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Consolidated Edison Company of New York, Inc.

Haven Plaza – Supplemental Investigation Report

East 11th Street Works
Manhattan, New York

October 2011

ARCADIS

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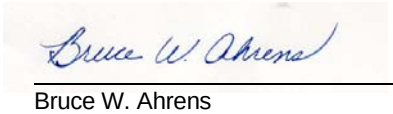
Vice President



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Haven Plaza – Supplemental Investigation Report

East 11th Street Works Site,
Manhattan, New York

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Table of Contents

1. Introduction

This *Supplemental Investigation Report* (SI Report) presents a summary of the results from the supplemental investigation (SI) conducted within the parking garage at the eastern portion of the Haven Plaza property, which comprises a portion of the East 11th Street Works site (site) located in Manhattan, New York. The parking garage exists underneath the second story of 710 East 13th Street, One Haven Plaza, and Three Haven Plaza. The SI was conducted in accordance with the New York State Department of Environmental Conservation- (NYSDEC-) approved *Haven Plaza – Supplemental Investigation Work Plan* (ARCADIS, June 2010) (SI Work Plan).

1.1 Project Background and Objective

The former East 11th Street Works (Works) was located on the Lower East Side of the Borough of Manhattan, New York City, New York. Based on review of historic Sanborn maps, it appears that a portion of the Works, at its most developed stage, existed in the area that is now occupied by the eastern portion of the Haven Plaza development. Sanborn maps from 1903 and 1920 show the presence of a purifier house in the area now occupied by the eastern portion of the parking garage and 710 East 13th Street, and Three Haven Plaza. The Sanborn maps do not show the presence of underground/aboveground storage tanks in the area of the purifier house. Subsequent to the closure of the Works and purifier house (circa 1933), and prior to the development of Haven Plaza (circa 1970), the Premium Ice Company operated on the parcel now occupied by the eastern portion of the parking garage and 710 East 13th Street, and Three Haven Plaza (i.e., the SI study area).

Based on the results from a Phase II Environmental Site Assessment (Phase II Assessment) conducted by CA Rich Consultants, Inc. (CA Rich) in unsaturated soil in the eastern portion of the parking garage in 2008, CA Rich concluded that the volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metal constituents detected in all borings, except SB-11, were indicative of typical concentrations characteristic of construction fill throughout New York City. CA Rich concluded that the VOCs and SVOCs detected at soil boring location SB-11 were likely related to historical industrial use or the presence of an underground storage tank. CA Rich further concluded that the results from groundwater testing indicated that groundwater conditions were not indicative of a release or spill. Based on the Phase II Assessment analytical results, the NYSDEC required the area around SB-11 be excavated due to elevated detections of naphthalene at SB-11. Excavation activities were conducted in March/April 2009. Laboratory analyses from endpoint sampling indicated that the soil from the bottom (approximately 3.5 feet below ground surface [bgs]), south, east, and west sidewalls were within regulatory guidelines or consistent with similar properties in New York City or urban fill (CA Rich, 2009).

As described in the SI Work Plan, the primary objective of the SI was to investigate the western extent of soil within the saturated zone potentially impacted by the former Works, specifically in the vicinity of existing soil

boring SB-12 (Figure 1). A soil sample collected from SB-12 during the Phase II Assessment from 0 to 4 feet bgs contained naphthalene at a concentration of 24 milligrams per kilogram (mg/kg), which exceeded the NYSDEC Unrestricted Use Soil Cleanup Objective (SCO) of 12 mg/kg. The boring was terminated at the top of groundwater (8 to 10 bgs); therefore, no data existed within the saturated zone.

To investigate the western extent of impacts in the saturated zone, two soil borings were completed during the SI:

- SB-142; located adjacent to historical soil boring SB-12 where naphthalene was detected in shallow soil at approximately 24 mg/kg. Boring SB-142 was installed to evaluate the potential presence of impacts within the saturated zone at this location.

- SB-143; located approximately 20 feet north of existing soil boring SB-9 (that was also installed during the Phase II Assessment). Soil boring SB-143 was also installed to evaluate the potential presence of impacts within the saturated zone at this location.

2. Field Activities

Field activities associated with the SI were completed from July 11 to July 15, 2011 in accordance with the SI Work Plan. Activities completed as part of the SI included:

- Site Reconnaissance Visit
- Utility Clearance
- Community Air Monitoring
- Subsurface Soil Investigation
- Management of investigation derived waste (IDW)
- Site Survey

Summaries of these activities are included below. Tabulated laboratory results from soil samples collected from SB-142 and SB-143, a figure showing the soil boring locations, a photographic log, a copy of the Data Usability Summary Report (DUSR), and laboratory analytical reports (on compact disk) are included as appendices.

2.1 Site Reconnaissance Visit

A site reconnaissance to meet with Ms. Daisy Lopez, On-Site Property Manager, Haven Plaza HDFC, was conducted on June 30, 2011 by an ARCADIS representative and Consolidated Edison Company of New York, Inc. (Con Edison). The objectives of the site reconnaissance were to:

- Arrange for access into the garage and confirm a start date for the field activities.
- Identify/confirm the general locations of soil borings SB-142 and SB-143 (vehicles were still in garage).
- Observe/document the physical restrictions of the garage for potential access and overhead clearance issues.

During the site visit, July 11, 2011 was confirmed as the start of field activities; no modifications to the SI Work Plan were identified. An additional site visit was conducted by ARCADIS on July 8 to obtain keys to open the overhead door to enter the parking garage.

2.2 Utility Clearance

Prior to initiating intrusive investigation activities, sample locations were cleared in accordance with Con Edison's utility clearance procedures. As an initial step, the New York City "One Call" organization was contacted by the drilling subcontractor (Aquifer Drilling & Testing, Inc.) prior to the start of fieldwork to request utility mark-outs in accordance with Code 753. All mark outs responses by Code 753 participating companies were received by the July 11 field start date. Because the site was located inside a private building, the responders were not able to mark utilities at the site.

Subsequent to completion of the Code 753 responses and review of available New York City Department of Environmental Protection (NYCDEP) drawings and Con Edison utility plates for gas and electric service, the inside of the building was inspected to observe the distribution/layout of the various utilities that could be identified when entering the building, as well as building-specific utilities (e.g., roof and or floor drains).

In addition, Naeva Geophysics, Inc. (Naeva) was subcontracted to perform a geophysical investigation on July 11, including both electromagnetic metal detection and ground penetrating radar. ARCADIS was present to observe the activities. Naeva marked the approximate locations of below grade electrical lines along with the below grade floor drains that were located near the proposed soil boring locations; no additional utilities were positively identified. Due to the presence of utilities around the area of SB-142, this boring was relocated to maintain a safe distance from a suspected utility.

As an added precaution for worker safety and to minimize the potential for damage to subsurface utilities, boring locations were cleared by non-mechanical means (e.g., hand digging) by the drilling contractor. Soil was excavated, typically to a minimum depth of 5 feet bgs, to physically confirm the presence/absence of subsurface utilities at each of the proposed boring locations.

2.3 Community Air Monitoring

Community air monitoring was conducted in accordance with the generic New York State Department of Health's (NYSDOH's) Community Air Monitoring Plan (CAMP) included in ARCADIS' site-specific Health and Safety Plan (HASP). CAMP monitoring included monitoring for VOC vapors using photoionization detectors (PIDs) and particulates (i.e., dust) using PDR100 particulate meters at two dedicated monitoring stations. Because intrusive activities were performed indoors, each monitoring station was located near an open door/garage bay. No exceedances for VOCs or particulates were measured that caused site operations to stop or for mitigation activities (i.e., foam, wetting surfaces) to be implemented. CAMP monitoring data are maintained on file at ARCADIS' office in Syracuse, New York.

2.4 Subsurface Soil Investigation

Subsurface soil investigation activities were conducted from July 12 to 15, 2011 and included completion of two soil borings (SB-142 and SB-143) and subsurface soil sampling. SB-142 was completed using a portable Geoprobe unit due to ceiling constraints (i.e. column supports) while SB-143 was completed using a direct push track-mounted Geoprobe rig. During soil boring installation soil samples were collected continuously to the bottom of the borings using 3 foot long, 2-inch-diameter Macro Core® samplers lined with an acetate sleeve. Due to ceiling height constraints, the standard 4 foot Macro Core® sampler associated with the track-mounted drill rig (Geoprobe® Track mounted 6610) could not be utilized. Soil boring logs describing the soils encountered and soil boring depth are provided in Appendix A.

The completion of the soil borings followed a consistent methodology:

- Soil samples were retrieved continuously from grade to the total boring depth using direct push methods.
- Recovered soil samples were reviewed and screened for VOCs using an organic vapor meter equipped with a PID.
- Selected samples were submitted for laboratory analyses, as described in Section 3.2.
- Upon completion, borings were tremie-grouted from the bottom of the boring to grade.

Select photographs from each boring location are included as Appendix B.

During pre-clearing activities at soil boring SB-142, a concrete pad was encountered at 1.5 feet bgs. The soil boring location was moved approximately 8 feet to the east (i.e., closer to SB-12) and cleared to 5 feet bgs. The boring was drilled to a depth of 22.5 feet bgs where a confining layer of silty clay was encountered. The initial boring location was subsequently labeled SB-142A and the second location was labeled SB-142B. No visual impacts were observed over the length of the soil boring; PID measurements were all less than 1.0 part per million (ppm). Three soil samples from SB-142B were selected for laboratory analysis.

Soil boring SB-143 was completed to a depth of 40 feet bgs. Similar to SB-142B, no visual impacts were observed over the length of the soil boring; PID measurements were less than 1.0 ppm.

Soil boring locations are presented on Figure 1. For completeness, the soil borings completed during CA Rich's Phase II investigation are also shown on the figure.

Three soil samples were retained from each soil boring and submitted under chain of custody protocols to TestAmerica Laboratories (TestAmerica) of Shelton, Connecticut for analysis of:

- Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Method 8260B.
- TCL SVOCs by USEPA Method 8270C.

The selection rationale of soil samples for analysis followed the procedures presented in the SI Work Plan. Note that only three samples were selected from each boring for laboratory analysis because no interval existed where evidence of suspected impacts was identified based on PID readings, visual observation, and/or odors.

Quality assurance/quality control samples were collected as required by the SI Work Plan.

Work space air monitoring was conducted in accordance with the HASP using real-time, hand-held monitoring instruments including a multi-gas monitor (Lower Explosive Limit, oxygen, carbon monoxide, and hydrogen sulfide), a PID, and a particulate meter. No action levels or personal protective equipment (PPE) upgrades were required based on the work space air monitoring.

In addition, background/baseline noise levels were monitored using a decibel meter prior to initiating site activities. Due primarily to construction activities related to the Haven Plaza parking garage that were ongoing during the supplemental investigation activities (i.e., not related to investigation activities), baseline noise levels were >85 decibels (dB). Based on the background/baseline noise monitoring results, hearing protection was required at all times. Noise monitoring results averaged approximately 88 dBs over the three days of site activities (i.e., including investigation activities).

Equipment decontamination was completed prior to the start of drilling activities, between each investigation location, and prior to demobilization. Equipment decontamination was conducted in accordance with the procedures outlined in ARCADIS' Standard Operating Procedures. The integrity of the decontamination procedures was verified with the use of equipment rinse blanks, as required by the Quality Assurance Project Plan.

2.4.1 Management of Investigation Derived Waste

IDW generated during the site characterization included drill cuttings, debris/soils from concrete coring (i.e. concrete, brick), decontamination fluids, PPE, and disposable sampling equipment. All IDW was placed in Department of Transportation-approved 55-gallon drums. All drums were labeled as IDW and temporarily staged in a secured area designated by the property owners and Con Edison. Upon the completion of the

field activities, the IDW was transported off site by Clean Ventures of Elizabeth, New Jersey, and disposed of at a Con Edison-approved disposal facility.

2.5 Site Survey

Following completion of the subsurface soil investigation and restoration activities, Borbas Surveying & Mapping, LLC completed a field survey of the boring locations (SB-142A, SB-142B, and SB-143) to obtain accurate soil boring locations and surface elevations. The survey was tied to the New York State Plane Coordinate System (NAD 83) and the North American Vertical Datum of 1988 (NAVD 88). The figure presented in this report was developed using this survey data.

2.6 Data Review/DUSR Preparation

VOC and SVOC analytical data were reviewed for compliance by ARCADIS according to the most recent USEPA and NYSDOH guidance documents. The review was conducted as a Tier III evaluation and included review of data package completeness. As reported in the DUSR, the overall data quality was within the guidelines specified in the methods, and therefore considered usable.

DUSRs for laboratory sample delivery groups are presented in Appendix C.

3. Results

This section presents the findings of the SI field investigation activities described in Section 2. These findings include interpretations of the site geology based on field observations and the occurrence and distribution of impacts based on field screening and laboratory sample results.

3.1 Site Geology

Two stratigraphic units were encountered during the SI; a Fill Unit and a Sand-Silt Unit. The Fill Unit was the uppermost unit encountered which represents the present-day surface of the site. The Fill Unit is underlain by the Sand-Silt Unit. The Fill Unit comprises materials typically found in urban environments such as Manhattan (urban fill), and consisted of construction debris (brick, concrete, metal, wood) intermingled with undifferentiated yellow to brown sand, and gravel.

Previous data collected from the areas east and north of the Haven Plaza garage indicated the thickness of the Fill Unit range from 7 to 30 feet; however, only 2 to 4 feet of fill material were encountered at Haven Plaza during the SI. The absence of a thicker Fill Unit under the Haven Plaza garage is likely attributed to the redevelopment of the site with a subterranean garage, coupled with the estimated historical location of the shoreline being between SB-142A/B and SB-143 as shown on Figure 1. It would be anticipated that the locations to the south and west of the historical shoreline would exhibit less fill material compared to portions of the site to the north and east.

The Sand-Silt Unit underlying the Fill Unit consisted of fine to medium sand with silt and clay lenses. The top of the Sand-Silt Unit was identified as 3 feet bgs at SB-142A and at 5 feet bgs at SB-143.

The findings of the geologic setting from the SI were consistent with the geology reported in historical borings completed at the site.

3.2 Analysis Results

Soil analytical results for VOCs and SVOCs are provided in Table 1. For discussion purposes, results are compared to the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and typical Manhattan Background concentrations (RETEC, 2007). A reported result that exceeded its respective SCO is bolded and shaded in the summary table; an analytical result that exceeds its reported Manhattan background concentration is bolded in the summary table. The analytical reports from TestAmerica are provided on a compact disk included as Appendix D.

3.2.1 VOCs

VOCs were detected in all six soil samples sent for laboratory analysis; however, none of the detected concentrations exceeded the Unrestricted Use SCOs.

Total VOC concentrations ranged between 0.14J micrograms per kilogram (µg/kg) and 6.4J µg/kg. The most commonly detected analyte was toluene, which was detected in five of the six samples at concentrations between 0.14J µg/kg and 0.42J µg/kg (all below the Unrestricted Use SCO of 700 µg/kg). Other detected VOCs included 1,1,1-trichloroethane, 1,1-dichloroethene, acetone, benzene, carbon disulfide, and xylene all at concentrations below the Unrestricted Use SCO.

The highest concentration of Total VOCs (6.4 µg/kg) was detected at SB-142B from 2 to 3 feet bgs (i.e., in the Fill Unit).

3.2.2 SVOCs

SVOCs were detected in two of the six samples sent for laboratory analysis (SB-142B at 2 to 3 feet bgs and SB-142B at 3 to 4 feet bgs). Note that the sample collected from 3 to 4 feet bgs at SB-142B contained only one detected SVOC (pyrene) at a concentration of 24 µg/kg, which is below its Unrestricted Use SCO (100,000 µg/kg) and the Manhattan Background criteria (2,500 µg/kg). No SVOCs were detected in samples collected from the saturated zone.

Only one soil sample (SB-142B at 2 to 3 feet bgs) contained SVOC analytes above their respected Unrestricted Use SCO or Manhattan Background concentration. This sample contained 20 detected SVOCs; five of the detected SVOCs were polycyclic aromatic hydrocarbons (PAHs), including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. Each of the PAHs exceeded their respective Unrestricted Use SCO. The remaining detected concentrations were below their respective Unrestricted Use SCOs.

Total SVOC concentrations ranged from non-detect (4 samples) to 22,000 µg/kg (SB-142B at 2 to 3 feet bgs). Naphthalene was only detected in one soil sample (SB-142B at 2 to 3 feet bgs) at a concentration of 1,400 µg/kg (below its Unrestricted Use SCO).

4. Conclusions

Based on the results of the SI activities, the following conclusions are presented:

- No visual evidence of impacts were observed in soil collected from either SB-142B or SB-143.
- SVOCs, including naphthalene, were not detected within the saturated zone from either SB-142B or SB-143.
- The highest concentrations of SVOCs were located at SB-142B from 2-3 feet bgs (22,000J µg/kg). The material within this area, based on photos and soil logs obtained during field activities, appears to be fill material located immediately beneath the parking garage concrete slab.
- The location of SB-142B is located near SB-12, which contained naphthalene from 0 to 4 feet bgs at 24 milligrams per kilogram (mg/kg), or 24,000 µg/kg. The sample collected from SB-142B at 2 to 3 feet contained naphthalene at 1,400J µg/kg, which is below the Unrestricted Use SCO (12,000 µg/kg). Samples collected from SB-142B at 3 to 4 and 22 to 22.5 feet did not possess naphthalene above the laboratory detection limit, therefore the vertical extent of naphthalene is delineated; the source appears to originate from the fill material.
- Sample results from SB-143 within the saturated zone indicate that there are no exceedances of either Unrestricted Use SCOs or Manhattan Background criteria. These results from the three samples collected at SB-143 have bounded the western extent of impacts identified at SB-132.

The supplemental investigation identified the vertical and horizontal extent of naphthalene, and confirmed that naphthalene is present within the fill material immediately beneath the concrete slab. The supplemental investigation also confirmed the western extent of impacts from previously identified at SB-132.

Based on the conclusions presented above, no further investigation work is warranted.

5. References

The RETEC Group, Inc. Characterization *of Soil Background PAH and Metal Concentrations, Manhattan, New York*. March 24, 2007.

New York State Department of Environmental Conservation. *6 NYCRR Part 375 Environmental Remediation Program*. December 2006

ARCADIS. *Haven Plaza – Supplemental Investigation Work Plan, Former East 11th Street Works*. June 2010.

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Table

Table 1
Subsurface Soil Analytical Results

Consolidated Edison of New York, Inc.
Haven Plaza Supplemental Investigation

Location ID: Sample Depth(ft bgs): Date Collected:	Manhatten Background 95th Percentile Sub-	Unrestricted Use SCOs	Units	SB-142B 2 - 3 07/13/11	SB-142B 3 - 4 07/13/11	SB-142B 22 - 22.5 07/14/11	SB-143 3 - 4 07/14/11	SB-143 32 - 33 07/14/11	SB-143 39 - 40 07/14/11
Detected Volatiles									
1,1,1-Trichloroethane	- -	680	µg/kg	2.2 J	5.7 U	7.0 U	6.3 U	6.0 U [6.0 U]	6.2 U
1,1-Dichloroethene	- -	330	µg/kg	0.85 J	5.7 U	7.0 U	6.3 U	6.0 U [6.0 U]	6.2 U
Acetone	- -	50	µg/kg	23 UB	23 UB	28 UB	25 UB	24 UB [4.6 J]	4.5 J
Benzene	- -	60	µg/kg	5.6 U	3.5 J	7.0 U	6.3 U	6.0 U [6.0 U]	6.2 U
Carbon Disulfide	- -	- -	µg/kg	0.76 J	5.7 U	7.0 U	6.3 U	6.0 U [6.0 U]	6.2 U
Toluene	- -	700	µg/kg	0.42 J	0.16 J	0.37 J	0.15 J	0.14 J [6.0 U]	6.2 U
Xylenes (total)	- -	260	µg/kg	2.2 J	5.7 U	7.0 U	6.3 U	6.0 U [6.0 U]	6.2 U
Total BTEX	- -	- -	µg/kg	2.6 J	3.7 J	0.37 J	0.15 J	0.14 J [ND]	ND
Total VOCs	- -	- -	µg/kg	6.4 J	3.7 J	0.37 J	0.15 J	0.14 J [4.6 J]	4.5 J
Detected Semivolatiles									
2-Methylnaphthalene	- -	- -	µg/kg	430	310 U	370 U	320 U	310 U [310 U]	330 U
Acenaphthene	400	20,000	µg/kg	**410**	310 U	370 U	320 U	310 U [310 U]	330 U
Acenaphthylene	100	100,000	µg/kg	52 J	310 U	370 U	320 U	310 U [310 U]	330 U
Anthracene	700	100,000	µg/kg	**920**	310 U	370 U	320 U	310 U [310 U]	330 U
Benzo(a)anthracene	1,600	1,000	µg/kg	**1,700**	310 U	370 U	320 U	310 U [310 U]	330 U
Benzo(a)pyrene	2,000	1,000	µg/kg	**1,400**	310 U	370 U	320 U	310 U [310 U]	330 U
Benzo(b)fluoranthene	2,100	1,000	µg/kg	**1,600**	310 U	370 U	320 U	310 U [310 U]	330 U
Benzo(g,h,i)perylene	1,500	100,000	µg/kg	970 J	310 UJ	370 UJ	320 UJ	310 UJ [310 UJ]	330 UJ
Benzo(k)fluoranthene	1,800	800	µg/kg	560	310 U	370 U	320 U	310 U [310 U]	330 U
Carbazole	- -	- -	µg/kg	360	310 U	370 U	320 U	310 U [310 U]	330 U
Chrysene	1,800	1,000	µg/kg	**1,700 J**	310 UJ	370 UJ	320 UJ	310 UJ [310 UJ]	330 UJ
Dibenz(a,h)anthracene	400	330	µg/kg	300	310 U	370 U	320 U	310 U [310 U]	330 U
Dibenzofuran	- -	7,000	µg/kg	330	310 U	370 U	320 U	310 U [310 U]	330 U
Fluoranthene	2,800	100,000	µg/kg	2,300	310 U	370 U	320 U	310 U [310 U]	330 U
Fluorene	300	30,000	µg/kg	**620**	310 U	370 U	320 U	310 U [310 U]	330 U
Indeno(1,2,3-cd)pyrene	1,800	500	µg/kg	**990**	310 U	370 U	320 U	310 U [310 U]	330 U
Naphthalene	200	12,000	µg/kg	**1,400**	310 U	370 U	320 U	310 U [310 U]	330 U
N-Nitrosodiphenylamine	- -	- -	µg/kg	220 J	310 U	370 U	320 U	310 U [310 U]	330 U
Phenanthrene	2,500	100,000	µg/kg	**2,600**	310 U	370 U	320 U	310 U [310 U]	330 U
Pyrene	2,500	100,000	µg/kg	**2,700 J**	24 J	370 UJ	320 UJ	310 UJ [310 UJ]	330 UJ
Total PAHs	- -	- -	µg/kg	21,000 J	24 J	ND	ND	ND [ND]	ND
Total SVOCs	- -	- -	µg/kg	22,000 J	24 J	ND	ND	ND [ND]	ND

Notes:
1. This table includes detected compounds only.
2. Bolded/shaded data indicates exceedances of Unrestricted Use Soil Cleanup Objectives as per NYCRR Part 375, Table 375-6.8(a).
3. Shaded data indicates exceedances of the Manhatten Background 95th Percentile Sub-Surface criteria.
4. Samples were collected by ARCADIS.
5. Samples were analyzed by TestAmerica, Inc. of Shelton, Connecticut.
6. Data validated by ARCADIS.
7. Results reported are [ ] are for field duplicate sample collected at that location.
8. µg/kg = micrograms per kilogram
9. - - = no SCO or background criteria exists for the specified compound
10. ft bgs = feet below ground surface
11. Lab Qualifiers:
    J = Estimated value
    U = Compound not detected at indicated detection limit
    B = Analyate was also detected in the associated method blank
    ND = None detected

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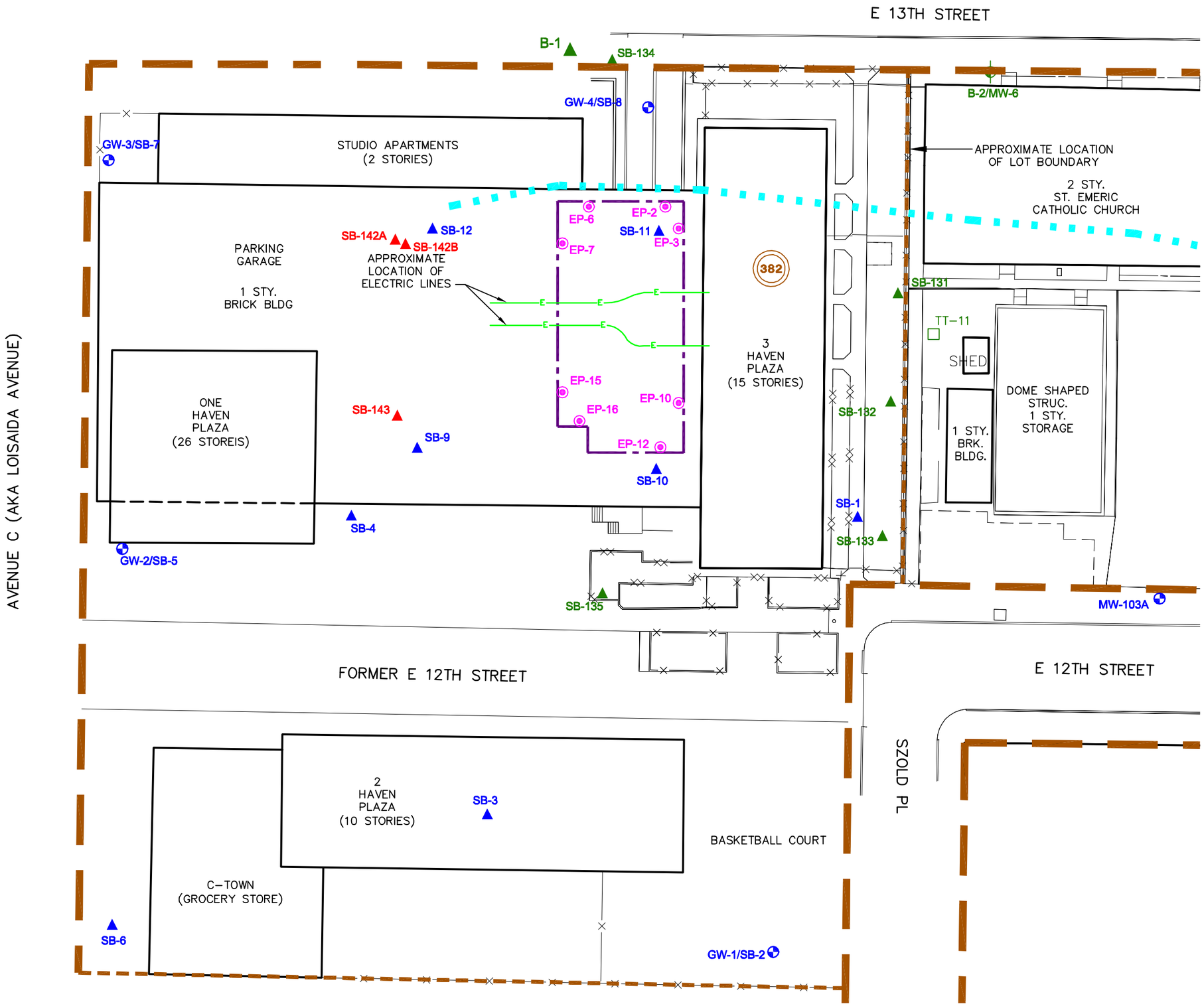
Figure



LEGEND:

- RI SOIL BORING
- RI TEST TRENCH
- RI MONITORING WELL
- APPROXIMATE LOCATION OF CA RICH SOIL BORING
- APPROXIMATE LOCATION OF CA RICH MONTORING WELL
- APPROXIMATE LOCATION OF CA RICH END POINT SAMPLE
- APPROXIMATE SOIL BORING LOCATION
- FENCE
- BUILDING
- BLOCK BOUNDARY
- LOT BOUNDARY
- 316 BLOCK NUMBER
- APPROXIMATE CA RICH EXCAVATION BOUNDARY
- ORIGINAL SHORELINE AS PRESENTED IN THE REMEDIAL INVESTIGATION REPORT (ARCADIS 2007)

NOTES:

1. BASE MAP AND SURVEY CONTROL WAS TAKEN FROM ORIGINAL SURVEY DATED 9/3/2004; SUBMITTED BY B.B.L. ON 8/25/2006.
2. BLOCK AND LOT BOUNDARIES TAKEN FROM THE NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM (OASIS).
3. LOCATIONS OF BORINGS AND WELLS IDENTIFIED AS "CA RICH" WERE TAKEN FROM FIGURE 2 OF THE SPILL CLOSURE REPORT, DATED JUNE 4, 2009 (CA RICH CONSULTANTS, INC.)
4. LOCATIONS OF ELECTRIC LINES AND DRAIN LINE ARE APPROXIMATE AND TAKEN FROM SPILL CLOSURE REPORT, DATED JUNE 2009 (CA RICH CONSULTANTS, INC.)

0 40' 80'

GRAPHIC SCALE

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
FORMER EAST 11th STREET WORKS
SUPPLEMENTAL REMEDIAL INVESTIGATION

HAVEN PLAZA SITE MAP

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FIGURE 1

CITY: SYRACUSE, NY DIVGROUP: 141/ENVCAD DB: L.POSENAUER LD:(Opt) PIC:(Opt) PM: B.AHERNS TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACTIVE\B0043013000\00019\DWG\SR143013B01.dwg LAYOUT: 1SAVED: 9/20/2011 11:23 AM ACADVER: 18.0S (LMS TECH) PAGESETUP: ---PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 9/20/2011 11:23 AM BY: POSENAUER, LISA
XREFS:
IMAGES:
43013X01

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Appendices

On CD

Appendix A

Soil Boring Logs

Date Start/Finish: 7/13/11-7/14/11
Drilling Company: ADT
Driller's Name: Chris Mickee
Drilling Method: Direct Push
Sampling Method: 3' Acetate Liner
Rig Type: 420M Geoprobe

Northing: 690251.4
Easting: 637442.2
Casing Elevation: NA

Borehole Depth: 22.5' bgs
Surface Elevation: 1.5' AMSL

Descriptions By: Dustin Grzesik

Well/Boring ID: **SB-142B**

Client: Consolidated Edison Company or New York, Inc

Location: East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	1	0-0.5	0.5	NA		CONCRETE Slab, no odor, NVI.	
0	2	0.5-2	1.5	1.0		Dusky yellowish brown SAND, some Gravel, wood and metal debris, no odor, NVI.	
	3	2-3	1.0	0.9		Dark yellowish brown SAND, no odor, NVI, moist.	
	4	3-4	1.0	0.7		SAA, no odor, NVI, watery.	
	5	4-5	1.0	0.6		SAA, no odor, NVI, moist.	
5	6	5-7	2.0	0.1		Moderate yellowish brown SAND with fines, no odor, NVI, wet.	
-5	7	7-8	0.8	0.1		Dusky yellow brown medium SAND, no odor, NVI, wet.	
	8	8-10	1.1	0.1		SAA, no odor, NVI, moist.	Trimmie grouted to surface (0-22.5' bgs)
10	9	10-12	1.5	0.2		SAA; very slight odor at bottom of sample, NVI.	
-10	10	12-14	2.0	0.1		SAA; slight odor, NVI.	
15	11	14-16	2.0	0.1			

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

SB-142B installed due to concrete slab (approximately 1.5' bgs) encounted during installation of SB-142A. No log generated for SB-142A. SB-142A survey information [N:690254.8, E:637439.4, Elev:1.5]

Client: Consolidated Edison Company or New York, Inc

Well/Boring ID: **SB-142B**

Borehole Depth: 22.5' bgs

Site Location:
East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
-15	12	16-18	2.0	0.10		SAA, dark yellowish brown from 17-18' bgs no odor, NVI.	
	13	18-19.5	1.5	0.1		Dark yellowish SAND with SILTY lenses, no odor, NVI.	Trimmie grouted to surface (0-22.5' bgs)
20	14	19.5-22	2.5	0.1		Silty CLAY grading to Clayey SAND, no odor, NVI.	
-20	15	22-22.5	0.5	0.1			
						End of Boring at 22.5' bgs.	
25							
-25							
30							
-30							
35							

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

SB-142B installed due to concrete slab (approximately 1.5' bgs) encounted during installation of SB-142A. No log generated for SB-142A. SB-142A survey information [N:690254.8, E:637439.4, Elev:1.5]

Date Start/Finish: 7/14/11
Drilling Company: ADT
Driller's Name: Chris Mickee
Drilling Method: Direct Push
Sampling Method: 3' Acetate Liner
Rig Type: Track-Mounted 6610DT Geoprobe Rig

Northing: 690192.7
Easting: 637407.3
Casing Elevation: NA

Borehole Depth: 40' bgs
Surface Elevation: 1.5' AMSL

Descriptions By: Dustin Grzesik

Well/Boring ID: **SB-143**

Client: Consolidated Edison Company or New York, Inc

Location: East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	1	0-1	1.0	0.1		CONCRETE Slab underlain by Sand and brick debris, no odor, NVI.	
0	2	1-3	2.0	0.2		Dusky yellow to black SAND, slight odor, NVI, wet.	
	3	3-4	1.0	0.3		SAND, some Gravel and Clayey Silt, no odor, NVI, wet.	
	4	4-5	1.0	0.0		SAA, no odor, NVI, moist.	
5	5	5-8	3.0	0.1		Dark yellowish brown SAND, slight odor, NVI, wet.	
-5	6	8-10	2.0	0.0		Brownish red CLAY, no odor, NVI, moist.	
10	7	10-12	1.5	0.1		Moderate brown CLAY, no odor, NVI, moist.	
-10	8	12-14	1.5	0.1		Moderate brown CLAY, no odor, NVI, wet.	
15	9	14-16	2.0	0.0		Fine SAND with Mica, no odor, NVI.	
						Dark yellowish brown CLAY, no odor, NVI, dry.	

Trimmie grouted to surface (0-40' bgs)

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

Client: Consolidated Edison Company or New York, Inc

Well/Boring ID: **SB-143**

Borehole Depth: 40' bgs

Site Location:
East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
	-15	10	16-18	2.0	0.0		Dark yellowish brown SILT, some Sand, no odor, NVI, moist.	
							Dark yellowish brown Silty SAND, no odor, NVI, moist.	
							Dark yellowish brown CLAY, some Sand, no odor, NVI, moist.	
		11	18-20	0.0	NA		NO RECOVERY.	
20	-20	12	20-22	2.0	0.0		Brownish gray fine SAND, some Silt, no odor, NVI, wet.	
		13	22-24	2.0	0.0		Brown-gray very fine to fine SAND, some Silt, dense, no odor, NVI, wet.	
25		14	24-26	2.0	0.1 0.2		Brown-gray very fine SAND, some Silt, dense, no odor, NVI, moist.	
	-25	15	26-30	4.0	0.9 0.4 0.2 0.1		Brown-gray very fine to fine SAND, some Silt, dense, no odor, NVI, wet.	Trimmie grouted to surface (0-40' bgs)
30								
	-30	16	30-35	5.0	0.1 0.1 0.1 0.1		Brown-gray fine SAND, some Silt, dense, no odor, NVI, wet.	
35							Brown-gray fine SAND, some Silt (Silt content increasing with depth), dense, no odor, NVI, wet.	

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

Client: Consolidated Edison Company or New York, Inc

Well/Boring ID: **SB-143**

Borehole Depth: 40' bgs

Site Location:
East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
-35	17	35-40	5.0	0.0.		Brown-gray fine SAND, some Silt (Silt content increasing with depth), dense, no odor, NVI, wet.	Trimmie grouted to surface (0-40' bgs)
40 / -40						End of Boring at 40' bgs.	
45 / -45							
50 / -50							
55							

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

Appendix B

Photographic Log

East 11th Street Works

Supplemental Investigation Activities

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 1	
PHOTOGRAPHER: DG	
DATE: 07/13/2011	
DIRECTION: NA	
COMMENT: Soil Boring Location SB-142. Sample depth 0-2'.	

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 2	
PHOTOGRAPHER: DG	
DATE: 07/13/2011	
DIRECTION: N/A	
COMMENT: Soil boring location SB-142. Sample depth 2-4'. Samples taken from 2-3' and 3-4' separately.	

East 11th Street Works

Supplemental Investigation Activities

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 3	
PHOTOGRAPHER: DG	
DATE: 7/14/2011	
DIRECTION: N/A	
COMMENT: Soil boring SB-143 Sample depth 5-8'	

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 4	
PHOTOGRAPHER: DG	
DATE: 7/14/2011	
DIRECTION: N/A	
COMMENT: Soil boring SB-143 Sample depths 8-22' (2' intervals)	

East 11th Street Works

Supplemental Investigation Activities

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043012	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 5 **PHOTOGRAPHER:** AF **DATE:** 7/14/2011 **DIRECTION:** East **COMMENT:** Restoration of soil boring SB-142B.	

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043012	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 6 **PHOTOGRAPHER:** AF **DATE:** 7/14/2011 **DIRECTION:** Southeast **COMMENT:** Restoration of soil boring SB-143.	

Appendix C

Data Usability Summary Reports (DUSRs)

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Imagine the result

ConEd E. 11th Street Site

Data Usability Summary Report

NEW YORK CITY, NEW YORK

Volatile and Semivolatile Analyses

SDG#220-16030

Analyses Performed By:
TestAmerica Laboratories
Shelton, Connecticut

Report: #14526R
Review Level: Tier III
Project: B0043013.0002.00018

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) #220-16030 for samples collected in association with the Con Edison East 11th Street site. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
					VOC	SVOC	PCB	MET	MISC
SB142B_2-3	220-16030-1	Soil	7/13/2011		X	X			
SB142B_3-4	220-16030-2	Soil	7/13/2011		X	X			
SB142B_22-22.5	220-16030-3	Soil	7/14/2011		X	X			
SB-143 3-4	220-16030-4	Soil	7/14/2011		X	X			
SB-143 32-33	220-16030-5	Soil	7/14/2011		X	X			
SB-143 39-40	220-16030-6	Soil	7/14/2011		X	X			
DUP071411	220-16030-7	Soil	7/14/2011	SB-143 32-33	X	X			
FB-1	220-16030-8	Water	7/14/2011		X	X			
FB-2	220-16030-9	Water	7/14/2011		X	X			
Trip Blank	220-16030-10	Water	7/14/2011		X				

Note:

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

QA - Quality Assurance

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260 and 8270 as referenced in the NYSDEC ASP. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	14 days from collection to analysis	Cooled @ 4°C ± 2°; preserved to a pH of less than 2 s.u.
	Soil	14 days from collection to analysis	Cooled @ 4°C ± 2°.

s.u. Standard units

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33	Acetone Methylene chloride	Detected sample results <RL and <BAL	"UB" at the RL
SB-143 39-40 DUP071411	Methylene chloride		

RL Reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33	ICV %RSD	Bromomethane	18.6%
		Chloroethane	22.2%
		Methylene chloride	33.8%
	CCV %D	Bromomethane	47.0%
SB-143 39-40 DUP071411	ICV %RSD	Bromomethane	40.3%
		Chloroethane	31.2%
		Methylene chloride	19.4%
		Acetone	19.4%
	CCV %D	Chloroethane	26.6%
		Bromoform	-21.7%
FB-1 FB-2 Trip Blank	ICV %RSD	Acetone	27.3%
		Methylene chloride	36.6%
	CCV %D	Bromomethane	-27.9%
		Acetone	32.7%
		Carbon tetrachloride	35.0%
		1,1,1-Trichloroethane	34.4%
		Methyl isobutyl ketone	-21.5%
		1,1,2,2-Tetrachloroethane	-28.3%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

[1] RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

Sample locations associated with LCS analysis exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Compound	LCS Recovery
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33	Bromomethane	>UL

The criteria used to evaluate the LCS recoveries are presented in the following table. In the case of an LCS deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

Note: Sample results were not qualified as rejected (R) due to the deviations listed above.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of three times the RL is applied for soil matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
SB-143 32-33/ DUP071411	Toluene	0.14 J	6 U	AC

AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Field blanks		X		X	
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X	X		
Laboratory Control Sample Duplicate(LCSD)					X
LCS/LCSD Precision (RPD)					X
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate(MSD)		X		X	
MS/MSD Precision (RPD)		X		X	
Field Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content		X		X	
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X	X		
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present				X	

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Relative standard deviation
%R Percent recovery
RPD Relative percent difference
%D Percent difference

SEMI-VOLATILE ORGANIC COMPOUND (SVOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8270	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4°C ± 2°
	Soil	14 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4°C ± 2°

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33 SB-143 39-40 DUP071411	Bis(2-Ethylhexyl)phthalate	Detected sample results <RL and <BAL	"UB" at the RL

RL Reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33 SB-143 39-40 DUP071411	CCV %D	Pyrene	-28.9%
		Chrysene	-20.7%
		Benzo(g,h,i)perylene	-27.9%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J

Initial/Continuing	Criteria	Sample Result	Qualification
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

[1] RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. SVOC analysis requires that two of the three SVOC surrogate compounds within each fraction exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the SVOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

Sample locations associated with LCS analysis exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Compound	LCS Recovery
FB-1 FB-2	Bis(2-ethylhexyl)pthtalate	>UL
	Di-n-octyl phthalate	>UL

The criteria used to evaluate the LCS recoveries are presented in the following table. In the case of an LCS deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

Note: Sample results were not qualified as rejected (R) due to the deviations listed above.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of three times the RL is applied for soil matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
SB-143 32-33/ DUP071411	All compounds	U	U	AC

AC Acceptable
U Not detected

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR SVOCs

SVOCs: SW-846 8270	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Field blanks					X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate(LCSD) %R					X
LCS/LCSD Precision (RPD)					X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate(MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content					X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present				X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Relative standard deviation
%R Percent recovery
RPD Relative percent difference
%D Percent difference

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB	MET	MISC	
220-16030	7/13/2011	SW846	SB142B_2-3	Soil	Yes	--	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/13/2011	SW846	SB142B_3-4	Soil	No	Yes	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB142B_22-22.5	Soil	No	Yes	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB-143 3-4	Soil	No	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB-143 32-33	Soil	No	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB-143 39-40	Soil	No	No	--	--	--	VOC: Blank, ICV RSD, CCV %D SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	DUP071411	Soil	No	No	--	--	--	VOC: Blank, ICV RSD, CCV %D SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	FB-1	Water	Yes	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	FB-2	Water	No	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	Trip Blank	Water	No	No	--	--	--	VOC: Blank, ICV RSD, CCV %D

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE: 

DATE: August 9, 2011

PEER REVIEW: Dennis Capria

DATE: August 12, 2011

CHAIN OF CUSTODY/
CORRECTED SAMPLE ANALYSIS DATA SHEETS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

160030

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) CRAIG MASSARO	Samplers Name (Printed) D. Greesik, A. Falzarano	Site/Project Identification F. 11th Street - HAVEN PLAZA
Company ARCADIS	P. O. # B43013.002	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: NYSDEC
Address 44 S. Broadway, 15th Floor	Analysis Turnaround Time: Standard ☒	
City White Plains State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 914-641-2821 Fax craig.massaro@arcadis-us.com		

	Sample Identification	Date	Time	Matrix	No. of Cont.	8260B	8270C									LAB USE ONLY Project No: / Job No: / Sample Numbers
1	SB142B_2-3	7/13/11	9:45	Soil	2	✓	✓									
2	SB142B_3-4	7/13/11	10:00	Soil	2	✓	✓									
3	SB142B_22-22.5	7/14/11	12:20	Soil	2	✓	✓									
4	SB-143 3-4	7-14-11	15:30	Soil	2	✓	✓									
5	SB-143 32-33	7-14-11	2230	Soil	2	✓	✓									
6	SB-143 39-40	7-14-11	2330	Soil	4 zoa	✓	✓									MS/MSD
7	Dup071411	7-14-11		Soil	2	✓	✓									
8	FB-1	7-14-11	800	H_2O	4	✓	✓									
9	FB-2	7-14-11	1300	H_2O	4	✓	✓									
10	Trip Blank	7-14-11		H_2O	3	✓										

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: / Water:
6 = Other _____, 7 = Other _____

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)	[signature]	ARCADIS	7/15/11 1142	1) [signature]	TALNY
2)	[signature]	TALNY	7/15/11 1650	2) [signature]	Test America
3)	[signature]	[illegible]	7/15/11	3) [signature] 7/16/11 1050	TACT
4)				4)	

f.3°C uncorrected
2.7°C
0.7°C
2.7°C
IR#4

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL-0016 (0408)

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1
Client Matrix: Solid

% Moisture: 11.2

Date Sampled: 07/13/2011 0945
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 07/19/2011 1840
Prep Date: 07/19/2011 1840

Analysis Batch: 220-53087
Prep Batch: N/A

Instrument ID: MSN
Lab File ID: N3873.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	J3	~~15~~	~~J B~~ UB	2.5	23
Benzene		5.6	U	0.64	5.6
Bromodichloromethane		5.6	U	0.34	5.6
Bromoform		5.6	U	0.69	5.6
Bromomethane		5.6	U* J	2.3	5.6
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		0.76	J	0.46	5.6
Carbon tetrachloride		5.6	U	1.1	5.6
Chlorobenzene		5.6	U	0.66	5.6
Chloroethane		5.6	U J	1.1	5.6
Chloroform		5.6	U	0.38	5.6
Chloromethane		5.6	U	0.88	5.6
Dibromochloromethane		5.6	U	0.39	5.6
1,1-Dichloroethane		5.6	U	0.34	5.6
1,2-Dichloroethane		5.6	U	0.65	5.6
1,1-Dichloroethene		0.85	J	0.65	5.6
1,2-Dichloropropane		5.6	U	0.75	5.6
cis-1,3-Dichloropropene		5.6	U	0.63	5.6
trans-1,3-Dichloropropene		5.6	U	0.30	5.6
Ethylbenzene		5.6	U	0.79	5.6
2-Hexanone		11	U	1.4	11
Methylene Chloride	J3	~~6.8~~	~~J B~~ UB J	1.2	23
methyl isobutyl ketone		5.6	U	0.62	5.6
Styrene		5.6	U	0.17	5.6
1,1,2,2-Tetrachloroethane		5.6	U	0.59	5.6
Tetrachloroethene		5.6	U	0.91	5.6
Toluene		0.42	J	0.083	5.6
1,1,1-Trichloroethane		2.2	J	0.60	5.6
1,1,2-Trichloroethane		5.6	U	0.42	5.6
Trichloroethene		5.6	U	0.91	5.6
Vinyl chloride		5.6	U	0.26	5.6
Xylenes, Total		2.2	J	0.55	5.6
cis-1,2-Dichloroethene		5.6	U	0.42	5.6
trans-1,2-Dichloroethene		5.6	U	0.44	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		59 - 132
4-Bromofluorobenzene	113		34 - 124
Dibromofluoromethane	82		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2
Client Matrix: Solid

% Moisture: 12.4

Date Sampled: 07/13/2011 1000
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 07/19/2011 1906
Prep Date: 07/19/2011 1906

Analysis Batch: 220-53087
Prep Batch: N/A

Instrument ID: MSN
Lab File ID: N3874.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	J3	~~9.0~~	~~J B~~ UB	2.6	23
Benzene		3.5	J	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U J	2.4	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroethane		5.7	U J	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.76	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		5.7	U	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride	J3	~~6.7~~	~~J B~~ UB J	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.59	5.7
Tetrachloroethene		5.7	U	0.92	5.7
Toluene		0.16	J	0.084	5.7
1,1,1-Trichloroethane		5.7	U	0.60	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.92	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.55	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	89		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3875.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1932			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1932				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	28	~~7.2~~	~~J B~~ UB	3.1	28
Benzene		7.0	U	0.80	7.0
Bromodichloromethane		7.0	U	0.42	7.0
Bromoform		7.0	U	0.86	7.0
Bromomethane		7.0	U J	2.9	7.0
Methyl Ethyl Ketone		14	U	2.2	14
Carbon disulfide		7.0	U	0.58	7.0
Carbon tetrachloride		7.0	U	1.3	7.0
Chlorobenzene		7.0	U	0.83	7.0
Chloroethane		7.0	U J	1.4	7.0
Chloroform		7.0	U	0.48	7.0
Chloromethane		7.0	U	1.1	7.0
Dibromochloromethane		7.0	U	0.49	7.0
1,1-Dichloroethane		7.0	U	0.42	7.0
1,2-Dichloroethane		7.0	U	0.82	7.0
1,1-Dichloroethene		7.0	U	0.82	7.0
1,2-Dichloropropane		7.0	U	0.94	7.0
cis-1,3-Dichloropropene		7.0	U	0.79	7.0
trans-1,3-Dichloropropene		7.0	U	0.38	7.0
Ethylbenzene		7.0	U	0.98	7.0
2-Hexanone		14	U	1.7	14
Methylene Chloride	28	~~11~~	~~J B~~ UB J	1.5	28
methyl isobutyl ketone		7.0	U	0.77	7.0
Styrene		7.0	U	0.21	7.0
1,1,2,2-Tetrachloroethane		7.0	U	0.73	7.0
Tetrachloroethene		7.0	U	1.1	7.0
Toluene		0.37	J	0.10	7.0
1,1,1-Trichloroethane		7.0	U	0.74	7.0
1,1,2-Trichloroethane		7.0	U	0.52	7.0
Trichloroethene		7.0	U	1.1	7.0
Vinyl chloride		7.0	U	0.32	7.0
Xylenes, Total		7.0	U	0.68	7.0
cis-1,2-Dichloroethene		7.0	U	0.52	7.0
trans-1,2-Dichloroethene		7.0	U	0.55	7.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	86		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 3-4**

Lab Sample ID: 220-16030-4
Client Matrix: Solid

% Moisture: 20.0

Date Sampled: 07/14/2011 1530
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3876.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1957			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1957				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5.9	J B	2.8	25
Benzene		6.3	U	0.71	6.3
Bromodichloromethane		6.3	U	0.38	6.3
Bromoform		6.3	U	0.76	6.3
Bromomethane		6.3	U	2.6	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Carbon disulfide		6.3	U	0.51	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Chlorobenzene		6.3	U	0.74	6.3
Chloroethane		6.3	U	1.2	6.3
Chloroform		6.3	U	0.43	6.3
Chloromethane		6.3	U	0.98	6.3
Dibromochloromethane		6.3	U	0.44	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
1,1-Dichloroethene		6.3	U	0.73	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
cis-1,3-Dichloropropene		6.3	U	0.70	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
Ethylbenzene		6.3	U	0.88	6.3
2-Hexanone		13	U	1.5	13
Methylene Chloride		8.3	J B	1.4	25
methyl isobutyl ketone		6.3	U	0.69	6.3
Styrene		6.3	U	0.19	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.65	6.3
Tetrachloroethene		6.3	U	1.0	6.3
Toluene		0.15	J	0.093	6.3
1,1,1-Trichloroethane		6.3	U	0.66	6.3
1,1,2-Trichloroethane		6.3	U	0.46	6.3
Trichloroethene		6.3	U	1.0	6.3
Vinyl chloride		6.3	U	0.29	6.3
Xylenes, Total		6.3	U	0.61	6.3
cis-1,2-Dichloroethene		6.3	U	0.46	6.3
trans-1,2-Dichloroethene		6.3	U	0.49	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	95		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5
Client Matrix: Solid

% Moisture: 16.4

Date Sampled: 07/14/2011 2230
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 07/19/2011 2023
Prep Date: 07/19/2011 2023

Analysis Batch: 220-53087
Prep Batch: N/A

Instrument ID: MSN
Lab File ID: N3877.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24	~~3.7~~	~~J B~~ UB	2.7	24
Benzene		6.0	U	0.68	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U J	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U J	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.93	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.69	6.0
1,1-Dichloroethene		6.0	U	0.69	6.0
1,2-Dichloropropane		6.0	U	0.80	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride	24	~~9.1~~	~~J B~~ UB J	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.62	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		0.14	J	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.63	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		59 - 132
4-Bromofluorobenzene	101		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	91		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4954.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1306			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1306				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.5	J	2.8	25
Benzene		6.2	U	0.70	6.2
Bromodichloromethane		6.2	U	0.37	6.2
Bromoform		6.2	U J	0.75	6.2
Bromomethane		6.2	U J	2.6	6.2
Methyl Ethyl Ketone		12	U	2.0	12
Carbon disulfide		6.2	U	0.50	6.2
Carbon tetrachloride		6.2	U	1.2	6.2
Chlorobenzene		6.2	U	0.73	6.2
Chloroethane		6.2	U J	1.2	6.2
Chloroform		6.2	U	0.42	6.2
Chloromethane		6.2	U	0.96	6.2
Dibromochloromethane		6.2	U	0.43	6.2
1,1-Dichloroethane		6.2	U	0.37	6.2
1,2-Dichloroethane		6.2	U	0.71	6.2
1,1-Dichloroethene		6.2	U	0.71	6.2
1,2-Dichloropropane		6.2	U	0.82	6.2
cis-1,3-Dichloropropene		6.2	U	0.69	6.2
trans-1,3-Dichloropropene		6.2	U	0.33	6.2
Ethylbenzene		6.2	U	0.86	6.2
2-Hexanone		12	U	1.5	12
Methylene Chloride	25	~~6.3~~	~~J B~~ UB J	1.3	25
methyl isobutyl ketone		6.2	U	0.68	6.2
Styrene		6.2	U	0.18	6.2
1,1,2,2-Tetrachloroethane		6.2	U	0.64	6.2
Tetrachloroethene		6.2	U	1.0	6.2
Toluene		6.2	U	0.091	6.2
1,1,1-Trichloroethane		6.2	U	0.65	6.2
1,1,2-Trichloroethane		6.2	U	0.46	6.2
Trichloroethene		6.2	U	1.0	6.2
Vinyl chloride		6.2	U	0.28	6.2
Xylenes, Total		6.2	U	0.60	6.2
cis-1,2-Dichloroethene		6.2	U	0.46	6.2
trans-1,2-Dichloroethene		6.2	U	0.48	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	82		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4956.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1357			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1357				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.6	J	2.7	24
Benzene		6.0	U	0.69	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U J	0.73	6.0
Bromomethane		6.0	U J	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U J	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.94	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,2-Dichloropropane		6.0	U	0.81	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride	24	~~7.4~~	~~J B~~ UB J	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.63	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		6.0	U	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	79		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **FB-1**

Lab Sample ID: 220-16030-8FB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2422.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2021			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U J	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U J	0.78	5.0
methyl isobutyl ketone	10	U J	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 136
4-Bromofluorobenzene	77		51 - 142
Dibromofluoromethane	101		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB
Client Matrix: Water

Date Sampled: 07/14/2011 1300
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2423.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2049			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U J	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U J	0.78	5.0
methyl isobutyl ketone	10	U J	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		65 - 136
4-Bromofluorobenzene	78		51 - 142
Dibromofluoromethane	102		68 - 132
Toluene-d8 (Surr)	78		63 - 127

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 220-16030-10TB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2424.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2117			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	5.0	U	1.1	5.0
Vinyl chloride	5.0	U	0.99	5.0
Bromomethane	5.0	U	2.1	5.0
Chloroethane	5.0	U	1.1	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
Carbon disulfide	5.0	U	0.90	5.0
Methylene Chloride	5.0	U	0.78	5.0
Acetone	10	U	1.0	10
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
Chloroform	5.0	U	0.67	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Benzene	5.0	U	0.74	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
Trichloroethene	5.0	U	0.62	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
Bromodichloromethane	5.0	U	0.48	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Toluene	5.0	U	0.72	5.0
methyl isobutyl ketone	10	U	0.38	10
Tetrachloroethene	5.0	U	0.81	5.0
Dibromochloromethane	5.0	U	0.55	5.0
2-Hexanone	10	U	1.1	10
Chlorobenzene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.64	5.0
Bromoform	5.0	U	0.46	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	101		68 - 132
1,2-Dichloroethane-d4 (Surr)	107		65 - 136
Toluene-d8 (Surr)	78		63 - 127
4-Bromofluorobenzene	78		51 - 142

