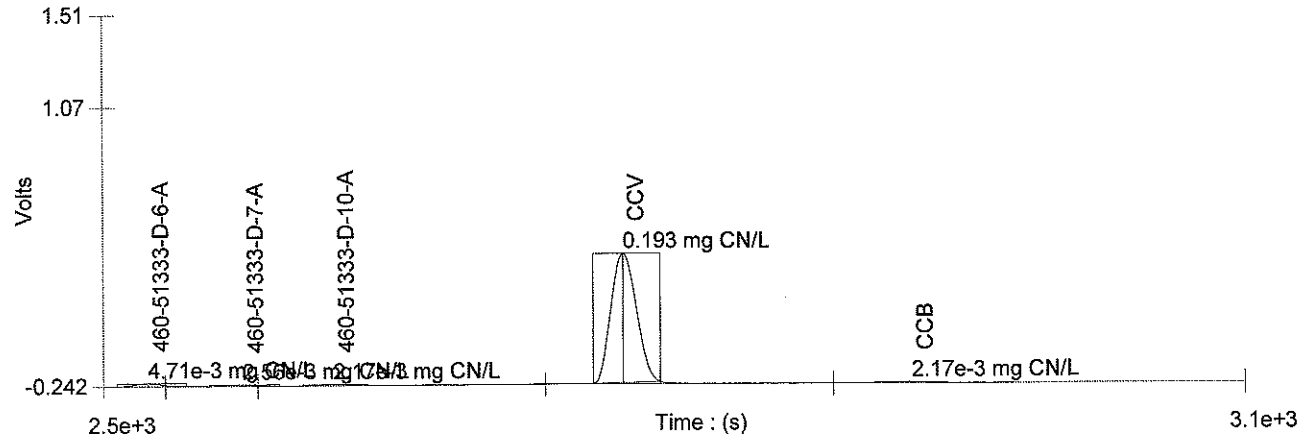
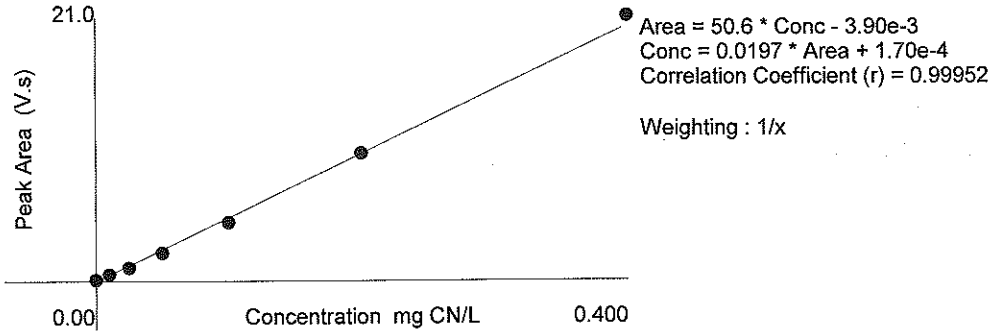


Table : 1 (Cyanide)

	Known Conc. (mg CN/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg CN/L)	Detection Date	Detection Time
1	0.400	1	21.0	1.30	0.0	-3.9	0.414	2/27/2013	12:26:10 PM
2	0.200	1	10.2	0.629	0.0	-0.3	0.200	2/27/2013	12:25:19 PM
3	0.100	1	4.68	0.294	0.0	7.5	0.0922	2/27/2013	12:24:28 PM
4	0.0500	1	2.23	0.138	0.0	11.7	0.0441	2/27/2013	12:23:35 PM
5	0.0250	1	1.08	0.0678	0.0	14.1	0.0215	2/27/2013	12:22:42 PM
6	0.0100	1	0.542	0.0337	0.0	-7.8	0.0108	2/27/2013	12:21:49 PM
7	0.00	1	0.104	5.99e-3			2.21e-3	2/27/2013	12:20:58 PM

Figure : 1 (Cyanide)

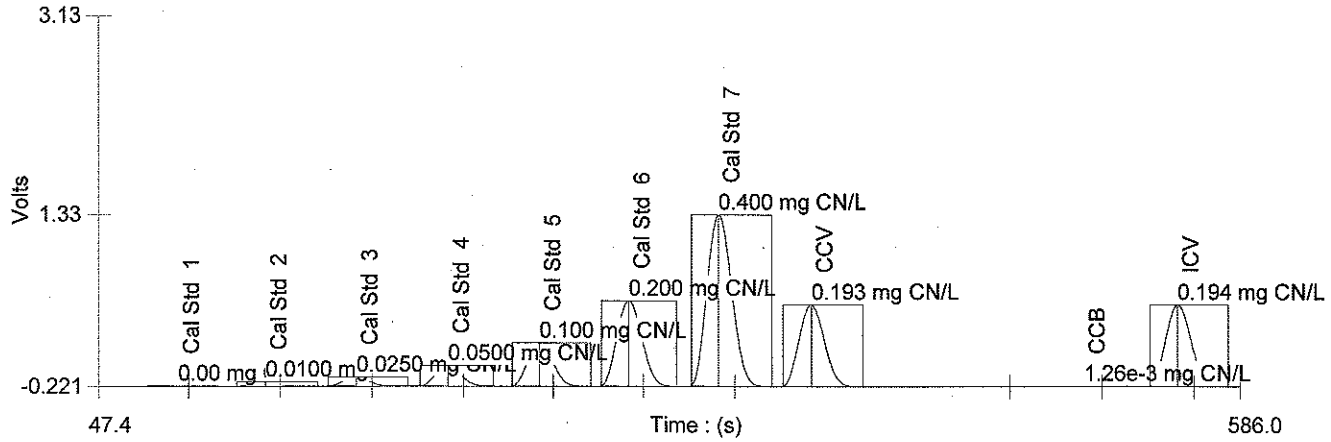


Author: EdiLachat Date : 2/28/2013

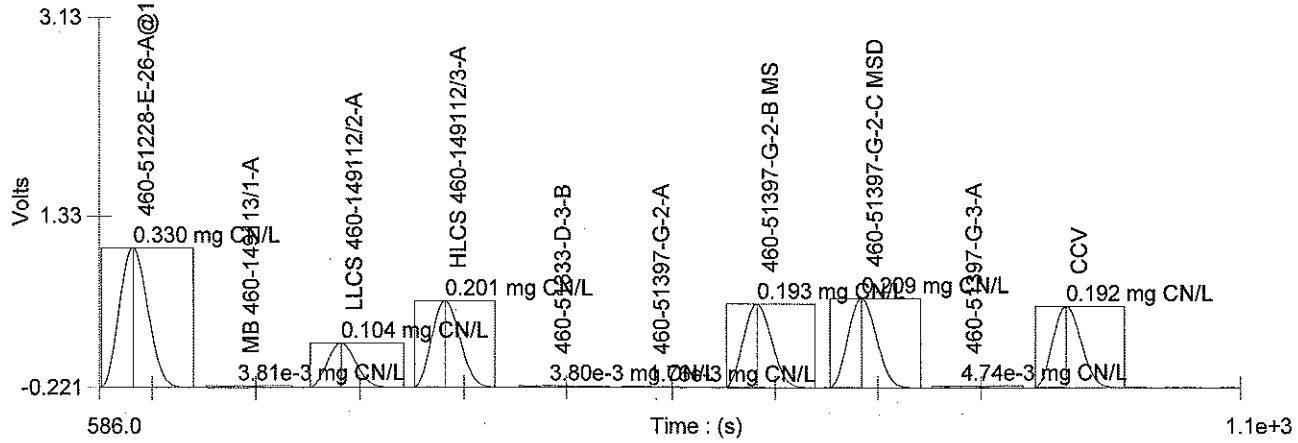
Original Run Filename: OM_2-28-2013_03-25-13PM.OMN Created: 2/28/2013 3:25:13 PM
Original Run Author's Signature: [EdiLachat]
Current Run Filename: OM_2-28-2013_03-25-13PM.OMN Last Modified: 2/28/2013 3:55:46 PM
Current Run Author's Signature: [EdiLachat]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 Cyanide Conc. (mg CN/L)	Area (V.s)
Cal Std 1	1	S1	0.00	0.0649
Cal Std 2	1	S2	0.0100	0.525
Cal Std 3	1	S3	0.0250	1.12
Cal Std 4	1	S4	0.0500	2.53
Cal Std 5	1	S5	0.100	5.26
Cal Std 6	1	S6	0.200	10.4
Cal Std 7	1	S7	0.400	20.9
CCV	1	S8	0.193	10.0
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.5 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.5 > -10.0	
		Message	CCV Passed	
		Action	Continue	
		Calibration:	Table/Fig. : 1	
CCB	1	S9	1.26e-3	0.0652
		Known Conc:	0.00	
ICV	1	1	0.194	10.0
460-51228-E-26-A@100	1	2	0.330	17.1
MB 460-149113/1-A	1	3	3.81e-3	0.197
LLCS 460-149112/2-A	1	4	0.104	5.39
HLCS 460-149112/3-A	1	5	0.201	10.4
460-51333-D-3-B	1	6	3.80e-3	0.197
460-51397-G-2-A	1	7	1.76e-3	0.0912
460-51397-G-2-B MS	1	8	0.193	10.0
460-51397-G-2-C MSD	1	9	0.209	10.9
460-51397-G-3-A	1	10	4.74e-3	0.246
CCV	1	S8	0.192	9.98
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.8 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.8 > -10.0	
		Message	CCV Passed	
		Action	Continue	
CCB	1	S9	9.32e-4	0.0483
		Known Conc:	0.00	
460-51397-G-4-A	1	11	5.24e-3	0.272
460-51390-F-2-A	1	12	0.0432	2.24
CCV	1	S8	0.193	9.99
		Known Conc:	0.200	
DQM Test: > + Percent Relative Difference				
		Result:	-3.7 < 10.0	
		Message	Passed ccv	
		Action	Continue	
DQM Test: < - Percent Relative Difference				
		Result:	-3.7 > -10.0	
		Message	CCV Passed	
		Action	Continue	
CCB	1	S9	6.11e-4	0.0317
		Known Conc:	0.00	