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1
Client Matrix: Solid

% Moisture: 11.2

Date Sampled: 07/13/2011 0945
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		290	U	19	290
Bis(2-chloroethyl)ether		290	U	15	290
2-Chlorophenol		290	U	17	290
1,3-Dichlorobenzene		290	U	15	290
1,4-Dichlorobenzene		290	U	17	290
Benzyl alcohol		290	U	28	290
1,2-Dichlorobenzene		290	U	17	290
2,2'-oxybis[1-chloropropane]		290	U	15	290
2-Methylphenol		290	U	18	290
Hexachloroethane		290	U	17	290
N-Nitrosodi-n-propylamine		290	U	20	290
4-Methylphenol		290	U	19	290
Nitrobenzene		290	U	19	290
Isophorone		290	U	16	290
2-Nitrophenol		290	U	18	290
2,4-Dimethylphenol		290	U	14	290
Bis(2-chloroethoxy)methane		290	U	14	290
2,4-Dichlorophenol		290	U	16	290
1,2,4-Trichlorobenzene		290	U	19	290
Naphthalene		1400		15	290
4-Chloroaniline		290	U	48	290
Hexachlorobutadiene		290	U	23	290
4-Chloro-3-methylphenol		290	U	12	290
2-Methylnaphthalene		430		8.4	290
Hexachlorocyclopentadiene		730	U	140	730
2,4,6-Trichlorophenol		290	U	8.0	290
2,4,5-Trichlorophenol		1800	U	15	1800
2-Chloronaphthalene		290	U	12	290
2-Nitroaniline		730	U	18	730
Acenaphthylene		52	J	14	290
Dimethyl phthalate		290	U	17	290
2,6-Dinitrotoluene		290	U	8.6	290
Acenaphthene		410		17	290
3-Nitroaniline		730	U	9.3	730
2,4-Dinitrophenol		1800	U	88	1800
Dibenzofuran		330		21	290
2,4-Dinitrotoluene		290	U	23	290
4-Nitrophenol		1800	U	22	1800
Fluorene		620		18	290
4-Chlorophenyl phenyl ether		290	U	22	290
Diethyl phthalate		290	U	30	290
4-Nitroaniline		290	U	22	290
4,6-Dinitro-2-methylphenol		1800	U	130	1800
N-Nitrosodiphenylamine		220	J	17	290
4-Bromophenyl phenyl ether		290	U	19	290
Hexachlorobenzene		290	U	20	290

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1
Client Matrix: Solid

% Moisture: 11.2

Date Sampled: 07/13/2011 0945
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		730	U	180	730
Phenanthrene		2600		14	290
Carbazole		360		16	290
Anthracene		920		11	290
Di-n-butyl phthalate		290	U	43	290
Fluoranthene		2300		15	290
Pyrene		2700	J	14	290
Butyl benzyl phthalate		290	U	16	290
3,3'-Dichlorobenzidine		360	U	60	360
Benzo[a]anthracene		1700		10	290
Chrysene		1700	J	22	290
Bis(2-ethylhexyl) phthalate		160	J B UB	28	290
Di-n-octyl phthalate		290	U	17	290
Benzo[b]fluoranthene		1600		7.8	290
Benzo[k]fluoranthene		560		26	290
Benzo[a]pyrene		1400		7.9	290
Indeno[1,2,3-cd]pyrene		990		19	290
Dibenz(a,h)anthracene		300		23	290
Benzo[g,h,i]perylene		970	J	19	290

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	65		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	80		37 - 120
Terphenyl-d14	78		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2
Client Matrix: Solid

% Moisture: 12.4

Date Sampled: 07/13/2011 1000
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	20	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	18	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	19	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	16	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		760	U	140	760
2,4,6-Trichlorophenol		310	U	8.4	310
2,4,5-Trichlorophenol		1900	U	16	1900
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		760	U	19	760
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.0	310
Acenaphthene		310	U	18	310
3-Nitroaniline		760	U	9.8	760
2,4-Dinitrophenol		1900	U	92	1900
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		1900	U	23	1900
Fluorene		310	U	18	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		1900	U	130	1900
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2
Client Matrix: Solid

% Moisture: 12.4

Date Sampled: 07/13/2011 1000
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		760	U	190	760
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		24	J	14	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	63	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U J	23	310
Bis(2-ethylhexyl) phthalate		310 ~~300~~	~~J B~~ UB	30	310
Di-n-octyl phthalate		310	U	17	310
Benzo[b]fluoranthene		310	U	8.2	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.3	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U J	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	68		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	77		37 - 120
Terphenyl-d14	64		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3
Client Matrix: Solid

% Moisture: 28.8

Date Sampled: 07/14/2011 1220
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	25	370
Bis(2-chloroethyl)ether		370	U	19	370
2-Chlorophenol		370	U	21	370
1,3-Dichlorobenzene		370	U	18	370
1,4-Dichlorobenzene		370	U	22	370
Benzyl alcohol		370	U	35	370
1,2-Dichlorobenzene		370	U	22	370
2,2'-oxybis[1-chloropropane]		370	U	19	370
2-Methylphenol		370	U	22	370
Hexachloroethane		370	U	21	370
N-Nitrosodi-n-propylamine		370	U	25	370
4-Methylphenol		370	U	24	370
Nitrobenzene		370	U	24	370
Isophorone		370	U	20	370
2-Nitrophenol		370	U	23	370
2,4-Dimethylphenol		370	U	18	370
Bis(2-chloroethoxy)methane		370	U	17	370
2,4-Dichlorophenol		370	U	20	370
1,2,4-Trichlorobenzene		370	U	24	370
Naphthalene		370	U	19	370
4-Chloroaniline		370	U	60	370
Hexachlorobutadiene		370	U	28	370
4-Chloro-3-methylphenol		370	U	15	370
2-Methylnaphthalene		370	U	11	370
Hexachlorocyclopentadiene		920	U	170	920
2,4,6-Trichlorophenol		370	U	10	370
2,4,5-Trichlorophenol		2300	U	19	2300
2-Chloronaphthalene		370	U	16	370
2-Nitroaniline		920	U	22	920
Acenaphthylene		370	U	18	370
Dimethyl phthalate		370	U	21	370
2,6-Dinitrotoluene		370	U	11	370
Acenaphthene		370	U	22	370
3-Nitroaniline		920	U	12	920
2,4-Dinitrophenol		2300	U	110	2300
Dibenzofuran		370	U	26	370
2,4-Dinitrotoluene		370	U	29	370
4-Nitrophenol		2300	U	28	2300
Fluorene		370	U	22	370
4-Chlorophenyl phenyl ether		370	U	27	370
Diethyl phthalate		370	U	37	370
4-Nitroaniline		370	U	28	370
4,6-Dinitro-2-methylphenol		2300	U	160	2300
N-Nitrosodiphenylamine		370	U	21	370
4-Bromophenyl phenyl ether		370	U	24	370
Hexachlorobenzene		370	U	26	370

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_22-22.5**

Lab Sample ID: 220-16030-3
Client Matrix: Solid
% Moisture: 28.8

Date Sampled: 07/14/2011 1220
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		920	U	220	920
Phenanthrene		370	U	18	370
Carbazole		370	U	21	370
Anthracene		370	U	14	370
Di-n-butyl phthalate		370	U	54	370
Fluoranthene		370	U	18	370
Pyrene		370	U J	17	370
Butyl benzyl phthalate		370	U	21	370
3,3'-Dichlorobenzidine		450	U	76	450
Benzo[a]anthracene		370	U	13	370
Chrysene		370	U J	27	370
Bis(2-ethylhexyl) phthalate		370 ~~270~~	~~J B~~ UB	36	370
Di-n-octyl phthalate		370	U	21	370
Benzo[b]fluoranthene		370	U	9.9	370
Benzo[k]fluoranthene		370	U	33	370
Benzo[a]pyrene		370	U	10	370
Indeno[1,2,3-cd]pyrene		370	U	24	370
Dibenz(a,h)anthracene		370	U	29	370
Benzo[g,h,i]perylene		370	U J	24	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	62		34 - 120
Phenol-d5	63		36 - 120
Nitrobenzene-d5	62		38 - 120
2-Fluorobiphenyl	59		41 - 120
2,4,6-Tribromophenol	70		37 - 120
Terphenyl-d14	58		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4
Client Matrix: Solid
% Moisture: 20.0

Date Sampled: 07/14/2011 1530
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		320	U	22	320
Bis(2-chloroethyl)ether		320	U	17	320
2-Chlorophenol		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
Benzyl alcohol		320	U	31	320
1,2-Dichlorobenzene		320	U	19	320
2,2'-oxybis[1-chloropropane]		320	U	17	320
2-Methylphenol		320	U	19	320
Hexachloroethane		320	U	19	320
N-Nitrosodi-n-propylamine		320	U	22	320
4-Methylphenol		320	U	21	320
Nitrobenzene		320	U	21	320
Isophorone		320	U	18	320
2-Nitrophenol		320	U	20	320
2,4-Dimethylphenol		320	U	16	320
Bis(2-chloroethoxy)methane		320	U	15	320
2,4-Dichlorophenol		320	U	17	320
1,2,4-Trichlorobenzene		320	U	21	320
Naphthalene		320	U	17	320
4-Chloroaniline		320	U	53	320
Hexachlorobutadiene		320	U	25	320
4-Chloro-3-methylphenol		320	U	13	320
2-Methylnaphthalene		320	U	9.3	320
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		320	U	8.9	320
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		320	U	14	320
2-Nitroaniline		810	U	20	810
Acenaphthylene		320	U	16	320
Dimethyl phthalate		320	U	19	320
2,6-Dinitrotoluene		320	U	9.5	320
Acenaphthene		320	U	19	320
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2000	U	97	2000
Dibenzofuran		320	U	23	320
2,4-Dinitrotoluene		320	U	26	320
4-Nitrophenol		2000	U	25	2000
Fluorene		320	U	19	320
4-Chlorophenyl phenyl ether		320	U	24	320
Diethyl phthalate		320	U	33	320
4-Nitroaniline		320	U	25	320
4,6-Dinitro-2-methylphenol		2000	U	140	2000
N-Nitrosodiphenylamine		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
Hexachlorobenzene		320	U	22	320

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 3-4**

Lab Sample ID: 220-16030-4
Client Matrix: Solid
% Moisture: 20.0

Date Sampled: 07/14/2011 1530
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		320	U	16	320
Carbazole		320	U	18	320
Anthracene		320	U	13	320
Di-n-butyl phthalate		320	U	47	320
Fluoranthene		320	U	16	320
Pyrene		320	U J	15	320
Butyl benzyl phthalate		320	U	18	320
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		320	U	12	320
Chrysene		320	U J	24	320
Bis(2-ethylhexyl) phthalate		320 ~~59~~	~~J B~~ UB	31	320
Di-n-octyl phthalate		320	U	18	320
Benzo[b]fluoranthene		320	U	8.7	320
Benzo[k]fluoranthene		320	U	29	320
Benzo[a]pyrene		320	U	8.8	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Dibenz(a,h)anthracene		320	U	25	320
Benzo[g,h,i]perylene		320	U J	21	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	70		34 - 120
Phenol-d5	71		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	76		37 - 120
Terphenyl-d14	67		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5
Client Matrix: Solid

% Moisture: 16.4

Date Sampled: 07/14/2011 2230
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	16	310
1,4-Dichlorobenzene		310	U	19	310
Benzyl alcohol		310	U	30	310
1,2-Dichlorobenzene		310	U	19	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	21	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	15	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	21	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	51	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.9	310
Hexachlorocyclopentadiene		780	U	150	780
2,4,6-Trichlorophenol		310	U	8.6	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		780	U	19	780
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.2	310
Acenaphthene		310	U	19	310
3-Nitroaniline		780	U	10	780
2,4-Dinitrophenol		2000	U	94	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	24	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	32	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	18	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	22	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 32-33

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		780	U	190	780
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	46	310
Fluoranthene		310	U	16	310
Pyrene		310	U J	15	310
Butyl benzyl phthalate		310	U	18	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U J	23	310
Bis(2-ethylhexyl) phthalate		310 ~~59~~	~~J B~~ UB	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.4	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.5	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	25	310
Benzo[g,h,i]perylene		310	U J	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	68		34 - 120
Phenol-d5	69		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	71		37 - 120
Terphenyl-d14	63		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6
Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 07/14/2011 2330
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		330	U	22	330
Bis(2-chloroethyl)ether		330	U	17	330
2-Chlorophenol		330	U	19	330
1,3-Dichlorobenzene		330	U	16	330
1,4-Dichlorobenzene		330	U	19	330
Benzyl alcohol		330	U	31	330
1,2-Dichlorobenzene		330	U	19	330
2,2'-oxybis[1-chloropropane]		330	U	17	330
2-Methylphenol		330	U	20	330
Hexachloroethane		330	U	19	330
N-Nitrosodi-n-propylamine		330	U	22	330
4-Methylphenol		330	U	21	330
Nitrobenzene		330	U	21	330
Isophorone		330	U	18	330
2-Nitrophenol		330	U	21	330
2,4-Dimethylphenol		330	U	16	330
Bis(2-chloroethoxy)methane		330	U	15	330
2,4-Dichlorophenol		330	U	17	330
1,2,4-Trichlorobenzene		330	U	21	330
Naphthalene		330	U	17	330
4-Chloroaniline		330	U	53	330
Hexachlorobutadiene		330	U	25	330
4-Chloro-3-methylphenol		330	U	13	330
2-Methylnaphthalene		330	U	9.3	330
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		330	U	9.0	330
2,4,5-Trichlorophenol		2100	U	16	2100
2-Chloronaphthalene		330	U	14	330
2-Nitroaniline		810	U	20	810
Acenaphthylene		330	U	16	330
Dimethyl phthalate		330	U	19	330
2,6-Dinitrotoluene		330	U	9.6	330
Acenaphthene		330	U	19	330
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2100	U	98	2100
Dibenzofuran		330	U	23	330
2,4-Dinitrotoluene		330	U	26	330
4-Nitrophenol		2100	U	25	2100
Fluorene		330	U	20	330
4-Chlorophenyl phenyl ether		330	U	24	330
Diethyl phthalate		330	U	33	330
4-Nitroaniline		330	U	25	330
4,6-Dinitro-2-methylphenol		2100	U	140	2100
N-Nitrosodiphenylamine		330	U	18	330
4-Bromophenyl phenyl ether		330	U	21	330
Hexachlorobenzene		330	U	23	330

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6
Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 07/14/2011 2330
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		330	U	16	330
Carbazole		330	U	18	330
Anthracene		330	U	13	330
Di-n-butyl phthalate		330	U	48	330
Fluoranthene		330	U	16	330
Pyrene		330	U J	15	330
Butyl benzyl phthalate		330	U	18	330
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		330	U	12	330
Chrysene		330	U J	24	330
Bis(2-ethylhexyl) phthalate		330 ~~38~~	~~J B~~ UB	32	330
Di-n-octyl phthalate		330	U	19	330
Benzo[b]fluoranthene		330	U	8.7	330
Benzo[k]fluoranthene		330	U	29	330
Benzo[a]pyrene		330	U	8.9	330
Indeno[1,2,3-cd]pyrene		330	U	21	330
Dibenz(a,h)anthracene		330	U	26	330
Benzo[g,h,i]perylene		330	U J	21	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	66		34 - 120
Phenol-d5	67		36 - 120
Nitrobenzene-d5	65		38 - 120
2-Fluorobiphenyl	61		41 - 120
2,4,6-Tribromophenol	68		37 - 120
Terphenyl-d14	62		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		770	U	150	770
2,4,6-Trichlorophenol		310	U	8.5	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		770	U	19	770
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.1	310
Acenaphthene		310	U	18	310
3-Nitroaniline		770	U	9.9	770
2,4-Dinitrophenol		2000	U	93	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	23	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **DUP071411**

Lab Sample ID: 220-16030-7
Client Matrix: Solid

% Moisture: 16.9

Date Sampled: 07/14/2011 0000
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		770	U	190	770
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		310	U J	15	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U J	23	310
Bis(2-ethylhexyl) phthalate	310 ~~51~~	~~51~~	~~J B~~ UB	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.3	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.4	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U J	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	66		36 - 120
Nitrobenzene-d5	66		38 - 120
2-Fluorobiphenyl	60		41 - 120
2,4,6-Tribromophenol	64		37 - 120
Terphenyl-d14	59		32 - 125

Client Sample ID: **FB-1**

Lab Sample ID: 220-16030-8FB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **FB-1**

Lab Sample ID: 220-16030-8FB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	30		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	70		40 - 120
2-Fluorobiphenyl	72		39 - 120
2,4,6-Tribromophenol	85		36 - 120
Terphenyl-d14	88		10 - 120

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB
Client Matrix: Water

Date Sampled: 07/14/2011 1300
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U*	0.54	4.0
Di-n-octyl phthalate	4.0	U*	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	29		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	67		40 - 120
2-Fluorobiphenyl	71		39 - 120
2,4,6-Tribromophenol	90		36 - 120
Terphenyl-d14	95		10 - 120

Appendix D

Analytical Report (on CD)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-16030-1

Job Description: Con Ed Haven Plaza E. 11th Street

For:
ARCADIS U.S., Inc.
44 South Broadway
15 Floor
White Plains, NY 10601

Attention: Mr. Craig Massaro

Approved for release.
Joan Widomski
Project Manager I
7/29/2011 5:19 PM

Designee for
Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
07/29/2011

cc: Bruce Ahrens

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Number: 220-16030-1

Job Description: Con Ed Haven Plaza E. 11th Street

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.
Joan Widomski
Project Manager I
7/29/2011 5:19 PM

Designee for
Jackie Trudell

Table of Contents

Table of Contents

Job Narrative
220-16030-1

Comments
No additional comments.

Receipt
The following volatile sample was received with headspace in 2 of 3 sample vials Trip Blank (220-16030-10). These were not used for analysis.Container IDs are 220-16030-B-10 and 220-16030-C-10.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): DUP071411 (220-16030-7). The container labels list DUP-071411. The COC lists DUP071411. Client advised the lab to use the ID on the COC.

The following field QC sample was received at the laboratory without a sample collection time documented on the chain of custody: DUP071411 (220-16030-7). As a result, a sample collection time of 12:00am, on the date of collection, has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-16030-1	SB142B_2-3	Solid	07/13/2011 0945	07/16/2011 1050
220-16030-2	SB142B_3-4	Solid	07/13/2011 1000	07/16/2011 1050
220-16030-3	SB142B_22-22.5	Solid	07/14/2011 1220	07/16/2011 1050
220-16030-4	SB-143 3-4	Solid	07/14/2011 1530	07/16/2011 1050
220-16030-5	SB-143 32-33	Solid	07/14/2011 2230	07/16/2011 1050
220-16030-6	SB-143 39-40	Solid	07/14/2011 2330	07/16/2011 1050
220-16030-6MS	SB-143 39-40	Solid	07/14/2011 2330	07/16/2011 1050
220-16030-6MSD	SB-143 39-40	Solid	07/14/2011 2330	07/16/2011 1050
220-16030-7	DUP071411	Solid	07/14/2011 0000	07/16/2011 1050
220-16030-8FB	FB-1	Water	07/14/2011 0800	07/16/2011 1050
220-16030-9FB	FB-2	Water	07/14/2011 1300	07/16/2011 1050
220-16030-10TB	Trip Blank	Water	07/14/2011 0800	07/16/2011 1050

METHOD SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Percent Moisture	TAL CT	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
EPA Moisture	Bouthot, Agnieszka	AB

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_2-3

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid % Moisture: 11.2 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3873.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1840			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		15	J B	2.5	23
Benzene		5.6	U	0.64	5.6
Bromodichloromethane		5.6	U	0.34	5.6
Bromoform		5.6	U	0.69	5.6
Bromomethane		5.6	U *	2.3	5.6
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		0.76	J	0.46	5.6
Carbon tetrachloride		5.6	U	1.1	5.6
Chlorobenzene		5.6	U	0.66	5.6
Chloroethane		5.6	U	1.1	5.6
Chloroform		5.6	U	0.38	5.6
Chloromethane		5.6	U	0.88	5.6
Dibromochloromethane		5.6	U	0.39	5.6
1,1-Dichloroethane		5.6	U	0.34	5.6
1,2-Dichloroethane		5.6	U	0.65	5.6
1,1-Dichloroethene		0.85	J	0.65	5.6
1,2-Dichloropropane		5.6	U	0.75	5.6
cis-1,3-Dichloropropene		5.6	U	0.63	5.6
trans-1,3-Dichloropropene		5.6	U	0.30	5.6
Ethylbenzene		5.6	U	0.79	5.6
2-Hexanone		11	U	1.4	11
Methylene Chloride		6.8	J B	1.2	23
methyl isobutyl ketone		5.6	U	0.62	5.6
Styrene		5.6	U	0.17	5.6
1,1,2,2-Tetrachloroethane		5.6	U	0.59	5.6
Tetrachloroethene		5.6	U	0.91	5.6
Toluene		0.42	J	0.083	5.6
1,1,1-Trichloroethane		2.2	J	0.60	5.6
1,1,2-Trichloroethane		5.6	U	0.42	5.6
Trichloroethene		5.6	U	0.91	5.6
Vinyl chloride		5.6	U	0.26	5.6
Xylenes, Total		2.2	J	0.55	5.6
cis-1,2-Dichloroethene		5.6	U	0.42	5.6
trans-1,2-Dichloroethene		5.6	U	0.44	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		59 - 132
4-Bromofluorobenzene	113		34 - 124
Dibromofluoromethane	82		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_3-4

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3874.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1906			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1906				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		9.0	J B	2.6	23
Benzene		3.5	J	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U *	2.4	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroethane		5.7	U	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.76	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		5.7	U	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride		6.7	J B	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.59	5.7
Tetrachloroethene		5.7	U	0.92	5.7
Toluene		0.16	J	0.084	5.7
1,1,1-Trichloroethane		5.7	U	0.60	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.92	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.55	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	89		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3875.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1932			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1932				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		7.2	J B	3.1	28
Benzene		7.0	U	0.80	7.0
Bromodichloromethane		7.0	U	0.42	7.0
Bromoform		7.0	U	0.86	7.0
Bromomethane		7.0	U *	2.9	7.0
Methyl Ethyl Ketone		14	U	2.2	14
Carbon disulfide		7.0	U	0.58	7.0
Carbon tetrachloride		7.0	U	1.3	7.0
Chlorobenzene		7.0	U	0.83	7.0
Chloroethane		7.0	U	1.4	7.0
Chloroform		7.0	U	0.48	7.0
Chloromethane		7.0	U	1.1	7.0
Dibromochloromethane		7.0	U	0.49	7.0
1,1-Dichloroethane		7.0	U	0.42	7.0
1,2-Dichloroethane		7.0	U	0.82	7.0
1,1-Dichloroethene		7.0	U	0.82	7.0
1,2-Dichloropropane		7.0	U	0.94	7.0
cis-1,3-Dichloropropene		7.0	U	0.79	7.0
trans-1,3-Dichloropropene		7.0	U	0.38	7.0
Ethylbenzene		7.0	U	0.98	7.0
2-Hexanone		14	U	1.7	14
Methylene Chloride		11	J B	1.5	28
methyl isobutyl ketone		7.0	U	0.77	7.0
Styrene		7.0	U	0.21	7.0
1,1,2,2-Tetrachloroethane		7.0	U	0.73	7.0
Tetrachloroethene		7.0	U	1.1	7.0
Toluene		0.37	J	0.10	7.0
1,1,1-Trichloroethane		7.0	U	0.74	7.0
1,1,2-Trichloroethane		7.0	U	0.52	7.0
Trichloroethene		7.0	U	1.1	7.0
Vinyl chloride		7.0	U	0.32	7.0
Xylenes, Total		7.0	U	0.68	7.0
cis-1,2-Dichloroethene		7.0	U	0.52	7.0
trans-1,2-Dichloroethene		7.0	U	0.55	7.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	86		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid % Moisture: 20.0 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3876.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1957			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1957				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5.9	J B	2.8	25
Benzene		6.3	U	0.71	6.3
Bromodichloromethane		6.3	U	0.38	6.3
Bromoform		6.3	U	0.76	6.3
Bromomethane		6.3	U *	2.6	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Carbon disulfide		6.3	U	0.51	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Chlorobenzene		6.3	U	0.74	6.3
Chloroethane		6.3	U	1.2	6.3
Chloroform		6.3	U	0.43	6.3
Chloromethane		6.3	U	0.98	6.3
Dibromochloromethane		6.3	U	0.44	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
1,1-Dichloroethene		6.3	U	0.73	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
cis-1,3-Dichloropropene		6.3	U	0.70	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
Ethylbenzene		6.3	U	0.88	6.3
2-Hexanone		13	U	1.5	13
Methylene Chloride		8.3	J B	1.4	25
methyl isobutyl ketone		6.3	U	0.69	6.3
Styrene		6.3	U	0.19	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.65	6.3
Tetrachloroethene		6.3	U	1.0	6.3
Toluene		0.15	J	0.093	6.3
1,1,1-Trichloroethane		6.3	U	0.66	6.3
1,1,2-Trichloroethane		6.3	U	0.46	6.3
Trichloroethene		6.3	U	1.0	6.3
Vinyl chloride		6.3	U	0.29	6.3
Xylenes, Total		6.3	U	0.61	6.3
cis-1,2-Dichloroethene		6.3	U	0.46	6.3
trans-1,2-Dichloroethene		6.3	U	0.49	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	95		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 32-33

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3877.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 2023			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 2023				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		3.7	J B	2.7	24
Benzene		6.0	U	0.68	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U *	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.93	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.69	6.0
1,1-Dichloroethene		6.0	U	0.69	6.0
1,2-Dichloropropane		6.0	U	0.80	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride		9.1	J B	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.62	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		0.14	J	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.63	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		59 - 132
4-Bromofluorobenzene	101		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	91		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4954.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1306			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1306				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.5	J	2.8	25
Benzene		6.2	U	0.70	6.2
Bromodichloromethane		6.2	U	0.37	6.2
Bromoform		6.2	U	0.75	6.2
Bromomethane		6.2	U	2.6	6.2
Methyl Ethyl Ketone		12	U	2.0	12
Carbon disulfide		6.2	U	0.50	6.2
Carbon tetrachloride		6.2	U	1.2	6.2
Chlorobenzene		6.2	U	0.73	6.2
Chloroethane		6.2	U	1.2	6.2
Chloroform		6.2	U	0.42	6.2
Chloromethane		6.2	U	0.96	6.2
Dibromochloromethane		6.2	U	0.43	6.2
1,1-Dichloroethane		6.2	U	0.37	6.2
1,2-Dichloroethane		6.2	U	0.71	6.2
1,1-Dichloroethene		6.2	U	0.71	6.2
1,2-Dichloropropane		6.2	U	0.82	6.2
cis-1,3-Dichloropropene		6.2	U	0.69	6.2
trans-1,3-Dichloropropene		6.2	U	0.33	6.2
Ethylbenzene		6.2	U	0.86	6.2
2-Hexanone		12	U	1.5	12
Methylene Chloride		6.3	J B	1.3	25
methyl isobutyl ketone		6.2	U	0.68	6.2
Styrene		6.2	U	0.18	6.2
1,1,2,2-Tetrachloroethane		6.2	U	0.64	6.2
Tetrachloroethene		6.2	U	1.0	6.2
Toluene		6.2	U	0.091	6.2
1,1,1-Trichloroethane		6.2	U	0.65	6.2
1,1,2-Trichloroethane		6.2	U	0.46	6.2
Trichloroethene		6.2	U	1.0	6.2
Vinyl chloride		6.2	U	0.28	6.2
Xylenes, Total		6.2	U	0.60	6.2
cis-1,2-Dichloroethene		6.2	U	0.46	6.2
trans-1,2-Dichloroethene		6.2	U	0.48	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	82		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4956.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1357			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1357				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.6	J	2.7	24
Benzene		6.0	U	0.69	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.94	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,2-Dichloropropane		6.0	U	0.81	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride		7.4	J B	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.63	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		6.0	U	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	79		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-1

Lab Sample ID: 220-16030-8FB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2422.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2021			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 136
4-Bromofluorobenzene	77		51 - 142
Dibromofluoromethane	101		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2423.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2049			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		65 - 136
4-Bromofluorobenzene	78		51 - 142
Dibromofluoromethane	102		68 - 132
Toluene-d8 (Surr)	78		63 - 127

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: Trip Blank

Lab Sample ID: 220-16030-10TB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2424.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2117			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	5.0	U	1.1	5.0
Vinyl chloride	5.0	U	0.99	5.0
Bromomethane	5.0	U	2.1	5.0
Chloroethane	5.0	U	1.1	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
Carbon disulfide	5.0	U	0.90	5.0
Methylene Chloride	5.0	U	0.78	5.0
Acetone	10	U	1.0	10
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
Chloroform	5.0	U	0.67	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Benzene	5.0	U	0.74	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
Trichloroethene	5.0	U	0.62	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
Bromodichloromethane	5.0	U	0.48	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Toluene	5.0	U	0.72	5.0
methyl isobutyl ketone	10	U	0.38	10
Tetrachloroethene	5.0	U	0.81	5.0
Dibromochloromethane	5.0	U	0.55	5.0
2-Hexanone	10	U	1.1	10
Chlorobenzene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.64	5.0
Bromoform	5.0	U	0.46	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	101		68 - 132
1,2-Dichloroethane-d4 (Surr)	107		65 - 136
Toluene-d8 (Surr)	78		63 - 127
4-Bromofluorobenzene	78		51 - 142

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_2-3

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid % Moisture: 11.2 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		290	U	19	290
Bis(2-chloroethyl)ether		290	U	15	290
2-Chlorophenol		290	U	17	290
1,3-Dichlorobenzene		290	U	15	290
1,4-Dichlorobenzene		290	U	17	290
Benzyl alcohol		290	U	28	290
1,2-Dichlorobenzene		290	U	17	290
2,2'-oxybis[1-chloropropane]		290	U	15	290
2-Methylphenol		290	U	18	290
Hexachloroethane		290	U	17	290
N-Nitrosodi-n-propylamine		290	U	20	290
4-Methylphenol		290	U	19	290
Nitrobenzene		290	U	19	290
Isophorone		290	U	16	290
2-Nitrophenol		290	U	18	290
2,4-Dimethylphenol		290	U	14	290
Bis(2-chloroethoxy)methane		290	U	14	290
2,4-Dichlorophenol		290	U	16	290
1,2,4-Trichlorobenzene		290	U	19	290
Naphthalene		1400		15	290
4-Chloroaniline		290	U	48	290
Hexachlorobutadiene		290	U	23	290
4-Chloro-3-methylphenol		290	U	12	290
2-Methylnaphthalene		430		8.4	290
Hexachlorocyclopentadiene		730	U	140	730
2,4,6-Trichlorophenol		290	U	8.0	290
2,4,5-Trichlorophenol		1800	U	15	1800
2-Chloronaphthalene		290	U	12	290
2-Nitroaniline		730	U	18	730
Acenaphthylene		52	J	14	290
Dimethyl phthalate		290	U	17	290
2,6-Dinitrotoluene		290	U	8.6	290
Acenaphthene		410		17	290
3-Nitroaniline		730	U	9.3	730
2,4-Dinitrophenol		1800	U	88	1800
Dibenzofuran		330		21	290
2,4-Dinitrotoluene		290	U	23	290
4-Nitrophenol		1800	U	22	1800
Fluorene		620		18	290
4-Chlorophenyl phenyl ether		290	U	22	290
Diethyl phthalate		290	U	30	290
4-Nitroaniline		290	U	22	290
4,6-Dinitro-2-methylphenol		1800	U	130	1800
N-Nitrosodiphenylamine		220	J	17	290
4-Bromophenyl phenyl ether		290	U	19	290
Hexachlorobenzene		290	U	20	290

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid % Moisture: 11.2 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		730	U	180	730
Phenanthrene		2600		14	290
Carbazole		360		16	290
Anthracene		920		11	290
Di-n-butyl phthalate		290	U	43	290
Fluoranthene		2300		15	290
Pyrene		2700		14	290
Butyl benzyl phthalate		290	U	16	290
3,3'-Dichlorobenzidine		360	U	60	360
Benzo[a]anthracene		1700		10	290
Chrysene		1700		22	290
Bis(2-ethylhexyl) phthalate		160	J B	28	290
Di-n-octyl phthalate		290	U	17	290
Benzo[b]fluoranthene		1600		7.8	290
Benzo[k]fluoranthene		560		26	290
Benzo[a]pyrene		1400		7.9	290
Indeno[1,2,3-cd]pyrene		990		19	290
Dibenz(a,h)anthracene		300		23	290
Benzo[g,h,i]perylene		970		19	290

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	65		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	80		37 - 120
Terphenyl-d14	78		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_3-4

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	20	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	18	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	19	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	16	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		760	U	140	760
2,4,6-Trichlorophenol		310	U	8.4	310
2,4,5-Trichlorophenol		1900	U	16	1900
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		760	U	19	760
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.0	310
Acenaphthene		310	U	18	310
3-Nitroaniline		760	U	9.8	760
2,4-Dinitrophenol		1900	U	92	1900
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		1900	U	23	1900
Fluorene		310	U	18	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		1900	U	130	1900
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_3-4

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		760	U	190	760
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		24	J	14	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	63	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U	23	310
Bis(2-ethylhexyl) phthalate		300	J B	30	310
Di-n-octyl phthalate		310	U	17	310
Benzo[b]fluoranthene		310	U	8.2	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.3	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	68		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	77		37 - 120
Terphenyl-d14	64		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	25	370
Bis(2-chloroethyl)ether		370	U	19	370
2-Chlorophenol		370	U	21	370
1,3-Dichlorobenzene		370	U	18	370
1,4-Dichlorobenzene		370	U	22	370
Benzyl alcohol		370	U	35	370
1,2-Dichlorobenzene		370	U	22	370
2,2'-oxybis[1-chloropropane]		370	U	19	370
2-Methylphenol		370	U	22	370
Hexachloroethane		370	U	21	370
N-Nitrosodi-n-propylamine		370	U	25	370
4-Methylphenol		370	U	24	370
Nitrobenzene		370	U	24	370
Isophorone		370	U	20	370
2-Nitrophenol		370	U	23	370
2,4-Dimethylphenol		370	U	18	370
Bis(2-chloroethoxy)methane		370	U	17	370
2,4-Dichlorophenol		370	U	20	370
1,2,4-Trichlorobenzene		370	U	24	370
Naphthalene		370	U	19	370
4-Chloroaniline		370	U	60	370
Hexachlorobutadiene		370	U	28	370
4-Chloro-3-methylphenol		370	U	15	370
2-Methylnaphthalene		370	U	11	370
Hexachlorocyclopentadiene		920	U	170	920
2,4,6-Trichlorophenol		370	U	10	370
2,4,5-Trichlorophenol		2300	U	19	2300
2-Chloronaphthalene		370	U	16	370
2-Nitroaniline		920	U	22	920
Acenaphthylene		370	U	18	370
Dimethyl phthalate		370	U	21	370
2,6-Dinitrotoluene		370	U	11	370
Acenaphthene		370	U	22	370
3-Nitroaniline		920	U	12	920
2,4-Dinitrophenol		2300	U	110	2300
Dibenzofuran		370	U	26	370
2,4-Dinitrotoluene		370	U	29	370
4-Nitrophenol		2300	U	28	2300
Fluorene		370	U	22	370
4-Chlorophenyl phenyl ether		370	U	27	370
Diethyl phthalate		370	U	37	370
4-Nitroaniline		370	U	28	370
4,6-Dinitro-2-methylphenol		2300	U	160	2300
N-Nitrosodiphenylamine		370	U	21	370
4-Bromophenyl phenyl ether		370	U	24	370
Hexachlorobenzene		370	U	26	370

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB142B_22-22.5**

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		920	U	220	920
Phenanthrene		370	U	18	370
Carbazole		370	U	21	370
Anthracene		370	U	14	370
Di-n-butyl phthalate		370	U	54	370
Fluoranthene		370	U	18	370
Pyrene		370	U	17	370
Butyl benzyl phthalate		370	U	21	370
3,3'-Dichlorobenzidine		450	U	76	450
Benzo[a]anthracene		370	U	13	370
Chrysene		370	U	27	370
Bis(2-ethylhexyl) phthalate		270	J B	36	370
Di-n-octyl phthalate		370	U	21	370
Benzo[b]fluoranthene		370	U	9.9	370
Benzo[k]fluoranthene		370	U	33	370
Benzo[a]pyrene		370	U	10	370
Indeno[1,2,3-cd]pyrene		370	U	24	370
Dibenz(a,h)anthracene		370	U	29	370
Benzo[g,h,i]perylene		370	U	24	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	62		34 - 120
Phenol-d5	63		36 - 120
Nitrobenzene-d5	62		38 - 120
2-Fluorobiphenyl	59		41 - 120
2,4,6-Tribromophenol	70		37 - 120
Terphenyl-d14	58		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid % Moisture: 20.0 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		320	U	22	320
Bis(2-chloroethyl)ether		320	U	17	320
2-Chlorophenol		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
Benzyl alcohol		320	U	31	320
1,2-Dichlorobenzene		320	U	19	320
2,2'-oxybis[1-chloropropane]		320	U	17	320
2-Methylphenol		320	U	19	320
Hexachloroethane		320	U	19	320
N-Nitrosodi-n-propylamine		320	U	22	320
4-Methylphenol		320	U	21	320
Nitrobenzene		320	U	21	320
Isophorone		320	U	18	320
2-Nitrophenol		320	U	20	320
2,4-Dimethylphenol		320	U	16	320
Bis(2-chloroethoxy)methane		320	U	15	320
2,4-Dichlorophenol		320	U	17	320
1,2,4-Trichlorobenzene		320	U	21	320
Naphthalene		320	U	17	320
4-Chloroaniline		320	U	53	320
Hexachlorobutadiene		320	U	25	320
4-Chloro-3-methylphenol		320	U	13	320
2-Methylnaphthalene		320	U	9.3	320
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		320	U	8.9	320
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		320	U	14	320
2-Nitroaniline		810	U	20	810
Acenaphthylene		320	U	16	320
Dimethyl phthalate		320	U	19	320
2,6-Dinitrotoluene		320	U	9.5	320
Acenaphthene		320	U	19	320
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2000	U	97	2000
Dibenzofuran		320	U	23	320
2,4-Dinitrotoluene		320	U	26	320
4-Nitrophenol		2000	U	25	2000
Fluorene		320	U	19	320
4-Chlorophenyl phenyl ether		320	U	24	320
Diethyl phthalate		320	U	33	320
4-Nitroaniline		320	U	25	320
4,6-Dinitro-2-methylphenol		2000	U	140	2000
N-Nitrosodiphenylamine		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
Hexachlorobenzene		320	U	22	320

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid % Moisture: 20.0 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		320	U	16	320
Carbazole		320	U	18	320
Anthracene		320	U	13	320
Di-n-butyl phthalate		320	U	47	320
Fluoranthene		320	U	16	320
Pyrene		320	U	15	320
Butyl benzyl phthalate		320	U	18	320
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		320	U	12	320
Chrysene		320	U	24	320
Bis(2-ethylhexyl) phthalate		59	J B	31	320
Di-n-octyl phthalate		320	U	18	320
Benzo[b]fluoranthene		320	U	8.7	320
Benzo[k]fluoranthene		320	U	29	320
Benzo[a]pyrene		320	U	8.8	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Dibenz(a,h)anthracene		320	U	25	320
Benzo[g,h,i]perylene		320	U	21	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	70		34 - 120
Phenol-d5	71		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	76		37 - 120
Terphenyl-d14	67		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	16	310
1,4-Dichlorobenzene		310	U	19	310
Benzyl alcohol		310	U	30	310
1,2-Dichlorobenzene		310	U	19	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	21	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	15	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	21	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	51	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.9	310
Hexachlorocyclopentadiene		780	U	150	780
2,4,6-Trichlorophenol		310	U	8.6	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		780	U	19	780
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.2	310
Acenaphthene		310	U	19	310
3-Nitroaniline		780	U	10	780
2,4-Dinitrophenol		2000	U	94	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	24	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	32	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	18	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	22	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		780	U	190	780
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	46	310
Fluoranthene		310	U	16	310
Pyrene		310	U	15	310
Butyl benzyl phthalate		310	U	18	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U	23	310
Bis(2-ethylhexyl) phthalate		59	J B	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.4	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.5	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	25	310
Benzo[g,h,i]perylene		310	U	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	68		34 - 120
Phenol-d5	69		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	71		37 - 120
Terphenyl-d14	63		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		330	U	22	330
Bis(2-chloroethyl)ether		330	U	17	330
2-Chlorophenol		330	U	19	330
1,3-Dichlorobenzene		330	U	16	330
1,4-Dichlorobenzene		330	U	19	330
Benzyl alcohol		330	U	31	330
1,2-Dichlorobenzene		330	U	19	330
2,2'-oxybis[1-chloropropane]		330	U	17	330
2-Methylphenol		330	U	20	330
Hexachloroethane		330	U	19	330
N-Nitrosodi-n-propylamine		330	U	22	330
4-Methylphenol		330	U	21	330
Nitrobenzene		330	U	21	330
Isophorone		330	U	18	330
2-Nitrophenol		330	U	21	330
2,4-Dimethylphenol		330	U	16	330
Bis(2-chloroethoxy)methane		330	U	15	330
2,4-Dichlorophenol		330	U	17	330
1,2,4-Trichlorobenzene		330	U	21	330
Naphthalene		330	U	17	330
4-Chloroaniline		330	U	53	330
Hexachlorobutadiene		330	U	25	330
4-Chloro-3-methylphenol		330	U	13	330
2-Methylnaphthalene		330	U	9.3	330
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		330	U	9.0	330
2,4,5-Trichlorophenol		2100	U	16	2100
2-Chloronaphthalene		330	U	14	330
2-Nitroaniline		810	U	20	810
Acenaphthylene		330	U	16	330
Dimethyl phthalate		330	U	19	330
2,6-Dinitrotoluene		330	U	9.6	330
Acenaphthene		330	U	19	330
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2100	U	98	2100
Dibenzofuran		330	U	23	330
2,4-Dinitrotoluene		330	U	26	330
4-Nitrophenol		2100	U	25	2100
Fluorene		330	U	20	330
4-Chlorophenyl phenyl ether		330	U	24	330
Diethyl phthalate		330	U	33	330
4-Nitroaniline		330	U	25	330
4,6-Dinitro-2-methylphenol		2100	U	140	2100
N-Nitrosodiphenylamine		330	U	18	330
4-Bromophenyl phenyl ether		330	U	21	330
Hexachlorobenzene		330	U	23	330

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		330	U	16	330
Carbazole		330	U	18	330
Anthracene		330	U	13	330
Di-n-butyl phthalate		330	U	48	330
Fluoranthene		330	U	16	330
Pyrene		330	U	15	330
Butyl benzyl phthalate		330	U	18	330
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		330	U	12	330
Chrysene		330	U	24	330
Bis(2-ethylhexyl) phthalate		38	J B	32	330
Di-n-octyl phthalate		330	U	19	330
Benzo[b]fluoranthene		330	U	8.7	330
Benzo[k]fluoranthene		330	U	29	330
Benzo[a]pyrene		330	U	8.9	330
Indeno[1,2,3-cd]pyrene		330	U	21	330
Dibenz(a,h)anthracene		330	U	26	330
Benzo[g,h,i]perylene		330	U	21	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	66		34 - 120
Phenol-d5	67		36 - 120
Nitrobenzene-d5	65		38 - 120
2-Fluorobiphenyl	61		41 - 120
2,4,6-Tribromophenol	68		37 - 120
Terphenyl-d14	62		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		770	U	150	770
2,4,6-Trichlorophenol		310	U	8.5	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		770	U	19	770
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.1	310
Acenaphthene		310	U	18	310
3-Nitroaniline		770	U	9.9	770
2,4-Dinitrophenol		2000	U	93	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	23	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		770	U	190	770
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		310	U	15	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U	23	310
Bis(2-ethylhexyl) phthalate		51	J B	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.3	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.4	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	66		36 - 120
Nitrobenzene-d5	66		38 - 120
2-Fluorobiphenyl	60		41 - 120
2,4,6-Tribromophenol	64		37 - 120
Terphenyl-d14	59		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-1

Lab Sample ID: 220-16030-8FB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-1

Lab Sample ID: 220-16030-8FB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U *	0.54	4.0
Di-n-octyl phthalate	4.0	U *	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	30		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	70		40 - 120
2-Fluorobiphenyl	72		39 - 120
2,4,6-Tribromophenol	85		36 - 120
Terphenyl-d14	88		10 - 120

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U *	0.54	4.0
Di-n-octyl phthalate	4.0	U *	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	29		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	67		40 - 120
2-Fluorobiphenyl	71		39 - 120
2,4,6-Tribromophenol	90		36 - 120
Terphenyl-d14	95		10 - 120

General Chemistry

Client Sample ID: SB142B_2-3

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	88.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	87.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB142B_22-22.5**

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	71.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-143 3-4**

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	80.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	83.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-143 39-40**

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	81.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP071411**

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	83.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-16030-1	SB142B_2-3	82	85	92	113
220-16030-2	SB142B_3-4	85	84	89	100
220-16030-3	SB142B_22-22.5	86	87	92	100
220-16030-4	SB-143 3-4	84	84	92	95
220-16030-5	SB-143 32-33	85	83	91	101
220-16030-6	SB-143 39-40	85	93	82	89
220-16030-7	DUP071411	84	92	79	89
MB 220-53087/3		83	87	93	101
MB 220-53146/3		79	88	80	93
LCS 220-53087/2		91	92	99	106
LCS 220-53146/2		84	89	78	84
220-16030-6 MS	SB-143 39-40 MS	77	86	71	73
220-16030-6 MSD	SB-143 39-40 MSD	82	87	75	76

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	59-123
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
TOL = Toluene-d8 (Surr)	50-118
BFB = 4-Bromofluorobenzene	34-124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-16030-8	FB-1	101	101	85	77
220-16030-9	FB-2	102	100	78	78
220-16030-10	Trip Blank	101	107	78	78
MB 220-53093/3		106	115	82	85
LCS 220-53093/2		98	104	83	77

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
220-16030-1	SB142B_2-3	65	65	64	65	80	78
220-16030-2	SB142B_3-4	65	68	64	64	77	64
220-16030-3	SB142B_22-22.5	62	63	62	59	70	58
220-16030-4	SB-143 3-4	70	71	69	65	76	67
220-16030-5	SB-143 32-33	68	69	69	64	71	63
220-16030-6	SB-143 39-40	66	67	65	61	68	62
220-16030-7	DUP071411	65	66	66	60	64	59
MB 220-53281/1-A		70	70	70	67	74	63
LCS 220-53281/2-A		61	63	62	62	72	62
220-16030-6 MS	SB-143 39-40 MS	65	65	64	61	73	62
220-16030-6 MSD	SB-143 39-40 MSD	67	69	67	64	73	62

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	34-120
PHL = Phenol-d5	36-120
NBZ = Nitrobenzene-d5	38-120
FBP = 2-Fluorobiphenyl	41-120
TBP = 2,4,6-Tribromophenol	37-120
TPH = Terphenyl-d14	32-125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

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
220-16030-8	FB-1	30	19	70	72	85	88
220-16030-9	FB-2	29	19	67	71	90	95
MB 220-53137/1-A		29	19	67	71	89	94
LCS 220-53137/2-A		37	24	82	89	118E	111

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	13-120
PHL = Phenol-d5	10-120
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TBP = 2,4,6-Tribromophenol	36-120
TPH = Terphenyl-d14	10-120

Method Blank - Batch: 220-53087

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-53087/3	Analysis Batch:	220-53087	Instrument ID:	MSN
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N3859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1208	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1208				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromomethane	5.0	U	2.1	5.0
Carbon disulfide	5.0	U	0.41	5.0
Acetone	2.43	J	2.2	20
Chloroethane	5.0	U	0.98	5.0
Chloroform	5.0	U	0.34	5.0
Chloromethane	5.0	U	0.78	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
1,1-Dichloroethane	5.0	U	0.30	5.0
Methyl Ethyl Ketone	10	U	1.6	10
Benzene	5.0	U	0.57	5.0
1,1-Dichloroethene	5.0	U	0.58	5.0
1,2-Dichloroethane	5.0	U	0.58	5.0
1,2-Dichloropropane	5.0	U	0.67	5.0
Bromodichloromethane	5.0	U	0.30	5.0
cis-1,3-Dichloropropene	5.0	U	0.56	5.0
trans-1,3-Dichloropropene	5.0	U	0.27	5.0
Methylene Chloride	4.65	J	1.1	20
methyl isobutyl ketone	5.0	U	0.55	5.0
Dibromochloromethane	5.0	U	0.35	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.2	10
Toluene	5.0	U	0.074	5.0
Chlorobenzene	5.0	U	0.59	5.0
1,1,1-Trichloroethane	5.0	U	0.53	5.0
1,1,2-Trichloroethane	5.0	U	0.37	5.0
Ethylbenzene	5.0	U	0.70	5.0
Styrene	5.0	U	0.15	5.0
Trichloroethene	5.0	U	0.81	5.0
Vinyl chloride	5.0	U	0.23	5.0
Bromoform	5.0	U	0.61	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.52	5.0
Xylenes, Total	5.0	U	0.49	5.0
cis-1,2-Dichloroethene	5.0	U	0.37	5.0
trans-1,2-Dichloroethene	5.0	U	0.39	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	83	59 - 123
1,2-Dichloroethane-d4 (Surr)	87	59 - 132
Toluene-d8 (Surr)	93	50 - 118
4-Bromofluorobenzene	101	34 - 124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53087

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-53087/2	Analysis Batch:	220-53087	Instrument ID:	MSN
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N3858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1119	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1119				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	20.0	30.1	151	83 - 150	*
Carbon disulfide	20.0	18.4	92	80 - 142	
Acetone	20.0	24.6	123	80 - 150	
Chloroethane	20.0	22.0	110	54 - 150	
Chloroform	20.0	19.1	96	74 - 142	
Chloromethane	20.0	18.3	91	69 - 143	
Carbon tetrachloride	20.0	18.7	94	80 - 137	
1,1-Dichloroethane	20.0	19.6	98	78 - 130	
Methyl Ethyl Ketone	20.0	21.3	106	80 - 150	
Benzene	20.0	18.6	93	80 - 133	
1,1-Dichloroethene	20.0	19.1	96	80 - 144	
1,2-Dichloroethane	20.0	19.5	98	76 - 130	
1,2-Dichloropropane	20.0	18.8	94	78 - 127	
Bromodichloromethane	20.0	18.7	94	74 - 126	
cis-1,3-Dichloropropene	20.0	18.1	90	67 - 125	
trans-1,3-Dichloropropene	20.0	18.2	91	61 - 126	
Methylene Chloride	20.0	20.1	100	68 - 147	
methyl isobutyl ketone	20.0	20.7	104	74 - 136	
Dibromochloromethane	20.0	18.6	93	71 - 120	
Tetrachloroethene	20.0	18.8	94	67 - 120	
2-Hexanone	20.0	20.5	102	76 - 150	
Toluene	20.0	19.1	95	65 - 121	
Chlorobenzene	20.0	19.0	95	73 - 120	
1,1,1-Trichloroethane	20.0	19.2	96	80 - 136	
1,1,2-Trichloroethane	20.0	19.7	98	59 - 146	
Ethylbenzene	20.0	19.1	96	72 - 120	
Styrene	20.0	18.3	92	59 - 120	
Trichloroethene	20.0	17.6	88	71 - 129	
Vinyl chloride	20.0	19.4	97	70 - 137	
Bromoform	20.0	19.2	96	65 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.3	96	76 - 120	
Xylenes, Total	60.0	56.9	95	71 - 120	
cis-1,2-Dichloroethene	20.0	19.5	97	80 - 122	
trans-1,2-Dichloroethene	20.0	19.9	100	50 - 149	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	91	59 - 123
1,2-Dichloroethane-d4 (Surr)	92	59 - 132
Toluene-d8 (Surr)	99	50 - 118
4-Bromofluorobenzene	106	34 - 124

Method Blank - Batch: 220-53093

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-53093/3	Analysis Batch:	220-53093	Instrument ID:	MSV
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	V2403.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 1142	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1142				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromomethane	5.0	U	2.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Acetone	10	U	1.0	10
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Benzene	5.0	U	0.74	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
Bromodichloromethane	5.0	U	0.48	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Methylene Chloride	2.54	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Dibromochloromethane	5.0	U	0.55	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.1	10
Toluene	5.0	U	0.72	5.0
Chlorobenzene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.64	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Bromoform	5.0	U	0.46	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	106	68 - 132
1,2-Dichloroethane-d4 (Surr)	115	65 - 136
Toluene-d8 (Surr)	82	63 - 127
4-Bromofluorobenzene	85	51 - 142

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53093

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-53093/2	Analysis Batch:	220-53093	Instrument ID:	MSV
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	V2401.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 1047	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1047				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	10.0	8.74	87	47 - 150	
Carbon disulfide	10.0	9.50	95	55 - 150	
Acetone	10.0	8.23	82	41 - 150	J
Chloroethane	10.0	11.1	111	49 - 150	
Chloroform	10.0	11.0	110	77 - 126	
Chloromethane	10.0	9.51	95	33 - 150	
Carbon tetrachloride	10.0	12.8	128	69 - 135	
1,1-Dichloroethane	10.0	9.86	99	75 - 130	
Methyl Ethyl Ketone	10.0	7.10	71	42 - 150	J
Benzene	10.0	9.67	97	66 - 131	
1,1-Dichloroethene	10.0	10.7	107	65 - 142	
1,2-Dichloroethane	10.0	12.1	121	73 - 127	
1,2-Dichloropropane	10.0	8.88	89	69 - 129	
Bromodichloromethane	10.0	11.5	115	78 - 120	
cis-1,3-Dichloropropene	10.0	9.59	96	63 - 120	
trans-1,3-Dichloropropene	10.0	10.0	100	73 - 120	
Methylene Chloride	10.0	9.10	91	56 - 138	
methyl isobutyl ketone	10.0	7.34	73	70 - 122	J
Dibromochloromethane	10.0	9.76	98	75 - 120	
Tetrachloroethene	10.0	10.9	109	50 - 120	
2-Hexanone	10.0	7.74	77	46 - 150	J
Toluene	10.0	9.58	96	66 - 120	
Chlorobenzene	10.0	10.0	100	68 - 120	
1,1,1-Trichloroethane	10.0	12.8	128	73 - 135	
1,1,2-Trichloroethane	10.0	9.85	98	76 - 125	
Ethylbenzene	10.0	10.3	103	62 - 120	
Styrene	10.0	9.97	100	47 - 120	
Trichloroethene	10.0	9.77	98	60 - 122	
Vinyl chloride	10.0	10.2	102	61 - 150	
Bromoform	10.0	10.3	103	66 - 120	
1,1,2,2-Tetrachloroethane	10.0	7.71	77	75 - 124	
Xylenes, Total	30.0	30.4	101	58 - 120	
cis-1,2-Dichloroethene	10.0	9.00	90	65 - 120	
trans-1,2-Dichloroethene	10.0	9.63	96	58 - 120	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	98	68 - 132
1,2-Dichloroethane-d4 (Surr)	104	65 - 136
Toluene-d8 (Surr)	83	63 - 127
4-Bromofluorobenzene	77	51 - 142

Method Blank - Batch: 220-53146

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-53146/3	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4952.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1146	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1146				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromomethane	5.0	U	2.1	5.0
Carbon disulfide	5.0	U	0.41	5.0
Acetone	20	U	2.2	20
Chloroethane	5.0	U	0.98	5.0
Chloroform	5.0	U	0.34	5.0
Chloromethane	5.0	U	0.78	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
1,1-Dichloroethane	5.0	U	0.30	5.0
Methyl Ethyl Ketone	10	U	1.6	10
Benzene	5.0	U	0.57	5.0
1,1-Dichloroethene	5.0	U	0.58	5.0
1,2-Dichloroethane	5.0	U	0.58	5.0
1,2-Dichloropropane	5.0	U	0.67	5.0
Bromodichloromethane	5.0	U	0.30	5.0
cis-1,3-Dichloropropene	5.0	U	0.56	5.0
trans-1,3-Dichloropropene	5.0	U	0.27	5.0
Methylene Chloride	4.60	J	1.1	20
methyl isobutyl ketone	5.0	U	0.55	5.0
Dibromochloromethane	5.0	U	0.35	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.2	10
Toluene	0.252	J	0.074	5.0
Chlorobenzene	5.0	U	0.59	5.0
1,1,1-Trichloroethane	5.0	U	0.53	5.0
1,1,2-Trichloroethane	5.0	U	0.37	5.0
Ethylbenzene	5.0	U	0.70	5.0
Styrene	5.0	U	0.15	5.0
Trichloroethene	5.0	U	0.81	5.0
Vinyl chloride	5.0	U	0.23	5.0
Bromoform	5.0	U	0.61	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.52	5.0
Xylenes, Total	5.0	U	0.49	5.0
cis-1,2-Dichloroethene	5.0	U	0.37	5.0
trans-1,2-Dichloroethene	5.0	U	0.39	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	79	59 - 123
1,2-Dichloroethane-d4 (Surr)	88	59 - 132
Toluene-d8 (Surr)	80	50 - 118
4-Bromofluorobenzene	93	34 - 124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53146