Channel 1 (Cyanide) - Set: 1 / 3



Channel 1 (Cyanide) - Set: 2 / 3



Channel 1 (Cyanide) - Set: 3 / 3

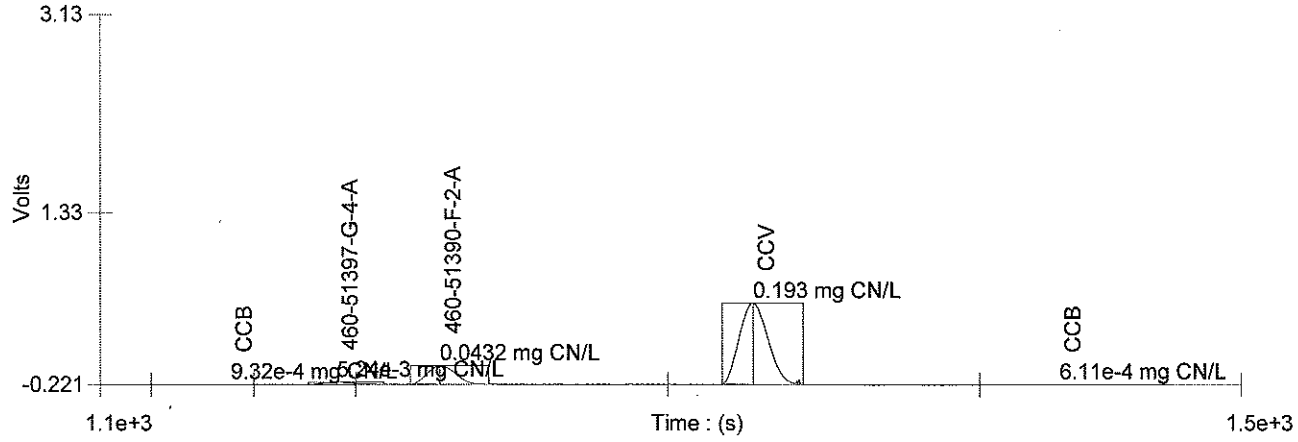
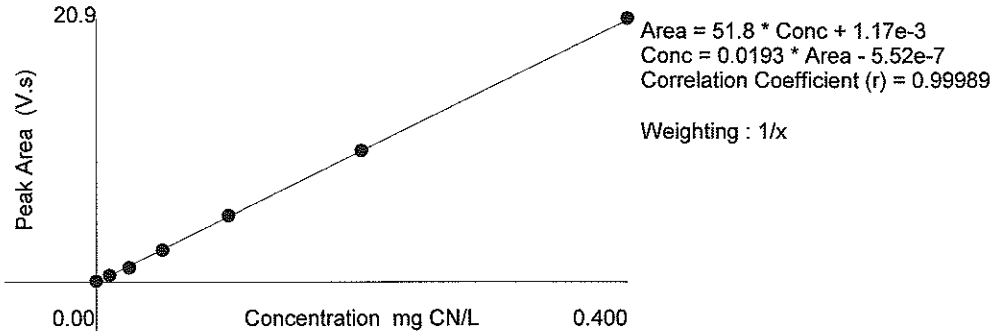


Table : 1 (Cyanide)

	Known Conc. (mg CN/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg CN/L)	Detection Date	Detection Time
1	0.400	1	20.9	1.55	0.0	-0.7	0.402	2/28/2013	3:31:25 PM
2	0.200	1	10.4	0.772	0.0	-0.1	0.200	2/28/2013	3:30:34 PM
3	0.100	1	5.26	0.390	0.0	-1.4	0.101	2/28/2013	3:29:43 PM
4	0.0500	1	2.53	0.188	0.0	2.2	0.0489	2/28/2013	3:28:50 PM
5	0.0250	1	1.12	0.0833	0.0	13.4	0.0216	2/28/2013	3:27:57 PM
6	0.0100	1	0.525	0.0387	0.0	-1.1	0.0101	2/28/2013	3:27:05 PM
7	0.00	1	0.0649	4.43e-3			1.25e-3	2/28/2013	3:26:13 PM

Figure : 1 (Cyanide)



Dilution Form
Wet Chemistry

Method No.: 358.4 Analyst: RE

Prep Batch: _____ Analysis Date: 2/28/13

Analytical Batch: 149131

Job/Sample Number	Dilution Factor	Sample Volume (ml)	Final Volume (ml)	Diluent
51228-28	100	0.5	50	0.2% NaOH

EDS-WI-101, Rev 0
05/24/11

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148894 Batch Start Date: 02/27/13 11:30 Batch Analyst: Kowalski, Joseph A