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-53146/2	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4951.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1104	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1104				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	20.0	26.3	131	83 - 150	
Carbon disulfide	20.0	16.2	81	80 - 142	
Acetone	20.0	19.6	98	80 - 150	J
Chloroethane	20.0	24.1	121	54 - 150	
Chloroform	20.0	17.6	88	74 - 142	
Chloromethane	20.0	18.1	91	69 - 143	
Carbon tetrachloride	20.0	17.0	85	80 - 137	
1,1-Dichloroethane	20.0	19.7	98	78 - 130	
Methyl Ethyl Ketone	20.0	18.4	92	80 - 150	
Benzene	20.0	17.9	90	80 - 133	
1,1-Dichloroethene	20.0	17.6	88	80 - 144	
1,2-Dichloroethane	20.0	19.2	96	76 - 130	
1,2-Dichloropropane	20.0	19.1	95	78 - 127	
Bromodichloromethane	20.0	16.7	83	74 - 126	
cis-1,3-Dichloropropene	20.0	17.5	88	67 - 125	
trans-1,3-Dichloropropene	20.0	18.1	90	61 - 126	
Methylene Chloride	20.0	20.3	101	68 - 147	
methyl isobutyl ketone	20.0	17.9	90	74 - 136	
Dibromochloromethane	20.0	15.2	76	71 - 120	
Tetrachloroethene	20.0	16.2	81	67 - 120	
2-Hexanone	20.0	18.7	93	76 - 150	
Toluene	20.0	17.5	87	65 - 121	
Chlorobenzene	20.0	16.5	82	73 - 120	
1,1,1-Trichloroethane	20.0	17.6	88	80 - 136	
1,1,2-Trichloroethane	20.0	17.5	87	59 - 146	
Ethylbenzene	20.0	16.4	82	72 - 120	
Styrene	20.0	15.3	76	59 - 120	
Trichloroethene	20.0	17.0	85	71 - 129	
Vinyl chloride	20.0	18.3	92	70 - 137	
Bromoform	20.0	13.9	69	65 - 120	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	76 - 120	
Xylenes, Total	60.0	49.1	82	71 - 120	
cis-1,2-Dichloroethene	20.0	17.5	88	80 - 122	
trans-1,2-Dichloroethene	20.0	17.4	87	50 - 149	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	84	59 - 123
1,2-Dichloroethane-d4 (Surr)	89	59 - 132
Toluene-d8 (Surr)	78	50 - 118
4-Bromofluorobenzene	84	34 - 124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53146

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1505			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1505				
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4959.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1531			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1531				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	94	100	80 - 150	6	20		
Benzene	94	96	80 - 133	2	20		
Bromodichloromethane	90	88	74 - 126	3	20		
Bromoform	76	78	65 - 120	4	20		
Bromomethane	105	104	83 - 150	1	20		
Methyl Ethyl Ketone	99	96	80 - 150	3	20		
Carbon disulfide	83	84	80 - 142	2	20		
Carbon tetrachloride	80	93	80 - 137	15	20		
Chlorobenzene	83	85	73 - 120	2	20		
Chloroethane	125	131	54 - 150	5	20		
Chloroform	94	97	74 - 142	3	20		
Chloromethane	99	100	69 - 143	0	20		
Dibromochloromethane	79	79	71 - 120	1	20		
1,1-Dichloroethane	104	103	78 - 130	1	20		
1,2-Dichloroethane	107	102	76 - 130	4	20		
1,1-Dichloroethene	88	93	80 - 144	5	20		
1,2-Dichloropropane	102	102	78 - 127	0	20		
cis-1,3-Dichloropropene	96	93	67 - 125	2	20		
trans-1,3-Dichloropropene	95	95	61 - 126	0	20		
Ethylbenzene	85	84	72 - 120	1	20		
2-Hexanone	93	96	76 - 150	4	20		
Methylene Chloride	84	83	68 - 147	1	20		
methyl isobutyl ketone	94	97	74 - 136	3	20		
Styrene	80	82	59 - 120	2	20		
1,1,2,2-Tetrachloroethane	86	89	76 - 120	4	20		
Tetrachloroethene	83	85	67 - 120	3	20		
Toluene	85	87	65 - 121	2	20		
1,1,1-Trichloroethane	93	95	80 - 136	1	20		
1,1,2-Trichloroethane	94	92	59 - 146	2	20		
Trichloroethene	92	93	71 - 129	1	20		
Vinyl chloride	98	101	70 - 137	3	20		
Xylenes, Total	85	85	71 - 120	0	20		
cis-1,2-Dichloroethene	90	95	80 - 122	5	20		

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53146

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1505			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1505				
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4959.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1531			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1531				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,2-Dichloroethene	90	93	50 - 149	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	87	59 - 132
4-Bromofluorobenzene	73	76	34 - 124
Dibromofluoromethane	77	82	59 - 123
Toluene-d8 (Surr)	71	75	50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53146

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	220-16030-6	Units: ug/Kg	MSD Lab Sample ID:	220-16030-6	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	07/20/2011 1505		Analysis Date:	07/20/2011 1531	
Prep Date:	07/20/2011 1505		Prep Date:	07/20/2011 1531	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acetone	4.5	J	61.6	61.6	62.4	65.9
Benzene	6.2	U	61.6	61.6	57.9	58.9
Bromodichloromethane	6.2	U	61.6	61.6	55.5	53.9
Bromoform	6.2	U	61.6	61.6	46.6	48.2
Bromomethane	6.2	U	61.6	61.6	64.8	64.1
Methyl Ethyl Ketone	12	U	61.6	61.6	61.1	59.2
Carbon disulfide	6.2	U	61.6	61.6	51.2	52.0
Carbon tetrachloride	6.2	U	61.6	61.6	49.1	57.0
Chlorobenzene	6.2	U	61.6	61.6	51.3	52.3
Chloroethane	6.2	U	61.6	61.6	76.9	80.6
Chloroform	6.2	U	61.6	61.6	58.1	59.6
Chloromethane	6.2	U	61.6	61.6	61.2	61.3
Dibromochloromethane	6.2	U	61.6	61.6	48.3	48.9
1,1-Dichloroethane	6.2	U	61.6	61.6	64.2	63.3
1,2-Dichloroethane	6.2	U	61.6	61.6	65.7	63.0
1,1-Dichloroethene	6.2	U	61.6	61.6	54.1	57.0
1,2-Dichloropropane	6.2	U	61.6	61.6	62.7	62.8
cis-1,3-Dichloropropene	6.2	U	61.6	61.6	58.8	57.4
trans-1,3-Dichloropropene	6.2	U	61.6	61.6	58.4	58.2
Ethylbenzene	6.2	U	61.6	61.6	52.3	51.8
2-Hexanone	12	U	61.6	61.6	57.1	59.3
Methylene Chloride	6.3	J	61.6	61.6	57.8	57.3
methyl isobutyl ketone	6.2	U	61.6	61.6	57.9	59.6
Styrene	6.2	U	61.6	61.6	49.3	50.3
1,1,2,2-Tetrachloroethane	6.2	U	61.6	61.6	53.0	55.1
Tetrachloroethene	6.2	U	61.6	61.6	50.9	52.3
Toluene	6.2	U	61.6	61.6	52.6	53.7
1,1,1-Trichloroethane	6.2	U	61.6	61.6	57.6	58.3
1,1,2-Trichloroethane	6.2	U	61.6	61.6	57.9	56.6
Trichloroethene	6.2	U	61.6	61.6	56.3	57.0
Vinyl chloride	6.2	U	61.6	61.6	60.3	62.1
Xylenes, Total	6.2	U	185	185	158	158
cis-1,2-Dichloroethene	6.2	U	61.6	61.6	55.3	58.2
trans-1,2-Dichloroethene	6.2	U	61.6	61.6	55.3	57.0

Method Blank - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 220-53137/1-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1440	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method Blank - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 220-53137/1-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1440	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	4.0	U	0.33	4.0
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	29	13 - 120
Phenol-d5	19	10 - 120
Nitrobenzene-d5	67	40 - 120
2-Fluorobiphenyl	71	39 - 120
2,4,6-Tribromophenol	89	36 - 120
Terphenyl-d14	94	10 - 120

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 220-53137/2-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1508	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	40.0	10.1	25	10 - 120	
Bis(2-chloroethyl)ether	40.0	30.5	76	46 - 120	
2-Chlorophenol	40.0	28.4	71	18 - 120	
1,3-Dichlorobenzene	40.0	27.4	69	33 - 120	
1,4-Dichlorobenzene	40.0	27.5	69	34 - 120	
Benzyl alcohol	40.0	26.3	66	31 - 120	
1,2-Dichlorobenzene	40.0	28.0	70	35 - 120	
2,2'-oxybis[1-chloropropane]	40.0	31.7	79	45 - 120	
2-Methylphenol	40.0	25.2	63	25 - 120	
Hexachloroethane	40.0	27.3	68	29 - 120	
N-Nitrosodi-n-propylamine	40.0	34.7	87	49 - 120	
4-Methylphenol	80.0	44.2	55	21 - 120	
Nitrobenzene	40.0	32.8	82	46 - 120	
Isophorone	40.0	36.2	90	47 - 120	
2-Nitrophenol	40.0	34.5	86	36 - 120	
2,4-Dimethylphenol	40.0	32.8	82	26 - 120	
Bis(2-chloroethoxy)methane	40.0	34.7	87	48 - 120	
2,4-Dichlorophenol	40.0	34.2	85	18 - 120	
1,2,4-Trichlorobenzene	40.0	30.1	75	37 - 120	
Naphthalene	40.0	32.1	80	42 - 120	
4-Chloroaniline	40.0	35.2	88	33 - 120	
Hexachlorobutadiene	40.0	29.4	74	30 - 120	
4-Chloro-3-methylphenol	40.0	37.6	94	32 - 120	
2-Methylnaphthalene	40.0	34.3	86	44 - 120	
Hexachlorocyclopentadiene	40.0	26.4	66	15 - 120	
2,4,6-Trichlorophenol	40.0	40.4	101	18 - 125	
2,4,5-Trichlorophenol	40.0	41.6	104	23 - 123	
2-Chloronaphthalene	40.0	36.1	90	46 - 120	
2-Nitroaniline	40.0	42.2	106	57 - 120	
Acenaphthylene	40.0	38.2	95	52 - 120	
Dimethyl phthalate	40.0	43.1	108	49 - 120	
2,6-Dinitrotoluene	40.0	44.9	112	63 - 120	
Acenaphthene	40.0	39.5	99	52 - 120	
3-Nitroaniline	40.0	42.2	106	54 - 120	
2,4-Dinitrophenol	40.0	38.1	95	17 - 128	
Dibenzofuran	40.0	40.4	101	56 - 120	
2,4-Dinitrotoluene	40.0	44.7	112	46 - 124	
4-Nitrophenol	40.0	14.0	35	12 - 120	
Fluorene	40.0	42.8	107	61 - 120	
4-Chlorophenyl phenyl ether	40.0	42.0	105	58 - 120	
Diethyl phthalate	40.0	45.3	113	57 - 120	
4-Nitroaniline	40.0	44.8	112	54 - 120	
4,6-Dinitro-2-methylphenol	40.0	42.9	107	50 - 120	
N-Nitrosodiphenylamine	40.0	43.8	110	62 - 120	
4-Bromophenyl phenyl ether	40.0	44.6	111	60 - 120	
Hexachlorobenzene	40.0	43.7	109	59 - 120	

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 220-53137/2-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1508	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	40.0	43.2	108	50 - 120	
Phenanthrene	40.0	44.4	111	63 - 120	
Carbazole	40.0	45.4	114	62 - 120	
Anthracene	40.0	44.7	112	60 - 120	
Di-n-butyl phthalate	40.0	46.8	117	61 - 120	
Fluoranthene	40.0	46.3	116	56 - 120	
Pyrene	40.0	44.1	110	62 - 120	
Butyl benzyl phthalate	40.0	48.2	121	53 - 122	
3,3'-Dichlorobenzidine	40.0	36.9	92	39 - 120	
Benzo[a]anthracene	40.0	45.1	113	60 - 120	
Chrysene	40.0	45.1	113	59 - 120	
Bis(2-ethylhexyl) phthalate	40.0	51.8	130	57 - 120	*
Di-n-octyl phthalate	40.0	51.5	129	57 - 120	*
Benzo[b]fluoranthene	40.0	45.5	114	59 - 120	
Benzo[k]fluoranthene	40.0	47.5	119	58 - 120	
Benzo[a]pyrene	40.0	44.3	111	51 - 120	
Indeno[1,2,3-cd]pyrene	40.0	41.1	103	48 - 120	
Dibenz(a,h)anthracene	40.0	44.7	112	47 - 120	
Benzo[g,h,i]perylene	40.0	39.9	100	48 - 120	

Surrogate	% Rec		Acceptance Limits
2-Fluorophenol	37		13 - 120
Phenol-d5	24		10 - 120
Nitrobenzene-d5	82		40 - 120
2-Fluorobiphenyl	89		39 - 120
2,4,6-Tribromophenol	118	E	36 - 120
Terphenyl-d14	111		10 - 120

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method Blank - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 220-53281/1-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24497.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0801	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	270	U	18	270
Bis(2-chloroethyl)ether	270	U	14	270
2-Chlorophenol	270	U	16	270
1,3-Dichlorobenzene	270	U	14	270
1,4-Dichlorobenzene	270	U	16	270
Benzyl alcohol	270	U	26	270
1,2-Dichlorobenzene	270	U	16	270
2,2'-oxybis[1-chloropropane]	270	U	14	270
2-Methylphenol	270	U	16	270
Hexachloroethane	270	U	15	270
N-Nitrosodi-n-propylamine	270	U	18	270
4-Methylphenol	270	U	18	270
Nitrobenzene	270	U	17	270
Isophorone	270	U	15	270
2-Nitrophenol	270	U	17	270
2,4-Dimethylphenol	270	U	13	270
Bis(2-chloroethoxy)methane	270	U	13	270
2,4-Dichlorophenol	270	U	14	270
1,2,4-Trichlorobenzene	270	U	18	270
Naphthalene	270	U	14	270
4-Chloroaniline	270	U	44	270
Hexachlorobutadiene	270	U	21	270
4-Chloro-3-methylphenol	270	U	11	270
2-Methylnaphthalene	270	U	7.7	270
Hexachlorocyclopentadiene	670	U	130	670
2,4,6-Trichlorophenol	270	U	7.4	270
2,4,5-Trichlorophenol	1700	U	14	1700
2-Chloronaphthalene	270	U	12	270
2-Nitroaniline	670	U	16	670
Acenaphthylene	270	U	13	270
Dimethyl phthalate	270	U	16	270
2,6-Dinitrotoluene	270	U	7.9	270
Acenaphthene	270	U	16	270
3-Nitroaniline	670	U	8.6	670
2,4-Dinitrophenol	1700	U	81	1700
Dibenzofuran	270	U	19	270
2,4-Dinitrotoluene	270	U	22	270
4-Nitrophenol	1700	U	20	1700
Fluorene	270	U	16	270
4-Chlorophenyl phenyl ether	270	U	20	270
Diethyl phthalate	270	U	27	270
4-Nitroaniline	270	U	21	270
4,6-Dinitro-2-methylphenol	1700	U	120	1700
N-Nitrosodiphenylamine	270	U	15	270
4-Bromophenyl phenyl ether	270	U	17	270

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method Blank - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 220-53281/1-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24497.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0801	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	270	U	19	270
Pentachlorophenol	670	U	160	670
Phenanthrene	270	U	13	270
Carbazole	270	U	15	270
Anthracene	270	U	11	270
Di-n-butyl phthalate	270	U	39	270
Fluoranthene	270	U	13	270
Pyrene	270	U	13	270
Butyl benzyl phthalate	270	U	15	270
3,3'-Dichlorobenzidine	330	U	56	330
Benzo[a]anthracene	270	U	9.6	270
Chrysene	270	U	20	270
Bis(2-ethylhexyl) phthalate	211	J	26	270
Di-n-octyl phthalate	270	U	15	270
Benzo[b]fluoranthene	270	U	7.2	270
Benzo[k]fluoranthene	270	U	24	270
Benzo[a]pyrene	270	U	7.3	270
Indeno[1,2,3-cd]pyrene	270	U	18	270
Dibenz(a,h)anthracene	270	U	21	270
Benzo[g,h,i]perylene	270	U	18	270

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	70	34 - 120
Phenol-d5	70	36 - 120
Nitrobenzene-d5	70	38 - 120
2-Fluorobiphenyl	67	41 - 120
2,4,6-Tribromophenol	74	37 - 120
Terphenyl-d14	63	32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 220-53281/2-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24498.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0832	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	2670	1650	62	51 - 120	
Bis(2-chloroethyl)ether	2670	1640	61	52 - 120	
2-Chlorophenol	2670	1650	62	54 - 120	
1,3-Dichlorobenzene	2670	1540	58	51 - 120	
1,4-Dichlorobenzene	2670	1540	58	51 - 120	
Benzyl alcohol	2670	1850	69	54 - 120	
1,2-Dichlorobenzene	2670	1550	58	52 - 120	
2,2'-oxybis[1-chloropropane]	2670	1700	64	51 - 120	
2-Methylphenol	2670	1730	65	53 - 120	
Hexachloroethane	2670	1560	59	52 - 120	
N-Nitrosodi-n-propylamine	2670	1740	65	54 - 120	
4-Methylphenol	5330	3490	65	54 - 120	
Nitrobenzene	2670	1630	61	54 - 120	
Isophorone	2670	1710	64	55 - 120	
2-Nitrophenol	2670	1700	64	56 - 120	
2,4-Dimethylphenol	2670	1710	64	49 - 120	
Bis(2-chloroethoxy)methane	2670	1650	62	56 - 120	
2,4-Dichlorophenol	2670	1710	64	54 - 120	
1,2,4-Trichlorobenzene	2670	1570	59	53 - 120	
Naphthalene	2670	1680	63	55 - 120	
4-Chloroaniline	2670	1230	46	15 - 120	
Hexachlorobutadiene	2670	1570	59	54 - 120	
4-Chloro-3-methylphenol	2670	1860	70	56 - 120	
2-Methylnaphthalene	2670	1680	63	56 - 120	
Hexachlorocyclopentadiene	2670	1510	57	50 - 120	
2,4,6-Trichlorophenol	2670	1810	68	56 - 120	
2,4,5-Trichlorophenol	2670	1840	69	56 - 120	
2-Chloronaphthalene	2670	1660	62	56 - 120	
2-Nitroaniline	2670	1900	71	57 - 120	
Acenaphthylene	2670	1780	67	57 - 120	
Dimethyl phthalate	2670	1820	68	56 - 120	
2,6-Dinitrotoluene	2670	1910	72	59 - 120	
Acenaphthene	2670	1720	64	57 - 120	
3-Nitroaniline	2670	1500	56	38 - 120	
2,4-Dinitrophenol	2670	2570	96	33 - 120	
Dibenzofuran	2670	1770	66	57 - 120	
2,4-Dinitrotoluene	2670	1940	73	57 - 120	
4-Nitrophenol	2670	2190	82	55 - 120	
Fluorene	2670	1790	67	58 - 120	
4-Chlorophenyl phenyl ether	2670	1760	66	56 - 120	
Diethyl phthalate	2670	1920	72	57 - 120	
4-Nitroaniline	2670	1950	73	53 - 120	
4,6-Dinitro-2-methylphenol	2670	2220	83	48 - 120	
N-Nitrosodiphenylamine	2670	1810	68	59 - 120	
4-Bromophenyl phenyl ether	2670	1780	67	57 - 120	
Hexachlorobenzene	2670	1760	66	56 - 120	

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 220-53281/2-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24498.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0832	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	2670	2130	80	52 - 120	
Phenanthrene	2670	1830	69	58 - 120	
Carbazole	2670	1900	71	58 - 120	
Anthracene	2670	1870	70	58 - 120	
Di-n-butyl phthalate	2670	1930	72	58 - 120	
Fluoranthene	2670	1880	71	57 - 120	
Pyrene	2670	1690	63	54 - 121	
Butyl benzyl phthalate	2670	2050	77	54 - 120	
3,3'-Dichlorobenzidine	2670	1640	61	24 - 120	
Benzo[a]anthracene	2670	1870	70	58 - 120	
Chrysene	2670	1820	68	57 - 120	
Bis(2-ethylhexyl) phthalate	2670	2530	95	56 - 120	
Di-n-octyl phthalate	2670	2150	80	48 - 126	
Benzo[b]fluoranthene	2670	1670	63	54 - 120	
Benzo[k]fluoranthene	2670	1750	66	53 - 120	
Benzo[a]pyrene	2670	1810	68	44 - 120	
Indeno[1,2,3-cd]pyrene	2670	1810	68	37 - 120	
Dibenz(a,h)anthracene	2670	1840	69	39 - 120	
Benzo[g,h,i]perylene	2670	1540	58	37 - 120	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	61	34 - 120
Phenol-d5	63	36 - 120
Nitrobenzene-d5	62	38 - 120
2-Fluorobiphenyl	62	41 - 120
2,4,6-Tribromophenol	72	37 - 120
Terphenyl-d14	62	32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24508.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.50 g
Analysis Date:	07/27/2011 1338			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.42 g
Analysis Date:	07/27/2011 1408			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	64	68	51 - 120	7	35		
Bis(2-chloroethyl)ether	63	66	52 - 120	5	40		
2-Chlorophenol	64	69	54 - 120	7	50		
1,3-Dichlorobenzene	58	61	51 - 120	6	40		
1,4-Dichlorobenzene	59	62	51 - 120	5	27		
Benzyl alcohol	72	76	54 - 120	6	40		
1,2-Dichlorobenzene	60	62	52 - 120	4	40		
2,2'-oxybis[1-chloropropane]	64	67	51 - 120	5	40		
2-Methylphenol	66	70	53 - 120	5	40		
Hexachloroethane	60	63	52 - 120	6	40		
N-Nitrosodi-n-propylamine	67	70	54 - 120	5	38		
4-Methylphenol	66	69	54 - 120	6	40		
Nitrobenzene	63	66	54 - 120	6	40		
Isophorone	65	68	55 - 120	5	40		
2-Nitrophenol	66	69	56 - 120	5	40		
2,4-Dimethylphenol	65	67	49 - 120	4	40		
Bis(2-chloroethoxy)methane	64	67	56 - 120	5	40		
2,4-Dichlorophenol	65	68	54 - 120	5	40		
1,2,4-Trichlorobenzene	61	64	53 - 120	6	23		
Naphthalene	64	67	55 - 120	5	40		
4-Chloroaniline	46	46	15 - 120	1	40		
Hexachlorobutadiene	60	63	54 - 120	4	40		
4-Chloro-3-methylphenol	70	71	56 - 120	1	33		
2-Methylnaphthalene	64	67	56 - 120	5	40		
Hexachlorocyclopentadiene	51	52	50 - 120	3	40		
2,4,6-Trichlorophenol	67	68	56 - 120	1	40		
2,4,5-Trichlorophenol	71	71	56 - 120	1	40		
2-Chloronaphthalene	62	64	56 - 120	5	40		
2-Nitroaniline	72	71	57 - 120	0	40		
Acenaphthylene	66	67	57 - 120	1	19		
Dimethyl phthalate	68	68	56 - 120	1	40		
2,6-Dinitrotoluene	72	71	59 - 120	1	40		
Acenaphthene	64	66	57 - 120	3	40		

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24508.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.50 g
Analysis Date:	07/27/2011 1338			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.42 g
Analysis Date:	07/27/2011 1408			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3-Nitroaniline	57	56	38 - 120	1	40		
2,4-Dinitrophenol	89	84	33 - 120	6	40		
Dibenzofuran	66	67	57 - 120	1	40		
2,4-Dinitrotoluene	73	74	57 - 120	1	40		
4-Nitrophenol	83	82	55 - 120	0	40		
Fluorene	67	67	58 - 120	1	40		
4-Chlorophenyl phenyl ether	66	67	56 - 120	1	40		
Diethyl phthalate	72	72	57 - 120	0	40		
4-Nitroaniline	71	71	53 - 120	1	40		
4,6-Dinitro-2-methylphenol	80	78	48 - 120	3	40		
N-Nitrosodiphenylamine	68	67	59 - 120	2	40		
4-Bromophenyl phenyl ether	67	66	57 - 120	1	40		
Hexachlorobenzene	66	65	56 - 120	1	40		
Pentachlorophenol	80	78	52 - 120	3	47		
Phenanthrene	67	67	58 - 120	1	40		
Carbazole	71	71	58 - 120	1	40		
Anthracene	68	69	58 - 120	2	40		
Di-n-butyl phthalate	72	71	58 - 120	1	40		
Fluoranthene	72	71	57 - 120	0	40		
Pyrene	64	64	54 - 121	0	36		
Butyl benzyl phthalate	76	77	54 - 120	1	40		
3,3'-Dichlorobenzidine	60	62	24 - 120	3	40		
Benzo[a]anthracene	70	71	58 - 120	2	40		
Chrysene	66	67	57 - 120	1	40		
Bis(2-ethylhexyl) phthalate	93	94	56 - 120	2	40		
Di-n-octyl phthalate	88	90	48 - 126	3	40		
Benzo[b]fluoranthene	64	67	54 - 120	4	40		
Benzo[k]fluoranthene	65	67	53 - 120	2	40		
Benzo[a]pyrene	67	68	44 - 120	3	40		
Indeno[1,2,3-cd]pyrene	67	68	37 - 120	2	40		
Dibenz(a,h)anthracene	69	71	39 - 120	3	40		
Benzo[g,h,i]perylene	59	60	37 - 120	3	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	65	67	34 - 120
Phenol-d5	65	69	36 - 120
Nitrobenzene-d5	64	67	38 - 120
2-Fluorobiphenyl	61	64	41 - 120
2,4,6-Tribromophenol	73	73	37 - 120
Terphenyl-d14	62	62	32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Units: ug/Kg		MSD Lab Sample ID:	220-16030-6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/27/2011 1338			Analysis Date:	07/27/2011 1408
Prep Date:	07/26/2011 1012			Prep Date:	07/26/2011 1012
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	330	U	3180	3190	2030	2180
Bis(2-chloroethyl)ether	330	U	3180	3190	2000	2110
2-Chlorophenol	330	U	3180	3190	2040	2190
1,3-Dichlorobenzene	330	U	3180	3190	1850	1960
1,4-Dichlorobenzene	330	U	3180	3190	1870	1970
Benzyl alcohol	330	U	3180	3190	2290	2440
1,2-Dichlorobenzene	330	U	3180	3190	1900	1990
2,2'-oxybis[1-chloropropane]	330	U	3180	3190	2040	2140
2-Methylphenol	330	U	3180	3190	2110	2220
Hexachloroethane	330	U	3180	3190	1890	2000
N-Nitrosodi-n-propylamine	330	U	3180	3190	2120	2230
4-Methylphenol	330	U	6360	6390	4180	4440
Nitrobenzene	330	U	3180	3190	2000	2110
Isophorone	330	U	3180	3190	2060	2160
2-Nitrophenol	330	U	3180	3190	2100	2220
2,4-Dimethylphenol	330	U	3180	3190	2050	2130
Bis(2-chloroethoxy)methane	330	U	3180	3190	2040	2140
2,4-Dichlorophenol	330	U	3180	3190	2070	2180
1,2,4-Trichlorobenzene	330	U	3180	3190	1940	2050
Naphthalene	330	U	3180	3190	2030	2140
4-Chloroaniline	330	U	3180	3190	1470	1460
Hexachlorobutadiene	330	U	3180	3190	1920	2010
4-Chloro-3-methylphenol	330	U	3180	3190	2230	2260
2-Methylnaphthalene	330	U	3180	3190	2020	2120
Hexachlorocyclopentadiene	810	U	3180	3190	1630	1670
2,4,6-Trichlorophenol	330	U	3180	3190	2140	2170
2,4,5-Trichlorophenol	2100	U	3180	3190	2250	2270
2-Chloronaphthalene	330	U	3180	3190	1970	2060
2-Nitroaniline	810	U	3180	3190	2270	2280
Acenaphthylene	330	U	3180	3190	2110	2130
Dimethyl phthalate	330	U	3180	3190	2170	2180
2,6-Dinitrotoluene	330	U	3180	3190	2280	2270
Acenaphthene	330	U	3180	3190	2040	2100
3-Nitroaniline	810	U	3180	3190	1820	1790
2,4-Dinitrophenol	2100	U	3180	3190	2840	2670
Dibenzofuran	330	U	3180	3190	2110	2130
2,4-Dinitrotoluene	330	U	3180	3190	2340	2350
4-Nitrophenol	2100	U	3180	3190	2640	2630
Fluorene	330	U	3180	3190	2120	2140
4-Chlorophenyl phenyl ether	330	U	3180	3190	2100	2130
Diethyl phthalate	330	U	3180	3190	2300	2300
4-Nitroaniline	330	U	3180	3190	2250	2270
4,6-Dinitro-2-methylphenol	2100	U	3180	3190	2550	2480

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Units: ug/Kg		MSD Lab Sample ID:	220-16030-6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/27/2011 1338			Analysis Date:	07/27/2011 1408
Prep Date:	07/26/2011 1012			Prep Date:	07/26/2011 1012
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
N-Nitrosodiphenylamine	330	U	3180	3190	2160	2130
4-Bromophenyl phenyl ether	330	U	3180	3190	2130	2110
Hexachlorobenzene	330	U	3180	3190	2100	2070
Pentachlorophenol	810	U	3180	3190	2540	2480
Phenanthrene	330	U	3180	3190	2110	2130
Carbazole	330	U	3180	3190	2260	2280
Anthracene	330	U	3180	3190	2170	2210
Di-n-butyl phthalate	330	U	3180	3190	2290	2270
Fluoranthene	330	U	3180	3190	2280	2280
Pyrene	330	U	3180	3190	2040	2030
Butyl benzyl phthalate	330	U	3180	3190	2430	2460
3,3'-Dichlorobenzidine	400	U	3180	3190	1900	1970
Benzo[a]anthracene	330	U	3180	3190	2220	2270
Chrysene	330	U	3180	3190	2110	2130
Bis(2-ethylhexyl) phthalate	38	J	3180	3190	2980	3050
Di-n-octyl phthalate	330	U	3180	3190	2780	2880
Benzo[b]fluoranthene	330	U	3180	3190	2050	2140
Benzo[k]fluoranthene	330	U	3180	3190	2080	2130
Benzo[a]pyrene	330	U	3180	3190	2120	2170
Indeno[1,2,3-cd]pyrene	330	U	3180	3190	2130	2160
Dibenz(a,h)anthracene	330	U	3180	3190	2190	2260
Benzo[g,h,i]perylene	330	U	3180	3190	1870	1920

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS 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.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-53087					
LCS 220-53087/2	Lab Control Sample	T	Solid	8260B	
MB 220-53087/3	Method Blank	T	Solid	8260B	
220-16030-1	SB142B_2-3	T	Solid	8260B	
220-16030-2	SB142B_3-4	T	Solid	8260B	
220-16030-3	SB142B_22-22.5	T	Solid	8260B	
220-16030-4	SB-143 3-4	T	Solid	8260B	
220-16030-5	SB-143 32-33	T	Solid	8260B	
Analysis Batch:220-53093					
LCS 220-53093/2	Lab Control Sample	T	Water	8260B	
MB 220-53093/3	Method Blank	T	Water	8260B	
220-16030-8FB	FB-1	T	Water	8260B	
220-16030-9FB	FB-2	T	Water	8260B	
220-16030-10TB	Trip Blank	T	Water	8260B	
Analysis Batch:220-53146					
LCS 220-53146/2	Lab Control Sample	T	Solid	8260B	
MB 220-53146/3	Method Blank	T	Solid	8260B	
220-16030-6	SB-143 39-40	T	Solid	8260B	
220-16030-6MS	Matrix Spike	T	Solid	8260B	
220-16030-6MSD	Matrix Spike Duplicate	T	Solid	8260B	
220-16030-7	DUP071411	T	Solid	8260B	

Report Basis
T = Total

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 220-53137					
LCS 220-53137/2-A	Lab Control Sample	T	Water	3510C	
MB 220-53137/1-A	Method Blank	T	Water	3510C	
220-16030-8FB	FB-1	T	Water	3510C	
220-16030-9FB	FB-2	T	Water	3510C	
Prep Batch: 220-53281					
LCS 220-53281/2-A	Lab Control Sample	T	Solid	3541	
MB 220-53281/1-A	Method Blank	T	Solid	3541	
220-16030-1	SB142B_2-3	T	Solid	3541	
220-16030-2	SB142B_3-4	T	Solid	3541	
220-16030-3	SB142B_22-22.5	T	Solid	3541	
220-16030-4	SB-143 3-4	T	Solid	3541	
220-16030-5	SB-143 32-33	T	Solid	3541	
220-16030-6	SB-143 39-40	T	Solid	3541	
220-16030-6MS	Matrix Spike	T	Solid	3541	
220-16030-6MSD	Matrix Spike Duplicate	T	Solid	3541	
220-16030-7	DUP071411	T	Solid	3541	
Analysis Batch:220-53339					
LCS 220-53281/2-A	Lab Control Sample	T	Solid	8270C	220-53281
MB 220-53281/1-A	Method Blank	T	Solid	8270C	220-53281
220-16030-1	SB142B_2-3	T	Solid	8270C	220-53281
220-16030-2	SB142B_3-4	T	Solid	8270C	220-53281
220-16030-3	SB142B_22-22.5	T	Solid	8270C	220-53281
220-16030-4	SB-143 3-4	T	Solid	8270C	220-53281
220-16030-5	SB-143 32-33	T	Solid	8270C	220-53281
220-16030-6	SB-143 39-40	T	Solid	8270C	220-53281
220-16030-6MS	Matrix Spike	T	Solid	8270C	220-53281
220-16030-6MSD	Matrix Spike Duplicate	T	Solid	8270C	220-53281
220-16030-7	DUP071411	T	Solid	8270C	220-53281
Analysis Batch:220-53343					
LCS 220-53137/2-A	Lab Control Sample	T	Water	8270C	220-53137
MB 220-53137/1-A	Method Blank	T	Water	8270C	220-53137
220-16030-8FB	FB-1	T	Water	8270C	220-53137
220-16030-9FB	FB-2	T	Water	8270C	220-53137

Report Basis
T = Total

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-52964					
220-16030-1	SB142B_2-3	T	Solid	Moisture	
220-16030-2	SB142B_3-4	T	Solid	Moisture	
220-16030-3	SB142B_22-22.5	T	Solid	Moisture	
220-16030-4	SB-143 3-4	T	Solid	Moisture	
220-16030-5	SB-143 32-33	T	Solid	Moisture	
220-16030-6	SB-143 39-40	T	Solid	Moisture	
220-16030-7	DUP071411	T	Solid	Moisture	

Report Basis
T = Total

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Laboratory Chronicle

Lab ID: 220-16030-1 **Client ID: SB142B_2-3**

Sample Date/Time: 07/13/2011 09:45 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-1		220-53087		07/19/2011 18:40	1	TAL CT	DH
A:8260B	220-16030-A-1		220-53087		07/19/2011 18:40	1	TAL CT	DH
P:3541	220-16030-B-1-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-1-A		220-53339	220-53281	07/27/2011 15:09	1	TAL CT	SJ
A:Moisture	220-16030-B-1		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-2 **Client ID: SB142B_3-4**

Sample Date/Time: 07/13/2011 10:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-2		220-53087		07/19/2011 19:06	1	TAL CT	DH
A:8260B	220-16030-A-2		220-53087		07/19/2011 19:06	1	TAL CT	DH
P:3541	220-16030-B-2-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-2-A		220-53339	220-53281	07/27/2011 11:06	1	TAL CT	SJ
A:Moisture	220-16030-B-2		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-3 **Client ID: SB142B_22-22.5**

Sample Date/Time: 07/14/2011 12:20 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-3		220-53087		07/19/2011 19:32	1	TAL CT	DH
A:8260B	220-16030-A-3		220-53087		07/19/2011 19:32	1	TAL CT	DH
P:3541	220-16030-B-3-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-3-A		220-53339	220-53281	07/27/2011 11:36	1	TAL CT	SJ
A:Moisture	220-16030-B-3		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-4 **Client ID: SB-143 3-4**

Sample Date/Time: 07/14/2011 15:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-4		220-53087		07/19/2011 19:57	1	TAL CT	DH
A:8260B	220-16030-A-4		220-53087		07/19/2011 19:57	1	TAL CT	DH
P:3541	220-16030-B-4-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-4-A		220-53339	220-53281	07/27/2011 12:06	1	TAL CT	SJ
A:Moisture	220-16030-B-4		220-52964		07/18/2011 12:30	1	TAL CT	AB

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Laboratory Chronicle

Lab ID: 220-16030-5 **Client ID: SB-143 32-33**

Sample Date/Time: 07/14/2011 22:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-5		220-53087		07/19/2011 20:23	1	TAL CT	DH
A:8260B	220-16030-A-5		220-53087		07/19/2011 20:23	1	TAL CT	DH
P:3541	220-16030-B-5-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-5-A		220-53339	220-53281	07/27/2011 12:37	1	TAL CT	SJ
A:Moisture	220-16030-B-5		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-6 **Client ID: SB-143 39-40**

Sample Date/Time: 07/14/2011 23:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-6		220-53146		07/20/2011 13:06	1	TAL CT	DH
A:8260B	220-16030-A-6		220-53146		07/20/2011 13:06	1	TAL CT	DH
P:3541	220-16030-B-6-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-6-A		220-53339	220-53281	07/27/2011 13:07	1	TAL CT	SJ
A:Moisture	220-16030-B-6		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-6 **Client ID: SB-143 39-40**

Sample Date/Time: 07/14/2011 23:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-6 MS		220-53146		07/20/2011 15:05	1	TAL CT	DH
A:8260B	220-16030-A-6 MS		220-53146		07/20/2011 15:05	1	TAL CT	DH
P:3541	220-16030-B-6-B MS		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-6-B MS		220-53339	220-53281	07/27/2011 13:38	1	TAL CT	SJ

Lab ID: 220-16030-6 **Client ID: SB-143 39-40**

Sample Date/Time: 07/14/2011 23:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-6 MSD		220-53146		07/20/2011 15:31	1	TAL CT	DH
A:8260B	220-16030-A-6 MSD		220-53146		07/20/2011 15:31	1	TAL CT	DH
P:3541	220-16030-B-6-C MSD		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-6-C MSD		220-53339	220-53281	07/27/2011 14:08	1	TAL CT	SJ

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Laboratory Chronicle

Lab ID: 220-16030-7 **Client ID: DUP071411**

Sample Date/Time: 07/14/2011 00:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-7		220-53146		07/20/2011 13:57	1	TAL CT	DH
A:8260B	220-16030-A-7		220-53146		07/20/2011 13:57	1	TAL CT	DH
P:3541	220-16030-B-7-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-7-A		220-53339	220-53281	07/27/2011 14:39	1	TAL CT	SJ
A:Moisture	220-16030-B-7		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-8 **Client ID: FB-1**

Sample Date/Time: 07/14/2011 08:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-8		220-53093		07/20/2011 20:21	1	TAL CT	BK
A:8260B	220-16030-A-8		220-53093		07/20/2011 20:21	1	TAL CT	BK
P:3510C	220-16030-D-8-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	220-16030-D-8-A		220-53343	220-53137	07/27/2011 16:05	1	TAL CT	SJ

Lab ID: 220-16030-9 **Client ID: FB-2**

Sample Date/Time: 07/14/2011 13:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-9		220-53093		07/20/2011 20:49	1	TAL CT	BK
A:8260B	220-16030-A-9		220-53093		07/20/2011 20:49	1	TAL CT	BK
P:3510C	220-16030-D-9-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	220-16030-D-9-A		220-53343	220-53137	07/27/2011 16:33	1	TAL CT	SJ

Lab ID: 220-16030-10 **Client ID: Trip Blank**

Sample Date/Time: 07/14/2011 08:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-10		220-53093		07/20/2011 21:17	1	TAL CT	BK
A:8260B	220-16030-A-10		220-53093		07/20/2011 21:17	1	TAL CT	BK

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

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 220-53087/3		220-53087		07/19/2011 12:08	1	TAL CT	DH
A:8260B	MB 220-53087/3		220-53087		07/19/2011 12:08	1	TAL CT	DH
P:5030B	MB 220-53093/3		220-53093		07/20/2011 11:42	1	TAL CT	BK
A:8260B	MB 220-53093/3		220-53093		07/20/2011 11:42	1	TAL CT	BK
P:5030B	MB 220-53146/3		220-53146		07/20/2011 11:46	1	TAL CT	DH
A:8260B	MB 220-53146/3		220-53146		07/20/2011 11:46	1	TAL CT	DH
P:3541	MB 220-53281/1-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	MB 220-53281/1-A		220-53339	220-53281	07/27/2011 08:01	1	TAL CT	SJ
P:3510C	MB 220-53137/1-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	MB 220-53137/1-A		220-53343	220-53137	07/27/2011 14:40	1	TAL CT	SJ

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 220-53087/2		220-53087		07/19/2011 11:19	1	TAL CT	DH
A:8260B	LCS 220-53087/2		220-53087		07/19/2011 11:19	1	TAL CT	DH
P:5030B	LCS 220-53093/2		220-53093		07/20/2011 10:47	1	TAL CT	BK
A:8260B	LCS 220-53093/2		220-53093		07/20/2011 10:47	1	TAL CT	BK
P:5030B	LCS 220-53146/2		220-53146		07/20/2011 11:04	1	TAL CT	DH
A:8260B	LCS 220-53146/2		220-53146		07/20/2011 11:04	1	TAL CT	DH
P:3541	LCS 220-53281/2-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	LCS 220-53281/2-A		220-53339	220-53281	07/27/2011 08:32	1	TAL CT	SJ
P:3510C	LCS 220-53137/2-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	LCS 220-53137/2-A		220-53343	220-53137	07/27/2011 15:08	1	TAL CT	SJ

Lab References:
TAL CT = TestAmerica Connecticut

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB142B_2-3	220-16030-1	82	85	92	113
SB142B_3-4	220-16030-2	85	84	89	100
SB142B_22-22.5	220-16030-3	86	87	92	100
SB-143 3-4	220-16030-4	84	84	92	95
SB-143 32-33	220-16030-5	85	83	91	101
SB-143 39-40	220-16030-6	85	93	82	89
DUP071411	220-16030-7	84	92	79	89
	MB 220-53087/3	83	87	93	101
	MB 220-53146/3	79	88	80	93
	LCS 220-53087/2	91	92	99	106
	LCS 220-53146/2	84	89	78	84
SB-143 39-40 MS	220-16030-6 MS	77	86	71	73
SB-143 39-40 MSD	220-16030-6 MSD	82	87	75	76

	QC LIMITS
DBFM = Dibromofluoromethane	59-123
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
TOL = Toluene-d8 (Surr)	50-118
BFB = 4-Bromofluorobenzene	34-124

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB-1	220-16030-8	101	101	85	77
FB-2	220-16030-9	102	100	78	78
Trip Blank	220-16030-10	101	107	78	78
	MB 220-53093/3	106	115	82	85
	LCS 220-53093/2	98	104	83	77

	QC LIMITS
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: N3858.D

Lab ID: LCS 220-53087/2 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromomethane	20.0	30.1	151	83-150	*
Carbon disulfide	20.0	18.4	92	80-142	
Acetone	20.0	24.6	123	80-150	
Chloroethane	20.0	22.0	110	54-150	
Chloroform	20.0	19.1	96	74-142	
Chloromethane	20.0	18.3	91	69-143	
1,1-Dichloroethane	20.0	19.6	98	78-130	
Carbon tetrachloride	20.0	18.7	94	80-137	
Methyl Ethyl Ketone	20.0	21.3	106	80-150	
1,1-Dichloroethene	20.0	19.1	96	80-144	
Benzene	20.0	18.6	93	80-133	
1,2-Dichloroethane	20.0	19.5	98	76-130	
1,2-Dichloropropane	20.0	18.8	94	78-127	
Bromodichloromethane	20.0	18.7	94	74-126	
cis-1,3-Dichloropropene	20.0	18.1	90	67-125	
trans-1,3-Dichloropropene	20.0	18.2	91	61-126	
Methylene Chloride	20.0	20.1	100	68-147	
methyl isobutyl ketone	20.0	20.7	104	74-136	
Dibromochloromethane	20.0	18.6	93	71-120	
Tetrachloroethene	20.0	18.8	94	67-120	
2-Hexanone	20.0	20.5	102	76-150	
Toluene	20.0	19.1	95	65-121	
1,1,1-Trichloroethane	20.0	19.2	96	80-136	
Chlorobenzene	20.0	19.0	95	73-120	
1,1,2-Trichloroethane	20.0	19.7	98	59-146	
Ethylbenzene	20.0	19.1	96	72-120	
Styrene	20.0	18.3	92	59-120	
Trichloroethene	20.0	17.6	88	71-129	
Bromoform	20.0	19.2	96	65-120	
Vinyl chloride	20.0	19.4	97	70-137	
1,1,2,2-Tetrachloroethane	20.0	19.3	96	76-120	
Xylenes, Total	60.0	56.9	95	71-120	
cis-1,2-Dichloroethene	20.0	19.5	97	80-122	
trans-1,2-Dichloroethene	20.0	19.9	100	50-149	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V2401.D

Lab ID: LCS 220-53093/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromomethane	10.0	8.74	87	47-150	
Carbon disulfide	10.0	9.50	95	55-150	
Acetone	10.0	8.23 J	82	41-150	
Chloroethane	10.0	11.1	111	49-150	
Chloroform	10.0	11.0	110	77-126	
Chloromethane	10.0	9.51	95	33-150	
1,1-Dichloroethane	10.0	9.86	99	75-130	
Carbon tetrachloride	10.0	12.8	128	69-135	
Methyl Ethyl Ketone	10.0	7.10 J	71	42-150	
1,1-Dichloroethene	10.0	10.7	107	65-142	
Benzene	10.0	9.67	97	66-131	
1,2-Dichloroethane	10.0	12.1	121	73-127	
1,2-Dichloropropane	10.0	8.88	89	69-129	
Bromodichloromethane	10.0	11.5	115	78-120	
cis-1,3-Dichloropropene	10.0	9.59	96	63-120	
trans-1,3-Dichloropropene	10.0	10.0	100	73-120	
Methylene Chloride	10.0	9.10	91	56-138	
methyl isobutyl ketone	10.0	7.34 J	73	70-122	
Dibromochloromethane	10.0	9.76	98	75-120	
Tetrachloroethene	10.0	10.9	109	50-120	
2-Hexanone	10.0	7.74 J	77	46-150	
Toluene	10.0	9.58	96	66-120	
1,1,1-Trichloroethane	10.0	12.8	128	73-135	
Chlorobenzene	10.0	10.0	100	68-120	
1,1,2-Trichloroethane	10.0	9.85	98	76-125	
Ethylbenzene	10.0	10.3	103	62-120	
Styrene	10.0	9.97	100	47-120	
Trichloroethene	10.0	9.77	98	60-122	
Bromoform	10.0	10.3	103	66-120	
Vinyl chloride	10.0	10.2	102	61-150	
1,1,2,2-Tetrachloroethane	10.0	7.71	77	75-124	
Xylenes, Total	30.0	30.4	101	58-120	
cis-1,2-Dichloroethene	10.0	9.00	90	65-120	
trans-1,2-Dichloroethene	10.0	9.63	96	58-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O4951.D

Lab ID: LCS 220-53146/2 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromomethane	20.0	26.3	131	83-150	
Carbon disulfide	20.0	16.2	81	80-142	
Acetone	20.0	19.6 J	98	80-150	
Chloroethane	20.0	24.1	121	54-150	
Chloroform	20.0	17.6	88	74-142	
Chloromethane	20.0	18.1	91	69-143	
1,1-Dichloroethane	20.0	19.7	98	78-130	
Carbon tetrachloride	20.0	17.0	85	80-137	
Methyl Ethyl Ketone	20.0	18.4	92	80-150	
1,1-Dichloroethene	20.0	17.6	88	80-144	
Benzene	20.0	17.9	90	80-133	
1,2-Dichloroethane	20.0	19.2	96	76-130	
1,2-Dichloropropane	20.0	19.1	95	78-127	
Bromodichloromethane	20.0	16.7	83	74-126	
cis-1,3-Dichloropropene	20.0	17.5	88	67-125	
trans-1,3-Dichloropropene	20.0	18.1	90	61-126	
Methylene Chloride	20.0	20.3	101	68-147	
methyl isobutyl ketone	20.0	17.9	90	74-136	
Dibromochloromethane	20.0	15.2	76	71-120	
Tetrachloroethene	20.0	16.2	81	67-120	
2-Hexanone	20.0	18.7	93	76-150	
Toluene	20.0	17.5	87	65-121	
1,1,1-Trichloroethane	20.0	17.6	88	80-136	
Chlorobenzene	20.0	16.5	82	73-120	
1,1,2-Trichloroethane	20.0	17.5	87	59-146	
Ethylbenzene	20.0	16.4	82	72-120	
Styrene	20.0	15.3	76	59-120	
Trichloroethene	20.0	17.0	85	71-129	
Bromoform	20.0	13.9	69	65-120	
Vinyl chloride	20.0	18.3	92	70-137	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	76-120	
Xylenes, Total	60.0	49.1	82	71-120	
cis-1,2-Dichloroethene	20.0	17.5	88	80-122	
trans-1,2-Dichloroethene	20.0	17.4	87	50-149	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O4958.D

Lab ID: 220-16030-6 MS Client ID: SB-143 39-40 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	61.6	4.5 J	62.4	94	80-150	
Benzene	61.6	6.2 U	57.9	94	80-133	
Bromodichloromethane	61.6	6.2 U	55.5	90	74-126	
Bromoform	61.6	6.2 U	46.6	76	65-120	
Bromomethane	61.6	6.2 U	64.8	105	83-150	
Methyl Ethyl Ketone	61.6	12 U	61.1	99	80-150	
Carbon disulfide	61.6	6.2 U	51.2	83	80-142	
Carbon tetrachloride	61.6	6.2 U	49.1	80	80-137	
Chlorobenzene	61.6	6.2 U	51.3	83	73-120	
Chloroethane	61.6	6.2 U	76.9	125	54-150	
Chloroform	61.6	6.2 U	58.1	94	74-142	
Chloromethane	61.6	6.2 U	61.2	99	69-143	
Dibromochloromethane	61.6	6.2 U	48.3	79	71-120	
1,1-Dichloroethane	61.6	6.2 U	64.2	104	78-130	
1,2-Dichloroethane	61.6	6.2 U	65.7	107	76-130	
1,1-Dichloroethene	61.6	6.2 U	54.1	88	80-144	
1,2-Dichloropropane	61.6	6.2 U	62.7	102	78-127	
cis-1,3-Dichloropropene	61.6	6.2 U	58.8	96	67-125	
trans-1,3-Dichloropropene	61.6	6.2 U	58.4	95	61-126	
Ethylbenzene	61.6	6.2 U	52.3	85	72-120	
2-Hexanone	61.6	12 U	57.1	93	76-150	
Methylene Chloride	61.6	6.3 J	57.8	84	68-147	
methyl isobutyl ketone	61.6	6.2 U	57.9	94	74-136	
Styrene	61.6	6.2 U	49.3	80	59-120	
1,1,2,2-Tetrachloroethane	61.6	6.2 U	53.0	86	76-120	
Tetrachloroethene	61.6	6.2 U	50.9	83	67-120	
Toluene	61.6	6.2 U	52.6	85	65-121	
1,1,1-Trichloroethane	61.6	6.2 U	57.6	93	80-136	
1,1,2-Trichloroethane	61.6	6.2 U	57.9	94	59-146	
Trichloroethene	61.6	6.2 U	56.3	92	71-129	
Vinyl chloride	61.6	6.2 U	60.3	98	70-137	
Xylenes, Total	185	6.2 U	158	85	71-120	
cis-1,2-Dichloroethene	61.6	6.2 U	55.3	90	80-122	
trans-1,2-Dichloroethene	61.6	6.2 U	55.3	90	50-149	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O4959.D

Lab ID: 220-16030-6 MSD Client ID: SB-143 39-40 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	61.6	65.9	100	6	20	80-150	
Benzene	61.6	58.9	96	2	20	80-133	
Bromodichloromethane	61.6	53.9	88	3	20	74-126	
Bromoform	61.6	48.2	78	4	20	65-120	
Bromomethane	61.6	64.1	104	1	20	83-150	
Methyl Ethyl Ketone	61.6	59.2	96	3	20	80-150	
Carbon disulfide	61.6	52.0	84	2	20	80-142	
Carbon tetrachloride	61.6	57.0	93	15	20	80-137	
Chlorobenzene	61.6	52.3	85	2	20	73-120	
Chloroethane	61.6	80.6	131	5	20	54-150	
Chloroform	61.6	59.6	97	3	20	74-142	
Chloromethane	61.6	61.3	100	0	20	69-143	
Dibromochloromethane	61.6	48.9	79	1	20	71-120	
1,1-Dichloroethane	61.6	63.3	103	1	20	78-130	
1,2-Dichloroethane	61.6	63.0	102	4	20	76-130	
1,1-Dichloroethene	61.6	57.0	93	5	20	80-144	
1,2-Dichloropropane	61.6	62.8	102	0	20	78-127	
cis-1,3-Dichloropropene	61.6	57.4	93	2	20	67-125	
trans-1,3-Dichloropropene	61.6	58.2	95	0	20	61-126	
Ethylbenzene	61.6	51.8	84	1	20	72-120	
2-Hexanone	61.6	59.3	96	4	20	76-150	
Methylene Chloride	61.6	57.3	83	1	20	68-147	
methyl isobutyl ketone	61.6	59.6	97	3	20	74-136	
Styrene	61.6	50.3	82	2	20	59-120	
1,1,2,2-Tetrachloroethane	61.6	55.1	89	4	20	76-120	
Tetrachloroethene	61.6	52.3	85	3	20	67-120	
Toluene	61.6	53.7	87	2	20	65-121	
1,1,1-Trichloroethane	61.6	58.3	95	1	20	80-136	
1,1,2-Trichloroethane	61.6	56.6	92	2	20	59-146	
Trichloroethene	61.6	57.0	93	1	20	71-129	
Vinyl chloride	61.6	62.1	101	3	20	70-137	
Xylenes, Total	185	158	85	0	20	71-120	
cis-1,2-Dichloroethene	61.6	58.2	95	5	20	80-122	
trans-1,2-Dichloroethene	61.6	57.0	93	3	20	50-149	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: N3859.D Lab Sample ID: MB 220-53087/3

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: MSN Date Analyzed: 07/19/2011 12:08

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53087/2	N3858.D	07/19/2011 11:19
SB142B_2-3	220-16030-1	N3873.D	07/19/2011 18:40
SB142B_3-4	220-16030-2	N3874.D	07/19/2011 19:06
SB142B_22-22.5	220-16030-3	N3875.D	07/19/2011 19:32
SB-143 3-4	220-16030-4	N3876.D	07/19/2011 19:57
SB-143 32-33	220-16030-5	N3877.D	07/19/2011 20:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: V2403.D Lab Sample ID: MB 220-53093/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: MSV Date Analyzed: 07/20/2011 11:42

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53093/2	V2401.D	07/20/2011 10:47
FB-1	220-16030-8	V2422.D	07/20/2011 20:21
FB-2	220-16030-9	V2423.D	07/20/2011 20:49
Trip Blank	220-16030-10	V2424.D	07/20/2011 21:17

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: O4952.D Lab Sample ID: MB 220-53146/3

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: MSO Date Analyzed: 07/20/2011 11:46

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53146/2	O4951.D	07/20/2011 11:04
SB-143 39-40	220-16030-6	O4954.D	07/20/2011 13:06
DUP071411	220-16030-7	O4956.D	07/20/2011 13:57
SB-143 39-40 MS	220-16030-6 MS	O4958.D	07/20/2011 15:05
SB-143 39-40 MSD	220-16030-6 MSD	O4959.D	07/20/2011 15:31

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: NB907.D BFB Injection Date: 07/13/2011

Instrument ID: MSN BFB Injection Time: 16:46

Analysis Batch No.: 52848

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	38.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	76.3	
175	5.0 - 9.0 % of mass 174	5.6	(7.3)1
176	95.0 - 101.0 % of mass 174	73.8	(96.8)1
177	5.0 - 9.0 % of mass 176	4.9	(6.6)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
	IC 220-52848/1	N3724.D	07/13/2011	17:15
	IC 220-52848/2	N3725.D	07/13/2011	17:41
	IC 220-52848/3	N3726.D	07/13/2011	18:21
	IC 220-52848/4	N3727.D	07/13/2011	18:46
	IC 220-52848/5	N3728.D	07/13/2011	19:11
	IC 220-52848/6	N3729.D	07/13/2011	19:37

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: NB913.D BFB Injection Date: 07/19/2011