Batch Method: 9012A Batch End Date: 02/27/13 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcnIM1 00902			
MB 460-148894/1		9012A, 9012A		0.5 g	5 mL				
LLCS 460-148894/2		9012A, 9012A		0.5 g	5 mL	0.05 mL			
HLCS 460-148894/3		9012A, 9012A		0.5 g	5 mL	0.1 mL			
460-51333-D-12	130041-MW7S-40FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-12 MS	130041-MW7S-40FT	9012A, 9012A	T	0.5 g	5 mL	0.1 mL			
460-51333-D-12 MSD	130041-MW7S-40FT	9012A, 9012A	T	0.5 g	5 mL	0.1 mL			
460-51333-D-13	130041-MW11R-45FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-15	130041-MW-5-45FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-16	130041-MW-6-55FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-18	130041-MW-1-45FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-19	130041-MW-9S-40FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-21	130041-MW-7D-55FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-1	130041-MW10R-45FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-3	130041-MW8S-50FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-4	130041-MW-3-45FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-9	130041-MW9D-80FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-9 MS	130041-MW9D-80FT	9012A, 9012A	T	0.5 g	5 mL	0.1 mL			
460-51333-D-9 MSD	130041-MW9D-80FT	9012A, 9012A	T	0.5 g	5 mL	0.1 mL			
460-51333-D-6	130041-MW-2-45FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-7	130041-MW-4-45FT	9012A, 9012A	T	0.5 g	5 mL				
460-51333-D-10	130041-MW8D-58FT	9012A, 9012A	T	0.5 g	5 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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-51333-1

SDG No.:

Batch Number: 148894 Batch Start Date: 02/27/13 11:30 Batch Analyst: Kowalski, Joseph A

Batch Method: 9012A Batch End Date: 02/27/13 12:00

Batch Notes	
Distillation Temperature	120 Degrees C
Magnesium Chloride Lot Number	Fisher/103976A
Sodium Hydroxide Reagent ID Number	C-9273-13 exp. 08/18/13
Sulfamic Acid Reagent ID Number	C-9198-13 exp. 07/25/13
Sulfuric Acid Reagent ID Number	C-9199-13 exp. 07/25/13

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.: 460-51333-1

SDG No.:

Batch Number: 148910 Batch Start Date: 02/27/13 12:20 Batch Analyst: Kamenetskaya, Raisa

Batch Method: 9012A Batch End Date: 02/27/13 13:08

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00941				
CCV 460-148910/8		9012A		100 mL	2 mL				
ICV 460-148910/10		9012A		100 mL	2 mL				
CCV 460-148910/20		9012A		100 mL	2 mL				
CCV 460-148910/32		9012A		100 mL	2 mL				
CCV 460-148910/44		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	Cal. curve: B (06007-06015)13, CCV: B (06016)13 exp 2/27/13
Buffer Reagent ID Number	C 9298-13 exp 3/26/13
Chloramine-T Reagent ID Number	C 9302-13 exp 2/27/13
NaOH Lot #	C 9288-13 exp 8/25/13
Pyridine-Barbituric Acid Reagent ID	C 9301-13 exp 3/6/13

Basis	Basis Description

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.: 460-51333-1

SDG No.:

Batch Number: 149112 Batch Start Date: 02/28/13 13:45 Batch Analyst: Kowalski, Joseph A

Batch Method: 9012A Batch End Date: 02/28/13 14:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ChlorineCheck	SulfideCheck	DistillpHCheck	WTcnIM1 00903
LLCS 460-149112/2		9012A, 9012A		5 mL	5 mL				0.05 mL
460-51333-D-3	130041-MW8S-50FT	9012A, 9012A	T	5 mL	5 mL	N	N	12	

Batch Notes	
Distillation Temperature	120 Degrees C
Magnesium Chloride Lot Number	Fisher/103976A
Sodium Hydroxide Reagent ID Number	C-9273-13 exp. 08/18/13
Sulfamic Acid Reagent ID Number	C-9300-13 exp. 08/26/13
Sulfuric Acid Reagent ID Number	C-9199-13 exp. 07/25/13

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.: 460-51333-1

SDG No.:

Batch Number: 149131 Batch Start Date: 02/28/13 15:26 Batch Analyst: Kamenetskaya, Raisa

Batch Method: 9012A Batch End Date: 02/28/13 15:54

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcnIM3 00942				
CCV 460-149131/8		9012A		100 mL	2 mL				
ICV 460-149131/10		9012A		100 mL	2 mL				
CCV 460-149131/20		9012A		100 mL	2 mL				

Batch Notes	
Batch Comment	Cal. curve: B (06017-06025)13, CCV: B (06026)13 exp 2/28/13
Buffer Reagent ID Number	C 9298-13 exp 3/26/13
Chloramine-T Reagent ID Number	C 9305-13 exp 2/28/13
NaOH Lot #	C 9288-13 exp 8/25/13
Pyridine-Barbituric Acid Reagent ID	C 9301-13 exp 3/6/13

Basis	Basis Description

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.

Shipping and Receiving Documents

Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

03/11/13

Client Contact	**Project Manager: Sarken E. Dressler**	**Invoice:** Bill Direct to DEC	**Date:**
Company: Groundwater & Environmental Services, Inc.	**Tel/Fax: (800)360-9405 x4319**	**Lab Contact:**	**Carrier:**
Address: 89 Cabot Court	**Analysis Turnaround Time**		COC No: 1 of 8
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W)		____ of ____ COCs
(800)360-9405 Phone	TAT if different from Below ____		Job No. 51333
(631)582-4410 FAX	☐ 2 weeks		SDG No.
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week		
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days		
P O #	☐ 1 day		

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B -OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 -OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
130041-MW 10R-45FT	2-25-13	1342	GW	GW	9		X	X	X	X	X	1
130041-MW9D-80FT MS/MSD	2-25-13	1707	GW	GW	9		X	X	X	X	X	9
TEMP. BLANK	2-25-13	—	—	—	1		-	-	-	-	-	
2 ~~TRIP BLANK~~ 130041-TB-2-25-13	2-25-13	—	—	—			X	X	X	X	X	2

Page 1524 of 1534

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab Archive For ☐ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
KEN LUKAS	GES	1-26-13/1200	~~FED EX~~ RALPH MAJOR	T.P. N.Y.C	2-26-13/1200
RALPH MAJOR	T.P. N.Y.C	2/26/13 15:45			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

2.0 / 3.1 IR# 4 NOC.s

Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

03/11/2013

Client Contact	Project Manager: Sarken E. Dressler	Invoice: Bill Direct to DEC	Date:	COC No: 2 of 8
Company: Groundwater & Environmental Services, Inc.	Tel/Fax: (800)360-9405 x4319	Lab Contact:	Carrier:	____ of ____ COCs
Address: 89 Cabot Court	Analysis Turnaround Time			Job No.
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W) ____			
(800)360-9405 Phone	TAT if different from Below ____			SDG No.
(631)582-4410 FAX	☐ 2 weeks			
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week			
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B -OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 -OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
130041-MW-8S-50FT	2-25-13	1519	GW	GW	9		X	X	X	X	X	3
130041-MW-3-45FT	2-25-13	1825	GW	GW	9		X	X	X	X	X	4
~~TRIP BLANK~~ 130041-TB-2-25-13	2-25-13	—	—	—			X	X	X	X	X	5
TEMP BLANK												

Page 1525 of 1534

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client Disposal By Lab Archive For ☐ ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
KEN LUKAS	GES	2-26-13 1200	~~FED EX~~ RADA MAJOR	T.A.N.Y.C.	2-26-13 1200
Relinquished by: ~~ABBEE~~	Company:	Date/Time: 2/26/13	Received by: ABBEE	Company:	Date/Time:
Relinquished by: RADA MAJOR	Company: T.A. N.Y.C.	Date/Time: 2/26/13 1625	Received by:	Company:	Date/Time:

2.0/2.1 FRH 4 NOPW

Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

03/11/13

Client Contact	**Project Manager: Sarken E. Dressler**	**Invoice:** Bill Direct to DEC	**Date:**
Company: Groundwater & Environmental Services, Inc.	**Tel/Fax: (800)360-9405 x4319**	**Lab Contact:**	**Carrier:**
Address: 89 Cabot Court	**Analysis Turnaround Time**		COC No: 3 OF 8
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W)		_____ of _____ COCs
(800)360-9405 Phone	TAT if different from Below _____		Job No.
(631)582-4410 FAX	☐ 2 weeks		SDG No.
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week		
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days		
P O #	☐ 1 day		

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B - OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 - OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
~~130041-mw-4~~	~~1-~~	~~1622~~										
130041-mw-2 - 45 FT	1-25-13	1622	GW	GW	9		X	X	X	X	X	6
130041-mw-4- 45 FT	1-25-13	1739	GW	GW	9		X	X	X	X	X	7
~~TRIP BLANK~~ 130041-TB-2-25-13	1-25-13	—	—	—			X	X	X	X	X	8
TEMP BLANK	—	—	—	—	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client Disposal By Lab Archive For ☐ _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by: KEN LUKAS	Company: GES	Date/Time: 2-26-13	Received by: ~~FEDEX~~ RADA MAYOR	Company: T.A. NYC	Date/Time: 2-26-13 1200
Relinquished by:	Company: 1545	Date/Time: 2/26/13	Received by:	Company: 1545 2.26.13	Date/Time:
Relinquished by: RADA MAYOR	Company: T.A. NYC	Date/Time: 2/26/13 1545	Received by:	Company:	Date/Time:

2.0 (2.1 IR # 4 NO Cx)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

03/11/2013

Client Contact	Project Manager: Sarken E. Dressler	Invoice: Bill Direct to DEC	Date:	COC No: 4 of 8
Company: Groundwater & Environmental Services, Inc.	Tel/Fax: (800)360-9405 x4319	Lab Contact:	Carrier:	____ of ____ COCs
Address: 89 Cabot Court	Analysis Turnaround Time			Job No.
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W)			SDG No.
(800)360-9405 Phone	TAT if different from Below ____			
(631)582-4410 FAX	☐ 2 weeks			
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week			
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B - OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 - OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
130041-MW 9D-80FT	2-25-13	1707	GW	GW	9		X	X	X	X	X	9
130041-MW 8D-58FT	2-25-13	1602	GW	GW	9		X	X	X	X	X	10
TEMP BLANK	—	—	—	—	—							
~~TRIP BLANK~~ 130041-TB-2-25-13 4	2-25-13	—	—	—			X	X	X	X	X	11

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client Disposal By Lab Archive For ☐ ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
KEN LUKAS	GES	2-25-13/1200	~~FED EX~~ RADZA MAJOR		2-25-13/1200
RADZA MAJOR	T.H. NYC	2/26/13 1545			2/26/1545
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

2013.1 IR # 4 WOC

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Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