Instrument ID: MSN BFB Injection Time: 09:45

Analysis Batch No.: 53087

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.8	
75	30.0 - 60.0 % of mass 95	40.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	71.3	
175	5.0 - 9.0 % of mass 174	5.3	(7.4)1
176	95.0 - 101.0 % of mass 174	67.9	(95.2)1
177	5.0 - 9.0 % of mass 176	4.8	(7.1)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 220-53087/1	N3857.D	07/19/2011	10:15
	LCS 220-53087/2	N3858.D	07/19/2011	11:19
	MB 220-53087/3	N3859.D	07/19/2011	12:08
SB142B_2-3	220-16030-1	N3873.D	07/19/2011	18:40
SB142B_3-4	220-16030-2	N3874.D	07/19/2011	19:06
SB142B_22-22.5	220-16030-3	N3875.D	07/19/2011	19:32
SB-143 3-4	220-16030-4	N3876.D	07/19/2011	19:57
SB-143 32-33	220-16030-5	N3877.D	07/19/2011	20:23

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: OB028.D BFB Injection Date: 06/23/2011

Instrument ID: MSO BFB Injection Time: 10:41

Analysis Batch No.: 52207

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	45.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	70.0	
175	5.0 - 9.0 % of mass 174	4.8	(6.9)1
176	95.0 - 101.0 % of mass 174	69.3	(99.0)1
177	5.0 - 9.0 % of mass 176	4.7	(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
	IC 220-52207/1	O4512.D	06/23/2011	13:41
	IC 220-52207/2	O4513.D	06/23/2011	14:06
	IC 220-52207/3	O4514.D	06/23/2011	14:32
	IC 220-52207/4	O4515.D	06/23/2011	14:57
	IC 220-52207/5	O4516.D	06/23/2011	15:22
	IC 220-52207/6	O4519.D	06/23/2011	17:14

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: OB047.D BFB Injection Date: 07/20/2011

Instrument ID: MSO BFB Injection Time: 09:49

Analysis Batch No.: 53146

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.6	
75	30.0 - 60.0 % of mass 95	49.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	64.2	
175	5.0 - 9.0 % of mass 174	5.0	(7.7)1
176	95.0 - 101.0 % of mass 174	61.3	(95.4)1
177	5.0 - 9.0 % of mass 176	3.8	(6.1)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 220-53146/1	O4950.D	07/20/2011	10:17
	LCS 220-53146/2	O4951.D	07/20/2011	11:04
	MB 220-53146/3	O4952.D	07/20/2011	11:46
SB-143 39-40	220-16030-6	O4954.D	07/20/2011	13:06
DUP071411	220-16030-7	O4956.D	07/20/2011	13:57
SB-143 39-40 MS	220-16030-6 MS	O4958.D	07/20/2011	15:05
SB-143 39-40 MSD	220-16030-6 MSD	O4959.D	07/20/2011	15:31

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: VB561.D BFB Injection Date: 07/13/2011

Instrument ID: MSV BFB Injection Time: 14:11

Analysis Batch No.: 52854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.6	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	91.2	
175	5.0 - 9.0 % of mass 174	7.5	(8.2)1
176	95.0 - 101.0 % of mass 174	87.6	(96.0)1
177	5.0 - 9.0 % of mass 176	5.7	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-52854/1	V2191.D	07/13/2011	14:31
	IC 220-52854/2	V2192.D	07/13/2011	14:58
	ICIS 220-52854/3	V2193.D	07/13/2011	15:25
	IC 220-52854/4	V2194.D	07/13/2011	15:53
	IC 220-52854/5	V2195.D	07/13/2011	16:20
	IC 220-52854/6	V2196.D	07/13/2011	16:47

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: VB570.D BFB Injection Date: 07/20/2011

Instrument ID: MSV BFB Injection Time: 09:35

Analysis Batch No.: 53093

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	54.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	97.9	
175	5.0 - 9.0 % of mass 174	8.6	(8.8)1
176	95.0 - 101.0 % of mass 174	97.8	(99.8)1
177	5.0 - 9.0 % of mass 176	6.5	(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
	CCVIS 220-53093/1	V2399.D	07/20/2011	09:45
	LCS 220-53093/2	V2401.D	07/20/2011	10:47
	MB 220-53093/3	V2403.D	07/20/2011	11:42
FB-1	220-16030-8	V2422.D	07/20/2011	20:21
FB-2	220-16030-9	V2423.D	07/20/2011	20:49
Trip Blank	220-16030-10	V2424.D	07/20/2011	21:17

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53087/1 Date Analyzed: 07/19/2011 10:15

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): N3857.D Heated Purge: (Y/N) Y

Calibration ID: 11460

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		639491	4.79	522506	7.87	211640	9.93
UPPER LIMIT		1278982	5.29	1045012	8.37	423280	10.43
LOWER LIMIT		319746	4.29	261253	7.37	105820	9.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-53087/2		628378	4.79	506341	7.87	203781	9.93
MB 220-53087/3		658285	4.79	522036	7.87	198788	9.93
220-16030-1	SB142B_2-3	596003	4.79	481094	7.86	189574	9.92
220-16030-2	SB142B_3-4	657712	4.79	549954	7.86	215934	9.92
220-16030-3	SB142B_22-22.5	625570	4.79	518070	7.87	206418	9.92
220-16030-4	SB-143 3-4	678005	4.79	552801	7.87	226407	9.92
220-16030-5	SB-143 32-33	660447	4.79	544443	7.87	207027	9.92

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53146/1 Date Analyzed: 07/20/2011 10:17

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): O4950.D Heated Purge: (Y/N) Y

Calibration ID: 11264

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		210464	3.80	154452	7.20	67727	9.31
UPPER LIMIT		420928	4.30	308904	7.70	135454	9.81
LOWER LIMIT		105232	3.30	77226	6.70	33864	8.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-53146/2		219832	3.79	156427	7.21	68353	9.30
MB 220-53146/3		215446	3.79	148097	7.21	58056	9.30
220-16030-6	SB-143 39-40	206253	3.80	145650	7.21	60974	9.31
220-16030-7	DUP071411	192642	3.79	139223	7.21	55872	9.30
220-16030-6 MS	SB-143 39-40 MS	184103	3.79	136818	7.21	64309	9.30
220-16030-6 MSD	SB-143 39-40 MSD	189523	3.79	139706	7.20	64678	9.30

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53093/1 Date Analyzed: 07/20/2011 09:45

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V2399.D Heated Purge: (Y/N) N

Calibration ID: 11462

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		273944	4.84	225330	8.58	144156	11.03
UPPER LIMIT		547888	5.34	450660	9.08	288312	11.53
LOWER LIMIT		136972	4.34	112665	8.08	72078	10.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-53093/2		287114	4.84	224211	8.58	148196	11.03
MB 220-53093/3		251782	4.84	207777	8.58	115243	11.03
220-16030-8	FB-1	325242	4.84	256288	8.58	152329	11.03
220-16030-9	FB-2	316869	4.84	252914	8.58	147549	11.03
220-16030-10	Trip Blank	292303	4.84	239706	8.58	138499	11.03

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 Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: N3873.D

Analysis Method: 8260B | Date Collected: 07/13/2011 09:45

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 18:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	15	J B	23	2.5
71-43-2	Benzene	5.6	U	5.6	0.64
75-27-4	Bromodichloromethane	5.6	U	5.6	0.34
75-25-2	Bromoform	5.6	U	5.6	0.69
74-83-9	Bromomethane	5.6	U *	5.6	2.3
78-93-3	Methyl Ethyl Ketone	11	U	11	1.8
75-15-0	Carbon disulfide	0.76	J	5.6	0.46
56-23-5	Carbon tetrachloride	5.6	U	5.6	1.1
108-90-7	Chlorobenzene	5.6	U	5.6	0.66
75-00-3	Chloroethane	5.6	U	5.6	1.1
67-66-3	Chloroform	5.6	U	5.6	0.38
74-87-3	Chloromethane	5.6	U	5.6	0.88
124-48-1	Dibromochloromethane	5.6	U	5.6	0.39
75-34-3	1,1-Dichloroethane	5.6	U	5.6	0.34
107-06-2	1,2-Dichloroethane	5.6	U	5.6	0.65
75-35-4	1,1-Dichloroethene	0.85	J	5.6	0.65
78-87-5	1,2-Dichloropropane	5.6	U	5.6	0.75
10061-01-5	cis-1,3-Dichloropropene	5.6	U	5.6	0.63
10061-02-6	trans-1,3-Dichloropropene	5.6	U	5.6	0.30
100-41-4	Ethylbenzene	5.6	U	5.6	0.79
591-78-6	2-Hexanone	11	U	11	1.4
75-09-2	Methylene Chloride	6.8	J B	23	1.2
108-10-1	methyl isobutyl ketone	5.6	U	5.6	0.62
100-42-5	Styrene	5.6	U	5.6	0.17
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	5.6	0.59
127-18-4	Tetrachloroethene	5.6	U	5.6	0.91
108-88-3	Toluene	0.42	J	5.6	0.083
71-55-6	1,1,1-Trichloroethane	2.2	J	5.6	0.60
79-00-5	1,1,2-Trichloroethane	5.6	U	5.6	0.42
79-01-6	Trichloroethene	5.6	U	5.6	0.91
75-01-4	Vinyl chloride	5.6	U	5.6	0.26
1330-20-7	Xylenes, Total	2.2	J	5.6	0.55
156-59-2	cis-1,2-Dichloroethene	5.6	U	5.6	0.42
156-60-5	trans-1,2-Dichloroethene	5.6	U	5.6	0.44

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 Lab Sample ID: 220-16030-1

Matrix: Solid Lab File ID: N3873.D

Analysis Method: 8260B Date Collected: 07/13/2011 09:45

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 18:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		59-132
460-00-4	4-Bromofluorobenzene	113		34-124
1868-53-7	Dibromofluoromethane	82		59-123
2037-26-5	Toluene-d8 (Surr)	92		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3873.D
Lab Smp Id: 220-16030-A-1 Client Smp ID: SB142B_2-3
Inj Date : 19-JUL-2011 18:40 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-1
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	596003	25.0000	
	14 1,1-Dichloroethene	96	1.913	1.912	(0.399)	4964	0.75138	0.8
	15 Carbon Disulfide	76	1.943	1.941	(0.406)	18754	0.67670	0.7
	20 Methylene Chloride	84	2.268	2.266	(0.474)	68451	6.04168	6
	21 Acetone	43	2.288	2.296	(0.478)	83447	13.6377	14
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	181611	20.5489	20
	44 1,1,1-Trichloroethane	97	3.844	3.853	(0.803)	19002	1.96320	2
$	55 1,2-Dichloroethane-d4	65	4.455	4.463	(0.930)	165811	21.2961	21
*	75 Chlorobenzene-d5	117	7.864	7.872	(1.000)	481094	25.0000	
	76 Toluene	91	6.484	6.493	(0.825)	11813	0.37124	0.4
$	77 Toluene-d8	98	6.435	6.443	(0.818)	636997	23.0017	23
	91 Xylene (total)mp	106	8.061	8.059	(1.025)	15655	1.13713	1
	92 Xylene (total)o	106	8.435	8.434	(1.073)	10612	0.80850	0.8
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	189574	25.0000	
	96 Isopropylbenzene	105	8.711	8.719	(0.878)	14784	0.47780	0.5
	99 4-Ethyltoluene	105	9.164	9.182	(0.924)	138450	4.30666	4
	102 n-Propylbenzene	91	9.075	9.084	(0.915)	26625	0.68916	0.7
	103 2-Chlorotoluene	91	9.164	9.202	(0.924)	29525	1.18297	1
	105 1,3,5-Trimethylbenzene	105	9.253	9.261	(0.932)	103135	4.06443	4
	106 tert-Butylbenzene	119	9.529	9.527	(0.960)	11157	0.50156	0.5
	107 1,2,4-Trimethylbenzene	105	9.588	9.596	(0.966)	223320	8.78209	9

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
	108 sec-Butylbenzene	105	9.676	9.685	(0.975)	37207	1.05080	1
	109 4-Isopropyltoluene	119	9.814	9.813	(0.989)	292055	10.5365	10
	114 1,4-Diethylbenzene	119	10.149	10.138	(1.023)	154034	11.3308	11
	118 1,2,4,5-Tetramethylbenzene	119	10.829	10.837	(1.091)	55838	2.54763	2
	123 Naphthalene	128	11.873	11.882	(1.197)	17691919	815.419	820(A)
$	125 Bromofluorobenzene	95	8.947	8.956	(0.902)	267805	28.3706	28
M	127 Xylene (total)	100				26267	1.94563	2

QC Flag Legend

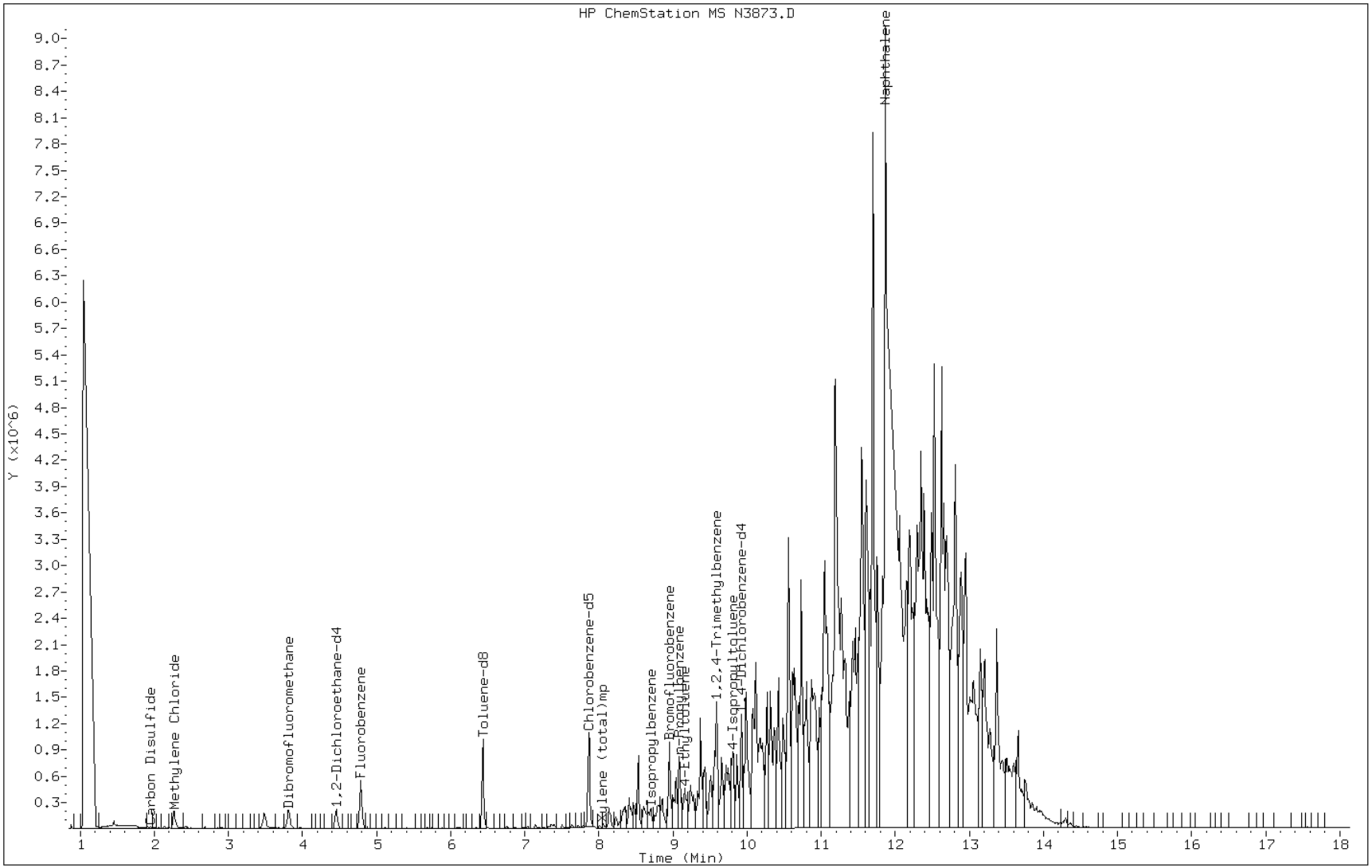
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT



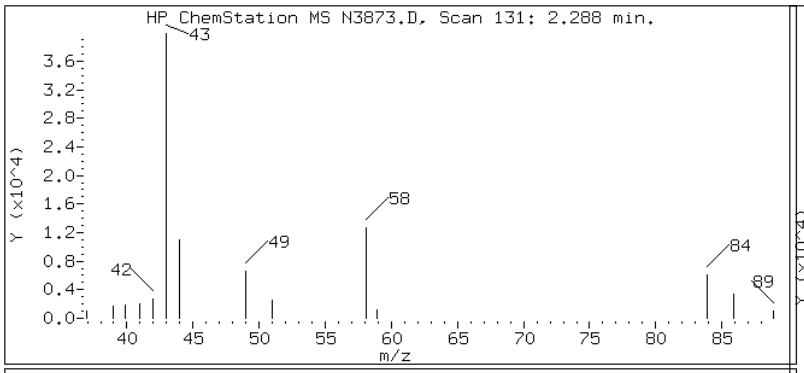
Data File: N3873.D

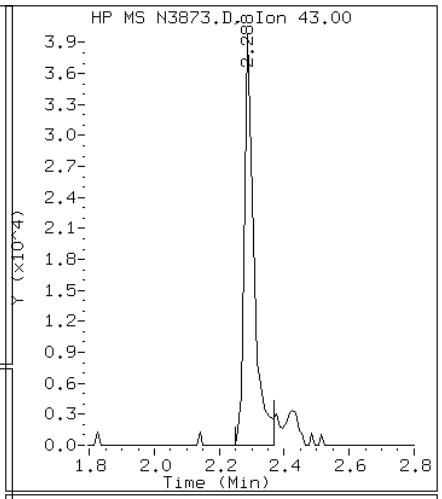
Date: 19-JUL-2011 18:40

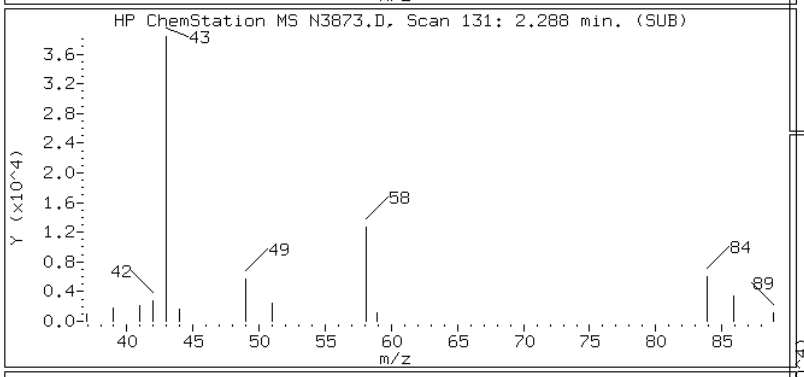
Client ID: SB142B_2-3 Instrument: msn.i

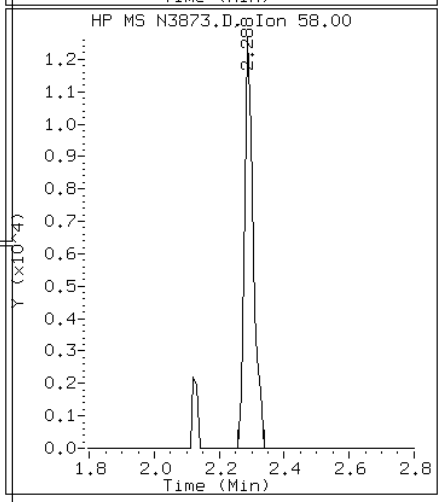
Sample Info: 220-16030-A-1 Operator: D. HUMBERT

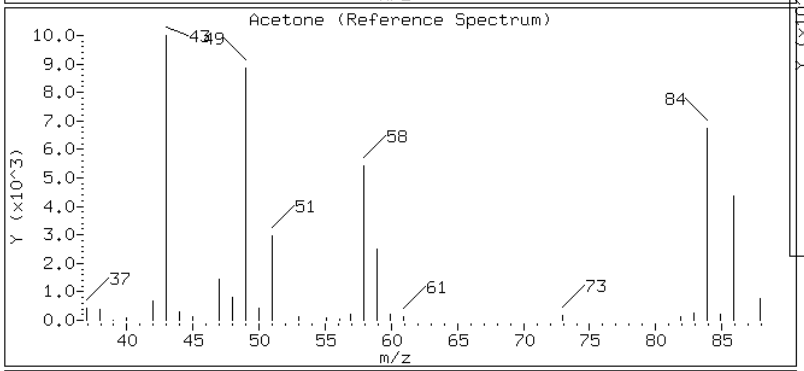
21 Acetone

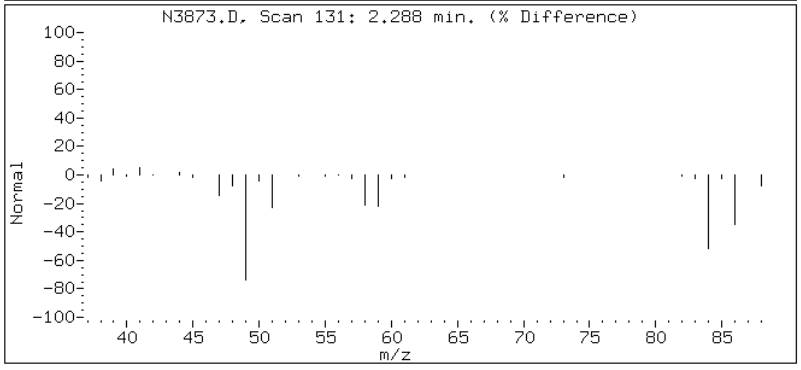












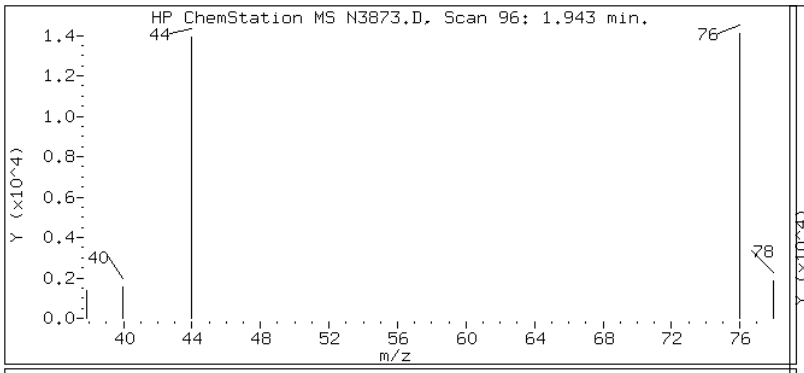
Data File: N3873.D

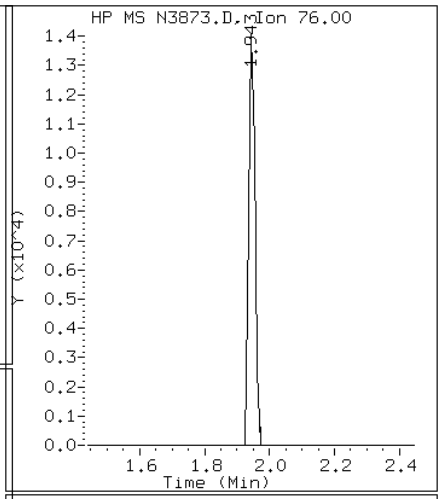
Date: 19-JUL-2011 18:40

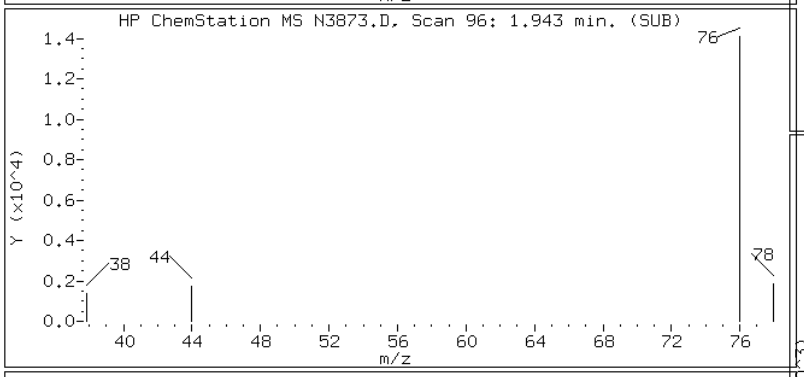
Client ID: SB142B_2-3 Instrument: msn.i

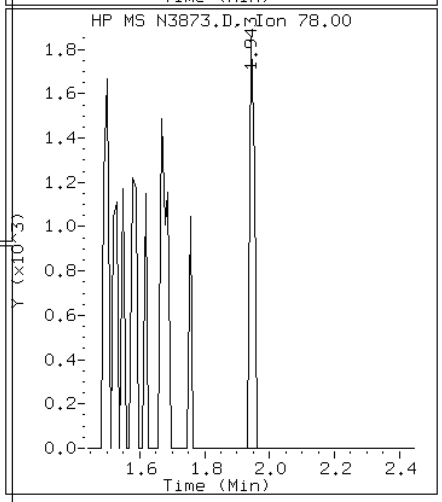
Sample Info: 220-16030-A-1 Operator: D. HUMBERT

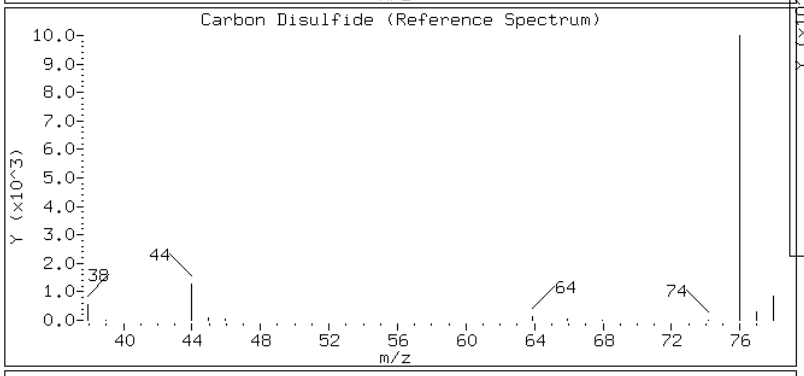
15 Carbon Disulfide

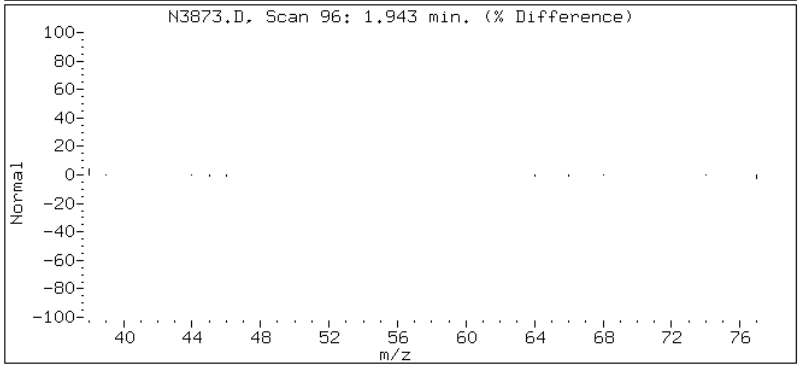












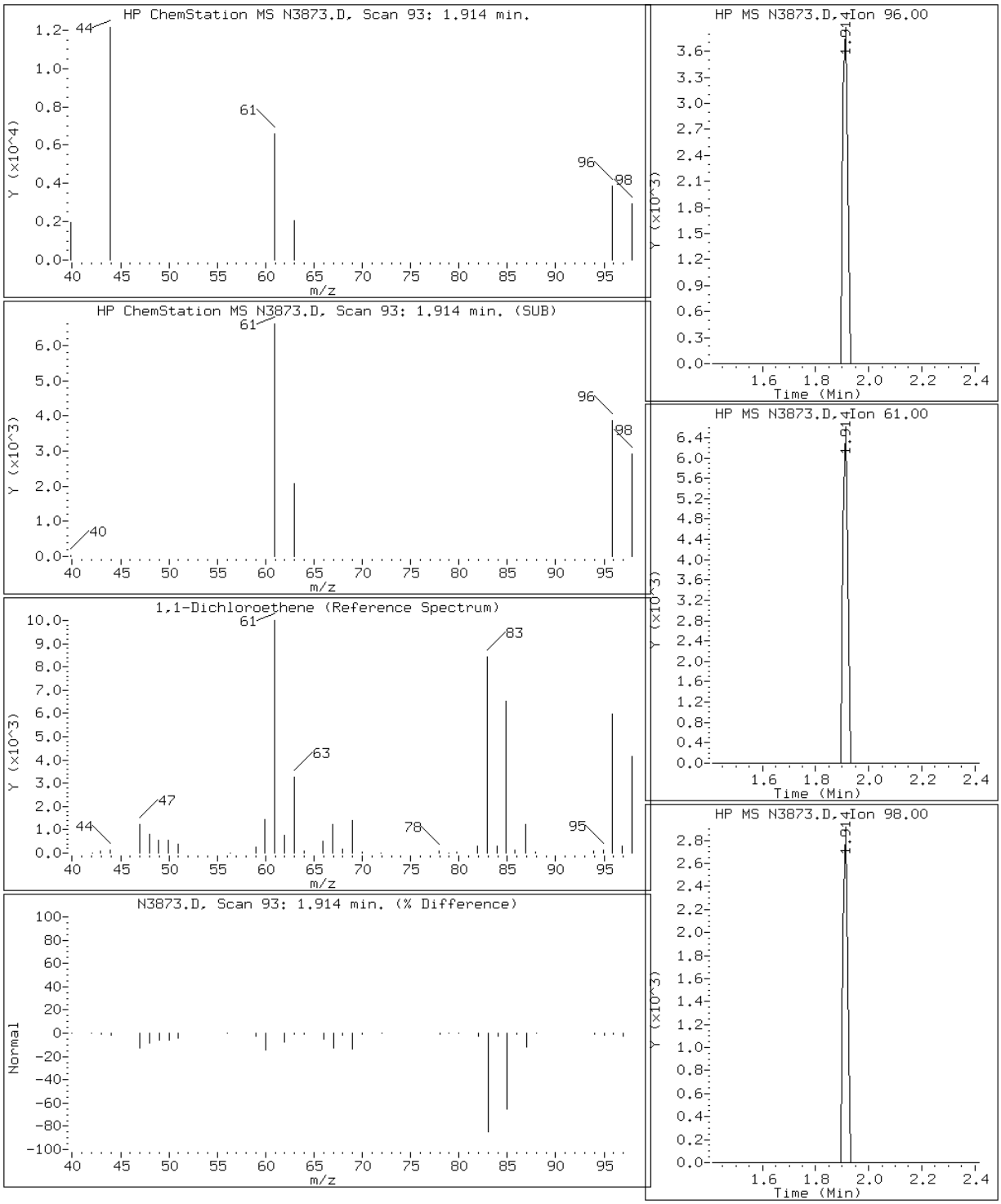
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

14 1,1-Dichloroethene



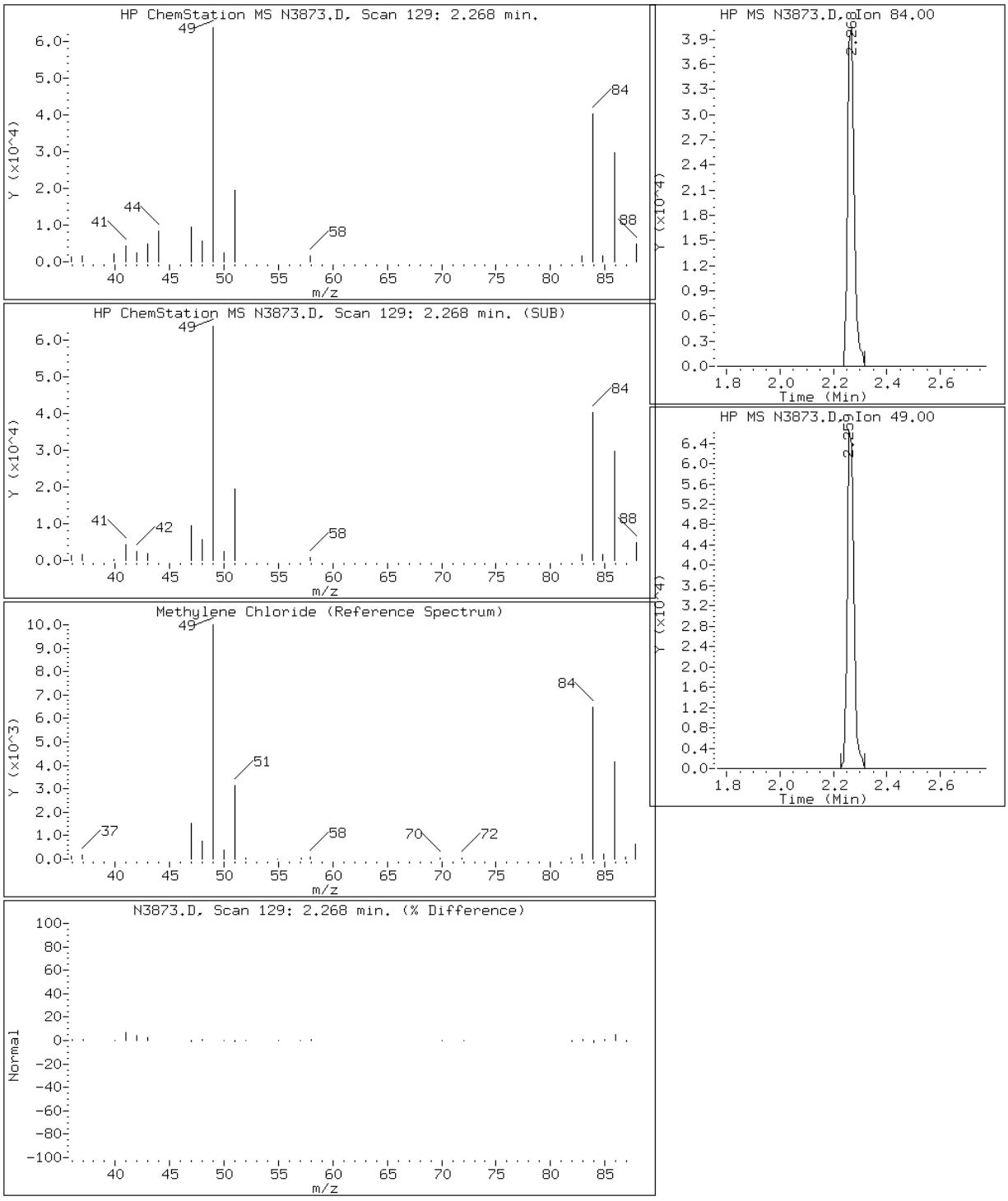
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

20 Methylene Chloride



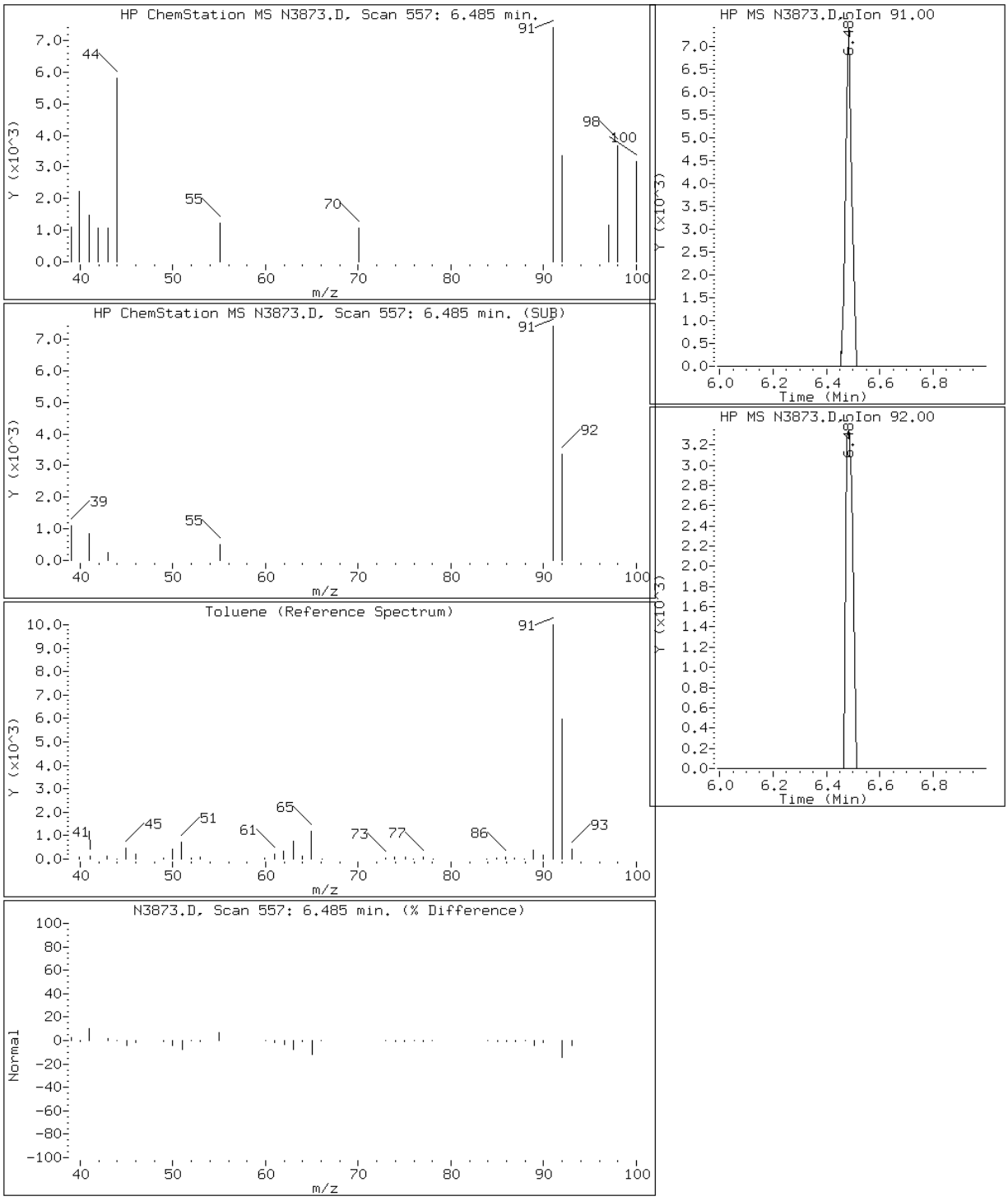
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

76 Toluene



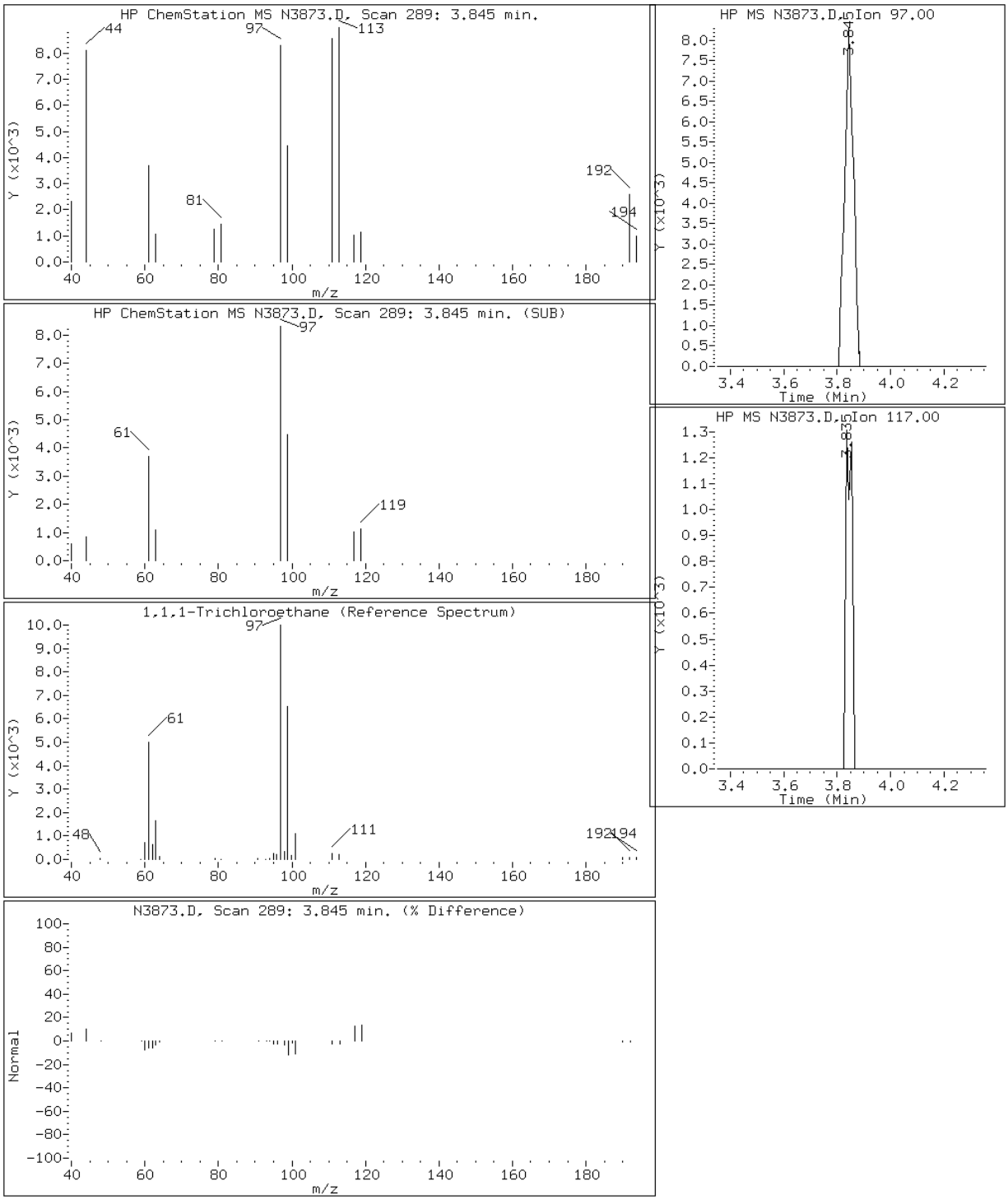
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

44 1,1,1-Trichloroethane



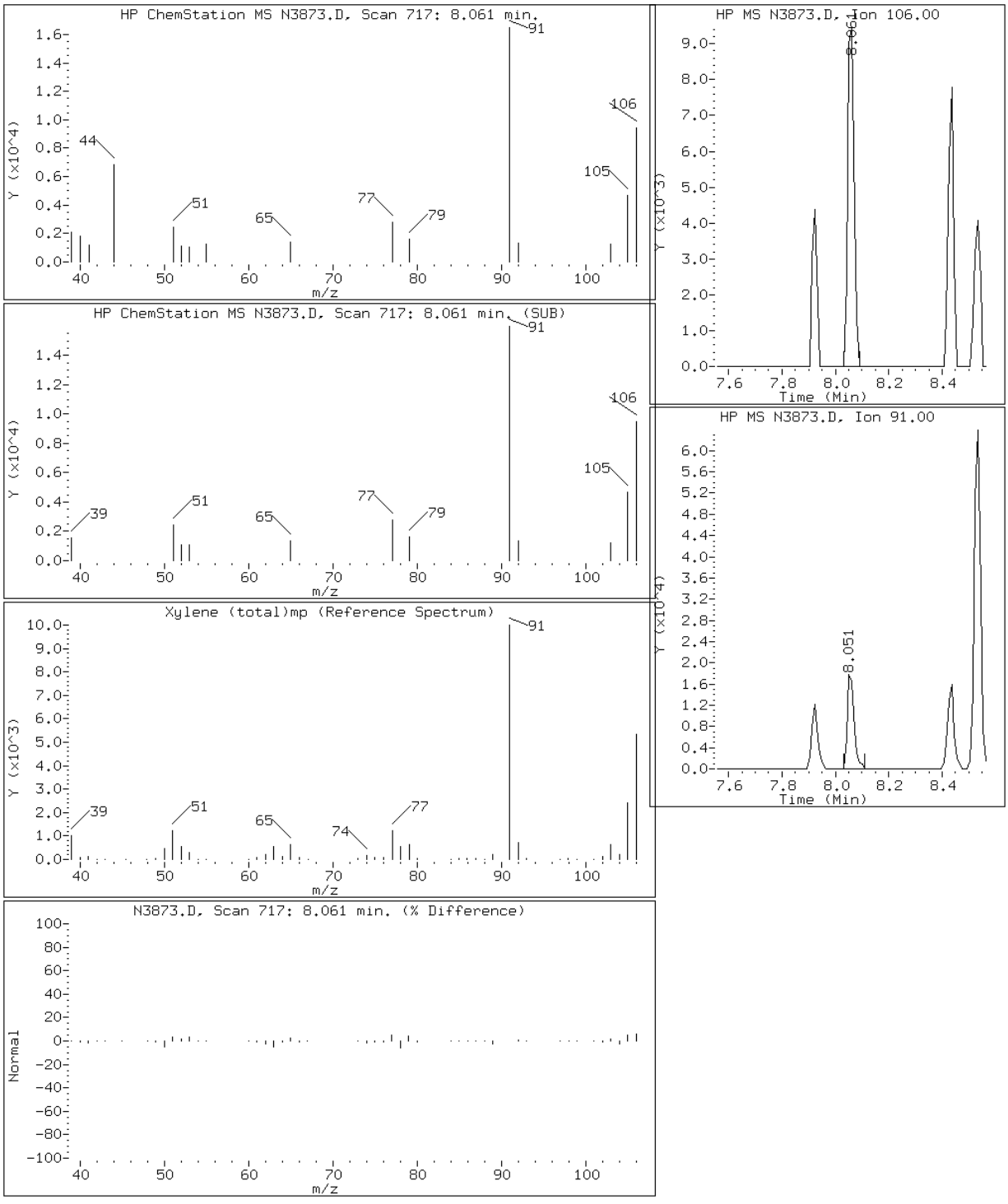
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

91 Xylene (total)mp



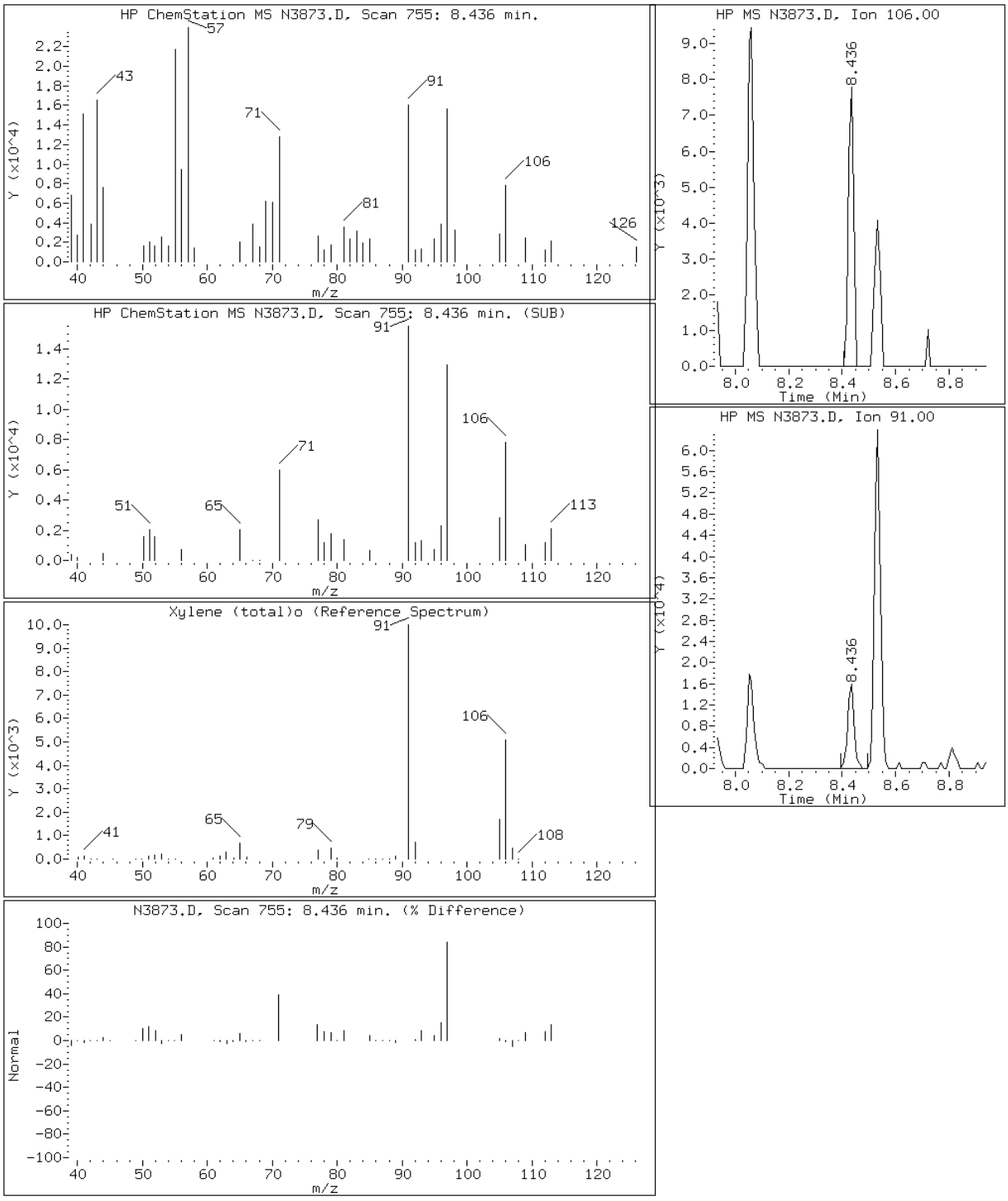
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

92 Xylene (total)o



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: N3874.D

Analysis Method: 8260B | Date Collected: 07/13/2011 10:00

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 19:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 12.4 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	9.0	J B	23	2.6
71-43-2	Benzene	3.5	J	5.7	0.65
75-27-4	Bromodichloromethane	5.7	U	5.7	0.34
75-25-2	Bromoform	5.7	U	5.7	0.70
74-83-9	Bromomethane	5.7	U *	5.7	2.4
78-93-3	Methyl Ethyl Ketone	11	U	11	1.8
75-15-0	Carbon disulfide	5.7	U	5.7	0.47
56-23-5	Carbon tetrachloride	5.7	U	5.7	1.1
108-90-7	Chlorobenzene	5.7	U	5.7	0.67
75-00-3	Chloroethane	5.7	U	5.7	1.1
67-66-3	Chloroform	5.7	U	5.7	0.39
74-87-3	Chloromethane	5.7	U	5.7	0.89
124-48-1	Dibromochloromethane	5.7	U	5.7	0.40
75-34-3	1,1-Dichloroethane	5.7	U	5.7	0.34
107-06-2	1,2-Dichloroethane	5.7	U	5.7	0.66
75-35-4	1,1-Dichloroethene	5.7	U	5.7	0.66
78-87-5	1,2-Dichloropropane	5.7	U	5.7	0.76
10061-01-5	cis-1,3-Dichloropropene	5.7	U	5.7	0.64
10061-02-6	trans-1,3-Dichloropropene	5.7	U	5.7	0.31
100-41-4	Ethylbenzene	5.7	U	5.7	0.80
591-78-6	2-Hexanone	11	U	11	1.4
75-09-2	Methylene Chloride	6.7	J B	23	1.2
108-10-1	methyl isobutyl ketone	5.7	U	5.7	0.63
100-42-5	Styrene	5.7	U	5.7	0.17
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	5.7	0.59
127-18-4	Tetrachloroethene	5.7	U	5.7	0.92
108-88-3	Toluene	0.16	J	5.7	0.084
71-55-6	1,1,1-Trichloroethane	5.7	U	5.7	0.60
79-00-5	1,1,2-Trichloroethane	5.7	U	5.7	0.42
79-01-6	Trichloroethene	5.7	U	5.7	0.92
75-01-4	Vinyl chloride	5.7	U	5.7	0.26
1330-20-7	Xylenes, Total	5.7	U	5.7	0.55
156-59-2	cis-1,2-Dichloroethene	5.7	U	5.7	0.42
156-60-5	trans-1,2-Dichloroethene	5.7	U	5.7	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 Lab Sample ID: 220-16030-2

Matrix: Solid Lab File ID: N3874.D

Analysis Method: 8260B Date Collected: 07/13/2011 10:00

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 19:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 12.4 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		59-132
460-00-4	4-Bromofluorobenzene	100		34-124
1868-53-7	Dibromofluoromethane	85		59-123
2037-26-5	Toluene-d8 (Surr)	89		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3874.D
Lab Smp Id: 220-16030-A-2 Client Smp ID: SB142B_3-4
Inj Date : 19-JUL-2011 19:06 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-2
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

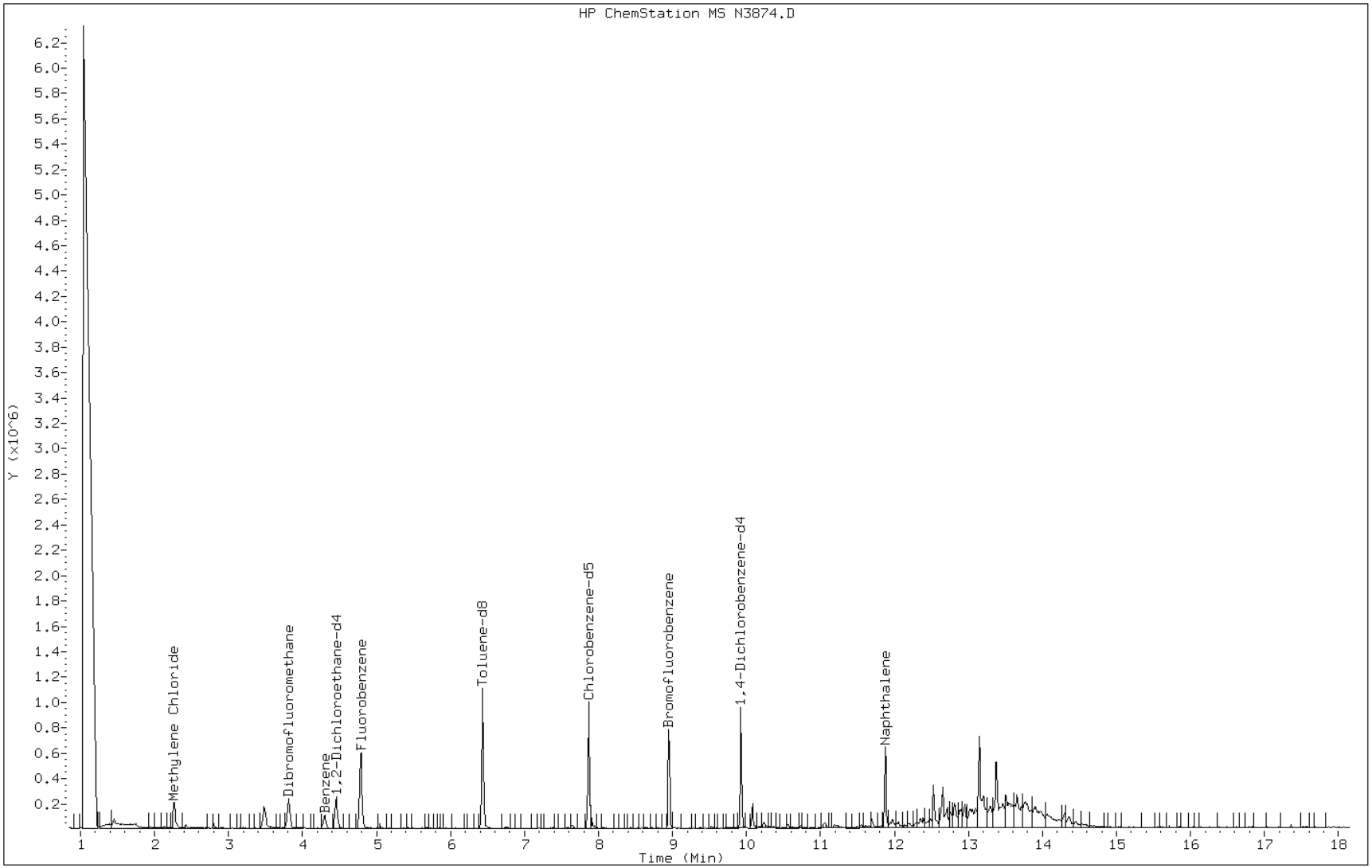
		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
*	1 Fluorobenzene	96	4.791	4.788	(1.000)	657712	25.0000	
	20 Methylene Chloride	84	2.269	2.266	(0.474)	73317	5.86402	6
	21 Acetone	43	2.288	2.296	(0.478)	53226	7.88253	8
$	41 Dibromofluoromethane	111	3.806	3.813	(0.794)	207758	21.3018	21
	52 Benzene	78	4.298	4.306	(0.897)	108707	3.07986	3
$	55 1,2-Dichloroethane-d4	65	4.456	4.463	(0.930)	180931	21.0577	21
*	75 Chlorobenzene-d5	117	7.864	7.872	(1.000)	549954	25.0000	
	76 Toluene	91	6.485	6.493	(0.825)	4952	0.13614	0.1
$	77 Toluene-d8	98	6.436	6.443	(0.818)	706762	22.3254	22
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	215934	25.0000	
	123 Naphthalene	128	11.874	11.882	(1.197)	400187	16.1930	16
$	125 Bromofluorobenzene	95	8.948	8.956	(0.902)	268817	25.0014	25