03/11/2013

Client Contact	**Project Manager: Sarken E. Dressler**	**Invoice:** Bill Direct to DEC	**Date:**
Company: Groundwater & Environmental Services, Inc.	**Tel/Fax: (800)360-9405 x4319**	**Lab Contact:**	**Carrier:**
Address: 89 Cabot Court	**Analysis Turnaround Time**		COC No: 5 of 8
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W)		_____ of _____ COCs
(800)360-9405 Phone	TAT if different from Below _____		Job No.
(631)582-4410 FAX	☐ 2 weeks		SDG No.
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week		
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days		
P O #	☐ 1 day		

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B -OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 -OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
130041-MW 7S - 40FT	2-25-13	1036	G	GW	9		X	X	X	X	X	12
130041 - MW 11R - 45FT	2-25-13	1236	G	GW	9		X	X	X	X	X	13
~~TRIP BLANK~~ 130041-TB-2-25-13	2-25-13	—	—	—			X	X	X	X	X	14
TEMP BLANK 5	—	—					X					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
KEN LUKAS	GES	2-26-13 1200	~~FED EX~~ RAJU MAJJOR	T. A. NYC	2-25-13 1200
RAJU MAJJOR	T. A. NYC	2/26/13 0545			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
					2/26/13 2345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Page 1528 of 1534

2.0 13.1 IR # 4 WOCs.

1 of 1

Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

03/11/13

Client Contact	Project Manager: Sarken E. Dressler	Invoice: Bill Direct to DEC	Date:	COC No: 6 OF 8
Company: Groundwater & Environmental Services, Inc.	Tel/Fax: (800)360-9405 x4319	Lab Contact:	Carrier:	____ of ____ COCs
Address: 89 Cabot Court	Analysis Turnaround Time			Job No.
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W) ____			
(800)360-9405 Phone	TAT if different from Below ____			SDG No.
(631)582-4410 FAX	☐ 2 weeks			
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week			
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B -OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 -OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
130041-MW-5-45FT	1-25-13	1410	GW	GW	9		X	X	X	X	X	#15
130041-MW-6-55FT	1-25-13	1505	GW	GW	9		X	X	X	X	X	~~#13~~ #16
~~#12 TRIP BLANK~~ 130041-TB-2-25-13	2-25-13	—	—	—	6		X	X	X	X	X	~~#14~~ #17
TEMP BLANK												

Page 1529 of 1534

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* *Archive For* ____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
KEN LUKAS	GES	2-25-13 1200	~~FED EXPRESS~~ MAW	CA-NJ	2-26-13 / 1200
~~Cybook~~ 1545		2/26/13	Cybook 2/26/13		1565
RICK MAJOR	T.A.	2/26/13 15:8			

2.0 / 2.1 IR # 4 NOCs

THL 11

Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

03/11/13

Client Contact	Project Manager: Sarken E. Dressler	Invoice: Bill Direct to DEC	Date:	COC No: 7058
Company: Groundwater & Environmental Services, Inc.	Tel/Fax: (800)360-9405 x4319	Lab Contact:	Carrier:	____ of ____ COCs
Address: 89 Cabot Court	Analysis Turnaround Time			Job No.
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W)			SDG No.
(800)360-9405 Phone	TAT if different from Below ____			
(631)582-4410 FAX	☐ 2 weeks			
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week			
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B -OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 -OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
130041-MW-1-45FT	2-25-13	1235	G	GW	9		X	X	X	X	X	15 18
130041-MW-9S-40FT	2-25-13	1823	G	GW	9		X	X	X	X	X	16 19
130041-TB-2-25-13	2-25-13	—	—	—			X	X	X	X	X	17 20
TEMP BLANK	2-25-13	—	—	—	—							

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client Disposal By Lab Archive For ☐ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
KEN LUKAS	GES	2-26-13/1200	~~FED EX~~ Ralph Major	T.A. NYC	2-26-13 1200
Ralph Major	T.A.N.Y.C.	2/26/13 15:45			15:45
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

260/3.1 IR#4 NOC's

NH 111

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Lab PM: Melissa Haas
777 New Durham Road # 7
Edison, NJ 08817-28

Chain of Custody Record

Client Contact	**Project Manager: Sarken E. Dressler**	**Invoice:** Bill Direct to DEC	**Date:**
Company: Groundwater & Environmental Services, Inc.	**Tel/Fax: (800)360-9405 x4319**	**Lab Contact:**	**Carrier:**
Address: 89 Cabot Court	**Analysis Turnaround Time**		
City/State/Zip: Hauppauge, NY, 11788	Calendar (C) or Work Days (W)		
(800)360-9405 Phone	TAT if different from Below _____		
(631)582-4410 FAX	☐ 2 weeks		
Project / Site Name: 130041 DEC Fumex Sanitation HW	☐ 1 week		
Site address: 131 Herricks Road, Garden City Park, NY	☐ 2 days		
P O #	☐ 1 day		

COC No: 8078 of _____ COCs

Job No.

SDG No.