Data File: N3874.D

Date: 19-JUL-2011 19:06

Client ID: SB142B_3-4 Instrument: msn.i

Sample Info: 220-16030-A-2 Operator: D. HUMBERT



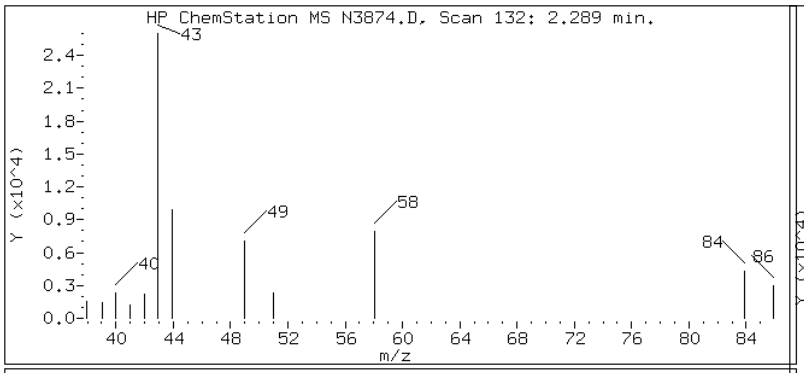
Data File: N3874.D

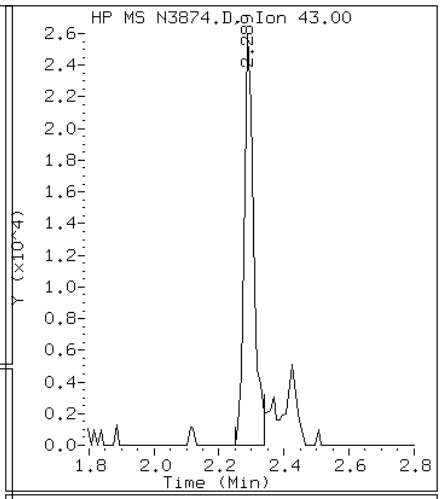
Date: 19-JUL-2011 19:06

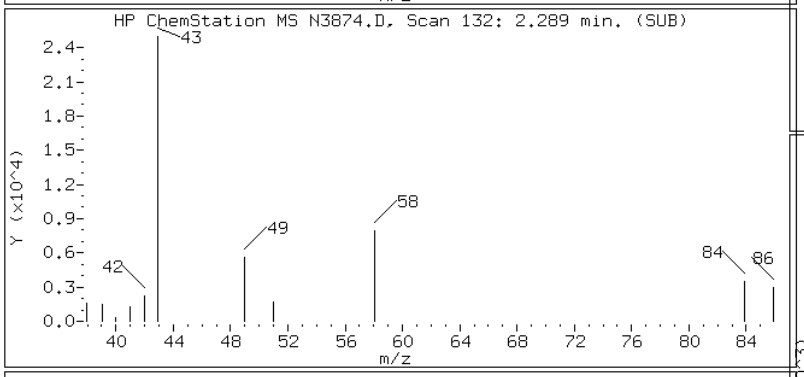
Client ID: SB142B_3-4 Instrument: msn.i

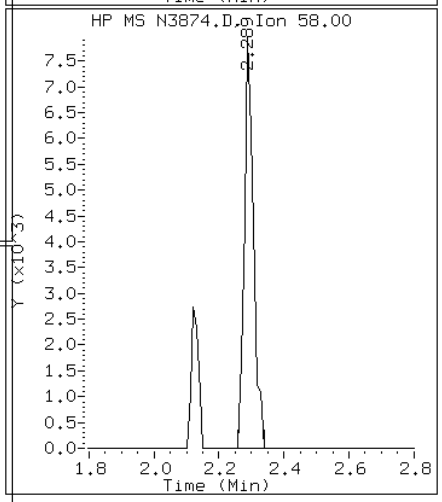
Sample Info: 220-16030-A-2 Operator: D. HUMBERT

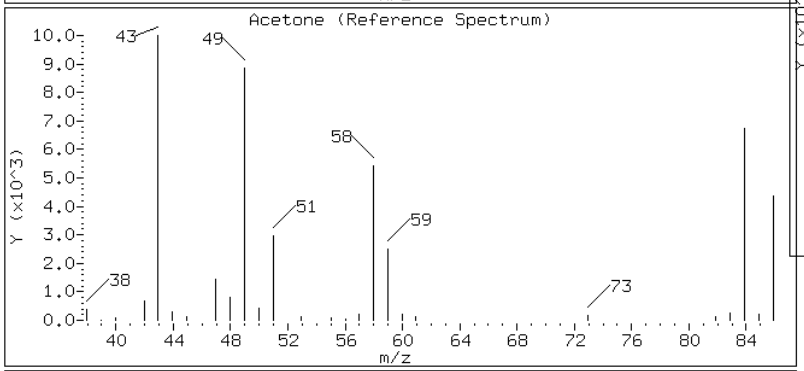
21 Acetone

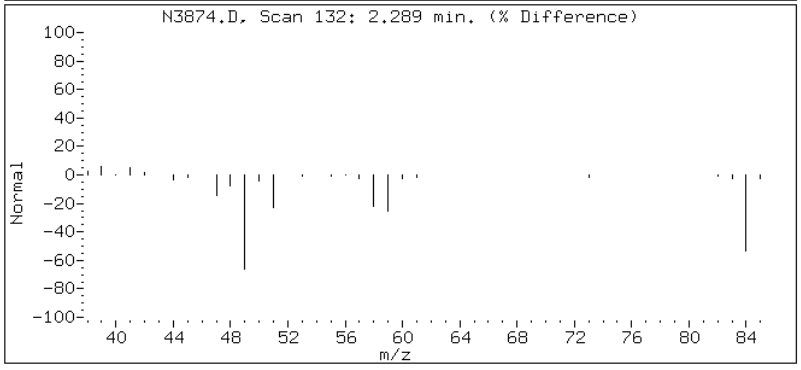












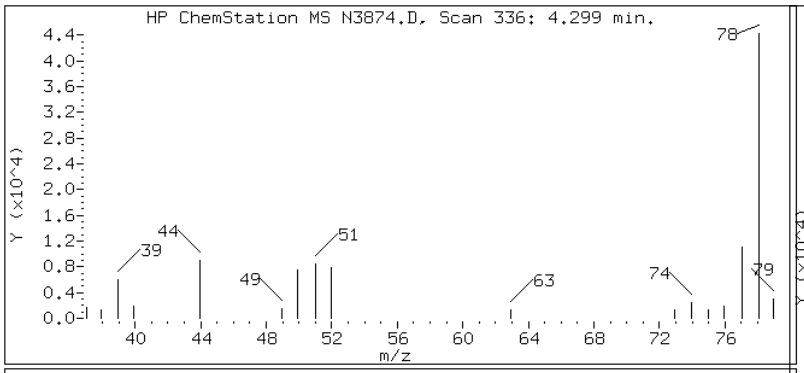
Data File: N3874.D

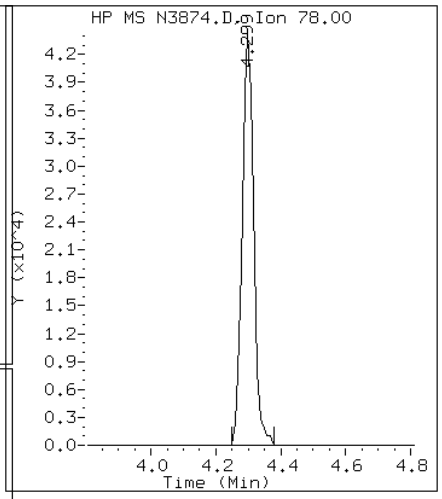
Date: 19-JUL-2011 19:06

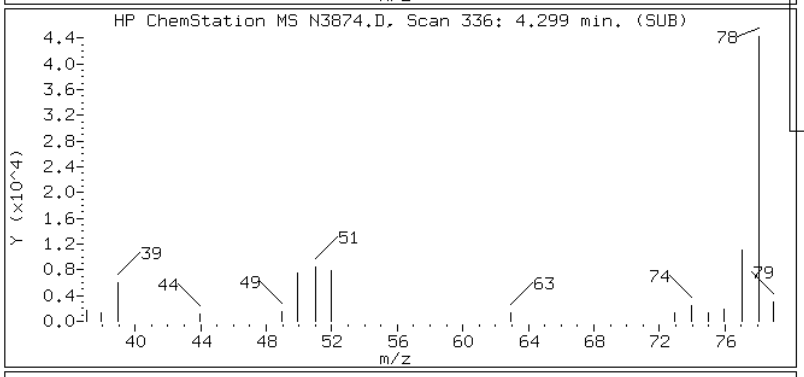
Client ID: SB142B_3-4 Instrument: msn.i

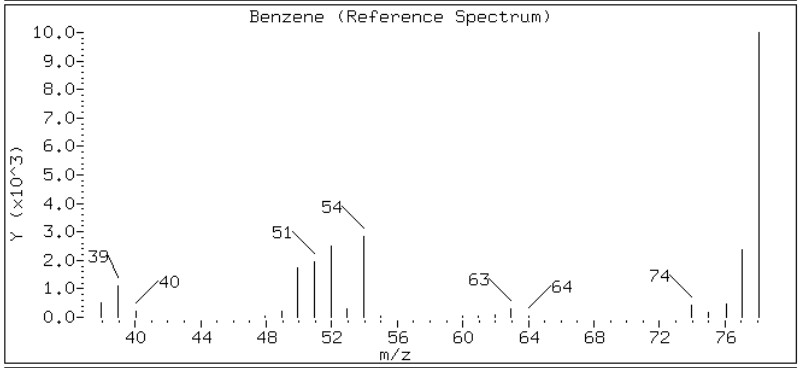
Sample Info: 220-16030-A-2 Operator: D. HUMBERT

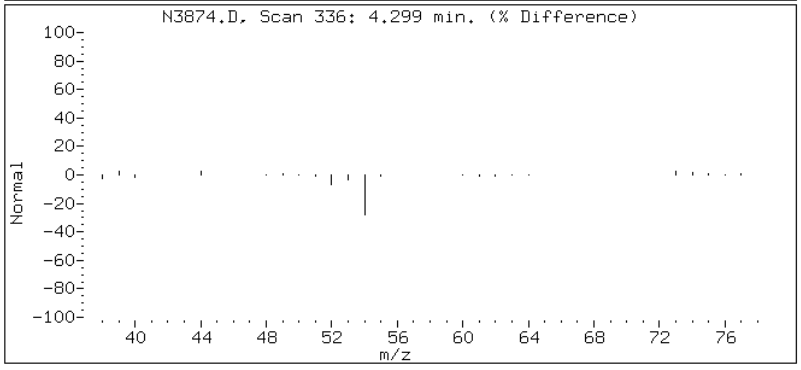
52 Benzene











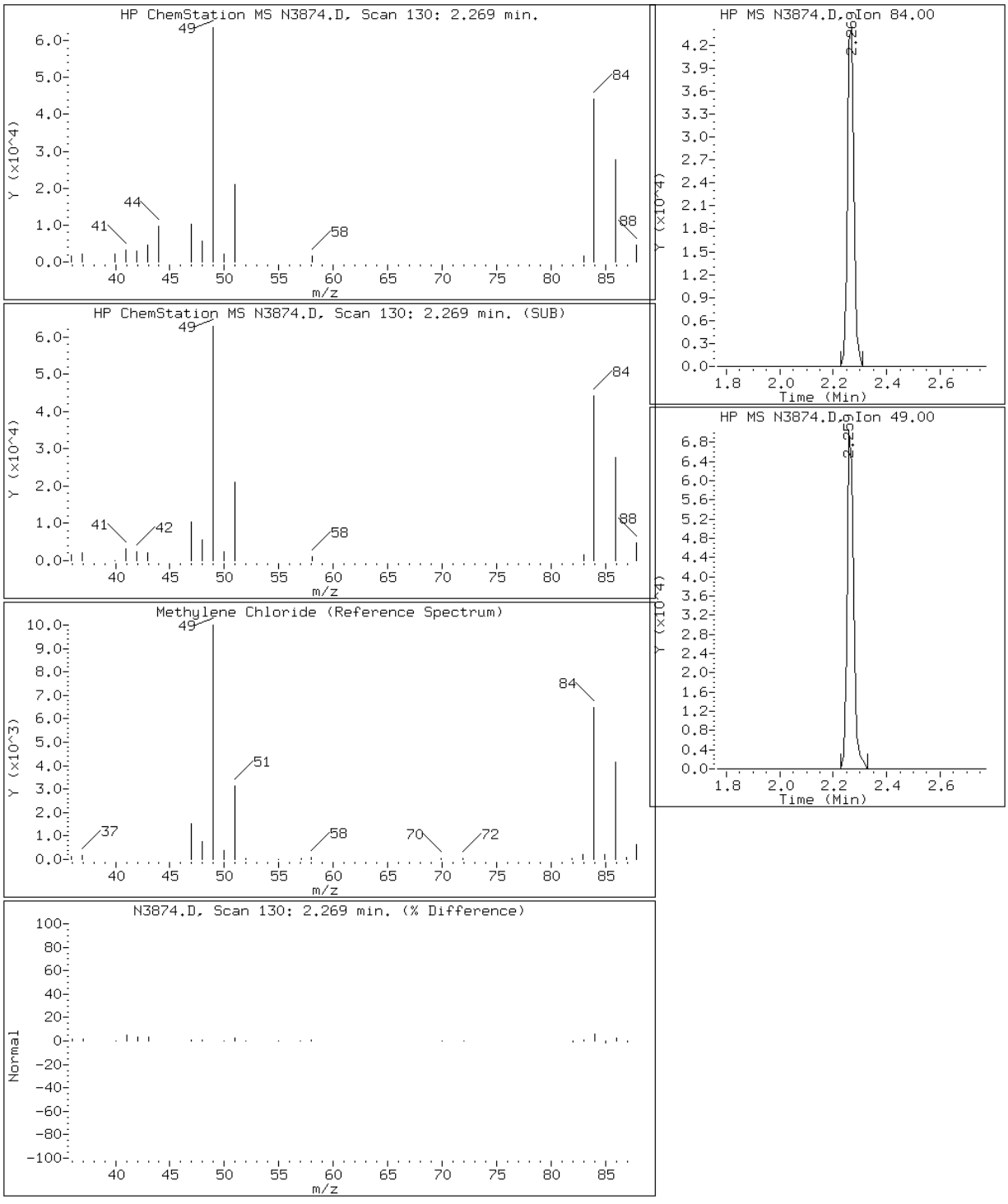
Data File: N3874.D

Date: 19-JUL-2011 19:06

Client ID: SB142B_3-4 Instrument: msn.i

Sample Info: 220-16030-A-2 Operator: D. HUMBERT

20 Methylene Chloride



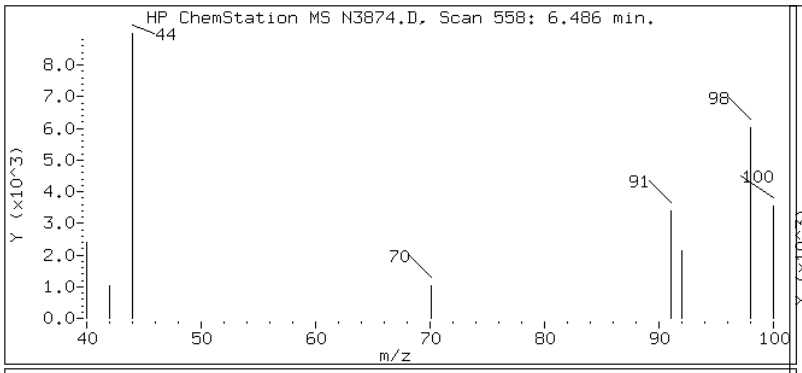
Data File: N3874.D

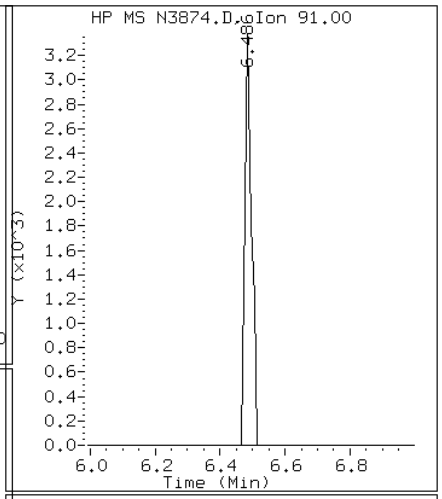
Date: 19-JUL-2011 19:06

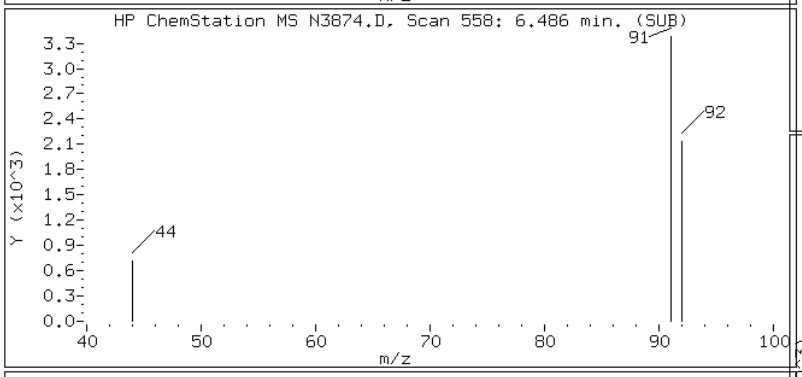
Client ID: SB142B_3-4 Instrument: msn.i

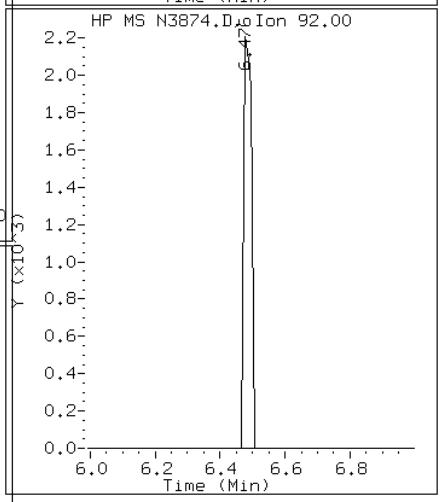
Sample Info: 220-16030-A-2 Operator: D. HUMBERT

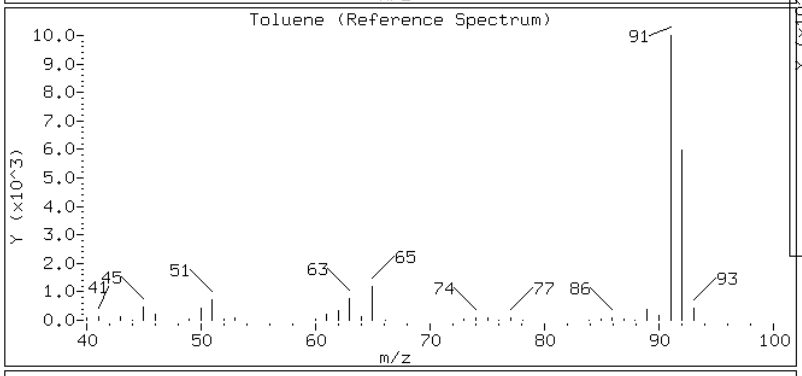
76 Toluene

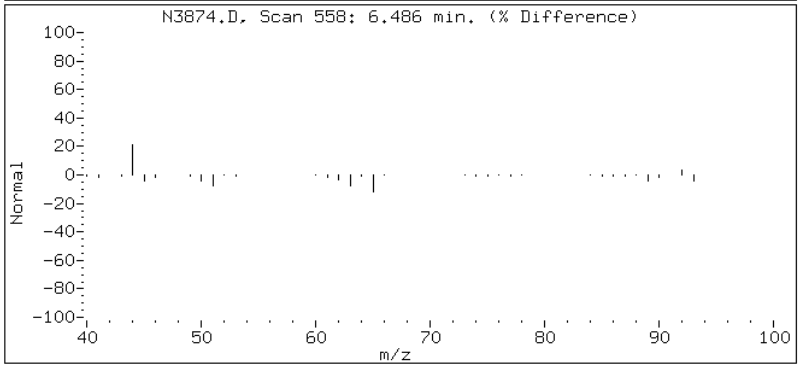












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: N3875.D

Analysis Method: 8260B | Date Collected: 07/14/2011 12:20

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 19:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 28.8 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	7.2	J B	28	3.1
71-43-2	Benzene	7.0	U	7.0	0.80
75-27-4	Bromodichloromethane	7.0	U	7.0	0.42
75-25-2	Bromoform	7.0	U	7.0	0.86
74-83-9	Bromomethane	7.0	U *	7.0	2.9
78-93-3	Methyl Ethyl Ketone	14	U	14	2.2
75-15-0	Carbon disulfide	7.0	U	7.0	0.58
56-23-5	Carbon tetrachloride	7.0	U	7.0	1.3
108-90-7	Chlorobenzene	7.0	U	7.0	0.83
75-00-3	Chloroethane	7.0	U	7.0	1.4
67-66-3	Chloroform	7.0	U	7.0	0.48
74-87-3	Chloromethane	7.0	U	7.0	1.1
124-48-1	Dibromochloromethane	7.0	U	7.0	0.49
75-34-3	1,1-Dichloroethane	7.0	U	7.0	0.42
107-06-2	1,2-Dichloroethane	7.0	U	7.0	0.82
75-35-4	1,1-Dichloroethene	7.0	U	7.0	0.82
78-87-5	1,2-Dichloropropane	7.0	U	7.0	0.94
10061-01-5	cis-1,3-Dichloropropene	7.0	U	7.0	0.79
10061-02-6	trans-1,3-Dichloropropene	7.0	U	7.0	0.38
100-41-4	Ethylbenzene	7.0	U	7.0	0.98
591-78-6	2-Hexanone	14	U	14	1.7
75-09-2	Methylene Chloride	11	J B	28	1.5
108-10-1	methyl isobutyl ketone	7.0	U	7.0	0.77
100-42-5	Styrene	7.0	U	7.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	7.0	U	7.0	0.73
127-18-4	Tetrachloroethene	7.0	U	7.0	1.1
108-88-3	Toluene	0.37	J	7.0	0.10
71-55-6	1,1,1-Trichloroethane	7.0	U	7.0	0.74
79-00-5	1,1,2-Trichloroethane	7.0	U	7.0	0.52
79-01-6	Trichloroethene	7.0	U	7.0	1.1
75-01-4	Vinyl chloride	7.0	U	7.0	0.32
1330-20-7	Xylenes, Total	7.0	U	7.0	0.68
156-59-2	cis-1,2-Dichloroethene	7.0	U	7.0	0.52
156-60-5	trans-1,2-Dichloroethene	7.0	U	7.0	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 Lab Sample ID: 220-16030-3

Matrix: Solid Lab File ID: N3875.D

Analysis Method: 8260B Date Collected: 07/14/2011 12:20

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 19:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 28.8 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		59-132
460-00-4	4-Bromofluorobenzene	100		34-124
1868-53-7	Dibromofluoromethane	86		59-123
2037-26-5	Toluene-d8 (Surr)	92		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3875.D
Lab Smp Id: 220-16030-A-3 Client Smp ID: SB142B_22-22.5
Inj Date : 19-JUL-2011 19:32 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-3
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

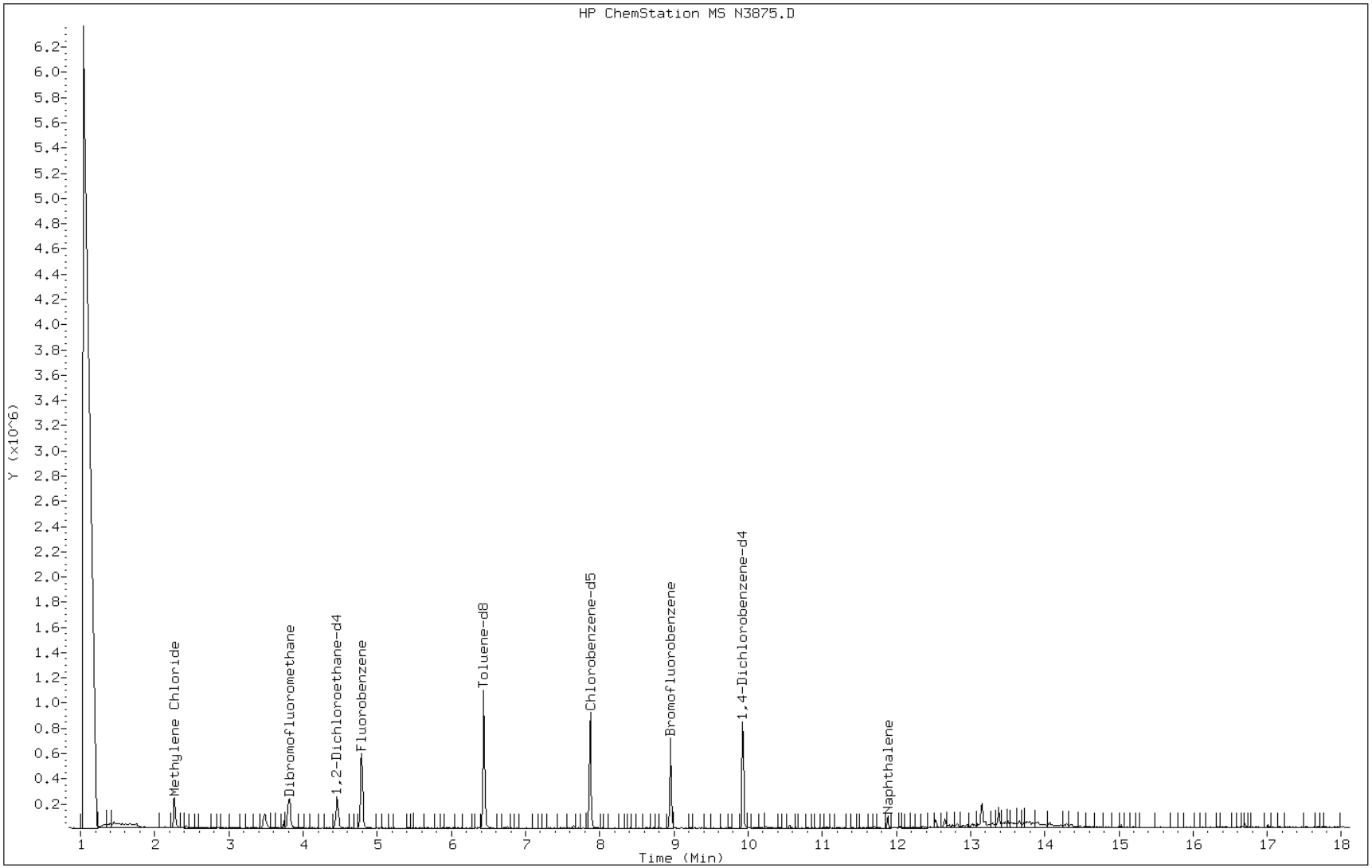
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	625570	25.0000	
	20 Methylene Chloride	84	2.268	2.266	(0.474)	89068	7.48984	7
	21 Acetone	43	2.288	2.296	(0.478)	32991	5.13685	5
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	200544	21.6187	22
$	55 1,2-Dichloroethane-d4	65	4.455	4.463	(0.930)	177521	21.7224	22
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	518070	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	9071	0.26473	0.3
$	77 Toluene-d8	98	6.435	6.443	(0.817)	683078	22.9052	23
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	206418	25.0000	
	123 Naphthalene	128	11.883	11.882	(1.198)	69106	2.92518	3
$	125 Bromofluorobenzene	95	8.957	8.956	(0.903)	257810	25.0831	25

Data File: N3875.D

Date: 19-JUL-2011 19:32

Client ID: SB142B_22-22.5 Instrument: msn.i

Sample Info: 220-16030-A-3 Operator: D. HUMBERT



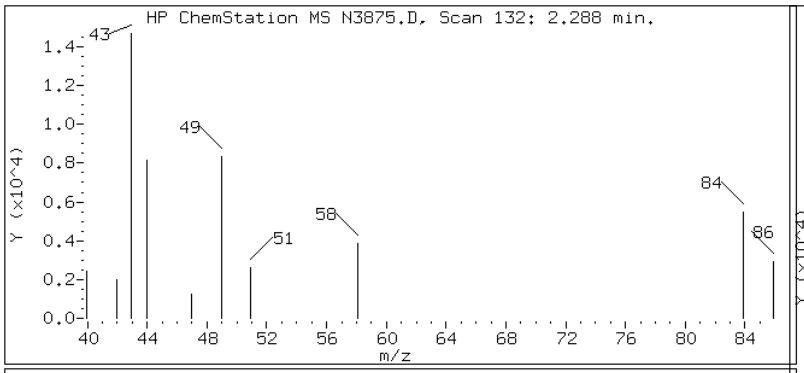
Data File: N3875.D

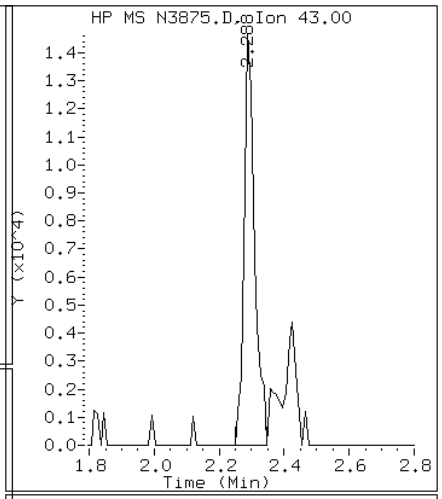
Date: 19-JUL-2011 19:32

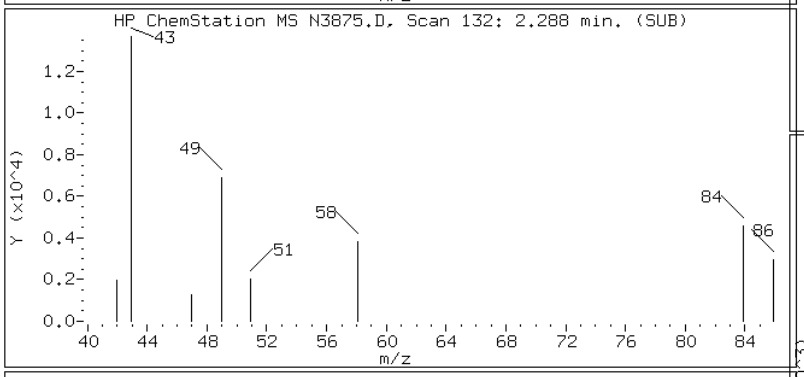
Client ID: SB142B_22-22.5 Instrument: msn.i

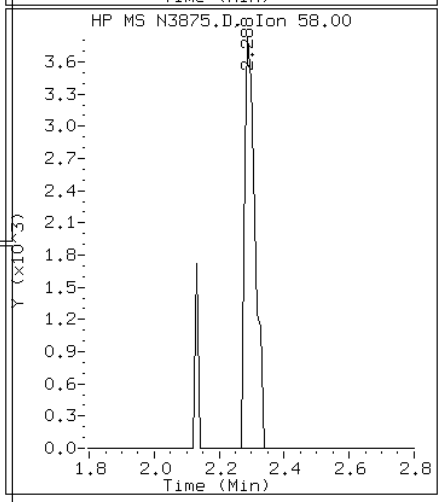
Sample Info: 220-16030-A-3 Operator: D. HUMBERT

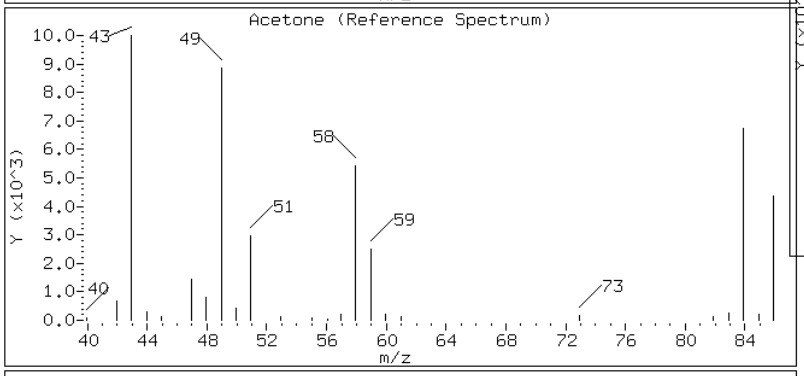
21 Acetone

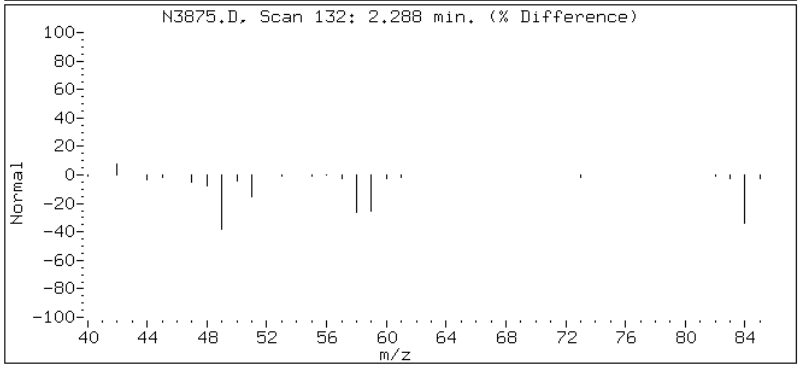












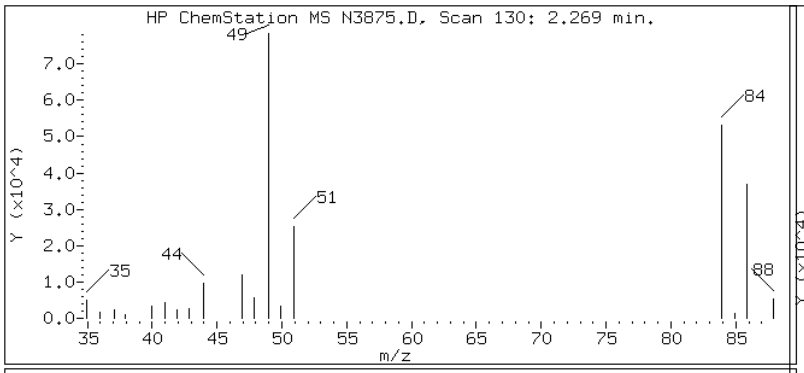
Data File: N3875.D

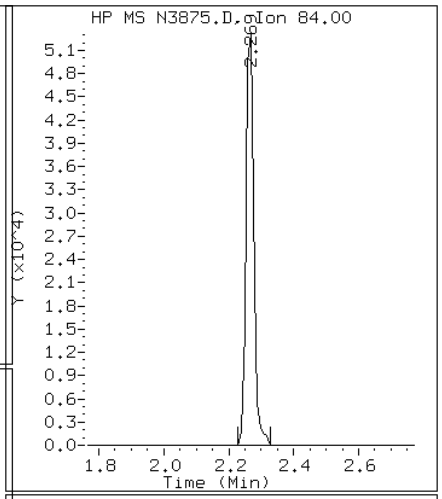
Date: 19-JUL-2011 19:32

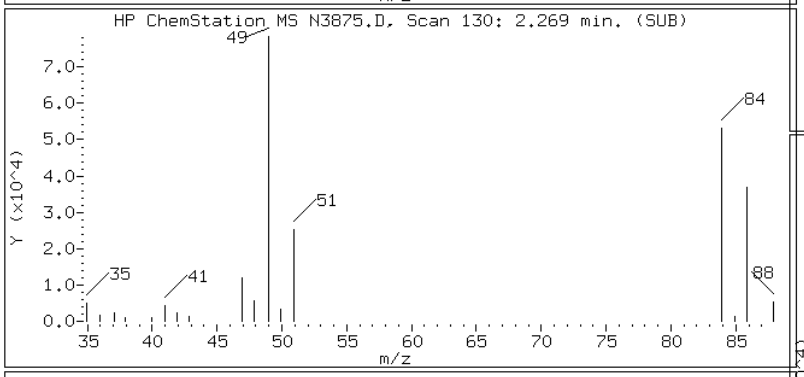
Client ID: SB142B_22-22.5 Instrument: msn.i

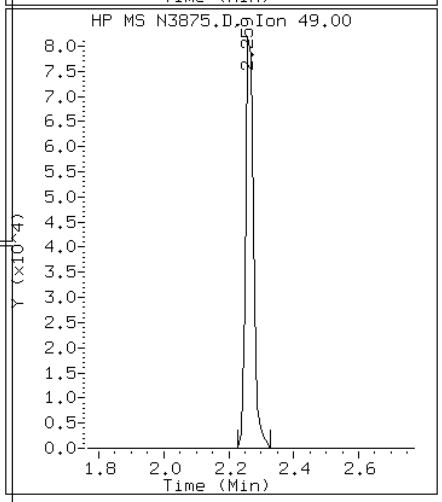
Sample Info: 220-16030-A-3 Operator: D. HUMBERT

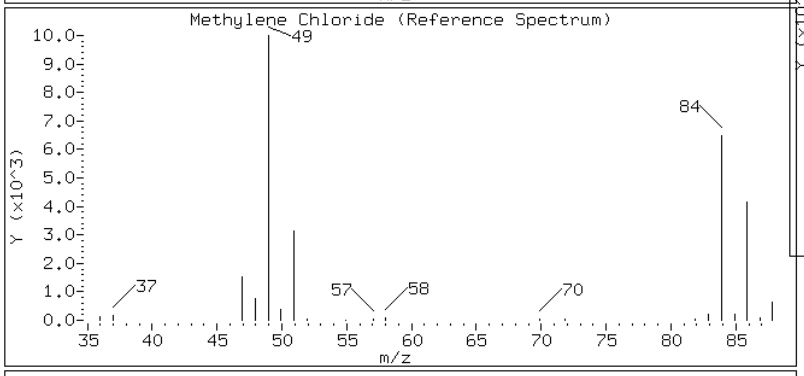
20 Methylene Chloride

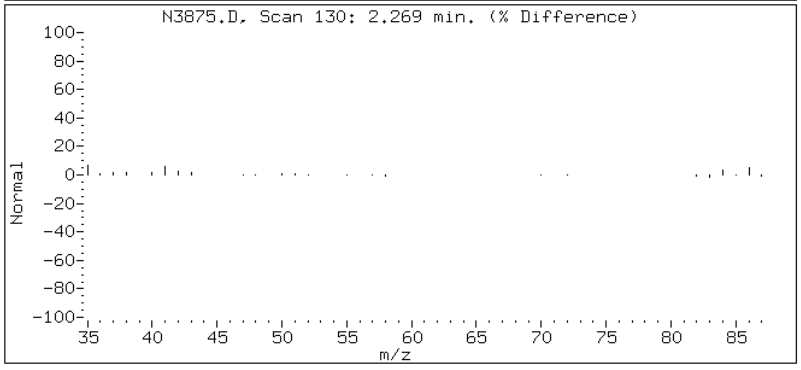












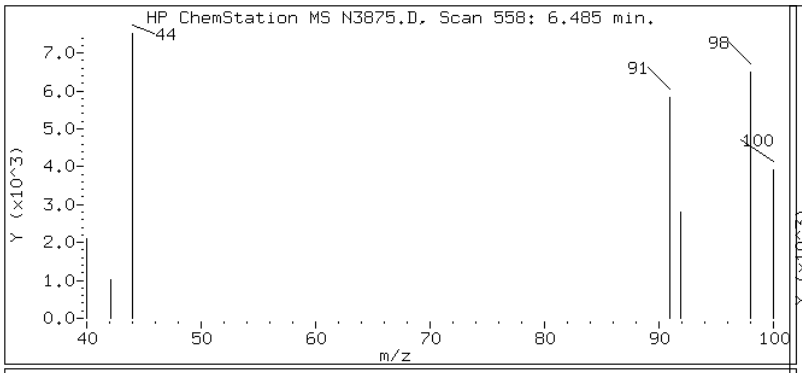
Data File: N3875.D

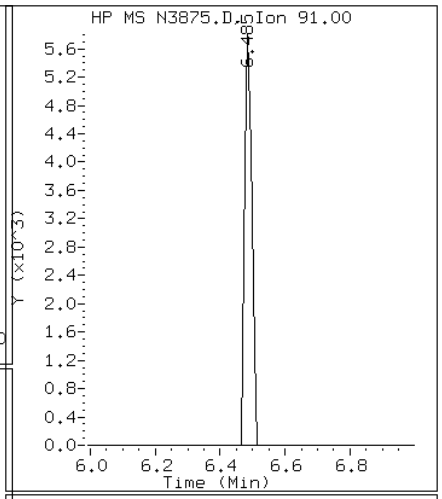
Date: 19-JUL-2011 19:32

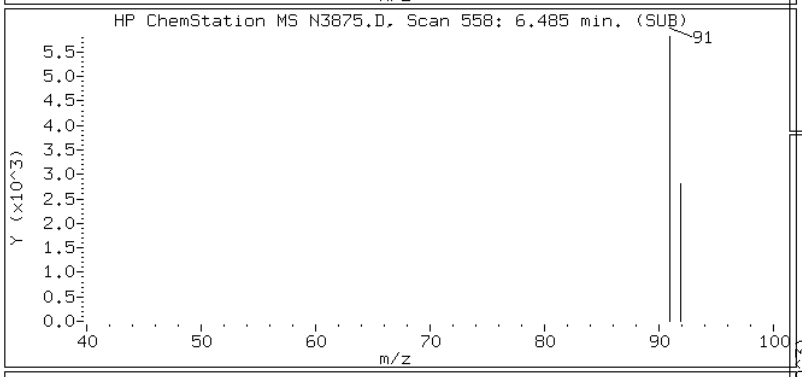
Client ID: SB142B_22-22.5 Instrument: msn.i

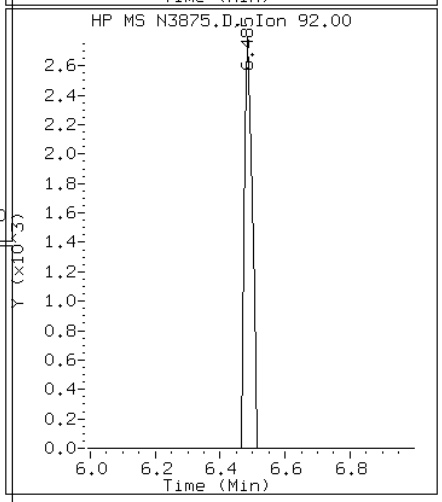
Sample Info: 220-16030-A-3 Operator: D. HUMBERT

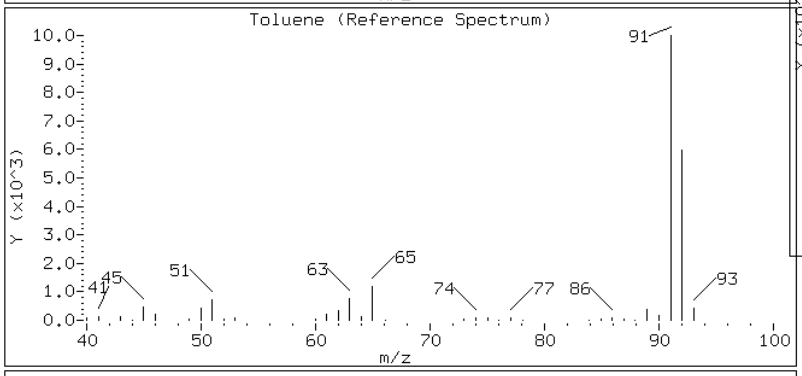
76 Toluene

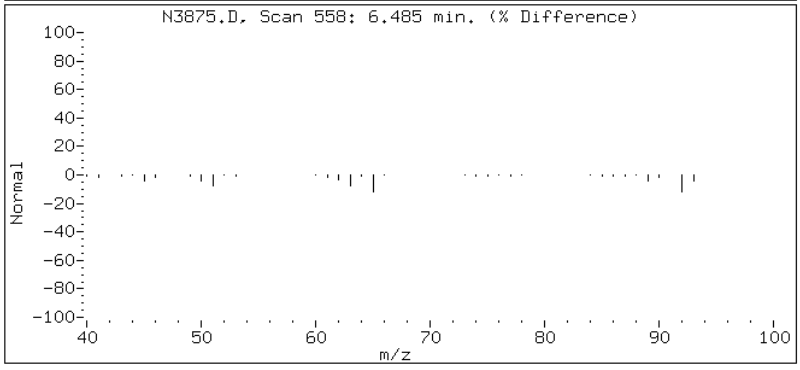












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 | Lab Sample ID: 220-16030-4

Matrix: Solid | Lab File ID: N3876.D

Analysis Method: 8260B | Date Collected: 07/14/2011 15:30

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 19:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 20.0 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.9	J B	25	2.8
71-43-2	Benzene	6.3	U	6.3	0.71
75-27-4	Bromodichloromethane	6.3	U	6.3	0.38
75-25-2	Bromoform	6.3	U	6.3	0.76
74-83-9	Bromomethane	6.3	U *	6.3	2.6
78-93-3	Methyl Ethyl Ketone	13	U	13	2.0
75-15-0	Carbon disulfide	6.3	U	6.3	0.51
56-23-5	Carbon tetrachloride	6.3	U	6.3	1.2
108-90-7	Chlorobenzene	6.3	U	6.3	0.74
75-00-3	Chloroethane	6.3	U	6.3	1.2
67-66-3	Chloroform	6.3	U	6.3	0.43
74-87-3	Chloromethane	6.3	U	6.3	0.98
124-48-1	Dibromochloromethane	6.3	U	6.3	0.44
75-34-3	1,1-Dichloroethane	6.3	U	6.3	0.38
107-06-2	1,2-Dichloroethane	6.3	U	6.3	0.73
75-35-4	1,1-Dichloroethene	6.3	U	6.3	0.73
78-87-5	1,2-Dichloropropane	6.3	U	6.3	0.84
10061-01-5	cis-1,3-Dichloropropene	6.3	U	6.3	0.70
10061-02-6	trans-1,3-Dichloropropene	6.3	U	6.3	0.34
100-41-4	Ethylbenzene	6.3	U	6.3	0.88
591-78-6	2-Hexanone	13	U	13	1.5
75-09-2	Methylene Chloride	8.3	J B	25	1.4
108-10-1	methyl isobutyl ketone	6.3	U	6.3	0.69
100-42-5	Styrene	6.3	U	6.3	0.19
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	6.3	0.65
127-18-4	Tetrachloroethene	6.3	U	6.3	1.0
108-88-3	Toluene	0.15	J	6.3	0.093
71-55-6	1,1,1-Trichloroethane	6.3	U	6.3	0.66
79-00-5	1,1,2-Trichloroethane	6.3	U	6.3	0.46
79-01-6	Trichloroethene	6.3	U	6.3	1.0
75-01-4	Vinyl chloride	6.3	U	6.3	0.29
1330-20-7	Xylenes, Total	6.3	U	6.3	0.61
156-59-2	cis-1,2-Dichloroethene	6.3	U	6.3	0.46
156-60-5	trans-1,2-Dichloroethene	6.3	U	6.3	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 Lab Sample ID: 220-16030-4

Matrix: Solid Lab File ID: N3876.D

Analysis Method: 8260B Date Collected: 07/14/2011 15:30

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 19:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 20.0 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		59-132
460-00-4	4-Bromofluorobenzene	95		34-124
1868-53-7	Dibromofluoromethane	84		59-123
2037-26-5	Toluene-d8 (Surr)	92		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3876.D
Lab Smp Id: 220-16030-A-4 Client Smp ID: SB-143 3-4
Inj Date : 19-JUL-2011 19:57 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-4
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

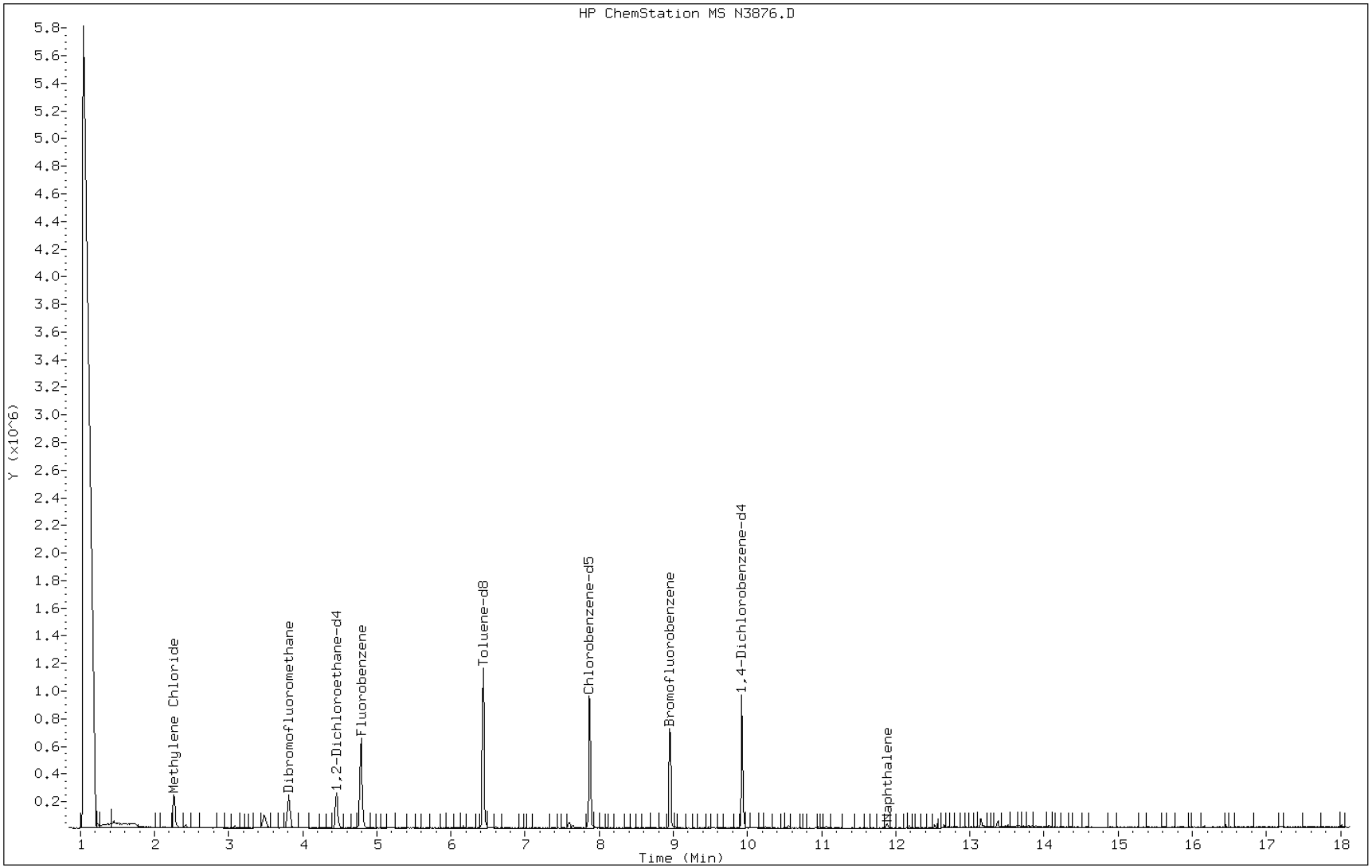
		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
*	1 Fluorobenzene	96	4.791	4.788	(1.000)	678005	25.0000	
	20 Methylene Chloride	84	2.259	2.266	(0.472)	85542	6.63702	7
	21 Acetone	43	2.289	2.296	(0.478)	32967	4.73614	5
$	41 Dibromofluoromethane	111	3.816	3.813	(0.796)	211014	20.9881	21
$	55 1,2-Dichloroethane-d4	65	4.456	4.463	(0.930)	185069	20.8946	21
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	552801	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	4274	0.11689	0.1
$	77 Toluene-d8	98	6.436	6.443	(0.817)	728663	22.8987	23
*	95 1,4-Dichlorobenzene-d4	152	9.924	9.931	(1.000)	226407	25.0000	
	123 Naphthalene	128	11.884	11.882	(1.198)	25851	0.99764	1.0
$	125 Bromofluorobenzene	95	8.948	8.956	(0.902)	266400	23.6305	24

Data File: N3876.D

Date: 19-JUL-2011 19:57

Client ID: SB-143 3-4 Instrument: msn.i

Sample Info: 220-16030-A-4 Operator: D. HUMBERT



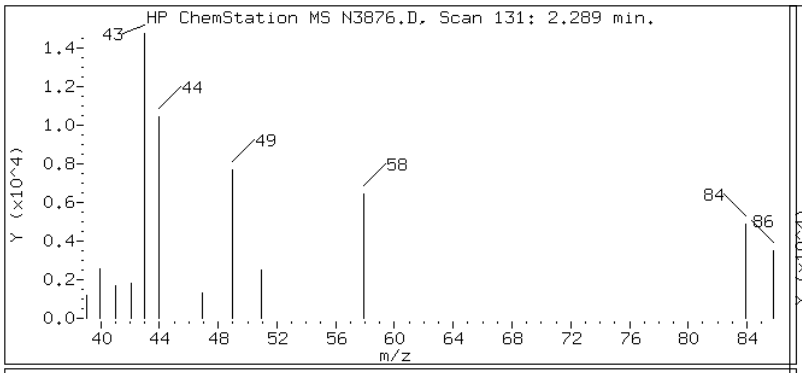
Data File: N3876.D

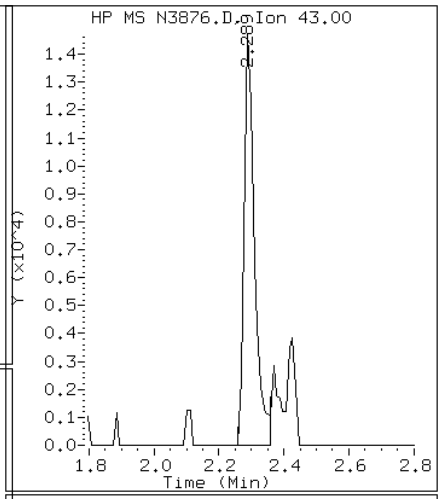
Date: 19-JUL-2011 19:57

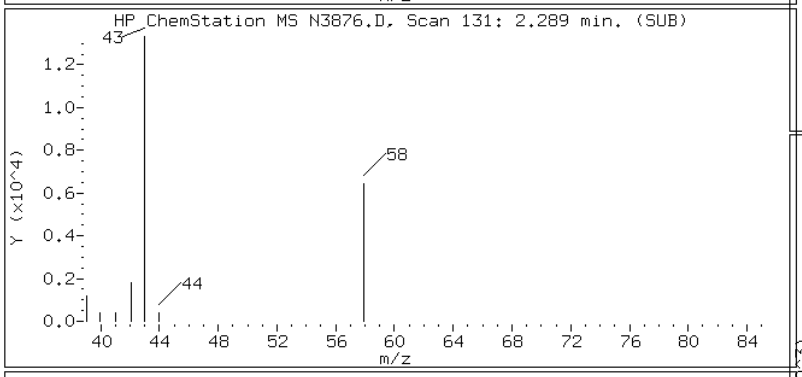
Client ID: SB-143 3-4 Instrument: msn.i

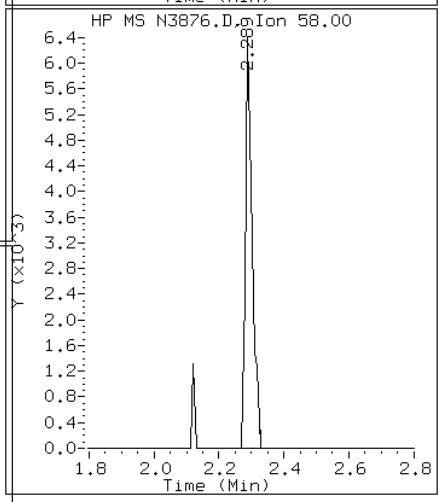
Sample Info: 220-16030-A-4 Operator: D. HUMBERT