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs 8260B -OLM04.2 Compound List	SVOCs 8270C - OLM04.2 Compound List	Organochlorine Pest. 8081A - OLM04.2	9012A - Cyanide, Total and/or Amenable	Metals, 6020 -OLM04.2 Analyte List 7470A - Mercury	Sample Specific Notes:
130041-MW-7D-55FT	2-25-13	1023	G	GW	9		X	X	X	X	X	#8 21
#21a 130041-TB-2-25-13	2-25-13	—	—	-			X	X	X	X	X	#8 22
TEMP BLANK 8	—	—	—	-	—							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client Disposal By Lab Archive For ☐ _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
KEN LUKAS	GES	2-26-13	FED EX Radcliffe	T.A. NYC	2-26-13 1200
[illegible] 1545		2/26/13	[illegible]		2/26/13 1545
Radcliffe	T.A. NYC	2/26/13 1545			

2.0/2.1 FR # 4 NOCs

03/11/2013

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TestAmerica Edison Receipt Temperature and pH Log

Job Number: 51333

Number of Coolers:	8	IR Gun #	4		
Temp. Cooler #1 (Deg C) (Raw/Corrected)	2.0/2.1	Temp. Cooler #4 (Deg C) (Raw/Corrected)	2.0/2.1	Temp. Cooler #7 (Deg C) (Raw/Corrected)	2.0/2.1
Temp. Cooler #2 (Deg C) (Raw/Corrected)	2.0/2.1	Temp. Cooler #5 (Deg C) (Raw/Corrected)	2.0/2.1	Temp. Cooler #8 (Deg C) (Raw/Corrected)	2.6/2.1
Temp. Cooler #3 (Deg C) (Raw/Corrected)	2.0/2.1	Temp. Cooler #6 (Deg C) (Raw/Corrected)	2.0/2.1	Temp. Cooler #9 (Deg C) (Raw/Corrected)	

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
1				<2							>12		
3				<2							>12		
4				<2							>12		
6				<2							>12		
7				<2							>12		
9				<2							>12		
10				<2							>12		
12				<2							>12		
13				<2							>12		
15				<2							>12		
16				<2							>12		
18				<2							>12		
19				<2							>12		

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative: _____ Expiration Date: _____

Project Manager and the 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.*

EDS-WI-038, Rev 3, 10/8/12

Initials: CH Date: 2/26/13

03/11/2013

TestAmerica Edison Receipt Temperature and pH Log

Job Number: 51333

Number of Coolers: _____ IR Gun # 4

Temp. Cooler #1 (Deg C) (Raw/Corrected) _____ Temp. Cooler #4 (Deg C) (Raw/Corrected) _____ Temp. Cooler #7 (Deg C) (Raw/Corrected) _____

Temp. Cooler #2 (Deg C) (Raw/Corrected) _____ Temp. Cooler #5 (Deg C) (Raw/Corrected) _____ Temp. Cooler #8 (Deg C) (Raw/Corrected) _____

Temp. Cooler #3 (Deg C) (Raw/Corrected) _____ Temp. Cooler #6 (Deg C) (Raw/Corrected) _____ Temp. Cooler #9 (Deg C) (Raw/Corrected) _____

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
21				L2							712		

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative: _____ Expiration Date: _____

Project Manager and the 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.*

EDS-WI-038, Rev 3, 10/8/12

Initials: CJH Date: 2/26/13

03/11/2013

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-51333-1

Login Number: 51333

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	coolers secure by client no c/s # recorded
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	3.1,3.1,3.1,3.1,3.1,3.1,3.1,3.1 ° C IR #4
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.	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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Insufficient volume received for MS/MSD.
Containers requiring zero headspace have no headspace or bubble is <6mm (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.

APPENDIX D

Fumex Sanitation Site-Wide Inspection Form
Site Number: 130041

Inspection Type: ☒ 6-Month ☐ Emergency

Institutional Control Compliance

Current Site Use: ☐ Commercial ☐ Industrial ☒ Unused Other: _____

Engineering Control Compliance

Asphalt Cover

General Condition ☒ As New ☐ Satisfactory ☐ Poor

Cracks ☒ No
☐ Yes (describe extent and locations): _____
_____
_____
_____
_____

Depressions/ Bird-baths ☒ No
☐ Yes (describe extent and locations): _____
_____
_____
_____
_____

Other Irregularities ☒ No
☐ Yes (describe extent and locations): _____
_____
_____
_____
_____

Storm Water Trench Drain

☒ Trench Drain is in good condition with no blockages.
If not, describe: _____
_____
_____
_____
_____

Fencing and Gate

☐ Fence and gate are in good condition and fully intact. Gate lock is in place and functional.
If not, describe: Fence and gate is in satisfactory conditions. The gate was secured; however, the brick wall on the northwestern corner of the Site has fallen down. This must be replaced with a fence to maintain site security.

Garage Interior Epoxy Resin Floor Coating

☐ Epoxy is in good condition and fully intact.
If not, describe: The epoxy resin coat has cracks along the joints of the concrete slab. Furthermore, subsequent inspections revealed the formation of water beneath the epoxy. These must be repaired to maintain its intergrity.

Garage Interior Sheetrock Walls

☒ Sheetrock walls covering remaining ACM mastic are intact.
If not, describe:

Building

Describe the general condition of the building. Note any roof leaks, vandalism, etc.
-No issues were observed regarding the exterior of the building
-No vandalism on building exterior was observed. However, the front door entrance is in poor condition
-Some trash/debris was observed on the front portion of the building
-Roof leaks were observed due to staining on the epoxy floor
-New sign observed on building and suggests there is a new property owner

APPENDIX E

Picture #1a:	Observed deficiency with site security on 2/25/2013.	**Picture #1b:**	Corrective measures completed in March 2013.