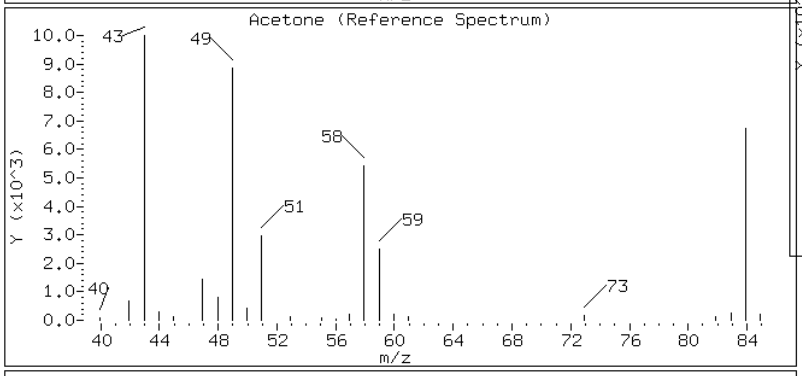
21 Acetone

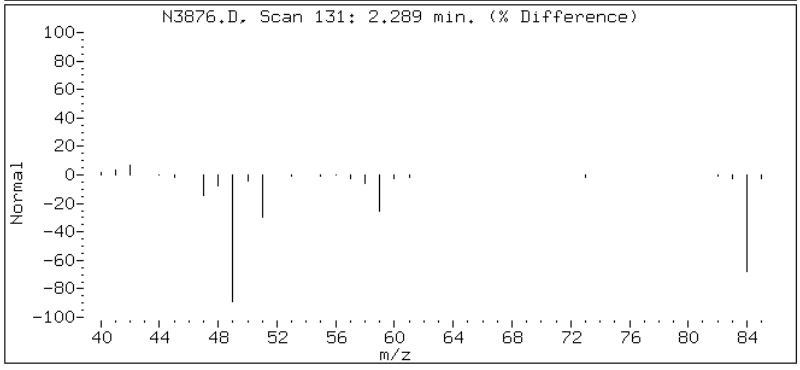












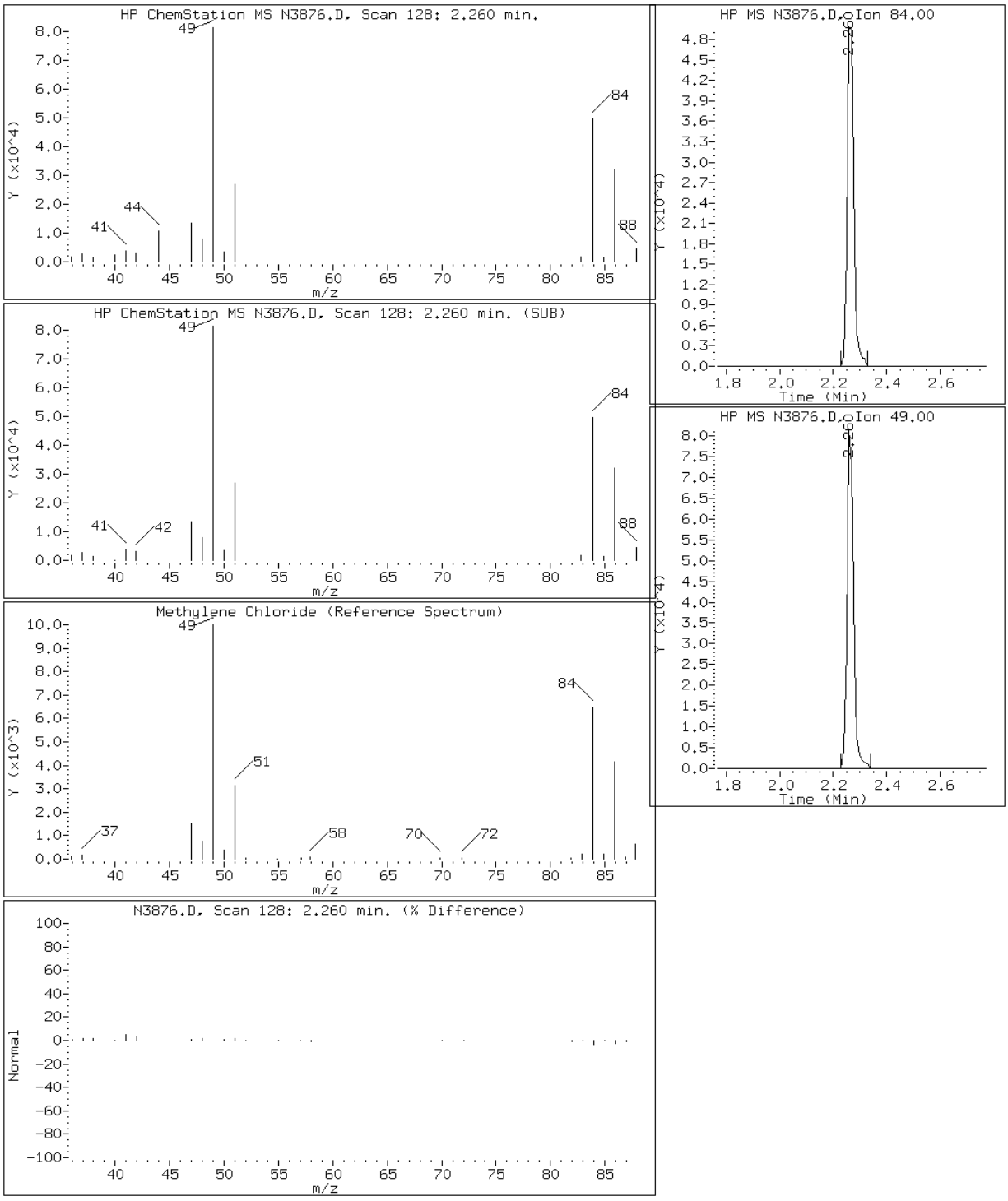
Data File: N3876.D

Date: 19-JUL-2011 19:57

Client ID: SB-143 3-4 Instrument: msn.i

Sample Info: 220-16030-A-4 Operator: D. HUMBERT

20 Methylene Chloride



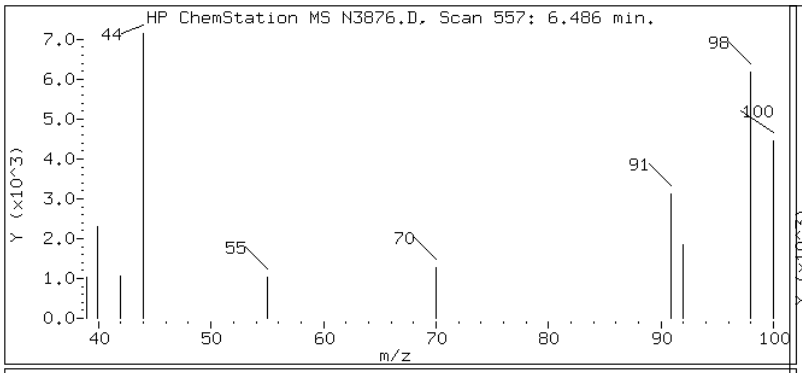
Data File: N3876.D

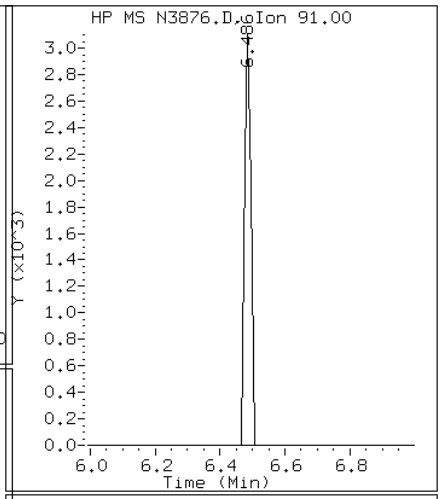
Date: 19-JUL-2011 19:57

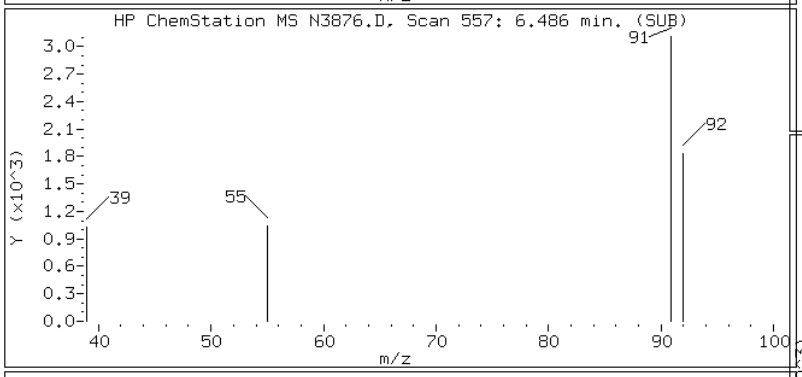
Client ID: SB-143 3-4 Instrument: msn.i

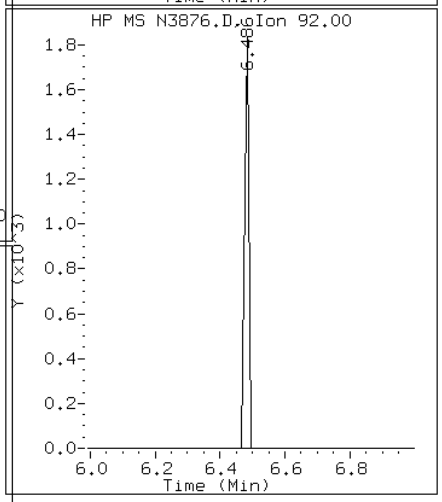
Sample Info: 220-16030-A-4 Operator: D. HUMBERT

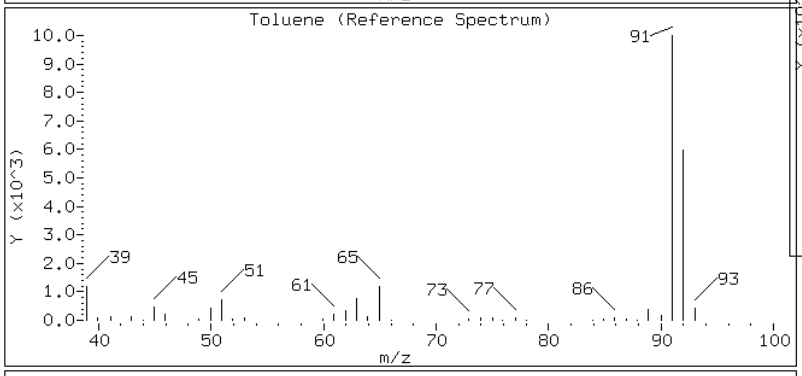
76 Toluene

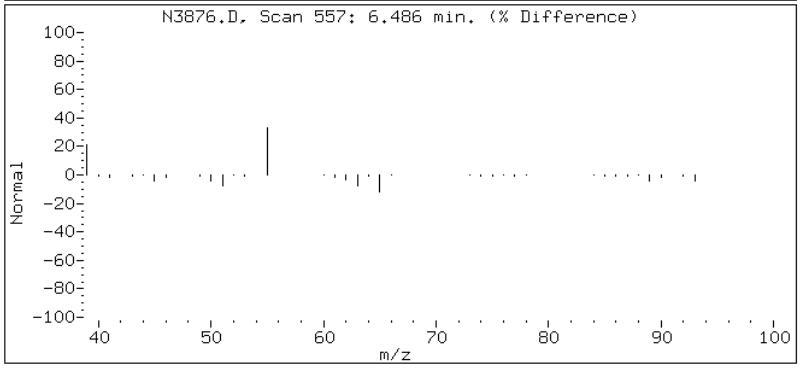












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: N3877.D

Analysis Method: 8260B | Date Collected: 07/14/2011 22:30

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 20:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.4 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	3.7	J B	24	2.7
71-43-2	Benzene	6.0	U	6.0	0.68
75-27-4	Bromodichloromethane	6.0	U	6.0	0.36
75-25-2	Bromoform	6.0	U	6.0	0.73
74-83-9	Bromomethane	6.0	U *	6.0	2.5
78-93-3	Methyl Ethyl Ketone	12	U	12	1.9
75-15-0	Carbon disulfide	6.0	U	6.0	0.49
56-23-5	Carbon tetrachloride	6.0	U	6.0	1.1
108-90-7	Chlorobenzene	6.0	U	6.0	0.71
75-00-3	Chloroethane	6.0	U	6.0	1.2
67-66-3	Chloroform	6.0	U	6.0	0.41
74-87-3	Chloromethane	6.0	U	6.0	0.93
124-48-1	Dibromochloromethane	6.0	U	6.0	0.42
75-34-3	1,1-Dichloroethane	6.0	U	6.0	0.36
107-06-2	1,2-Dichloroethane	6.0	U	6.0	0.69
75-35-4	1,1-Dichloroethene	6.0	U	6.0	0.69
78-87-5	1,2-Dichloropropane	6.0	U	6.0	0.80
10061-01-5	cis-1,3-Dichloropropene	6.0	U	6.0	0.67
10061-02-6	trans-1,3-Dichloropropene	6.0	U	6.0	0.32
100-41-4	Ethylbenzene	6.0	U	6.0	0.84
591-78-6	2-Hexanone	12	U	12	1.4
75-09-2	Methylene Chloride	9.1	J B	24	1.3
108-10-1	methyl isobutyl ketone	6.0	U	6.0	0.66
100-42-5	Styrene	6.0	U	6.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	6.0	0.62
127-18-4	Tetrachloroethene	6.0	U	6.0	0.97
108-88-3	Toluene	0.14	J	6.0	0.089
71-55-6	1,1,1-Trichloroethane	6.0	U	6.0	0.63
79-00-5	1,1,2-Trichloroethane	6.0	U	6.0	0.44
79-01-6	Trichloroethene	6.0	U	6.0	0.97
75-01-4	Vinyl chloride	6.0	U	6.0	0.28
1330-20-7	Xylenes, Total	6.0	U	6.0	0.58
156-59-2	cis-1,2-Dichloroethene	6.0	U	6.0	0.44
156-60-5	trans-1,2-Dichloroethene	6.0	U	6.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 Lab Sample ID: 220-16030-5

Matrix: Solid Lab File ID: N3877.D

Analysis Method: 8260B Date Collected: 07/14/2011 22:30

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 20:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.4 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		59-132
460-00-4	4-Bromofluorobenzene	101		34-124
1868-53-7	Dibromofluoromethane	85		59-123
2037-26-5	Toluene-d8 (Surr)	91		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3877.D
Lab Smp Id: 220-16030-A-5 Client Smp ID: SB-143 32-33
Inj Date : 19-JUL-2011 20:23 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-5
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

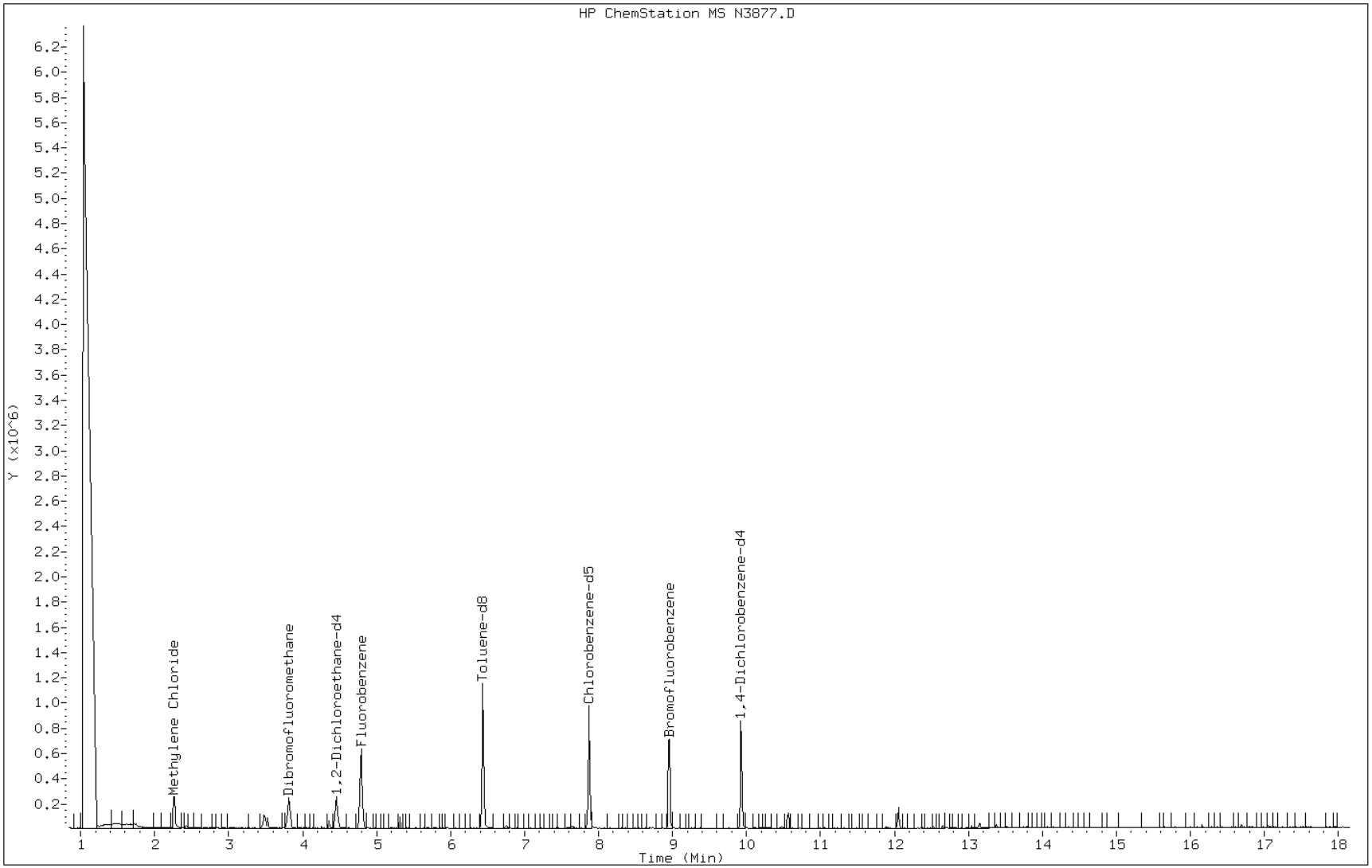
		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	660447	25.0000	
	20 Methylene Chloride	84	2.268	2.266	(0.474)	95352	7.59484	8
	21 Acetone	43	2.288	2.296	(0.478)	20951	3.08990	3
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	207061	21.1424	21
$	55 1,2-Dichloroethane-d4	65	4.456	4.463	(0.930)	178465	20.6847	21
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	544443	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	4158	0.11547	0.1
$	77 Toluene-d8	98	6.436	6.443	(0.817)	709460	22.6375	23
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	207027	25.0000	
$	125 Bromofluorobenzene	95	8.948	8.956	(0.902)	260868	25.3059	25

Data File: N3877.D

Date: 19-JUL-2011 20:23

Client ID: SB-143 32-33 Instrument: msn.i

Sample Info: 220-16030-A-5 Operator: D. HUMBERT



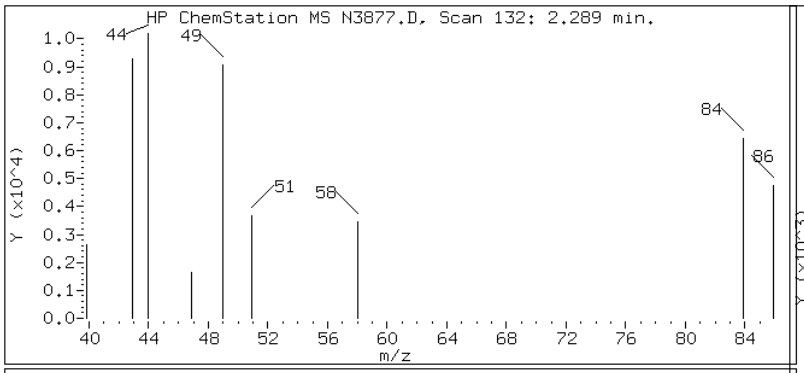
Data File: N3877.D

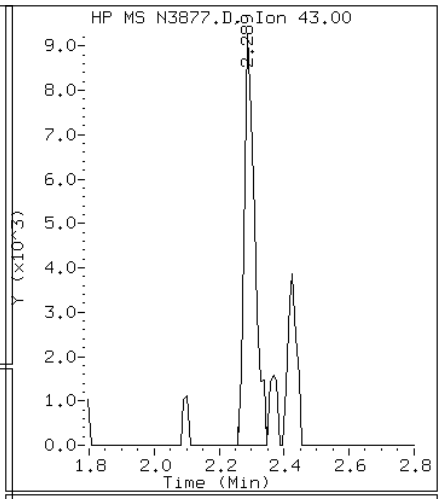
Date: 19-JUL-2011 20:23

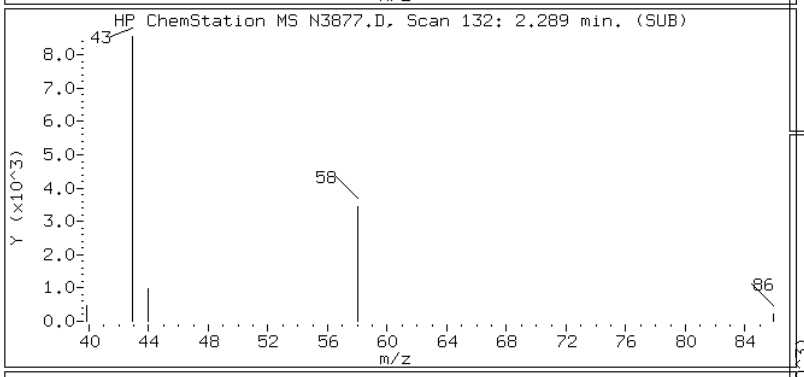
Client ID: SB-143 32-33 Instrument: msn.i

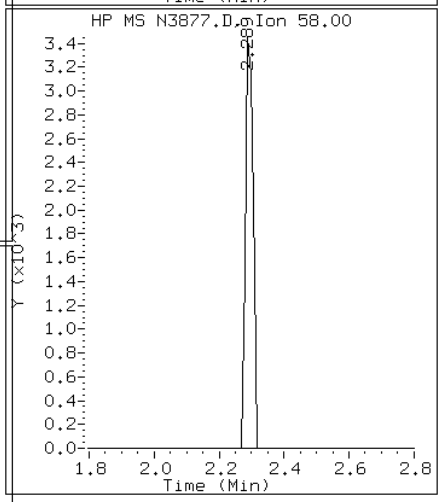
Sample Info: 220-16030-A-5 Operator: D. HUMBERT

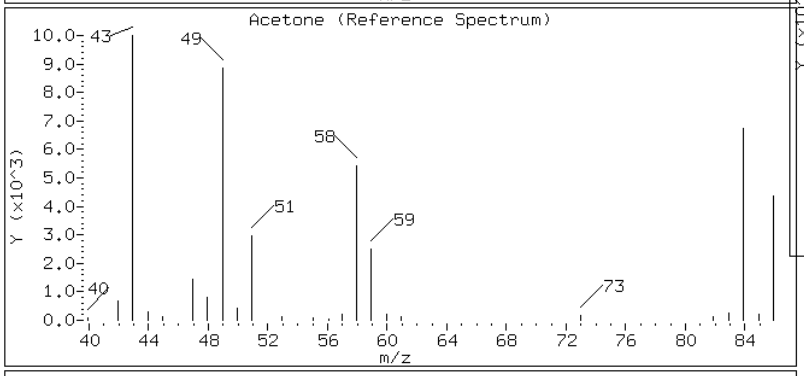
21 Acetone

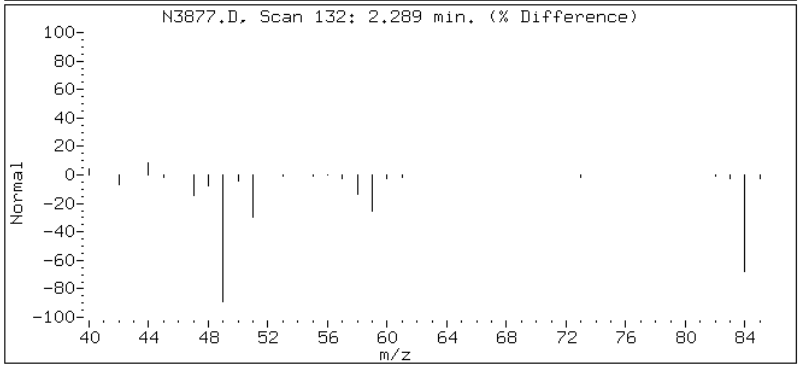












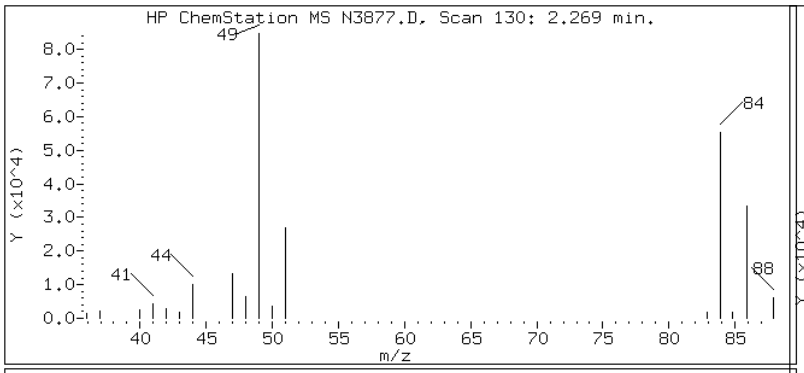
Data File: N3877.D

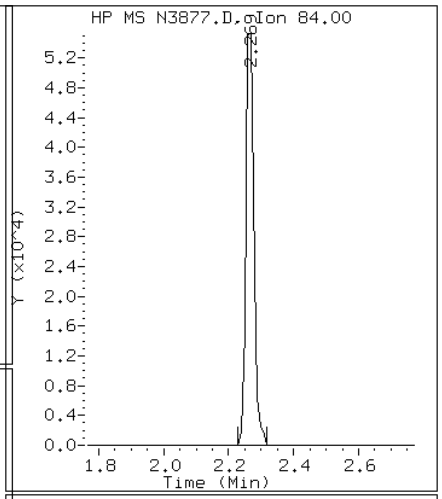
Date: 19-JUL-2011 20:23

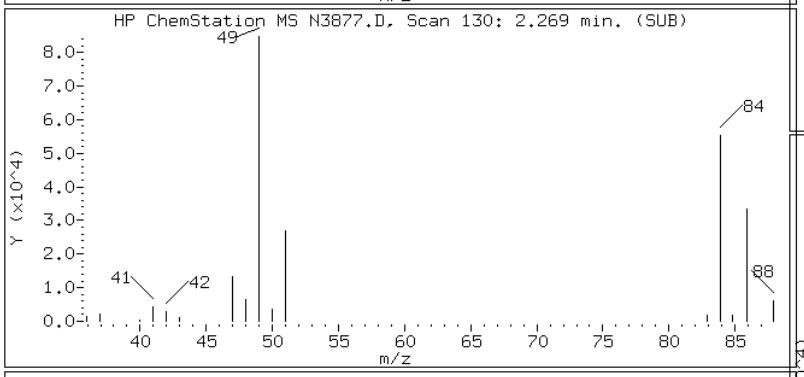
Client ID: SB-143 32-33 Instrument: msn.i

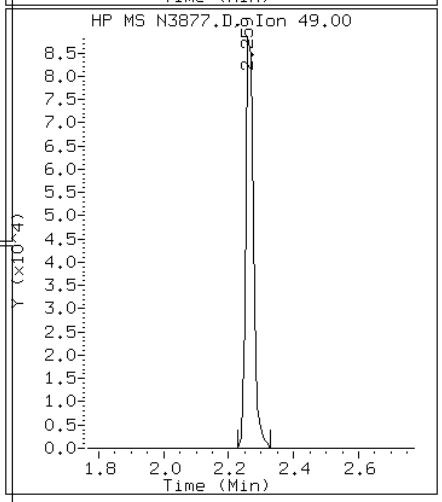
Sample Info: 220-16030-A-5 Operator: D. HUMBERT

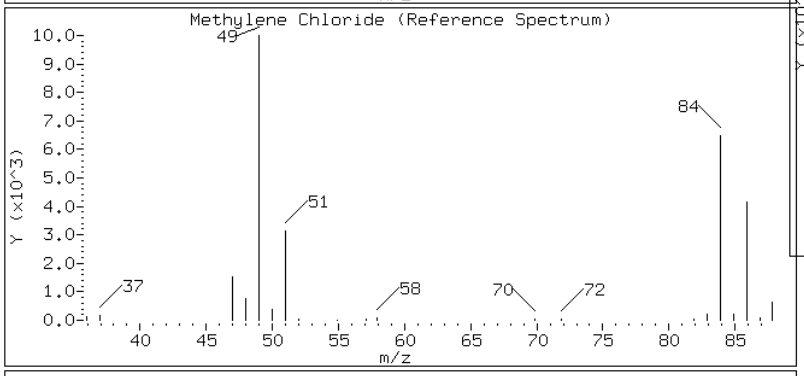
20 Methylene Chloride

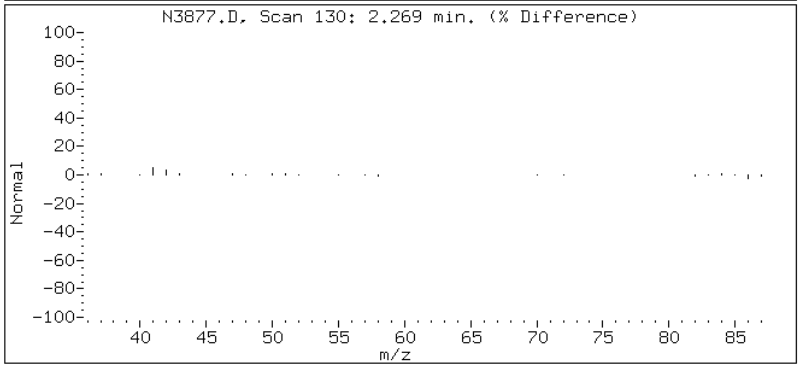












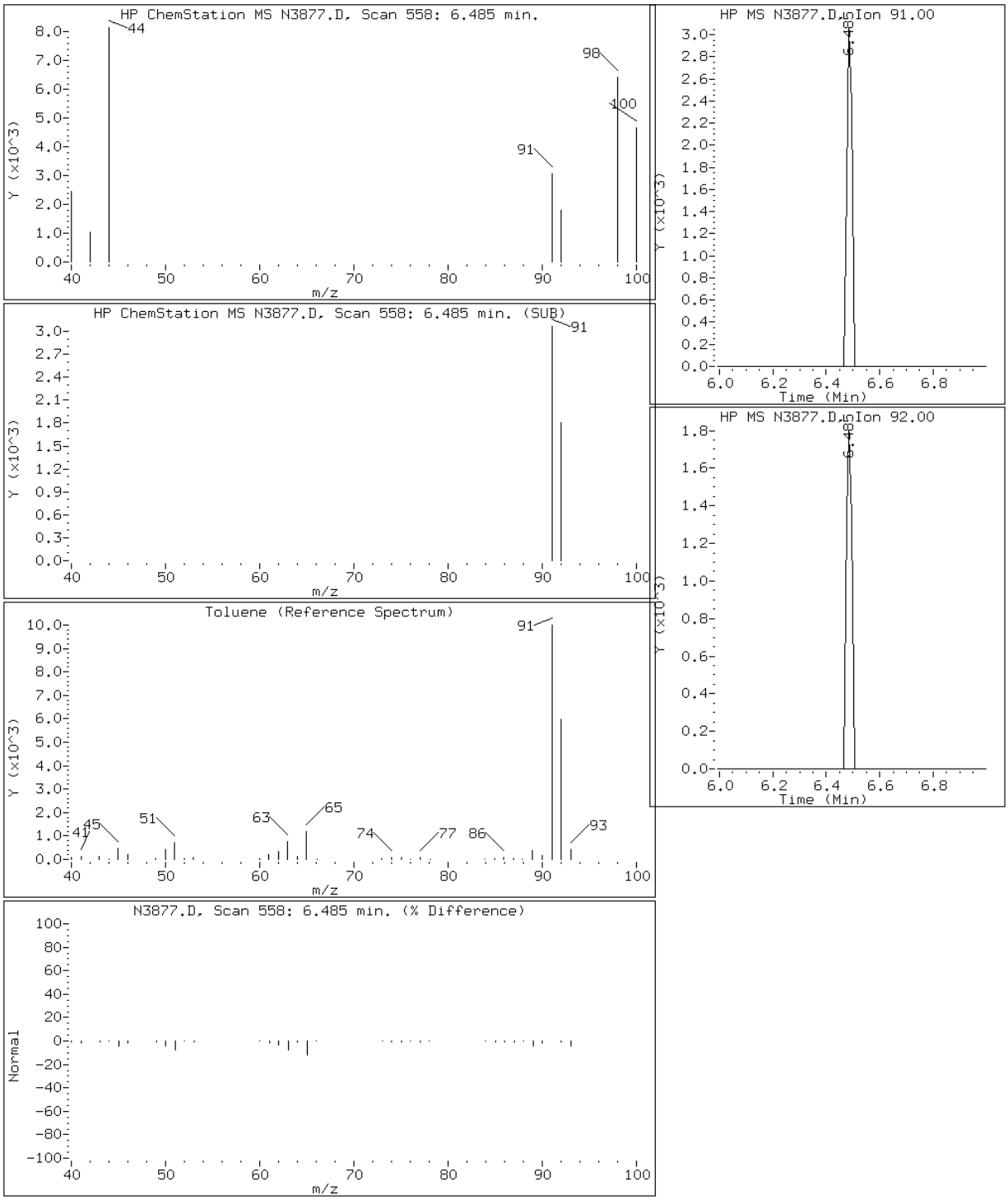
Data File: N3877.D

Date: 19-JUL-2011 20:23

Client ID: SB-143 32-33 Instrument: msn.i

Sample Info: 220-16030-A-5 Operator: D. HUMBERT

76 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: O4954.D

Analysis Method: 8260B | Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 13:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	4.5	J	25	2.8
71-43-2	Benzene	6.2	U	6.2	0.70
75-27-4	Bromodichloromethane	6.2	U	6.2	0.37
75-25-2	Bromoform	6.2	U	6.2	0.75
74-83-9	Bromomethane	6.2	U	6.2	2.6
78-93-3	Methyl Ethyl Ketone	12	U	12	2.0
75-15-0	Carbon disulfide	6.2	U	6.2	0.50
56-23-5	Carbon tetrachloride	6.2	U	6.2	1.2
108-90-7	Chlorobenzene	6.2	U	6.2	0.73
75-00-3	Chloroethane	6.2	U	6.2	1.2
67-66-3	Chloroform	6.2	U	6.2	0.42
74-87-3	Chloromethane	6.2	U	6.2	0.96
124-48-1	Dibromochloromethane	6.2	U	6.2	0.43
75-34-3	1,1-Dichloroethane	6.2	U	6.2	0.37
107-06-2	1,2-Dichloroethane	6.2	U	6.2	0.71
75-35-4	1,1-Dichloroethene	6.2	U	6.2	0.71
78-87-5	1,2-Dichloropropane	6.2	U	6.2	0.82
10061-01-5	cis-1,3-Dichloropropene	6.2	U	6.2	0.69
10061-02-6	trans-1,3-Dichloropropene	6.2	U	6.2	0.33
100-41-4	Ethylbenzene	6.2	U	6.2	0.86
591-78-6	2-Hexanone	12	U	12	1.5
75-09-2	Methylene Chloride	6.3	J B	25	1.3
108-10-1	methyl isobutyl ketone	6.2	U	6.2	0.68
100-42-5	Styrene	6.2	U	6.2	0.18
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	6.2	0.64
127-18-4	Tetrachloroethene	6.2	U	6.2	1.0
108-88-3	Toluene	6.2	U	6.2	0.091
71-55-6	1,1,1-Trichloroethane	6.2	U	6.2	0.65
79-00-5	1,1,2-Trichloroethane	6.2	U	6.2	0.46
79-01-6	Trichloroethene	6.2	U	6.2	1.0
75-01-4	Vinyl chloride	6.2	U	6.2	0.28
1330-20-7	Xylenes, Total	6.2	U	6.2	0.60
156-59-2	cis-1,2-Dichloroethene	6.2	U	6.2	0.46
156-60-5	trans-1,2-Dichloroethene	6.2	U	6.2	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 Lab Sample ID: 220-16030-6

Matrix: Solid Lab File ID: O4954.D

Analysis Method: 8260B Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 13:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		59-132
460-00-4	4-Bromofluorobenzene	89		34-124
1868-53-7	Dibromofluoromethane	85		59-123
2037-26-5	Toluene-d8 (Surr)	82		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4954.D
Lab Smp Id: 220-16030-A-6 Client Smp ID: SB-143 39-40
Inj Date : 20-JUL-2011 13:06 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-6
Misc Info : 220-16030-A-6
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

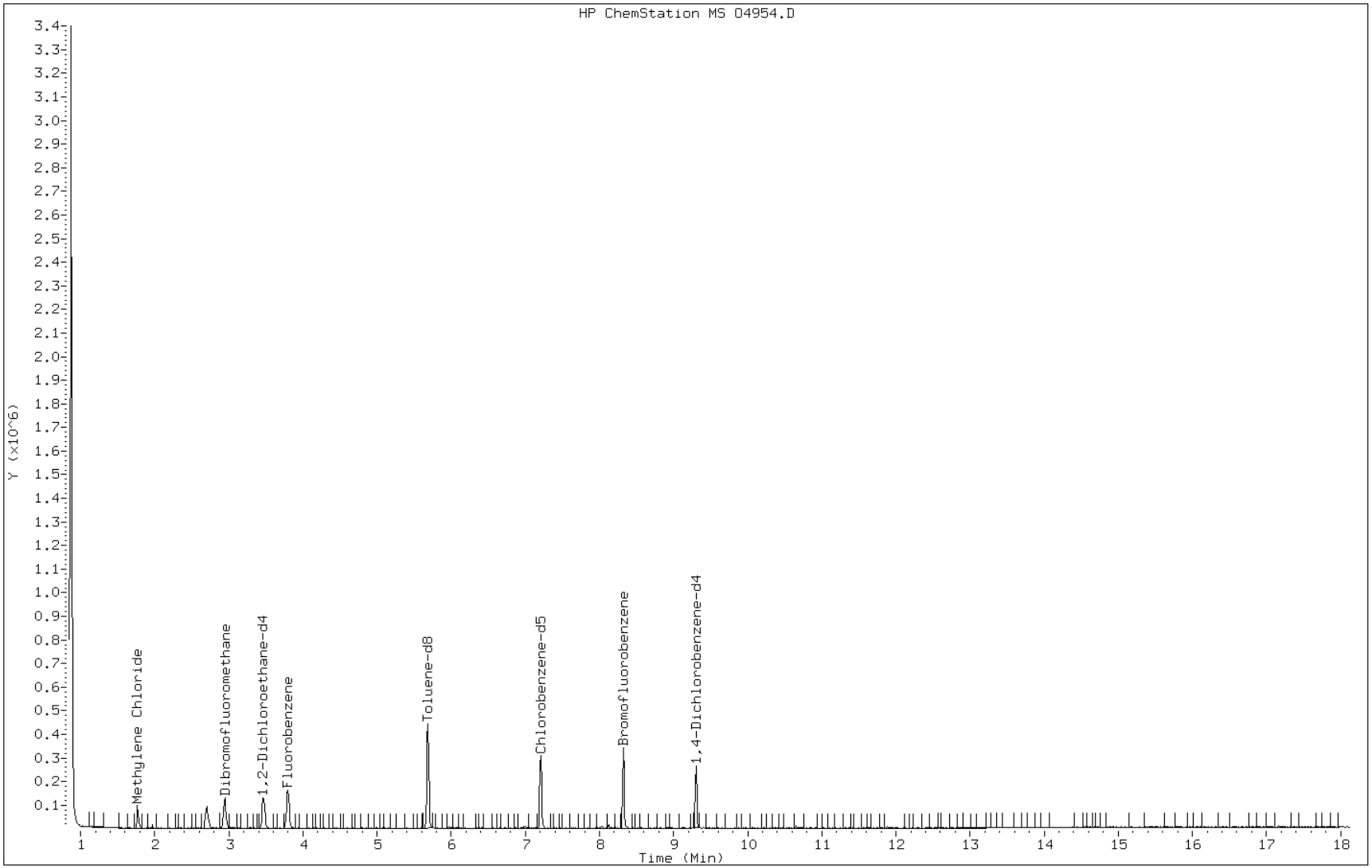
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.795	3.797	(1.000)	206253	25.0000	
	20 Methylene Chloride	84	1.768	1.770	(0.466)	27148	5.10425	5
	21 Acetone	43	1.788	1.790	(0.471)	11770	3.63875	4
$	41 Dibromofluoromethane	111	2.949	2.951	(0.777)	98904	21.3538	21
$	55 1,2-Dichloroethane-d4	65	3.460	3.462	(0.912)	117284	23.2181	23
*	75 Chlorobenzene-d5	117	7.209	7.201	(1.000)	145650	25.0000	
$	77 Toluene-d8	98	5.684	5.686	(0.788)	311802	20.5885	20
*	95 1,4-Dichlorobenzene-d4	152	9.305	9.307	(1.000)	60974	25.0000	
$	125 Bromofluorobenzene	95	8.321	8.323	(0.894)	113682	22.3384	22

Data File: O4954.D

Date: 20-JUL-2011 13:06

Client ID: SB-143 39-40 Instrument: mso.i

Sample Info: 220-16030-A-6 Operator: D. HUMBERT



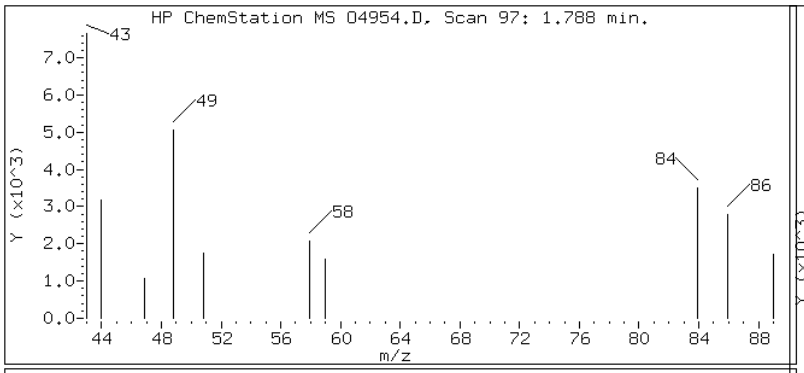
Data File: O4954.D

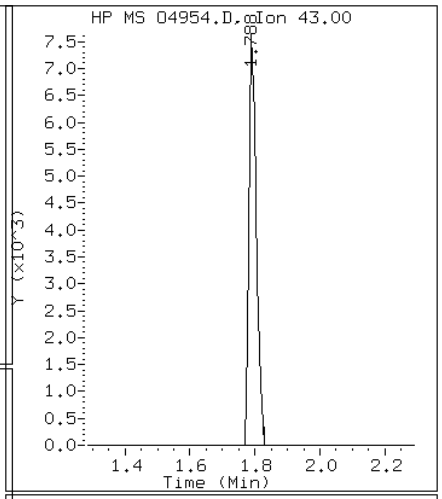
Date: 20-JUL-2011 13:06

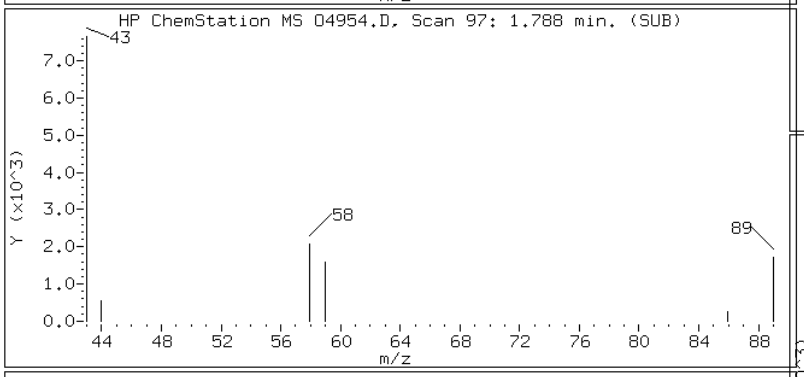
Client ID: SB-143 39-40 Instrument: mso.i

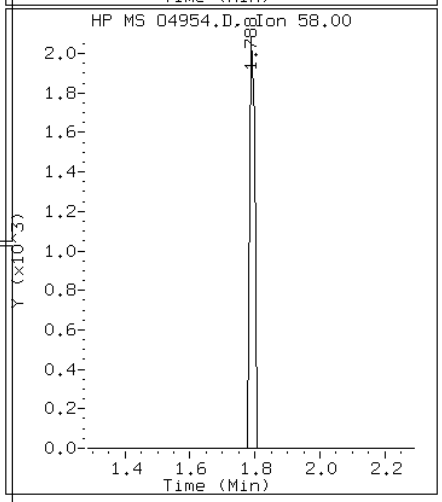
Sample Info: 220-16030-A-6 Operator: D. HUMBERT

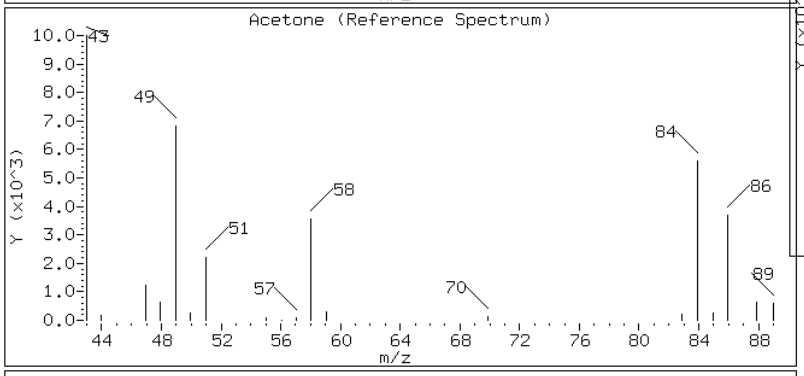
21 Acetone

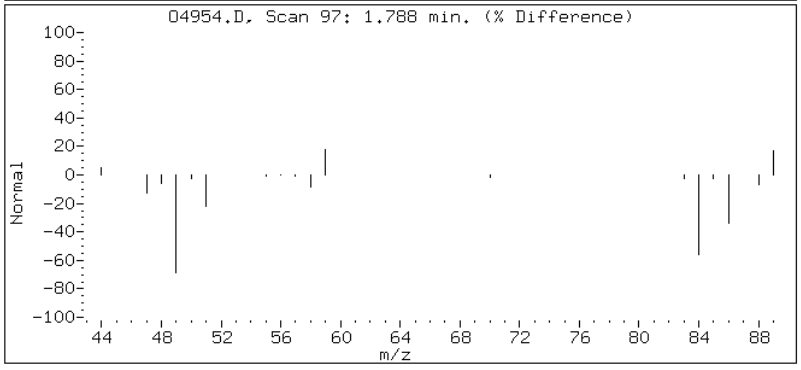












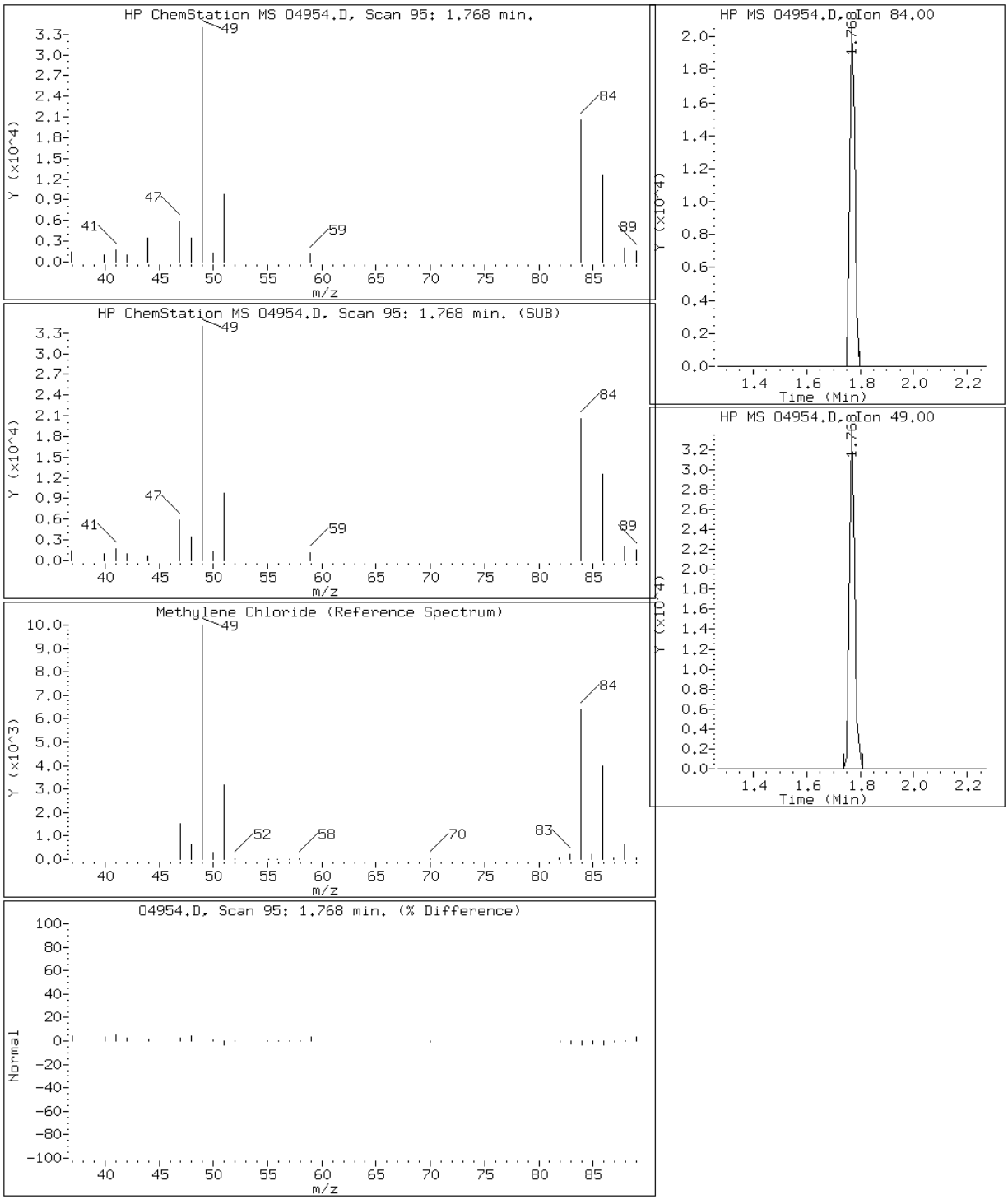
Data File: O4954.D

Date: 20-JUL-2011 13:06

Client ID: SB-143 39-40 Instrument: mso.i

Sample Info: 220-16030-A-6 Operator: D. HUMBERT

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: O4956.D

Analysis Method: 8260B | Date Collected: 07/14/2011 00:00

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 13:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	4.6	J	24	2.7
71-43-2	Benzene	6.0	U	6.0	0.69
75-27-4	Bromodichloromethane	6.0	U	6.0	0.36
75-25-2	Bromoform	6.0	U	6.0	0.73
74-83-9	Bromomethane	6.0	U	6.0	2.5
78-93-3	Methyl Ethyl Ketone	12	U	12	1.9
75-15-0	Carbon disulfide	6.0	U	6.0	0.49
56-23-5	Carbon tetrachloride	6.0	U	6.0	1.1
108-90-7	Chlorobenzene	6.0	U	6.0	0.71
75-00-3	Chloroethane	6.0	U	6.0	1.2
67-66-3	Chloroform	6.0	U	6.0	0.41
74-87-3	Chloromethane	6.0	U	6.0	0.94
124-48-1	Dibromochloromethane	6.0	U	6.0	0.42
75-34-3	1,1-Dichloroethane	6.0	U	6.0	0.36
107-06-2	1,2-Dichloroethane	6.0	U	6.0	0.70
75-35-4	1,1-Dichloroethene	6.0	U	6.0	0.70
78-87-5	1,2-Dichloropropane	6.0	U	6.0	0.81
10061-01-5	cis-1,3-Dichloropropene	6.0	U	6.0	0.67
10061-02-6	trans-1,3-Dichloropropene	6.0	U	6.0	0.32
100-41-4	Ethylbenzene	6.0	U	6.0	0.84
591-78-6	2-Hexanone	12	U	12	1.4
75-09-2	Methylene Chloride	7.4	J B	24	1.3
108-10-1	methyl isobutyl ketone	6.0	U	6.0	0.66
100-42-5	Styrene	6.0	U	6.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	6.0	0.63
127-18-4	Tetrachloroethene	6.0	U	6.0	0.97
108-88-3	Toluene	6.0	U	6.0	0.089
71-55-6	1,1,1-Trichloroethane	6.0	U	6.0	0.64
79-00-5	1,1,2-Trichloroethane	6.0	U	6.0	0.44
79-01-6	Trichloroethene	6.0	U	6.0	0.97
75-01-4	Vinyl chloride	6.0	U	6.0	0.28
1330-20-7	Xylenes, Total	6.0	U	6.0	0.58
156-59-2	cis-1,2-Dichloroethene	6.0	U	6.0	0.44
156-60-5	trans-1,2-Dichloroethene	6.0	U	6.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 Lab Sample ID: 220-16030-7

Matrix: Solid Lab File ID: O4956.D

Analysis Method: 8260B Date Collected: 07/14/2011 00:00

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.9 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		59-132
460-00-4	4-Bromofluorobenzene	89		34-124
1868-53-7	Dibromofluoromethane	84		59-123
2037-26-5	Toluene-d8 (Surr)	79		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4956.D
Lab Smp Id: 220-16030-A-7 Client Smp ID: DUP071411
Inj Date : 20-JUL-2011 13:57 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-7
Misc Info : 220-16030-A-7
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 35
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

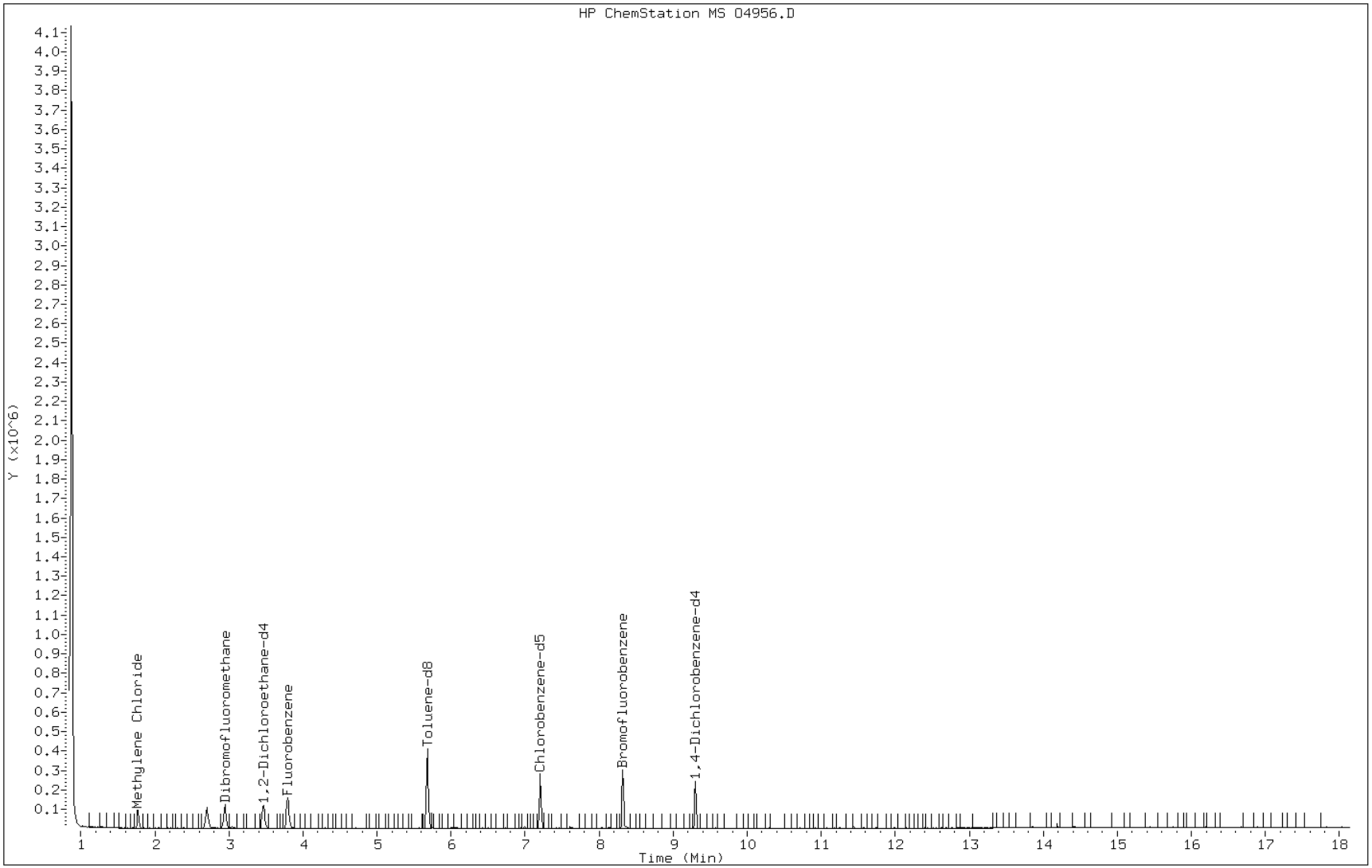
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.791	3.797	(1.000)	192642	25.0000	
	20 Methylene Chloride	84	1.774	1.770	(0.468)	30377	6.11489	6
	21 Acetone	43	1.794	1.790	(0.473)	11631	3.84983	4
$	41 Dibromofluoromethane	111	2.945	2.951	(0.777)	90704	20.9670	21
$	55 1,2-Dichloroethane-d4	65	3.466	3.462	(0.914)	108189	22.9309	23
*	75 Chlorobenzene-d5	117	7.205	7.201	(1.000)	139223	25.0000	
$	77 Toluene-d8	98	5.680	5.686	(0.788)	286977	19.8240	20
*	95 1,4-Dichlorobenzene-d4	152	9.301	9.307	(1.000)	55872	25.0000	
$	125 Bromofluorobenzene	95	8.317	8.323	(0.894)	104169	22.3382	22

Data File: O4956.D

Date: 20-JUL-2011 13:57

Client ID: DUP071411 Instrument: mso.i

Sample Info: 220-16030-A-7 Operator: D. HUMBERT



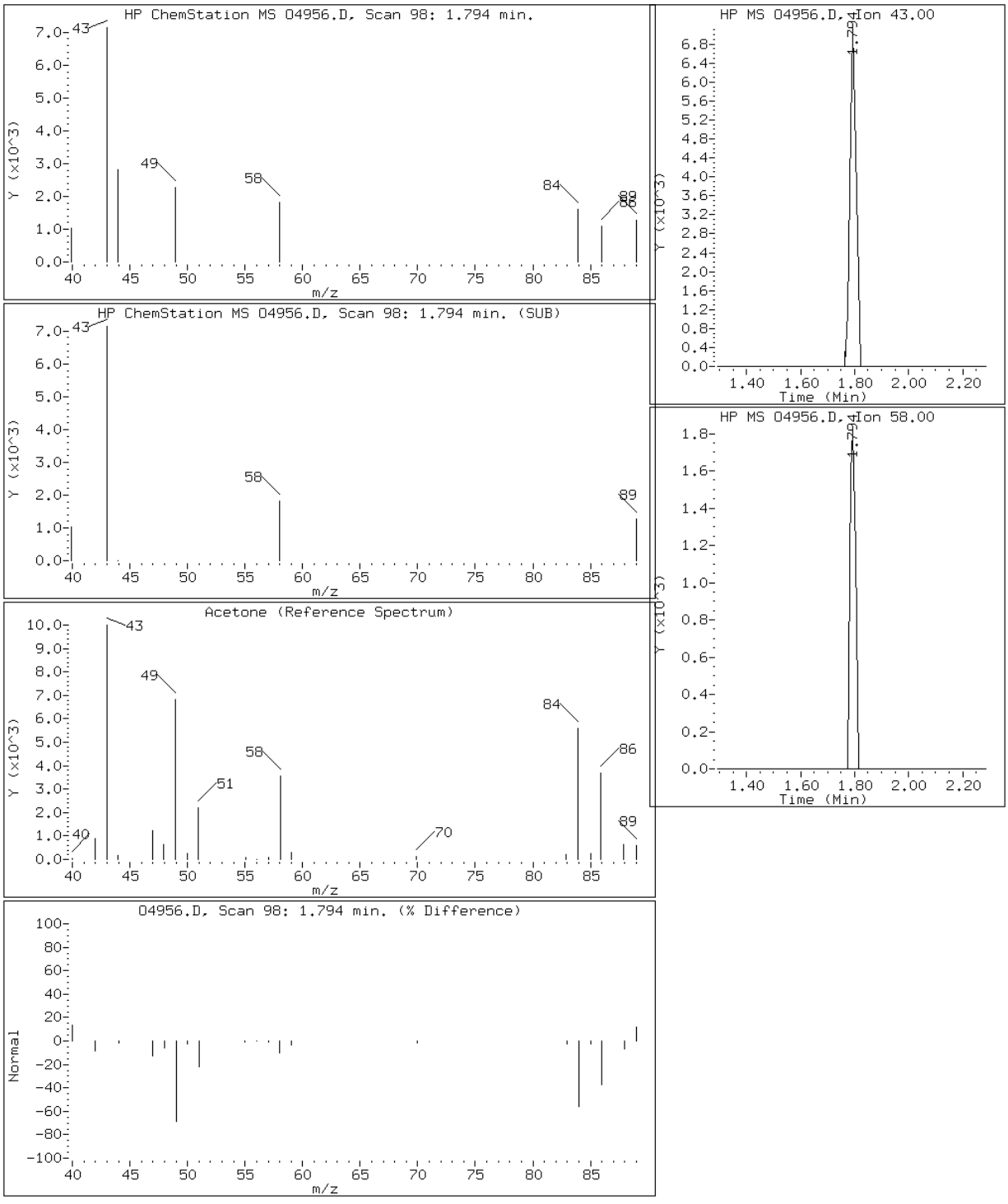
Data File: O4956.D

Date: 20-JUL-2011 13:57

Client ID: DUP071411 Instrument: mso.i

Sample Info: 220-16030-A-7 Operator: D. HUMBERT

21 Acetone



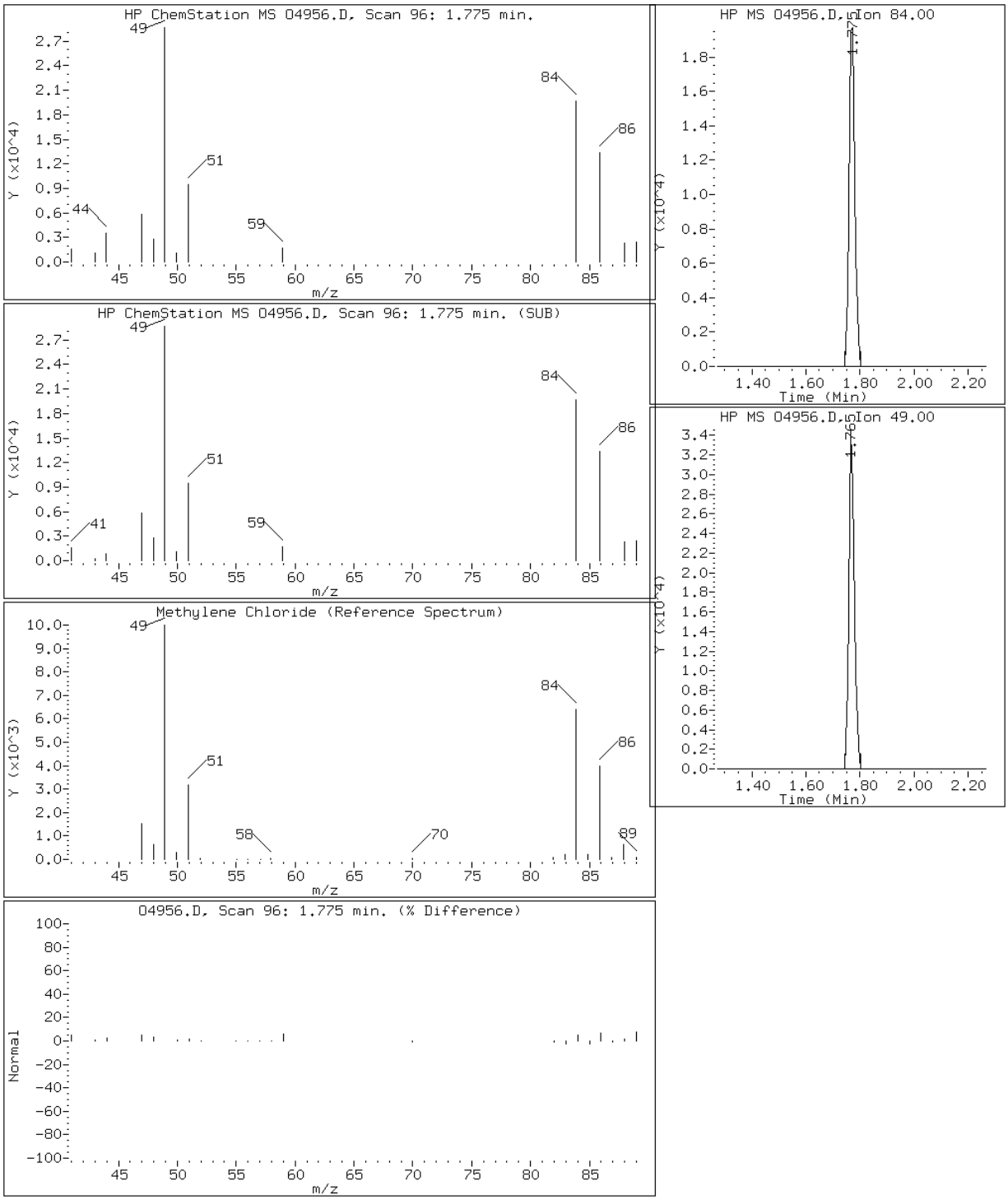
Data File: O4956.D

Date: 20-JUL-2011 13:57

Client ID: DUP071411 Instrument: mso.i

Sample Info: 220-16030-A-7 Operator: D. HUMBERT

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: V2422.D

Analysis Method: 8260B | Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/20/2011 20:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53093 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 Lab Sample ID: 220-16030-8

Matrix: Water Lab File ID: V2422.D

Analysis Method: 8260B Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 20:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		65-136
460-00-4	4-Bromofluorobenzene	77		51-142
1868-53-7	Dibromofluoromethane	101		68-132
2037-26-5	Toluene-d8 (Surr)	85		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2422.D
Lab Smp Id: 220-16030-A-8 Client Smp ID: FB-1
Inj Date : 20-JUL-2011 20:21 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-16030-a-8
Misc Info : 220-16030-A-8
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

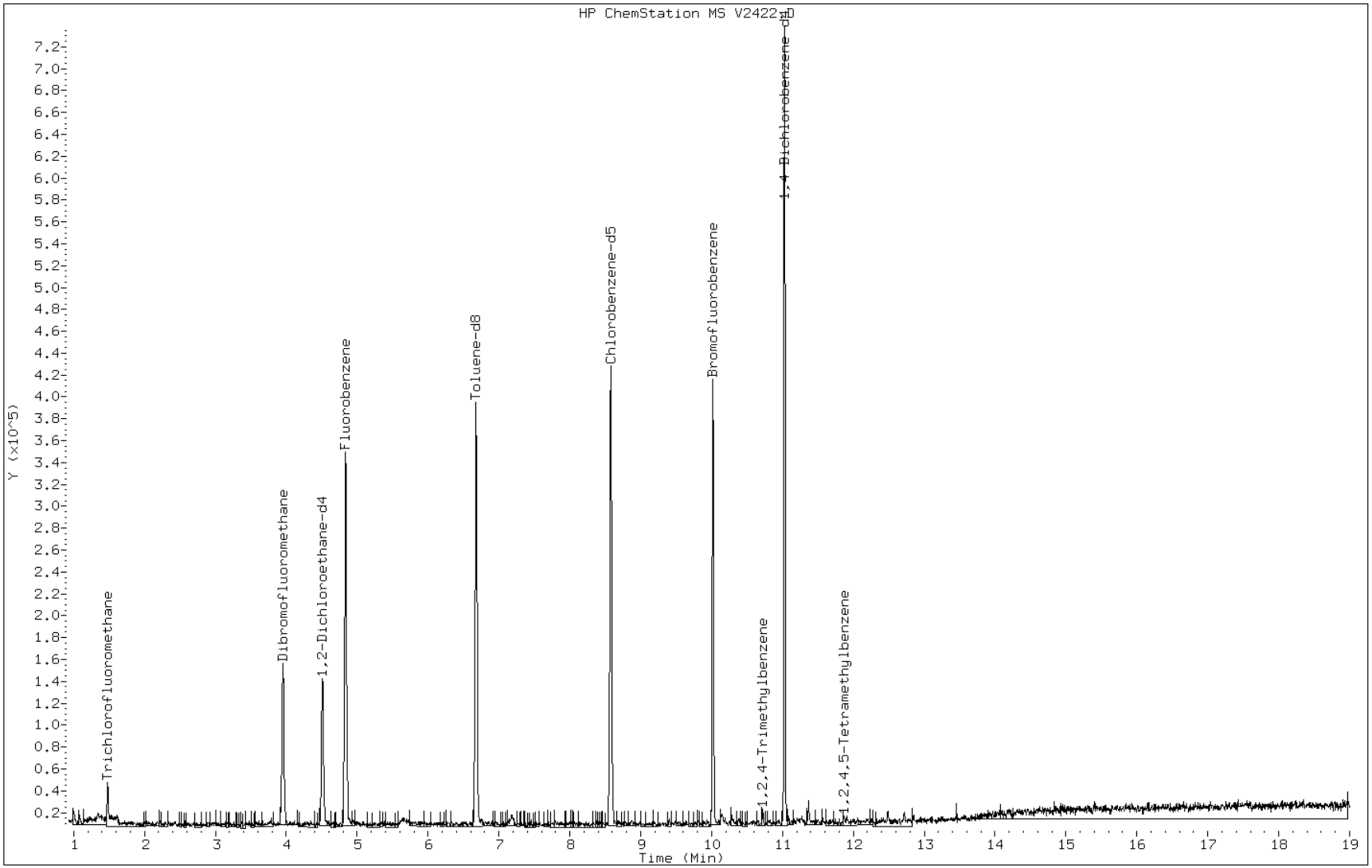
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	325242	25.0000	
	7 Trichlorofluoromethane	101	1.484	1.479	(0.307)	15762	2.76498	3
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	91670	25.2376	25
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	109323	25.2123	25
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	256288	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	280430	21.1900	21
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	152329	25.0000	
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	3853	0.27457	0.3
	118 1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	1843	0.13034	0.1
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	97154	19.3108	19

Data File: V2422.D

Date: 20-JUL-2011 20:21

Client ID: FB-1 Instrument: msv.i

Sample Info: 220-16030-a-8 Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: V2423.D

Analysis Method: 8260B | Date Collected: 07/14/2011 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/20/2011 20:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53093 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 Lab Sample ID: 220-16030-9

Matrix: Water Lab File ID: V2423.D

Analysis Method: 8260B Date Collected: 07/14/2011 13:00

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 20:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		65-136
460-00-4	4-Bromofluorobenzene	78		51-142
1868-53-7	Dibromofluoromethane	102		68-132
2037-26-5	Toluene-d8 (Surr)	78		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2423.D
Lab Smp Id: 220-16030-A-9 Client Smp ID: FB-2
Inj Date : 20-JUL-2011 20:49 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-16030-a-9
Misc Info : 220-16030-A-9
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

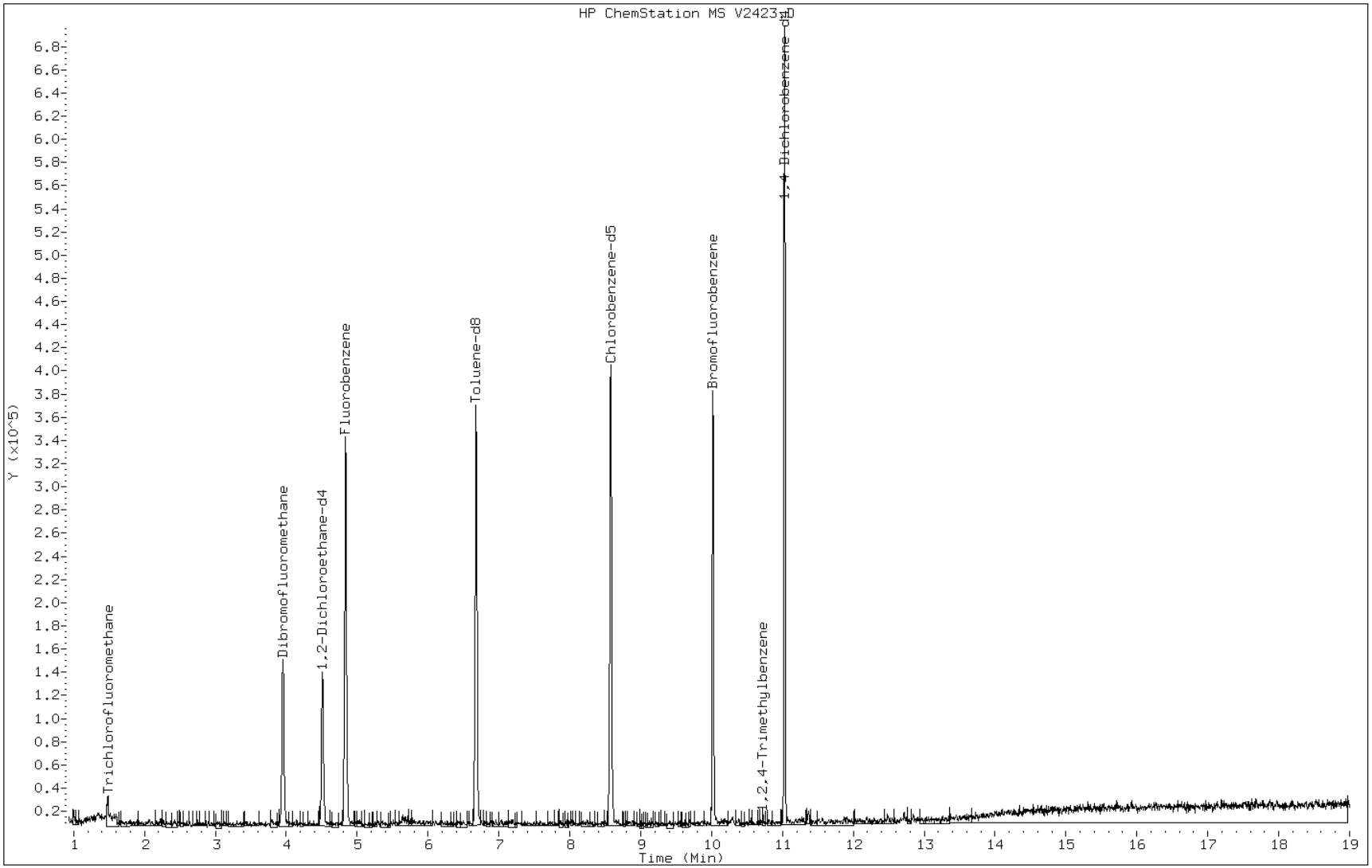
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	316869	25.0000	
	7 Trichlorofluoromethane	101	1.479	1.479	(0.306)	11059	1.99124	2
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	90297	25.5165	26
$	55 1,2-Dichloroethane-d4	65	4.516	4.510	(0.934)	106118	25.1199	25
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	252914	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	254929	19.5201	20
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	147549	25.0000	
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	3518	0.25881	0.2
	111 1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	1329	0.14302	0.1
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	95343	19.5647	20

Data File: V2423.D

Date: 20-JUL-2011 20:49

Client ID: FB-2 Instrument: msv.i

Sample Info: 220-16030-a-9 Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 220-16030-10

Matrix: Water | Lab File ID: V2424.D

Analysis Method: 8260B | Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/20/2011 21:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53093 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.0	U	5.0	1.1
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-00-3	Chloroethane	5.0	U	5.0	1.1
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
67-64-1	Acetone	10	U	10	1.0
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
67-66-3	Chloroform	5.0	U	5.0	0.67
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
71-43-2	Benzene	5.0	U	5.0	0.74
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
79-01-6	Trichloroethene	5.0	U	5.0	0.62
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
108-88-3	Toluene	5.0	U	5.0	0.72
108-10-1	methyl isobutyl ketone	10	U	10	0.38
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
591-78-6	2-Hexanone	10	U	10	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
100-42-5	Styrene	5.0	U	5.0	0.64
75-25-2	Bromoform	5.0	U	5.0	0.46
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 220-16030-10

Matrix: Water Lab File ID: V2424.D

Analysis Method: 8260B Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	101		68-132
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		65-136
2037-26-5	Toluene-d8 (Surr)	78		63-127
460-00-4	4-Bromofluorobenzene	78		51-142

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2424.D
Lab Smp Id: 220-16030-A-10 Client Smp ID: Trip Blank
Inj Date : 20-JUL-2011 21:17 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-16030-a-10
Misc Info : 220-16030-A-10
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	292303	25.0000	
	7 Trichlorofluoromethane	101	1.484	1.479	(0.307)	22051	4.30409	4
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	82440	25.2542	25
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	104028	26.6947	27
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	239706	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	240823	19.4560	19
*	95 1,4-Dichlorobenzene-d4	152	11.026	11.027	(1.000)	138499	25.0000	
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	2826	0.22149	0.2
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	88880	19.4303	19

Data File: V2424.D

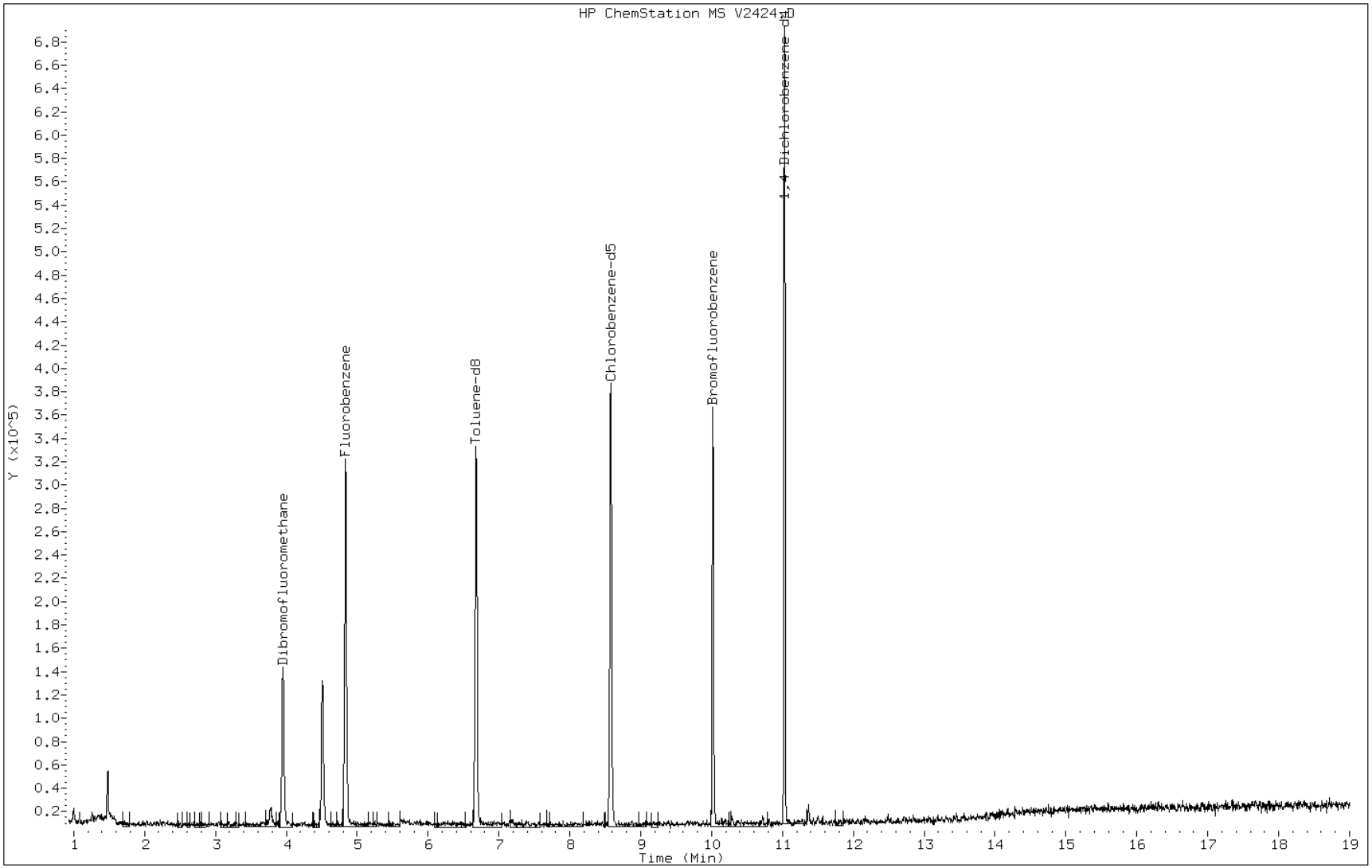
Date: 20-JUL-2011 21:17

Client ID: Trip Blank

Instrument: msv.i

Sample Info: 220-16030-a-10

Operator: B.KOSTRZEWSKA



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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52848/6	N3729.D
Level 2	IC 220-52848/5	N3728.D
Level 3	IC 220-52848/4	N3727.D
Level 4	IC 220-52848/3	N3726.D
Level 5	IC 220-52848/2	N3725.D
Level 6	IC 220-52848/1	N3724.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								
Heptane	+++++ 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.0334 0.0381	0.0726	0.0787	0.0841	0.1073	Ave		0.0690				41.1	*	15.0			
Chloromethane	0.5037 0.5666	0.4848	0.5511	0.5360	0.5596	Ave		0.5336			0.1000	6.1		15.0			
Vinyl chloride	0.3555 0.3754	0.3499	0.3892	0.3681	0.3849	Ave		0.3705				4.2		30.0			
Bromomethane	0.1994 0.1353	0.1797	0.1910	0.1504	0.1263	Ave		0.1637				18.6	*	15.0			
Chloroethane	0.2787 0.1458	0.2236	0.2368	0.2008	0.1766	Ave		0.2104				22.2	*	15.0			
Trichlorofluoromethane	0.3386 0.3139	0.3311	0.3597	0.3389	0.3396	Ave		0.3370				4.4		15.0			
Dichlorofluoromethane	0.5673 0.4709	0.5624	0.5649	0.5201	0.5205	Ave		0.5344				7.1		15.0			
Ethyl ether	0.3039 0.2614	0.2957	0.2898	0.2779	0.2746	Ave		0.2839				5.5		15.0			
Ethanol	0.0175 0.0153	0.0187	0.0198	0.0174	0.0181	Ave		0.0178				8.4		15.0			
1,1-Dichloroethene	0.2700 0.2784	0.2696	0.2798	0.2783	0.2866	Ave		0.2771				2.3		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3059 0.3413	0.3305	0.3368	0.3381	0.3487	Ave		0.3335				4.4		15.0			
Carbon disulfide	1.0968 1.2248	1.0813	1.1593	1.1745	1.2382	Ave		1.1625				5.5		15.0			
Iodomethane	0.3326 0.3736	0.3347	0.3807	0.3767	0.3889	Ave		0.3645				6.7		15.0			
Isopropyl alcohol	0.0377 0.0350	0.0412	0.0372	0.0306	0.0325	Ave		0.0357				10.7		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
Acrolein	0.0672 0.0765	0.0753	0.0738	0.0726	0.0768	Ave		0.0737				4.8		15.0			
3-Chloro-1-propene	0.6726 0.7076	0.6824	0.6973	0.6932	0.7156	Ave		0.6948				2.3		15.0			
Methylene Chloride	+++++ 0.7579	0.4525	0.4016	0.3782	0.3860	Ave		0.4752				33.8	*	15.0			
Acetone	+++++ 0.2568	0.2763	0.2467	0.2634	0.2402	Ave		0.2567				5.5		15.0			
Methyl acetate	2.2493 3.3064	2.3876	2.2941	2.3016	2.4015	Qua	-0.176	0.5452	-0.009						0.9984		
trans-1,2-Dichloroethene	0.3440 0.2549	0.3283	0.3405	0.3373	0.3508	Ave		0.3260				10.9		15.0			
Methyl tert-butyl ether	0.9337	0.9597	0.9374	0.9593	0.9818	Ave		0.9544				2.0		15.0			
tert-Butyl alcohol	0.0587	0.0669	0.0607	0.0602	0.0665	Ave		0.0626				6.1		15.0			
Acetonitrile	0.0615 0.0566	0.0598	0.0575	0.0538	0.0593	Ave		0.0581				4.6		15.0			
Isopropyl ether	1.6024 1.6609	1.5909	1.6057	1.6137	1.6503	Ave		1.6207				1.7		15.0			
2-Chloro-1,3-butadiene	0.2888 0.3348	0.3029	0.3106	0.3132	0.3310	Ave		0.3135				5.5		15.0			
1,1-Dichloroethane	0.6360 0.6672	0.6556	0.6618	0.6598	0.6801	Ave		0.6601			0.1000	2.2		15.0			
Acrylonitrile	0.1959 0.2089	0.2179	0.2146	0.2097	0.2095	Ave		0.2094				3.6		15.0			
Tert-butyl ethyl ether	1.2001 1.2332	1.2042	1.2120	1.2124	1.2404	Ave		1.2171				1.3		15.0			
Vinyl acetate	0.9990 1.1087	1.1029	1.0748	1.0733	1.0885	Ave		1.0745				3.7		15.0			
cis-1,2-Dichloroethene	0.3735 0.3853	0.3709	0.3802	0.3758	0.3929	Ave		0.3798				2.2		15.0			
2,2-Dichloropropane	0.4549 0.4276	0.3973	0.4130	0.4076	0.4364	Ave		0.4228				5.0		15.0			
Bromochloromethane	0.1923 0.1953	0.2010	0.1960	0.1915	0.2007	Ave		0.1961				2.1		15.0			
Cyclohexane	0.5019 0.5430	0.4993	0.5287	0.5256	0.5474	Ave		0.5243				3.8		15.0			
Chloroform	0.5422 0.5487	0.5352	0.5367	0.5291	0.5537	Ave		0.5409				1.7		30.0			

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
Ethyl acetate	0.0916 0.0360	0.0447	0.0350	0.0321	0.0330	Lin	-0.225	0.0341							0.9916		
Methyl acrylate	0.3928 0.4693	0.4271	0.4487	0.4466	0.4724	Ave		0.4428				6.7		15.0			
Carbon tetrachloride	0.3040 0.3529	0.3141	0.3360	0.3328	0.3560	Ave		0.3326				6.2		15.0			
Tetrahydrofuran	0.1764 0.1961	0.1967	0.1872	0.1829	0.1989	Ave		0.1897				4.7		15.0			
1,1,1-Trichloroethane	0.3733 0.4261	0.3976	0.4060	0.4050	0.4280	Ave		0.4060				5.0		15.0			
Methyl Ethyl Ketone	0.3201 0.3569	0.3333	0.3214	0.3418	0.3403	Ave		0.3356				4.1		15.0			
1,1-Dichloropropene	0.4632 0.4787	0.4555	0.4598	0.4603	0.4773	Ave		0.4658				2.1		15.0			
1-Chlorobutane	0.7521 0.7887	0.7574	0.7613	0.7612	0.7978	Ave		0.7698				2.4		15.0			
Benzene	1.3416 1.3649	1.3227	1.3222	1.3179	1.3805	Ave		1.3416				1.9		15.0			
Propionitrile	0.0641 0.0724	0.0711	0.0706	0.0690	0.0755	Ave		0.0705				5.4		15.0			
Methacrylonitrile	0.3421 0.3333	0.3279	0.3167	0.3151	0.3343	Ave		0.3282				3.2		15.0			
Tert-amyl methyl ether	0.9366 0.9949	1.0064	0.9717	0.9888	1.0093	Ave		0.9846				2.8		15.0			
1,2-Dichloroethane	0.3989 0.3960	0.3955	0.3890	0.3840	0.3985	Ave		0.3936				1.5		15.0			
Isobutyl alcohol	0.0147 0.0181	0.0185	0.0179	0.0178	0.0189	Ave		0.0177				8.5		15.0			
Methylcyclohexane	0.5890 0.6091	0.5880	0.5978	0.5979	0.6152	Ave		0.5995				1.8		15.0			
Trichloroethene	0.3272 0.3590	0.3432	0.3483	0.3399	0.3629	Ave		0.3467				3.8		15.0			
Dibromomethane	0.2258 0.2321	0.2281	0.2260	0.2291	0.2387	Ave		0.2299				2.1		15.0			
1,2-Dichloropropane	0.4009 0.4161	0.4100	0.4185	0.4081	0.4266	Ave		0.4134				2.2		30.0			
Ethyl acrylate	0.5732 0.6336	0.6705	0.6341	0.5964	0.7048	Ave		0.6354				7.5		15.0			
Bromodichloromethane	0.3497 0.3988	0.3733	0.3737	0.3850	0.4062	Ave		0.3811				5.3		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
Methyl methacrylate	0.2767 0.3233	0.3099	0.3145	0.3166	0.3295	Ave		0.3117				5.9		15.0			
1,4-Dioxane	0.0019 0.0038	0.0043	0.0035	0.0031	0.0034	Ave		0.0033				24.7	*	15.0			
2-Chloroethyl vinyl ether	0.1715 0.2165	0.2089	0.2094	0.2141	0.2156	Ave		0.2060				8.4		15.0			
cis-1,3-Dichloropropene	0.5019 0.5688	0.5284	0.5449	0.5470	0.5718	Ave		0.5438				4.8		15.0			
Toluene	1.6325 1.7168	1.5923	1.6080	1.6563	1.7153	Ave		1.6535				3.2		30.0			
Chloroacetonitrile	0.0159 0.0200	0.0183	0.0188	0.0192	0.0209	Ave		0.0189				9.0		15.0			
2-Nitropropane	0.0833 0.1039	0.0936	0.0935	0.0937	0.1049	Ave		0.0955				8.4		15.0			
1,1-Dichloro-2-propanone	0.2692 0.3990	0.3460	0.3499	0.3643	0.3923	Ave		0.3535				13.2		15.0			
Tetrachloroethene	0.2753 0.3011	0.2825	0.2877	0.2942	0.2992	Ave		0.2900				3.5		15.0			
methyl isobutyl ketone	0.6196 0.7003	0.6763	0.6477	0.6742	0.7018	Ave		0.6700				4.7		15.0			
trans-1,3-Dichloropropene	0.4235 0.4898	0.4627	0.4619	0.4799	0.4978	Ave		0.4693				5.7		15.0			
1,1,2-Trichloroethane	0.2878 0.3006	0.3085	0.3026	0.3006	0.3091	Ave		0.3015				2.6		15.0			
Ethyl methacrylate	0.4773 0.5845	0.5363	0.5498	0.5792	0.5871	Ave		0.5523				7.6		15.0			
Dibromochloromethane	0.3263 0.4282	0.3789	0.3983	0.4200	0.4333	Ave		0.3975				10.2		15.0			
1,3-Dichloropropane	0.6502 0.6781	0.6680	0.6556	0.6743	0.6812	Ave		0.6679				1.9		15.0			
1,2-Dibromoethane	0.4113 0.4489	0.4237	0.4264	0.4452	0.4539	Ave		0.4349				3.9		15.0			
2-Hexanone	0.4745 0.5536	0.5008	0.4976	0.5504	0.5387	Ave		0.5193				6.3		15.0			
Chlorobenzene	1.1200 1.1225	1.0920	1.1023	1.1170	1.1516	Ave		1.1176			0.3000	1.8		15.0			
1-Chlorohexane	0.6013 0.6758	0.6106	0.6069	0.6192	0.6183	Ave		0.6220				4.4		15.0			
Ethylbenzene	0.5787 0.5768	0.5574	0.5612	0.5673	0.5834	Ave		0.5708				1.8		30.0			

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
1,1,1,2-Tetrachloroethane	0.3230 0.3656	0.3371	0.3438	0.3588	0.3718	Ave		0.3500				5.3		15.0			
m&p-Xylene	0.6909	0.7085	0.7117	0.7260	0.7400	Ave		0.7154				2.6		15.0			
o-Xylene	0.6844 0.6886	0.6791	0.6772	0.6787	0.6843	Ave		0.6821				0.6		15.0			
Styrene	1.0601 1.1511	1.1291	1.1433	1.1608	1.1782	Ave		1.1371				3.6		15.0			
Bromoform	0.1690 0.2458	0.2069	0.2193	0.2364	0.2436	Ave		0.2202			0.1000	13.3		15.0			
Isopropylbenzene	3.9755 4.1945	3.9187	4.0678	4.0544	4.2717	Ave		4.0805				3.2		15.0			
Bromobenzene	0.9403 0.9990	0.9594	0.9839	0.9793	1.0289	Ave		0.9818				3.1		15.0			
N-Propylbenzene	5.0771 4.8326	4.9916	5.1543	5.1453	5.3682	Ave		5.0948				3.5		15.0			
1,1,2,2-Tetrachloroethane	1.2217 1.3244	1.2987	1.2747	1.2751	1.3424	Ave		1.2895			0.3000	3.3		15.0			
4-Ethyltoluene	4.1582 4.2976	4.1667	4.2198	4.2220	4.3727	Ave		4.2395				1.9		15.0			
2-Chlorotoluene	3.3565 3.2610	3.2395	3.3024	3.2385	3.3502	Ave		3.2914				1.6		15.0			
1,2,3-Trichloropropane	0.3502 0.3612	0.3623	0.3538	0.3512	0.3809	Ave		0.3599				3.2		15.0			
1,3,5-Trimethylbenzene	3.3969 3.3470	3.2599	3.3336	3.2535	3.4870	Ave		3.3463				2.6		15.0			
trans-1,4-Dichloro-2-butene	0.2955 0.3750	0.3140	0.3442	0.3551	0.3751	Ave		0.3431				9.5		15.0			
4-Chlorotoluene	2.9405 2.9688	2.8840	2.9275	2.9014	2.9853	Ave		2.9346				1.3		15.0			
tert-Butylbenzene	3.0151 2.9433	2.8816	2.9054	2.8500	3.0054	Ave		2.9335				2.3		15.0			
1,2,4-Trimethylbenzene	3.3911 3.3845	3.2643	3.3504	3.2846	3.4457	Ave		3.3534				2.0		15.0			
sec-Butylbenzene	4.7127 4.6989	4.6439	4.6318	4.5330	4.7962	Ave		4.6694				1.9		15.0			
4-Isopropyltoluene	3.6759 3.7046	3.6111	3.5901	3.5998	3.7505	Ave		3.6553				1.8		15.0			
1,3-Dichlorobenzene	1.7887 1.7584	1.7063	1.7360	1.7400	1.7888	Ave		1.7530				1.8		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
1,4-Dichlorobenzene	1.8563 1.7330	1.7945	1.7755	1.7420	1.8140	Ave		1.7859				2.6		15.0			
p-Diethylbenzene	1.7426 1.8257	1.7665	1.7929	1.7879	1.8409	Ave		1.7927				2.0		15.0			
Benzyl chloride	0.2837 0.4373	0.3565	0.3927	0.4041	0.4320	Ave		0.3844				14.9		15.0			
n-Butylbenzene	4.8007 5.3703	5.4060	5.6319	5.6776	5.8714	Ave		5.4597				6.8		15.0			
1,2-Dichlorobenzene	1.6447 1.6119	1.6017	1.6187	1.6159	1.6468	Ave		1.6233				1.1		15.0			
1,2,4,5-Tetramethylbenzene	2.7914 2.9745	2.7614	2.8885	2.9234	3.0031	Ave		2.8904				3.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1255 0.1790	0.1443	0.1598	0.1642	0.1810	Ave		0.1590				13.3		15.0			
Nitrobenzene	0.0254 0.0787	0.0338	0.0489	0.0620	0.0766	Ave		0.0542				40.7	*	15.0			
Hexachlorobutadiene	0.5507 0.5173	0.5184	0.4907	0.5048	0.5240	Ave		0.5177				3.9		15.0			
1,2,4-Trichlorobenzene	0.9923 1.0115	1.0006	0.9914	1.0252	0.9950	Ave		1.0027				1.3		15.0			
Naphthalene	2.9193 2.8677	2.8427	2.7786	2.8287	2.9305	Ave		2.8612				2.0		15.0			
1,2,3-Trichlorobenzene	0.9524 0.8750	0.8961	0.9029	0.9024	0.8914	Ave		0.9034				2.9		15.0			
Dibromofluoromethane	0.3503 0.3714	0.3652	0.3771	0.3748	0.3855	Ave		0.3707				3.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3300 0.3241	0.3219	0.3303	0.3252	0.3281	Ave		0.3266				1.0		15.0			
Toluene-d8 (Surr)	1.4060 1.4627	1.3694	1.4351	1.4640	1.4974	Ave		1.4391				3.2		15.0			
4-Bromofluorobenzene	1.2313 1.2173	1.2061	1.2882	1.2489	1.2773	Ave		1.2448				2.6		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 Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52848/6	N3729.D
Level 2	IC 220-52848/5	N3728.D
Level 3	IC 220-52848/4	N3727.D
Level 4	IC 220-52848/3	N3726.D
Level 5	IC 220-52848/2	N3725.D
Level 6	IC 220-52848/1	N3724.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Heptane	FB	Ave	+++++ 0	0	0	0	0	+++++ 200	20.0	50.0	100	150
Dichlorodifluoromethane	FB	Ave	4918 225686	42205	119524	258784	470699	5.00 200	20.0	50.0	100	150
Chloromethane	FB	Ave	74186 3355086	281887	836506	1649034	2453800	5.00 200	20.0	50.0	100	150
Vinyl chloride	FB	Ave	52361 2222954	203448	590823	1132467	1687997	5.00 200	20.0	50.0	100	150
Bromomethane	FB	Ave	29366 801209	104471	289883	462808	553948	5.00 200	20.0	50.0	100	150
Chloroethane	FB	Ave	41045 863481	130017	359399	617745	774383	5.00 200	20.0	50.0	100	150
Trichlorofluoromethane	FB	Ave	49876 1858713	192489	546040	1042639	1489147	5.00 200	20.0	50.0	100	150
Dichlorofluoromethane	FB	Ave	83552 2788259	326985	857570	1600351	2282341	5.00 200	20.0	50.0	100	150
Ethyl ether	FB	Ave	44763 1548025	171934	439848	855163	1203989	5.00 200	20.0	50.0	100	150
Ethanol	FB	Ave	25762 908006	108768	300726	535373	794344	50.0 2000	200	500	1000	1500
1,1-Dichloroethene	FB	Ave	39770 1648575	156721	424684	856259	1256870	5.00 200	20.0	50.0	100	150
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	45050 2020772	192138	511302	1040234	1528919	5.00 200	20.0	50.0	100	150
Carbon disulfide	FB	Ave	161535 7252202	628682	1759798	3613695	5429780	5.00 200	20.0	50.0	100	150
Iodomethane	FB	Ave	48980 2212317	194596	577920	1158858	1705173	5.00 200	20.0	50.0	100	150
Isopropyl alcohol	FB	Ave	5555 206984	23962	56407	94223	142311	5.00 200	20.0	50.0	100	150
Acrolein	FB	Ave	49493 2265340	219018	560311	1116918	1683278	25.0 1000	100	250	500	750

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	99063 4189676	396770	1058437	2132891	3137991	5.00 200	20.0	50.0	100	150
Methylene Chloride	FB	Ave	+++++ 4487742	263072	609619	1163552	1692718	+++++ 200	20.0	50.0	100	150
Acetone	FB	Ave	+++++ 1520234	160653	374450	810295	1053312	+++++ 200	20.0	50.0	100	150
Methyl acetate	FB	Qua	331288 19577327	1388128	3482493	7081331	10530741	5.00 200	20.0	50.0	100	150
trans-1,2-Dichloroethene	FB	Ave	50665 1509513	190856	516947	1037704	1538259	5.00 200	20.0	50.0	100	150
Methyl tert-butyl ether	FB	Ave	137521	557967	1423011	2951487	4305397	5.00	20.0	50.0	100	150
tert-Butyl alcohol	FB	Ave	43241	194579	460839	926472	1457024	25.0	100	250	500	750
Acetonitrile	FB	Ave	90544 3353323	347554	872711	1656565	2599928	50.0 2000	200	500	1000	1500
Isopropyl ether	FB	Ave	236012 9834117	924942	2437433	4964996	7236639	5.00 200	20.0	50.0	100	150
2-Chloro-1,3-butadiene	FB	Ave	42536 1982322	176078	471547	963718	1451364	5.00 200	20.0	50.0	100	150
1,1-Dichloroethane	FB	Ave	93666 3950728	381175	1004622	2029902	2982232	5.00 200	20.0	50.0	100	150
Acrylonitrile	FB	Ave	57717 2474348	253347	651638	1290327	1837148	10.0 400	40.0	100	200	300
Tert-butyl ethyl ether	FB	Ave	176760 7301838	700101	1839842	3730091	5439348	5.00 200	20.0	50.0	100	150
Vinyl acetate	FB	Ave	147128 6564511	641232	1631575	3302164	4773306	5.00 200	20.0	50.0	100	150
cis-1,2-Dichloroethene	FB	Ave	55005 2281529	215670	577199	1156231	1722796	5.00 200	20.0	50.0	100	150
2,2-Dichloropropane	FB	Ave	66996 2531745	230964	626982	1254223	1913463	5.00 200	20.0	50.0	100	150
Bromochloromethane	FB	Ave	28317 1156297	116855	297486	589229	880280	5.00 200	20.0	50.0	100	150
Cyclohexane	FB	Ave	73917 3215296	290305	802547	1617079	2400461	5.00 200	20.0	50.0	100	150
Chloroform	FB	Ave	79863 3249038	311138	814679	1627838	2428227	5.00 200	20.0	50.0	100	150
Ethyl acetate	FB	Lin	26979 426870	51922	106313	197805	289709	10.0 400	40.0	100	200	300
Methyl acrylate	FB	Ave	57859 2778843	248306	681087	1374213	2071612	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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 tetrachloride	FB	Ave	44773 2089822	182600	510068	1023789	1560914	5.00 200	20.0	50.0	100	150
Tetrahydrofuran	FB	Ave	51960 2321865	228747	568227	1125242	1744788	10.0 400	40.0	100	200	300
1,1,1-Trichloroethane	FB	Ave	54985 2522692	231179	616285	1246072	1876824	5.00 200	20.0	50.0	100	150
Methyl Ethyl Ketone	FB	Ave	47143 2112959	193779	487874	1051659	1492052	5.00 200	20.0	50.0	100	150
1,1-Dichloropropene	FB	Ave	68219 2834498	264836	698041	1416195	2092794	5.00 200	20.0	50.0	100	150
1-Chlorobutane	FB	Ave	110772 4669931	440361	1155684	2341934	3498587	5.00 200	20.0	50.0	100	150
Benzene	FB	Ave	197593 8081871	768992	2007111	4054672	6053560	5.00 200	20.0	50.0	100	150
Propionitrile	FB	Ave	94463 4289617	413644	1072172	2122871	3309701	50.0 2000	200	500	1000	1500
Methacrylonitrile	FB	Ave	50379 1973216	190621	480735	969546	1465873	5.00 200	20.0	50.0	100	150
Tert-amyl methyl ether	FB	Ave	137949 5890573	585105	1475093	3042366	4425955	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane	FB	Ave	58744 2344494	229918	590539	1181570	1747509	5.00 200	20.0	50.0	100	150
Isobutyl alcohol	FB	Ave	21653 1071459	107581	272204	549170	829787	50.0 2000	200	500	1000	1500
Methylcyclohexane	FB	Ave	86751 3606712	341838	907392	1839603	2697778	5.00 200	20.0	50.0	100	150
Trichloroethene	FB	Ave	48192 2125740	199525	528678	1045680	1591517	5.00 200	20.0	50.0	100	150
Dibromomethane	FB	Ave	33250 1374213	132633	343000	704730	1046612	5.00 200	20.0	50.0	100	150
1,2-Dichloropropane	FB	Ave	59044 2463770	238357	635341	1255585	1870858	5.00 200	20.0	50.0	100	150
Ethyl acrylate	FB	Ave	84419 3751482	389823	962530	1835090	3090455	5.00 200	20.0	50.0	100	150
Bromodichloromethane	FB	Ave	51505 2361021	217011	567279	1184445	1781016	5.00 200	20.0	50.0	100	150
Methyl methacrylate	FB	Ave	40750 1914092	180177	477353	974099	1445060	5.00 200	20.0	50.0	100	150
1,4-Dioxane	FB	Ave	2770 225605	25046	52767	95552	147902	50.0 2000	200	500	1000	1500
2-Chloroethyl vinyl ether	FB	Ave	25255 1281788	121440	317879	658676	945491	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	FB	Ave	73922 3368183	307193	827197	1683025	2507437	5.00 200	20.0	50.0	100	150
Toluene	CBZ	Ave	197377 8201904	779174	2027680	4116664	6185072	5.00 200	20.0	50.0	100	150
Chloroacetonitrile	FB	Ave	23470 1184046	106503	285760	592031	917426	50.0 2000	200	500	1000	1500
2-Nitropropane	FB	Ave	24538 1230723	108827	283765	576411	920119	10.0 400	40.0	100	200	300
1,1-Dichloro-2-propanone	CBZ	Ave	162762 9531721	846496	2206343	4527963	7072698	25.0 1000	100	250	500	750
Tetrachloroethene	CBZ	Ave	33283 1438317	138258	362726	731319	1078844	5.00 200	20.0	50.0	100	150
methyl isobutyl ketone	CBZ	Ave	74913 3345577	330919	816757	1675634	2530681	5.00 200	20.0	50.0	100	150
trans-1,3-Dichloropropene	FB	Ave	62371 2899852	269040	701147	1476409	2182924	5.00 200	20.0	50.0	100	150
1,1,2-Trichloroethane	FB	Ave	42385 1779658	179372	459390	924873	1355427	5.00 200	20.0	50.0	100	150
Ethyl methacrylate	CBZ	Ave	57705 2792183	262439	693219	1439565	2116921	5.00 200	20.0	50.0	100	150
Dibromochloromethane	CBZ	Ave	39450 2045478	185435	502192	1043822	1562253	5.00 200	20.0	50.0	100	150
1,3-Dichloropropane	CBZ	Ave	78615 3239487	326867	826639	1675941	2456393	5.00 200	20.0	50.0	100	150
1,2-Dibromoethane	CBZ	Ave	49727 2144392	207315	537616	1106473	1636694	5.00 200	20.0	50.0	100	150
2-Hexanone	CBZ	Ave	57368 2644839	245087	627413	1367954	1942273	5.00 200	20.0	50.0	100	150
Chlorobenzene	CBZ	Ave	135417 5362451	534346	1389979	2776451	4152598	5.00 200	20.0	50.0	100	150
1-Chlorohexane	CBZ	Ave	72705 3228445	298791	765236	1539120	2229276	5.00 200	20.0	50.0	100	150
Ethylbenzene	CBZ	Ave	69971 2755870	272774	707607	1409970	2103710	5.00 200	20.0	50.0	100	150
1,1,1,2-Tetrachloroethane	CBZ	Ave	39059 1746678	164953	433561	891702	1340691	5.00 200	20.0	50.0	100	150
m&p-Xylene	CBZ	Ave	167081	693368	1794855	3608835	5336244	10.0	40.0	100	200	300
o-Xylene	CBZ	Ave	82747 3289840	332329	853927	1687014	2467570	5.00 200	20.0	50.0	100	150
Styrene	CBZ	Ave	128177 5499219	552514	1441705	2885107	4248277	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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	20436 1174390	101230	276590	587538	878430	5.00 200	20.0	50.0	100	150
Isopropylbenzene	DCB	Ave	191164 7618579	773318	2004896	3952636	5836592	5.00 200	20.0	50.0	100	150
Bromobenzene	DCB	Ave	45216 1814452	189321	484944	954707	1405787	5.00 200	20.0	50.0	100	150
N-Propylbenzene	DCB	Ave	244131 8777487	985030	2540379	5016158	7334655	5.00 200	20.0	50.0	100	150
1,1,2,2-Tetrachloroethane	DCB	Ave	58745 2405591	256277	628247	1243114	1834198	5.00 200	20.0	50.0	100	150
4-Ethyltoluene	DCB	Ave	199945 7805769	822255	2079791	4116027	5974471	5.00 200	20.0	50.0	100	150
2-Chlorotoluene	DCB	Ave	161399 5923103	639273	1627661	3157171	4577494	5.00 200	20.0	50.0	100	150
1,2,3-Trichloropropane	DCB	Ave	16840 656123	71486	174398	342368	520384	5.00 200	20.0	50.0	100	150
1,3,5-Trimethylbenzene	DCB	Ave	163340 6079189	643311	1643045	3171794	4764373	5.00 200	20.0	50.0	100	150
trans-1,4-Dichloro-2-butene	DCB	Ave	28421 1362298	123923	339289	692339	1024952	10.0 400	40.0	100	200	300
4-Chlorotoluene	DCB	Ave	141396 5392310	569115	1442886	2828510	4078925	5.00 200	20.0	50.0	100	150
tert-Butylbenzene	DCB	Ave	144981 5345969	568647	1431980	2778459	4106416	5.00 200	20.0	50.0	100	150
1,2,4-Trimethylbenzene	DCB	Ave	163062 6147249	644181	1651313	3202151	4707951	5.00 200	20.0	50.0	100	150
sec-Butylbenzene	DCB	Ave	226608 8534724	916428	2282881	4419202	6553211	5.00 200	20.0	50.0	100	150
4-Isopropyltoluene	DCB	Ave	176757 6728790	712613	1769459	3509377	5124379	5.00 200	20.0	50.0	100	150
1,3-Dichlorobenzene	DCB	Ave	86008 3193773	336727	855601	1696305	2444030	5.00 200	20.0	50.0	100	150
1,4-Dichlorobenzene	DCB	Ave	89261 3147670	354131	875107	1698237	2478558	5.00 200	20.0	50.0	100	150
p-Diethylbenzene	DCB	Ave	83793 3316108	348589	883677	1743003	2515230	5.00 200	20.0	50.0	100	150
Benzyl chloride	DCB	Ave	13641 794222	70360	193531	393944	590189	5.00 200	20.0	50.0	100	150
n-Butylbenzene	DCB	Ave	230843 9754178	1066807	2775788	5535081	8022241	5.00 200	20.0	50.0	100	150
1,2-Dichlorobenzene	DCB	Ave	79084 2927710	316072	797798	1575325	2250053	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4,5-Tetramethylbenzene	DCB	Ave	134224 5402631	544926	1423658	2850006	4103235	5.00 200	20.0	50.0	100	150
1,2-Dibromo-3-Chloropropane	DCB	Ave	6037 325173	28481	78779	160106	247361	5.00 200	20.0	50.0	100	150
Nitrobenzene	DCB	Ave	12237 1429791	66794	241017	603979	1046466	50.0 2000	200	500	1000	1500
Hexachlorobutadiene	DCB	Ave	26481 939617	102304	241870	492080	715924	5.00 200	20.0	50.0	100	150
1,2,4-Trichlorobenzene	DCB	Ave	47714 1837178	197455	488645	999477	1359449	5.00 200	20.0	50.0	100	150
Naphthalene	DCB	Ave	140376 5208630	560982	1369463	2757696	4003952	5.00 200	20.0	50.0	100	150
1,2,3-Trichlorobenzene	DCB	Ave	45794 1589269	176834	445034	879725	1217968	5.00 200	20.0	50.0	100	150
Dibromofluoromethane	FB	Ave	51593 2199133	212341	286209	1153007	1690633	5.00 200	20.0	25.0	100	150
1,2-Dichloroethane-d4 (Surr)	FB	Ave	48606 1919012	187148	250676	1000415	1438798	5.00 200	20.0	25.0	100	150
Toluene-d8 (Surr)	CBZ	Ave	169994 6988135	670095	904776	3638862	5399164	5.00 200	20.0	25.0	100	150
4-Bromofluorobenzene	DCB	Ave	59209 2210926	238009	317449	1217509	1745176	5.00 200	20.0	25.0	100	150