Brief Summary of the Work Completed:

On February 25, 2013, GES noticed that a portion of the northwestern cinderblock retaining wall was damaged (**Picture 1a**). The New York State Department of Environmental Conservation (NYSDEC) was notified of this issue and approved the installation of a 6-foot high chain link fence (**Picture 1b**). This work was completed in March of 2013 and entailed (a) hand clearing boreholes to install three fence posts to 18 inches below grade; (b) screening soil for potential impacts; (c) installing fence posts and backfilling with cement; and, (d) finishing the surface with an asphalt seal to ensure run-off water does not infiltrate into the ground at the fence post locations. During the hand clearing activities, personal protective equipment (PPE) including nitrile gloves, long sleeves and safety glass were worn. Impacted soil were not encountered during the installation of the fence posts based upon the following: (1) the fence posts were not installed beyond the vertical limits of the excavation, (2) the recovered sediments appeared to be consistent with the fill material (clean sand and gravels) that was used to backfill the excavation, and (3) field screening and visual observation did not indicated impacts to the recovered sediments. Therefore, off-site disposal of the soil was not warranted.

Picture #2a:	Example of observed irregularity (cracking) with epoxy resin coat along joint seems at select locations.	**Picture #2b:**	Corrective measures completed in April 2013.
Picture #2c:	Example of water bubbles forming beneath the epoxy coat. The bubbles were popped in order to apply another coat over the area.	**Picture #2d:**	Corrective measures completed in April 2013. This picture details cracks and former water bubble that were cleaned and re-sealed.

Brief Summary of the Work Completed:

In March of 2013, GES observed irregularities with the epoxy coating at select locations which affected its integrity (see **Pictures 2a/2c)**. The NYSDEC was notified immediately of these issues and approved patch work activities. The repair work was completed in April of 2013 (see example **Pictures 2b/2d**). The work entailed the following: (1) cleaning of the areas of observed irregularities by sweeping and drying of the surface with paper towels, (2) scraping of edges and surface to increase the cohesion of new epoxy, and (3) application of 1 to 2 coats of epoxy (Sikagard® 62 - gray). The type of epoxy used was the identical in specifications to the previous epoxy applied on the surface in November of 2011 as part of implementing this engineering control at the Site.

A copy of the Title/Deed report is not provided with this document as the original file is secured. A copy of this report has been submitted to the NYSDEC in March of 2013. A hard copy of this report was also sent to the NYSDEC.

APPENDIX G

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7)**:**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 130041

Site Name Fumex Sanitation, Inc.

Site Address: 131 Herricks Road Zip Code: 11040
City/Town: Garden City Park
County: Nassau
Site Acreage: 0.24

Reporting Period: March 23, 2012 to April 30, 2013

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☒	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.	SEE PRR	
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed? *	☒	☐

* refer to May 13, 2013 Periodic Review Report.

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

SITE NO. 130041

Box 3

Parcel	Owner	Institutional Control
331.74-005-80	Frontseat LLC	Ground Water Use Restriction Landuse Restriction Building Use Restriction Site Management Plan Soil Management Plan Monitoring Plan O&M Plan IC/EC Plan

ROD calls for a cover system consisting of clean soil covered by asphalt. An environmental notice is in place to maintain the impermeable cap and restrict soil excavation beneath the cap without prior approval from NYSDEC.EN was recorded on 4/24/12 in Misc. Lien Documents - document #142701.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
331.74-005-80	Fencing/Access Control Cover System

The following engineering control systems are in place at the Site and are as follows and discussed below:

1. Soil and Asphalt Cover System: Exposure to remaining contamination in soil/fill at the Site is prevented by a soil and asphalt cover system placed over the Site. This cover system is comprised of 11 to 20 inches of clean soil under asphalt pavement.

2.Epoxy Resin Coating: Exposure to remaining contamination in the concrete inside the on-site building is prevented by an epoxy coating applied over the cement floor.

3.Bridging Encapsulant: Exposure to remaining asbestos containing mastic material on the walls of the on-site building is prevented by an encapsulant applied on top of the mastic material. A sheetrock wall was constructed over the encapsulated mastic to prevent disturbance.

4. Fencing: Security for the Site is provided by fencing that encloses the parking lot. The 21.5 foot wide section of concrete wall on the southern border of the property demolished during remedial construction activities was replaced with a 12-foot chain link fence. The remainder of the southern border is protected with 6-foot chain link fence. The western side of the parking lot is separated from the bordering residential property with 6-foot chain link fencing. The on-site building encloses the eastern side of the parking lot, and the northern edge has brick and block wall/6-foot high replacement fence with a locking chain link fence swinging gates in the center to provide access.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.
Engineering practices; and the information presented is accurate and complete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC/EC CERTIFICATIONS
NYSDEC SITE NO. 130041

Box 6

SIGNATURE

I certify that all information and statements in Boxes 2 through 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Genevieve F. Bock at 89 Cabot Ct., Suite A, Hauppauge, NY

print name

(Print Business Address)

am certifying theh IC/ECs for the Site as a Qualified Environmental Professional (title/license)

Signature

Stamp
(Required for P.E.)

5/10/2013
Date