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3724.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 13-JUL-2011 17:15 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;200
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:50 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 19:37 Cal File: N3729.D
Als bottle: 100 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.796	4.796	(1.000)	740130	25.0000	
2	Dichlorodifluoromethane	85	1.232	1.232	(0.257)	225686	200.000	110
3	Chloromethane	50	1.271	1.271	(0.265)	3355086	200.000	210(A)
4	Vinyl Chloride	62	1.311	1.311	(0.273)	2222954	200.000	200(A)
5	Bromomethane	94	1.488	1.488	(0.310)	801209	200.000	160
6	Chloroethane	64	1.547	1.547	(0.323)	863481	200.000	140
7	Trichlorofluoromethane	101	1.616	1.616	(0.337)	1858713	200.000	190
8	Dichlorofluoromethane	67	1.646	1.646	(0.343)	2788259	200.000	180
9	Ethyl Ether	45	1.783	1.783	(0.372)	1548025	200.000	180
10	Ethanol	45	1.843	1.843	(0.384)	908006	2000.00	1700
12	Freon 123	67	1.912	1.912	(0.399)	540219	200.000	210(A)
13	Trichlorotrifluoroethane	101	1.921	1.921	(0.401)	2020772	200.000	200(A)
14	1,1-Dichloroethene	96	1.912	1.912	(0.399)	1648575	200.000	200(A)
15	Carbon Disulfide	76	1.941	1.941	(0.405)	7252202	200.000	210(A)
16	Iodomethane	142	2.010	2.010	(0.419)	2212317	200.000	200(A)
17	Acrolein	56	2.109	2.109	(0.440)	2265340	1000.00	1000(A)
18	2-Propanol	45	2.030	2.030	(0.423)	206984	200.000	200
19	3-Chloro-1-Propene	41	2.197	2.197	(0.458)	4189676	200.000	200(A)
20	Methylene Chloride	84	2.266	2.266	(0.473)	4487742	200.000	320(A)
21	Acetone	43	2.296	2.296	(0.479)	1520234	200.000	200(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.365	2.365	(0.493)	1509513	200.000	160
	23 Methyl Acetate	43	2.365	2.365	(0.493)	19577327	200.000	200(A)
	24 Methyl tert-Butyl Ether	73	2.530	2.530	(0.528)	82786	200.000	3(M)
	25 tert-Butyl alcohol	59	2.365	2.365	(0.493)	1684813	1000.00	910(M)
	26 Acetonitrile	41	2.628	2.628	(0.548)	3353323	2000.00	2000
	27 Isopropyl ether	45	2.717	2.717	(0.567)	9834117	200.000	200(A)
	28 tert-Butyl ethyl ether	59	3.032	3.032	(0.632)	7301838	200.000	200(A)
	29 2-Chloro-1,3-Butadiene	88	2.825	2.825	(0.589)	1982322	200.000	210(A)
	30 Acrylonitrile	53	2.875	2.875	(0.599)	2474348	400.000	400
	31 1,1-Dichloroethane	63	2.845	2.845	(0.593)	3950728	200.000	200(A)
	32 Vinyl Acetate	43	3.042	3.042	(0.634)	6564511	200.000	210(A)
	33 cis-1,2-Dichloroethene	96	3.328	3.328	(0.694)	2281529	200.000	200(A)
	34 2,2-Dichloropropane	77	3.446	3.446	(0.719)	2531745	200.000	200(A)
	35 Bromochloromethane	128	3.535	3.535	(0.737)	1156297	200.000	200
	37 Cyclohexane	84	3.554	3.554	(0.741)	3215296	200.000	210(A)
	38 Chloroform	83	3.614	3.614	(0.754)	3249038	200.000	200(A)
	39 Ethyl Acetate	43	3.742	3.742	(0.780)	426870	400.000	420(A)
	40 Methyl Acrylate	55	3.751	3.751	(0.782)	2778843	200.000	210(A)
$	41 Dibromofluoromethane	111	3.820	3.820	(0.797)	2199133	200.000	200(A)
	42 Tetrahydrofuran	42	3.791	3.791	(0.790)	2321865	400.000	410(A)
	43 Carbon Tetrachloride	117	3.781	3.781	(0.788)	2089822	200.000	210(A)
	44 1,1,1-Trichloroethane	97	3.850	3.850	(0.803)	2522692	200.000	210(A)
	45 2-Butanone	43	3.958	3.958	(0.825)	2112959	200.000	210(A)
	46 1,1-Dichloropropene	75	3.998	3.998	(0.834)	2834498	200.000	200(A)
	47 tert-Amyl methyl ether	73	4.451	4.451	(0.928)	5890573	200.000	200(A)
	49 1-Chlorobutane	56	4.067	4.067	(0.848)	4669931	200.000	200(A)
	51 Propionitrile	54	4.323	4.323	(0.901)	4289617	2000.00	2000(A)
	52 Benzene	78	4.303	4.303	(0.897)	8081871	200.000	200(A)
	53 2-Methyl-2-Propenenitrile	41	4.352	4.352	(0.908)	1973216	200.000	200(A)
	54 Isobutyl alcohol	42	4.599	4.599	(0.959)	1071459	2000.00	2000(A)
$	55 1,2-Dichloroethane-d4	65	4.461	4.461	(0.930)	1919012	200.000	200
	56 1,2-Dichloroethane	62	4.540	4.540	(0.947)	2344494	200.000	200(A)
	59 Methyl Cyclohexane	83	4.983	4.983	(1.039)	3606712	200.000	200(A)
	60 Trichloroethene	130	4.993	4.993	(1.041)	2125740	200.000	210(A)
	63 Dibromomethane	93	5.436	5.436	(1.134)	1374213	200.000	200(A)
	64 1,2-Dichloropropane	63	5.535	5.535	(1.154)	2463770	200.000	200(A)
	65 Bromodichloromethane	83	5.613	5.613	(1.170)	2361021	200.000	210(A)
	66 Methyl Methacrylate	69	5.801	5.801	(1.210)	1914092	200.000	210(A)
	67 1,4-Dioxane	58	5.850	5.850	(1.220)	225605	2000.00	2300(M)
	69 2-Chloroethylvinylether	63	6.214	6.214	(1.296)	1281788	200.000	210(A)
	174 Ethyl acrylate	55	5.594	5.594	(1.166)	3751482	200.000	200(A)
	70 cis-1,3-Dichloropropene	75	6.254	6.254	(1.304)	3368183	200.000	210(A)
	71 Chloroacetonitrile	48	6.628	6.628	(1.382)	1184046	2000.00	2100(A)
	72 2-Nitropropane	41	6.707	6.707	(1.398)	1230723	400.000	440(A)
	73 trans-1,3-Dichloropropene	75	6.894	6.894	(1.438)	2899852	200.000	210(A)
	74 1,1,2-Trichloroethane	97	7.042	7.042	(1.468)	1779658	200.000	200
*	75 Chlorobenzene-d5	117	7.879	7.879	(1.000)	597181	25.0000	
	76 Toluene	91	6.490	6.490	(0.824)	8201904	200.000	210(A)
$	77 Toluene-d8	98	6.441	6.441	(0.817)	6988135	200.000	200(A)
	78 1,1-Dichloro-2-propanone	43	6.717	6.717	(0.852)	9531721	1000.00	1100(A)
	79 4-Methyl-2-Pentanone	43	6.865	6.865	(0.871)	3345577	200.000	210(A)
	80 Tetrachloroethene	164	6.855	6.855	(0.870)	1438317	200.000	210(A)
	81 Ethyl Methacrylate	69	7.071	7.071	(0.897)	2792183	200.000	210(A)
	82 Dibromochloromethane	129	7.200	7.200	(0.914)	2045478	200.000	220(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	83 1,3-Dichloropropane	76	7.288	7.288	(0.925)	3239487	200.000	200(A)
	84 1,2-Dibromoethane	107	7.397	7.397	(0.939)	2144392	200.000	210(A)
	86 2-Hexanone	43	7.643	7.643	(0.970)	2644839	200.000	210(A)
	87 1-Chlorohexane	91	7.899	7.899	(1.002)	3228445	200.000	220(A)
	88 Chlorobenzene	112	7.889	7.889	(1.001)	5362451	200.000	200(A)
	89 1,1,1,2-Tetrachloroethane	131	7.958	7.958	(1.010)	1746678	200.000	210(A)
	90 Ethylbenzene	106	7.929	7.929	(1.006)	2755870	200.000	200(A)
	91 Xylene (total)mp	106	8.057	8.057	(1.023)	16024652	400.000	940(A)
	92 Xylene (total)o	106	8.443	8.443	(1.072)	3289840	200.000	200(A)
	93 Styrene	104	8.482	8.482	(1.077)	5499219	200.000	200(A)
	94 Bromoform	173	8.502	8.502	(1.079)	1174390	200.000	220(A)
*	95 1,4-Dichlorobenzene-d4	152	9.930	9.930	(1.000)	227040	25.0000	
	96 Isopropylbenzene	105	8.719	8.719	(0.878)	7618579	200.000	200(A)
	97 Bromobenzene	156	9.044	9.044	(0.911)	1814452	200.000	200(A)
	98 1,1,2,2-Tetrachloroethane	83	9.152	9.152	(0.922)	2405591	200.000	200(AH)
	99 4-Ethyltoluene	105	9.182	9.182	(0.925)	7805769	200.000	200(AH)
	100 1,2,3-Trichloropropane	110	9.251	9.251	(0.932)	656123	200.000	200(A)
	101 trans-1,4-Dichloro-2-Butene	53	9.300	9.300	(0.937)	1362298	400.000	440(A)
	102 n-Propylbenzene	91	9.083	9.083	(0.915)	8777487	200.000	190(H)
	103 2-Chlorotoluene	91	9.211	9.211	(0.928)	5923103	200.000	200(H)
	104 4-Chlorotoluene	91	9.359	9.359	(0.942)	5392310	200.000	200(A)
	105 1,3,5-Trimethylbenzene	105	9.260	9.260	(0.933)	6079189	200.000	200(A)
	106 tert-Butylbenzene	119	9.536	9.536	(0.960)	5345969	200.000	200(A)
	107 1,2,4-Trimethylbenzene	105	9.595	9.595	(0.966)	6147249	200.000	200(A)
	108 sec-Butylbenzene	105	9.684	9.684	(0.975)	8534724	200.000	200(A)
	109 4-Isopropyltoluene	119	9.822	9.822	(0.989)	6728790	200.000	200(A)
	110 1,3-Dichlorobenzene	146	9.871	9.871	(0.994)	3193773	200.000	200(A)
	111 1,4-Dichlorobenzene	146	9.950	9.950	(1.002)	3147670	200.000	190
	112 1,2-Dichlorobenzene	146	10.305	10.305	(1.038)	2927710	200.000	200
	113 Benzyl Chloride	126	10.167	10.167	(1.024)	794222	200.000	230(A)
	114 1,4-Diethylbenzene	119	10.137	10.137	(1.021)	3316108	200.000	200(A)
	115 n-Butylbenzene	91	10.186	10.186	(1.026)	9754178	200.000	200
	118 1,2,4,5-Tetramethylbenzene	119	10.837	10.837	(1.091)	5402631	200.000	200(A)
	119 1,2-Dibromo-3-chloropropane	75	11.004	11.004	(1.108)	325173	200.000	220(A)
	120 Nitrobenzene	77	11.497	11.497	(1.158)	1429791	2000.00	2900(A)
	121 1,2,4-Trichlorobenzene	180	11.605	11.605	(1.169)	1837178	200.000	200(A)
	122 Hexachlorobutadiene	225	11.595	11.595	(1.168)	939617	200.000	200
	123 Naphthalene	128	11.881	11.881	(1.196)	5208630	200.000	200(A)
	124 1,2,3-Trichlorobenzene	180	12.048	12.048	(1.213)	1589269	200.000	190
$	125 Bromofluorobenzene	95	8.955	8.955	(0.902)	2210926	200.000	200
M	126 1,2-Dichloroethene (total)	100				3791042	400.000	360
M	127 Xylene (total)	100				19314492	600.000	1100

QC Flag Legend

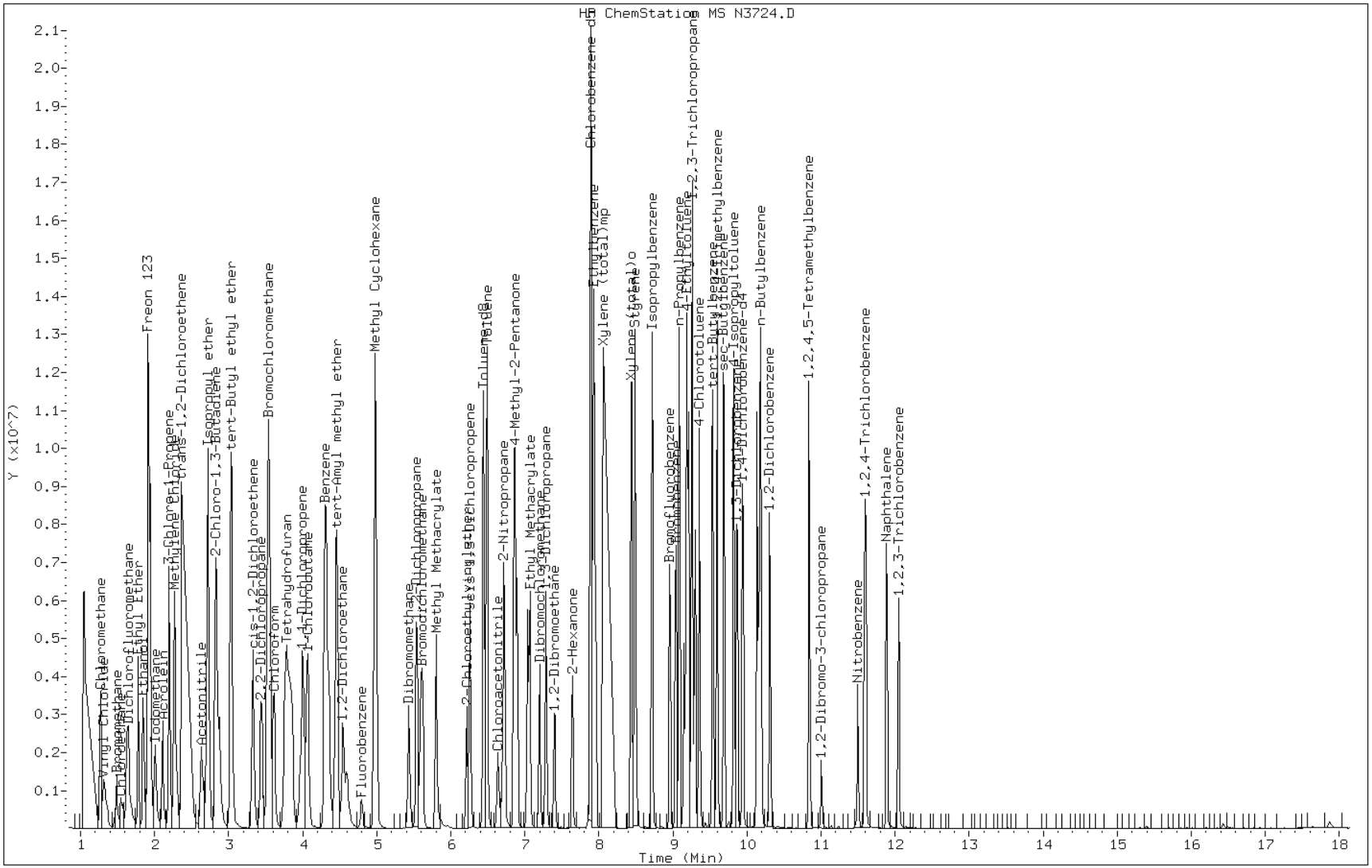
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3724.D

Date: 13-JUL-2011 17:15

Client ID: IC;200 Instrument: msn.i

Sample Info: IC;200 Operator: D. HUMBERT



Manual Integration Report

Data File: N3724.D
Inj. Date and Time: 13-JUL-2011 17:15
Instrument ID: msn.i
Client ID: IC;200
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

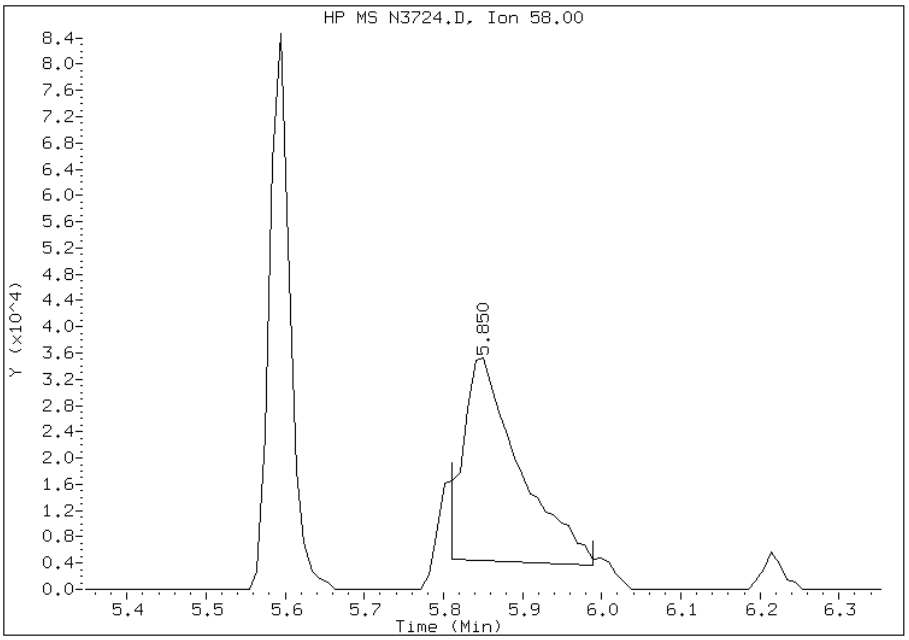
Processing Integration Results

RT: 5.85

Response: 156930

Amount: 1847

Conc: 1847



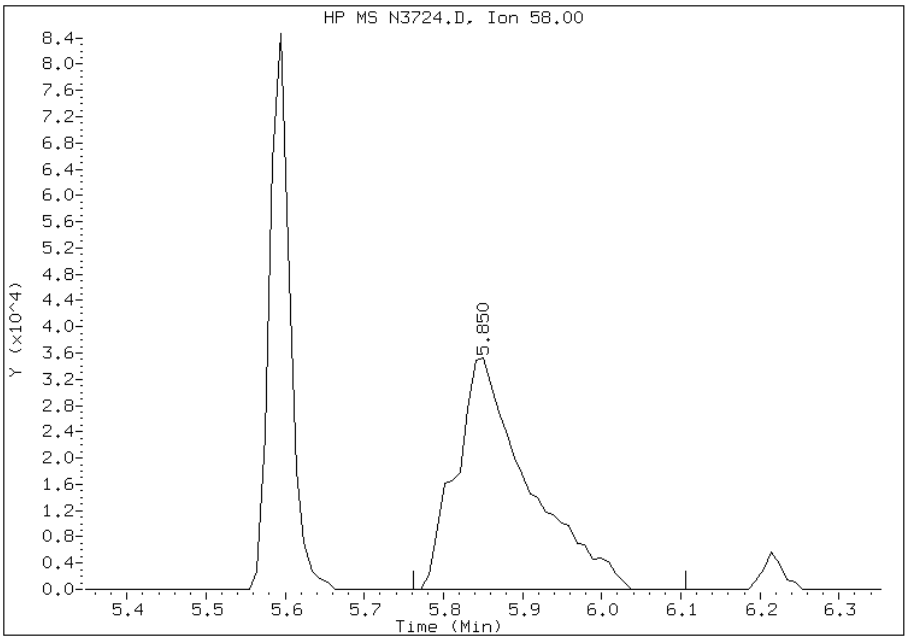
Manual Integration Results

RT: 5.85

Response: 225605

Amount: 2291

Conc: 2291



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3725.D
Lab Smp Id: IC;150 Client Smp ID: IC;150
Inj Date : 13-JUL-2011 17:41 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;150
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 100 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.800	4.800	(1.000)	730844	25.0000	
2	Dichlorodifluoromethane	85	1.214	1.214	(0.253)	470699	150.000	420(A)
3	Chloromethane	50	1.273	1.273	(0.265)	2453800	150.000	150
4	Vinyl Chloride	62	1.313	1.313	(0.274)	1687997	150.000	150
5	Bromomethane	94	1.480	1.480	(0.308)	553948	150.000	140
6	Chloroethane	64	1.549	1.549	(0.323)	774383	150.000	180
7	Trichlorofluoromethane	101	1.618	1.618	(0.337)	1489147	150.000	160
8	Dichlorofluoromethane	67	1.648	1.648	(0.343)	2282341	150.000	160
9	Ethyl Ether	45	1.786	1.786	(0.372)	1203989	150.000	160
10	Ethanol	45	1.845	1.845	(0.384)	794344	1500.00	1800
12	Freon 123	67	1.914	1.914	(0.399)	409636	150.000	150
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.401)	1528919	150.000	150
14	1,1-Dichloroethene	96	1.914	1.914	(0.399)	1256870	150.000	150
15	Carbon Disulfide	76	1.943	1.943	(0.405)	5429780	150.000	150
16	Iodomethane	142	2.012	2.012	(0.419)	1705173	150.000	160
17	Acrolein	56	2.111	2.111	(0.440)	1683278	750.000	750
18	2-Propanol	45	2.032	2.032	(0.423)	142311	150.000	140
19	3-Chloro-1-Propene	41	2.199	2.199	(0.458)	3137991	150.000	150
20	Methylene Chloride	84	2.268	2.268	(0.473)	1692718	150.000	76
21	Acetone	43	2.298	2.298	(0.479)	1053312	150.000	140

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.495)	1538259	150.000	210(A)
	23 Methyl Acetate	43	2.367	2.367	(0.493)	10530741	150.000	110
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.510)	4305397	150.000	0.0
	25 tert-Butyl alcohol	59	2.485	2.485	(0.518)	1457024	750.000	0.0(H)
	26 Acetonitrile	41	2.633	2.633	(0.549)	2599928	1500.00	1600
	27 Isopropyl ether	45	2.722	2.722	(0.567)	7236639	150.000	150
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.633)	5439348	150.000	150
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.590)	1451364	150.000	150
	30 Acrylonitrile	53	2.879	2.879	(0.600)	1837148	300.000	300
	31 1,1-Dichloroethane	63	2.850	2.850	(0.594)	2982232	150.000	150
	32 Vinyl Acetate	43	3.047	3.047	(0.635)	4773306	150.000	150
	33 cis-1,2-Dichloroethene	96	3.332	3.332	(0.694)	1722796	150.000	150
	34 2,2-Dichloropropane	77	3.441	3.441	(0.717)	1913463	150.000	150
	35 Bromochloromethane	128	3.539	3.539	(0.737)	880280	150.000	150
	37 Cyclohexane	84	3.549	3.549	(0.739)	2400461	150.000	150
	38 Chloroform	83	3.608	3.608	(0.752)	2428227	150.000	150
	39 Ethyl Acetate	43	3.746	3.746	(0.780)	289709	300.000	270
	40 Methyl Acrylate	55	3.756	3.756	(0.782)	2071612	150.000	150
$	41 Dibromofluoromethane	111	3.815	3.815	(0.795)	1690633	150.000	160
	42 Tetrahydrofuran	42	3.795	3.795	(0.791)	1744788	300.000	300
	43 Carbon Tetrachloride	117	3.776	3.776	(0.787)	1560914	150.000	150
	44 1,1,1-Trichloroethane	97	3.854	3.854	(0.803)	1876824	150.000	150
	45 2-Butanone	43	3.963	3.963	(0.826)	1492052	150.000	140
	46 1,1-Dichloropropene	75	4.002	4.002	(0.834)	2092794	150.000	150
	47 tert-Amyl methyl ether	73	4.455	4.455	(0.928)	4425955	150.000	150
	49 1-Chlorobutane	56	4.071	4.071	(0.848)	3498587	150.000	150
	51 Propionitrile	54	4.327	4.327	(0.902)	3309701	1500.00	1600
	52 Benzene	78	4.308	4.308	(0.897)	6053560	150.000	150
	53 2-Methyl-2-Propenenitrile	41	4.357	4.357	(0.908)	1465873	150.000	150
	54 Isobutyl alcohol	42	4.583	4.583	(0.955)	829787	1500.00	1600
$	55 1,2-Dichloroethane-d4	65	4.465	4.465	(0.930)	1438798	150.000	150
	56 1,2-Dichloroethane	62	4.544	4.544	(0.947)	1747509	150.000	150
	59 Methyl Cyclohexane	83	4.978	4.978	(1.037)	2697778	150.000	150
	60 Trichloroethene	130	4.987	4.987	(1.039)	1591517	150.000	150
	63 Dibromomethane	93	5.431	5.431	(1.131)	1046612	150.000	150
	64 1,2-Dichloropropane	63	5.539	5.539	(1.154)	1870858	150.000	150
	65 Bromodichloromethane	83	5.618	5.618	(1.170)	1781016	150.000	150
	66 Methyl Methacrylate	69	5.805	5.805	(1.209)	1445060	150.000	150
	67 1,4-Dioxane	58	5.835	5.835	(1.215)	147902	1500.00	1300
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.296)	945491	150.000	150
	174 Ethyl acrylate	55	5.588	5.588	(1.164)	3090455	150.000	170(A)
	70 cis-1,3-Dichloropropene	75	6.258	6.258	(1.304)	2507437	150.000	150
	71 Chloroacetonitrile	48	6.633	6.633	(1.382)	917426	1500.00	1600
	72 2-Nitropropane	41	6.702	6.702	(1.396)	920119	300.000	300
	73 trans-1,3-Dichloropropene	75	6.899	6.899	(1.437)	2182924	150.000	150
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.466)	1355427	150.000	150
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	600964	25.0000	
	76 Toluene	91	6.495	6.495	(0.825)	6185072	150.000	150
$	77 Toluene-d8	98	6.445	6.445	(0.819)	5399164	150.000	150
	78 1,1-Dichloro-2-propanone	43	6.721	6.721	(0.854)	7072698	750.000	740
	79 4-Methyl-2-Pentanone	43	6.859	6.859	(0.871)	2530681	150.000	150
	80 Tetrachloroethene	164	6.859	6.859	(0.871)	1078844	150.000	150
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	2116921	150.000	150
	82 Dibromochloromethane	129	7.204	7.204	(0.915)	1562253	150.000	150

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.283	7.283	(0.925)	2456393	150.000	150
84	1,2-Dibromoethane	107	7.401	7.401	(0.940)	1636694	150.000	150
86	2-Hexanone	43	7.637	7.637	(0.970)	1942273	150.000	140
87	1-Chlorohexane	91	7.894	7.894	(1.002)	2229276	150.000	140
88	Chlorobenzene	112	7.894	7.894	(1.002)	4152598	150.000	150
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	1340691	150.000	150
90	Ethylbenzene	106	7.923	7.923	(1.006)	2103710	150.000	150
91	Xylene (total)mp	106	8.061	8.061	(1.024)	5336244	300.000	0.0
92	Xylene (total)o	106	8.435	8.435	(1.071)	2467570	150.000	150
93	Styrene	104	8.485	8.485	(1.078)	4248277	150.000	150
94	Bromoform	173	8.495	8.495	(1.079)	878430	150.000	150
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	227721	25.0000	
96	Isopropylbenzene	105	8.721	8.721	(0.878)	5836592	150.000	150
97	Bromobenzene	156	9.036	9.036	(0.910)	1405787	150.000	150
98	1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	1834198	150.000	150
99	4-Ethyltoluene	105	9.184	9.184	(0.925)	5974471	150.000	150(H)
100	1,2,3-Trichloropropane	110	9.253	9.253	(0.932)	520384	150.000	160
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	1024952	300.000	300
102	n-Propylbenzene	91	9.086	9.086	(0.915)	7334655	150.000	170
103	2-Chlorotoluene	91	9.204	9.204	(0.927)	4577494	150.000	150
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	4078925	150.000	150
105	1,3,5-Trimethylbenzene	105	9.263	9.263	(0.933)	4764373	150.000	160
106	tert-Butylbenzene	119	9.529	9.529	(0.959)	4106416	150.000	150
107	1,2,4-Trimethylbenzene	105	9.598	9.598	(0.966)	4707951	150.000	150
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	6553211	150.000	150
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	5124379	150.000	150
110	1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	2444030	150.000	150
111	1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	2478558	150.000	160
112	1,2-Dichlorobenzene	146	10.307	10.307	(1.038)	2250053	150.000	150
113	Benzyl Chloride	126	10.160	10.160	(1.023)	590189	150.000	150
114	1,4-Diethylbenzene	119	10.130	10.130	(1.020)	2515230	150.000	150
115	n-Butylbenzene	91	10.179	10.179	(1.025)	8022241	150.000	160
118	1,2,4,5-Tetramethylbenzene	119	10.839	10.839	(1.091)	4103235	150.000	150
119	1,2-Dibromo-3-chloropropane	75	10.997	10.997	(1.107)	247361	150.000	150
120	Nitrobenzene	77	11.489	11.489	(1.157)	1046466	1500.00	1400
121	1,2,4-Trichlorobenzene	180	11.598	11.598	(1.168)	1359449	150.000	150
122	Hexachlorobutadiene	225	11.588	11.588	(1.167)	715924	150.000	150
123	Naphthalene	128	11.884	11.884	(1.196)	4003952	150.000	150
124	1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	1217968	150.000	150
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	1745176	150.000	160
M 126	1,2-Dichloroethene (total)	100				3261055	300.000	360
M 127	Xylene (total)	100				7803814	450.000	150

QC Flag Legend

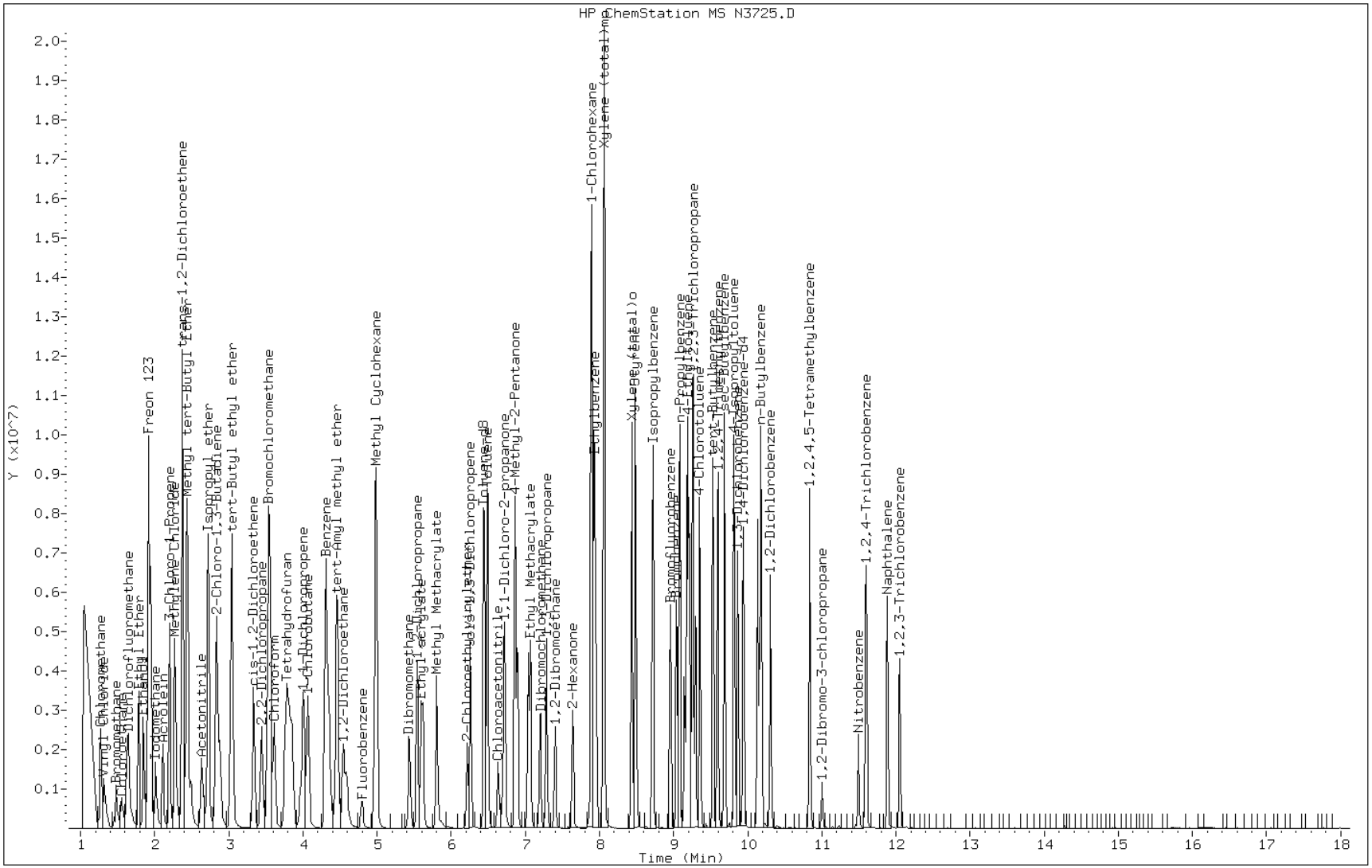
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: N3725.D

Date: 13-JUL-2011 17:41

Client ID: IC;150 Instrument: msn.i

Sample Info: IC;150 Operator: D. HUMBERT



Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3726.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 13-JUL-2011 18:21 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 17:41 Cal File: N3725.D
Als bottle: 100 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.801	4.801	(1.000)	769182	25.0000	
2	Dichlorodifluoromethane	85	1.215	1.215	(0.253)	258784	100.000	120
3	Chloromethane	50	1.274	1.274	(0.265)	1649034	100.000	95
4	Vinyl Chloride	62	1.313	1.313	(0.274)	1132467	100.000	97
5	Bromomethane	94	1.481	1.481	(0.308)	462808	100.000	110
6	Chloroethane	64	1.550	1.550	(0.323)	617745	100.000	120
7	Trichlorofluoromethane	101	1.628	1.628	(0.339)	1042639	100.000	100
8	Dichlorofluoromethane	67	1.648	1.648	(0.343)	1600351	100.000	100
9	Ethyl Ether	45	1.786	1.786	(0.372)	855163	100.000	100
10	Ethanol	45	1.845	1.845	(0.384)	535373	1000.00	1000
12	Freon 123	67	1.914	1.914	(0.399)	277791	100.000	98
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.401)	1040234	100.000	98
14	1,1-Dichloroethene	96	1.914	1.914	(0.399)	856259	100.000	98
15	Carbon Disulfide	76	1.944	1.944	(0.405)	3613695	100.000	95
16	Iodomethane	142	2.013	2.013	(0.419)	1158858	100.000	99
17	Acrolein	56	2.111	2.111	(0.440)	1116918	500.000	470
18	2-Propanol	45	2.032	2.032	(0.423)	94223	100.000	91
19	3-Chloro-1-Propene	41	2.200	2.200	(0.458)	2132891	100.000	97
20	Methylene Chloride	84	2.269	2.269	(0.473)	1163552	100.000	66
21	Acetone	43	2.288	2.288	(0.477)	810295	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.495)	1037704	100.000	110
	23 Methyl Acetate	43	2.367	2.367	(0.493)	7081331	100.000	130
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.510)	2951487	100.000	98
	25 tert-Butyl alcohol	59	2.485	2.485	(0.518)	926472	500.000	450(H)
	26 Acetonitrile	41	2.633	2.633	(0.549)	1656565	1000.00	930
	27 Isopropyl ether	45	2.722	2.722	(0.567)	4964996	100.000	97
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.633)	3730091	100.000	98
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.590)	963718	100.000	94
	30 Acrylonitrile	53	2.879	2.879	(0.600)	1290327	200.000	200
	31 1,1-Dichloroethane	63	2.840	2.840	(0.592)	2029902	100.000	98
	32 Vinyl Acetate	43	3.037	3.037	(0.633)	3302164	100.000	98
	33 cis-1,2-Dichloroethene	96	3.333	3.333	(0.694)	1156231	100.000	96
	34 2,2-Dichloropropane	77	3.441	3.441	(0.717)	1254223	100.000	94
	35 Bromochloromethane	128	3.540	3.540	(0.737)	589229	100.000	97
	37 Cyclohexane	84	3.549	3.549	(0.739)	1617079	100.000	96
	38 Chloroform	83	3.608	3.608	(0.752)	1627838	100.000	96
	39 Ethyl Acetate	43	3.746	3.746	(0.780)	197805	200.000	220
	40 Methyl Acrylate	55	3.756	3.756	(0.782)	1374213	100.000	95
$	41 Dibromofluoromethane	111	3.815	3.815	(0.795)	1153007	100.000	99
	42 Tetrahydrofuran	42	3.786	3.786	(0.789)	1125242	200.000	180
	43 Carbon Tetrachloride	117	3.776	3.776	(0.787)	1023789	100.000	94
	44 1,1,1-Trichloroethane	97	3.855	3.855	(0.803)	1246072	100.000	95
	45 2-Butanone	43	3.963	3.963	(0.826)	1051659	100.000	98
	46 1,1-Dichloropropene	75	4.003	4.003	(0.834)	1416195	100.000	96
	47 tert-Amyl methyl ether	73	4.456	4.456	(0.928)	3042366	100.000	99
	49 1-Chlorobutane	56	4.062	4.062	(0.846)	2341934	100.000	96
	51 Propionitrile	54	4.328	4.328	(0.902)	2122871	1000.00	930
	52 Benzene	78	4.308	4.308	(0.897)	4054672	100.000	96
	53 2-Methyl-2-Propenenitrile	41	4.347	4.347	(0.906)	969546	100.000	94
	54 Isobutyl alcohol	42	4.584	4.584	(0.955)	549170	1000.00	960
$	55 1,2-Dichloroethane-d4	65	4.466	4.466	(0.930)	1000415	100.000	100
	56 1,2-Dichloroethane	62	4.544	4.544	(0.947)	1181570	100.000	97
	59 Methyl Cyclohexane	83	4.978	4.978	(1.037)	1839603	100.000	98
	60 Trichloroethene	130	4.988	4.988	(1.039)	1045680	100.000	94
	63 Dibromomethane	93	5.431	5.431	(1.131)	704730	100.000	97
	64 1,2-Dichloropropane	63	5.539	5.539	(1.154)	1255585	100.000	97
	65 Bromodichloromethane	83	5.618	5.618	(1.170)	1184445	100.000	96
	66 Methyl Methacrylate	69	5.805	5.805	(1.209)	974099	100.000	97
	67 1,4-Dioxane	58	5.835	5.835	(1.215)	95552	1000.00	860
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.295)	658676	100.000	99
	174 Ethyl acrylate	55	5.589	5.589	(1.164)	1835090	100.000	89(A)
	70 cis-1,3-Dichloropropene	75	6.259	6.259	(1.304)	1683025	100.000	96
	71 Chloroacetonitrile	48	6.633	6.633	(1.382)	592031	1000.00	940
	72 2-Nitropropane	41	6.702	6.702	(1.396)	576411	200.000	180
	73 trans-1,3-Dichloropropene	75	6.889	6.889	(1.435)	1476409	100.000	97
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.466)	924873	100.000	99
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	621382	25.0000	
	76 Toluene	91	6.485	6.485	(0.824)	4116664	100.000	96
$	77 Toluene-d8	98	6.436	6.436	(0.817)	3638862	100.000	99
	78 1,1-Dichloro-2-propanone	43	6.722	6.722	(0.854)	4527963	500.000	460
	79 4-Methyl-2-Pentanone	43	6.860	6.860	(0.871)	1675634	100.000	96
	80 Tetrachloroethene	164	6.860	6.860	(0.871)	731319	100.000	98
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	1439565	100.000	99
	82 Dibromochloromethane	129	7.204	7.204	(0.915)	1043822	100.000	98

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.283	7.283	(0.925)	1675941	100.000	99
84	1,2-Dibromoethane	107	7.401	7.401	(0.940)	1106473	100.000	99
86	2-Hexanone	43	7.638	7.638	(0.970)	1367954	100.000	100
87	1-Chlorohexane	91	7.894	7.894	(1.002)	1539120	100.000	96
88	Chlorobenzene	112	7.894	7.894	(1.002)	2776451	100.000	98
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	891702	100.000	97
90	Ethylbenzene	106	7.924	7.924	(1.006)	1409970	100.000	98
91	Xylene (total)mp	106	8.061	8.061	(1.024)	3608835	200.000	200
92	Xylene (total)o	106	8.436	8.436	(1.071)	1687014	100.000	99
93	Styrene	104	8.485	8.485	(1.078)	2885107	100.000	100
94	Bromoform	173	8.495	8.495	(1.079)	587538	100.000	96
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	243723	25.0000	
96	Isopropylbenzene	105	8.721	8.721	(0.878)	3952636	100.000	96
97	Bromobenzene	156	9.037	9.037	(0.910)	954707	100.000	96
98	1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	1243114	100.000	96
99	4-Ethyltoluene	105	9.185	9.185	(0.925)	4116027	100.000	97(H)
100	1,2,3-Trichloropropane	110	9.253	9.253	(0.932)	342368	100.000	95
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	692339	200.000	190
102	n-Propylbenzene	91	9.086	9.086	(0.915)	5016158	100.000	100
103	2-Chlorotoluene	91	9.204	9.204	(0.927)	3157171	100.000	98
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	2828510	100.000	97
105	1,3,5-Trimethylbenzene	105	9.263	9.263	(0.933)	3171794	100.000	95
106	tert-Butylbenzene	119	9.529	9.529	(0.959)	2778459	100.000	96
107	1,2,4-Trimethylbenzene	105	9.598	9.598	(0.966)	3202151	100.000	96
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	4419202	100.000	95
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	3509377	100.000	96
110	1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	1696305	100.000	98
111	1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	1698237	100.000	98
112	1,2-Dichlorobenzene	146	10.308	10.308	(1.038)	1575325	100.000	99
113	Benzyl Chloride	126	10.160	10.160	(1.023)	393944	100.000	93
114	1,4-Diethylbenzene	119	10.130	10.130	(1.020)	1743003	100.000	98
115	n-Butylbenzene	91	10.180	10.180	(1.025)	5535081	100.000	100
118	1,2,4,5-Tetramethylbenzene	119	10.840	10.840	(1.091)	2850006	100.000	98
119	1,2-Dibromo-3-chloropropane	75	11.007	11.007	(1.108)	160106	100.000	91
120	Nitrobenzene	77	11.500	11.500	(1.158)	603979	1000.00	800
121	1,2,4-Trichlorobenzene	180	11.608	11.608	(1.169)	999477	100.000	100
122	Hexachlorobutadiene	225	11.588	11.588	(1.167)	492080	100.000	97
123	Naphthalene	128	11.884	11.884	(1.196)	2757696	100.000	98
124	1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	879725	100.000	100
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	1217509	100.000	100
M 126	1,2-Dichloroethene (total)	100				2193935	200.000	210
M 127	Xylene (total)	100				5295849	300.000	300

QC Flag Legend

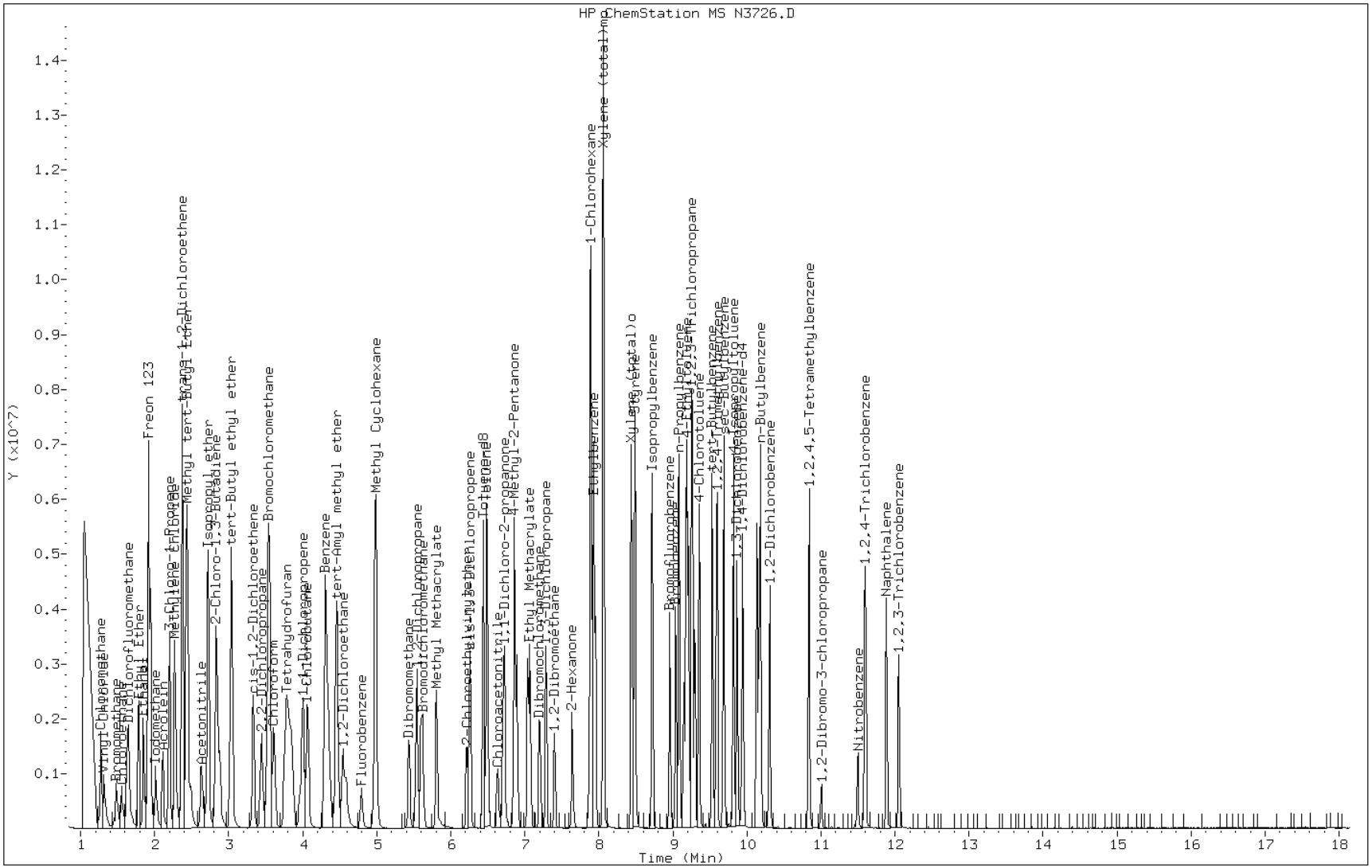
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: N3726.D

Date: 13-JUL-2011 18:21

Client ID: IC;100 Instrument: msn.i

Sample Info: IC;100 Operator: D. HUMBERT



Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3727.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 13-JUL-2011 18:46 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;50
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
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Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 18:21 Cal File: N3726.D
Als bottle: 100 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.791	4.791	(1.000)	758998	25.0000	
2	Dichlorodifluoromethane	85	1.215	1.215	(0.254)	119524	50.0000	51
3	Chloromethane	50	1.274	1.274	(0.266)	836506	50.0000	50
4	Vinyl Chloride	62	1.313	1.313	(0.274)	590823	50.0000	52
5	Bromomethane	94	1.481	1.481	(0.309)	289883	50.0000	70
6	Chloroethane	64	1.550	1.550	(0.324)	359399	50.0000	68
7	Trichlorofluoromethane	101	1.629	1.629	(0.340)	546040	50.0000	54
8	Dichlorofluoromethane	67	1.648	1.648	(0.344)	857570	50.0000	56
9	Ethyl Ether	45	1.786	1.786	(0.373)	439848	50.0000	53
10	Ethanol	45	1.845	1.845	(0.385)	300726	500.000	580
12	Freon 123	67	1.914	1.914	(0.400)	118741	50.0000	43
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.402)	511302	50.0000	49
14	1,1-Dichloroethene	96	1.914	1.914	(0.400)	424684	50.0000	50
15	Carbon Disulfide	76	1.944	1.944	(0.406)	1759798	50.0000	48
16	Iodomethane	142	2.013	2.013	(0.420)	577920	50.0000	50
17	Acrolein	56	2.111	2.111	(0.441)	560311	250.000	240
18	2-Propanol	45	2.033	2.033	(0.424)	56407	50.0000	57
19	3-Chloro-1-Propene	41	2.200	2.200	(0.459)	1058437	50.0000	49
20	Methylene Chloride	84	2.269	2.269	(0.474)	609619	50.0000	40
21	Acetone	43	2.289	2.289	(0.478)	374450	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.496)	516947	50.0000	54
	23 Methyl Acetate	43	2.368	2.368	(0.494)	3482493	50.0000	41
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.511)	1423011	50.0000	48
	25 tert-Butyl alcohol	59	2.486	2.486	(0.519)	460839	250.000	240(H)
	26 Acetonitrile	41	2.624	2.624	(0.548)	872711	500.000	510
	27 Isopropyl ether	45	2.722	2.722	(0.568)	2437433	50.0000	49
	28 tert-Butyl ethyl ether	59	3.028	3.028	(0.632)	1839842	50.0000	49
	29 2-Chloro-1,3-Butadiene	88	2.831	2.831	(0.591)	471547	50.0000	48
	30 Acrylonitrile	53	2.880	2.880	(0.601)	651638	100.000	100
	31 1,1-Dichloroethane	63	2.840	2.840	(0.593)	1004622	50.0000	49
	32 Vinyl Acetate	43	3.047	3.047	(0.636)	1631575	50.0000	49
	33 cis-1,2-Dichloroethene	96	3.333	3.333	(0.696)	577199	50.0000	49
	34 2,2-Dichloropropane	77	3.441	3.441	(0.718)	626982	50.0000	49
	35 Bromochloromethane	128	3.540	3.540	(0.739)	297486	50.0000	50
	37 Cyclohexane	84	3.550	3.550	(0.741)	802547	50.0000	49
	38 Chloroform	83	3.609	3.609	(0.753)	814679	50.0000	49
	39 Ethyl Acetate	43	3.747	3.747	(0.782)	106313	100.000	130
	40 Methyl Acrylate	55	3.757	3.757	(0.784)	681087	50.0000	48
$	41 Dibromofluoromethane	111	3.816	3.816	(0.796)	286209	25.0000	25
	42 Tetrahydrofuran	42	3.786	3.786	(0.790)	568227	100.000	97
	43 Carbon Tetrachloride	117	3.776	3.776	(0.788)	510068	50.0000	48
	44 1,1,1-Trichloroethane	97	3.855	3.855	(0.805)	616285	50.0000	48
	45 2-Butanone	43	3.964	3.964	(0.827)	487874	50.0000	46
	46 1,1-Dichloropropene	75	4.003	4.003	(0.836)	698041	50.0000	49
	47 tert-Amyl methyl ether	73	4.456	4.456	(0.930)	1475093	50.0000	49
	49 1-Chlorobutane	56	4.062	4.062	(0.848)	1155684	50.0000	49
	51 Propionitrile	54	4.318	4.318	(0.901)	1072172	500.000	490
	52 Benzene	78	4.308	4.308	(0.899)	2007111	50.0000	49
	53 2-Methyl-2-Propenenitrile	41	4.348	4.348	(0.907)	480735	50.0000	48
	54 Isobutyl alcohol	42	4.584	4.584	(0.957)	272204	500.000	490
$	55 1,2-Dichloroethane-d4	65	4.466	4.466	(0.932)	250676	25.0000	25
	56 1,2-Dichloroethane	62	4.545	4.545	(0.949)	590539	50.0000	50
	59 Methyl Cyclohexane	83	4.978	4.978	(1.039)	907392	50.0000	49
	60 Trichloroethene	130	4.988	4.988	(1.041)	528678	50.0000	49
	63 Dibromomethane	93	5.431	5.431	(1.134)	343000	50.0000	48
	64 1,2-Dichloropropane	63	5.540	5.540	(1.156)	635341	50.0000	50
	65 Bromodichloromethane	83	5.619	5.619	(1.173)	567279	50.0000	47
	66 Methyl Methacrylate	69	5.806	5.806	(1.212)	477353	50.0000	49
	67 1,4-Dioxane	58	5.826	5.826	(1.216)	52767	500.000	510
	69 2-Chloroethylvinylether	63	6.220	6.220	(1.298)	317879	50.0000	49
	174 Ethyl acrylate	55	5.589	5.589	(1.167)	962530	50.0000	49(A)
	70 cis-1,3-Dichloropropene	75	6.259	6.259	(1.306)	827197	50.0000	48
	71 Chloroacetonitrile	48	6.633	6.633	(1.384)	285760	500.000	470
	72 2-Nitropropane	41	6.702	6.702	(1.399)	283765	100.000	93
	73 trans-1,3-Dichloropropene	75	6.899	6.899	(1.440)	701147	50.0000	47
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.469)	459390	50.0000	50
*	75 Chlorobenzene-d5	117	7.875	7.875	(1.000)	630483	25.0000	
	76 Toluene	91	6.486	6.486	(0.824)	2027680	50.0000	47
$	77 Toluene-d8	98	6.446	6.446	(0.819)	904776	25.0000	24
	78 1,1-Dichloro-2-propanone	43	6.722	6.722	(0.854)	2206343	250.000	230
	79 4-Methyl-2-Pentanone	43	6.860	6.860	(0.871)	816757	50.0000	47
	80 Tetrachloroethene	164	6.860	6.860	(0.871)	362726	50.0000	48
	81 Ethyl Methacrylate	69	7.067	7.067	(0.897)	693219	50.0000	47
	82 Dibromochloromethane	129	7.205	7.205	(0.915)	502192	50.0000	47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.284	7.284	(0.925)	826639	50.0000	48
84	1,2-Dibromoethane	107	7.402	7.402	(0.940)	537616	50.0000	47
86	2-Hexanone	43	7.638	7.638	(0.970)	627413	50.0000	45
87	1-Chlorohexane	91	7.894	7.894	(1.002)	765236	50.0000	48
88	Chlorobenzene	112	7.894	7.894	(1.002)	1389979	50.0000	49
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	433561	50.0000	47
90	Ethylbenzene	106	7.924	7.924	(1.006)	707607	50.0000	49
91	Xylene (total)mp	106	8.062	8.062	(1.024)	1794855	100.000	97
92	Xylene (total)o	106	8.436	8.436	(1.071)	853927	50.0000	50
93	Styrene	104	8.485	8.485	(1.078)	1441705	50.0000	49
94	Bromoform	173	8.495	8.495	(1.079)	276590	50.0000	45
* 95	1,4-Dichlorobenzene-d4	152	9.934	9.934	(1.000)	246434	25.0000	
96	Isopropylbenzene	105	8.722	8.722	(0.878)	2004896	50.0000	49
97	Bromobenzene	156	9.037	9.037	(0.910)	484944	50.0000	49
98	1,1,2,2-Tetrachloroethane	83	9.146	9.146	(0.921)	628247	50.0000	48
99	4-Ethyltoluene	105	9.185	9.185	(0.925)	2079791	50.0000	49(H)
100	1,2,3-Trichloropropane	110	9.254	9.254	(0.932)	174398	50.0000	48
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	339289	100.000	93
102	n-Propylbenzene	91	9.086	9.086	(0.915)	2540379	50.0000	50
103	2-Chlorotoluene	91	9.205	9.205	(0.927)	1627661	50.0000	50
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	1442886	50.0000	50
105	1,3,5-Trimethylbenzene	105	9.264	9.264	(0.933)	1643045	50.0000	50
106	tert-Butylbenzene	119	9.530	9.530	(0.959)	1431980	50.0000	50
107	1,2,4-Trimethylbenzene	105	9.599	9.599	(0.966)	1651313	50.0000	50
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	2282881	50.0000	50
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	1769459	50.0000	49
110	1,3-Dichlorobenzene	146	9.865	9.865	(0.993)	855601	50.0000	49
111	1,4-Dichlorobenzene	146	9.944	9.944	(1.001)	875107	50.0000	50
112	1,2-Dichlorobenzene	146	10.308	10.308	(1.038)	797798	50.0000	50
113	Benzyl Chloride	126	10.160	10.160	(1.023)	193531	50.0000	46
114	1,4-Diethylbenzene	119	10.131	10.131	(1.020)	883677	50.0000	49
115	n-Butylbenzene	91	10.180	10.180	(1.025)	2775788	50.0000	50
118	1,2,4,5-Tetramethylbenzene	119	10.840	10.840	(1.091)	1423658	50.0000	49
119	1,2-Dibromo-3-chloropropane	75	10.998	10.998	(1.107)	78779	50.0000	46
120	Nitrobenzene	77	11.500	11.500	(1.158)	241017	500.000	340
121	1,2,4-Trichlorobenzene	180	11.599	11.599	(1.168)	488645	50.0000	49
122	Hexachlorobutadiene	225	11.589	11.589	(1.167)	241870	50.0000	48
123	Naphthalene	128	11.884	11.884	(1.196)	1369463	50.0000	48
124	1,2,3-Trichlorobenzene	180	12.052	12.052	(1.213)	445034	50.0000	51
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	317449	25.0000	26
M 126	1,2-Dichloroethene (total)	100				1094146	100.000	100
M 127	Xylene (total)	100				2648782	150.000	150

QC Flag Legend

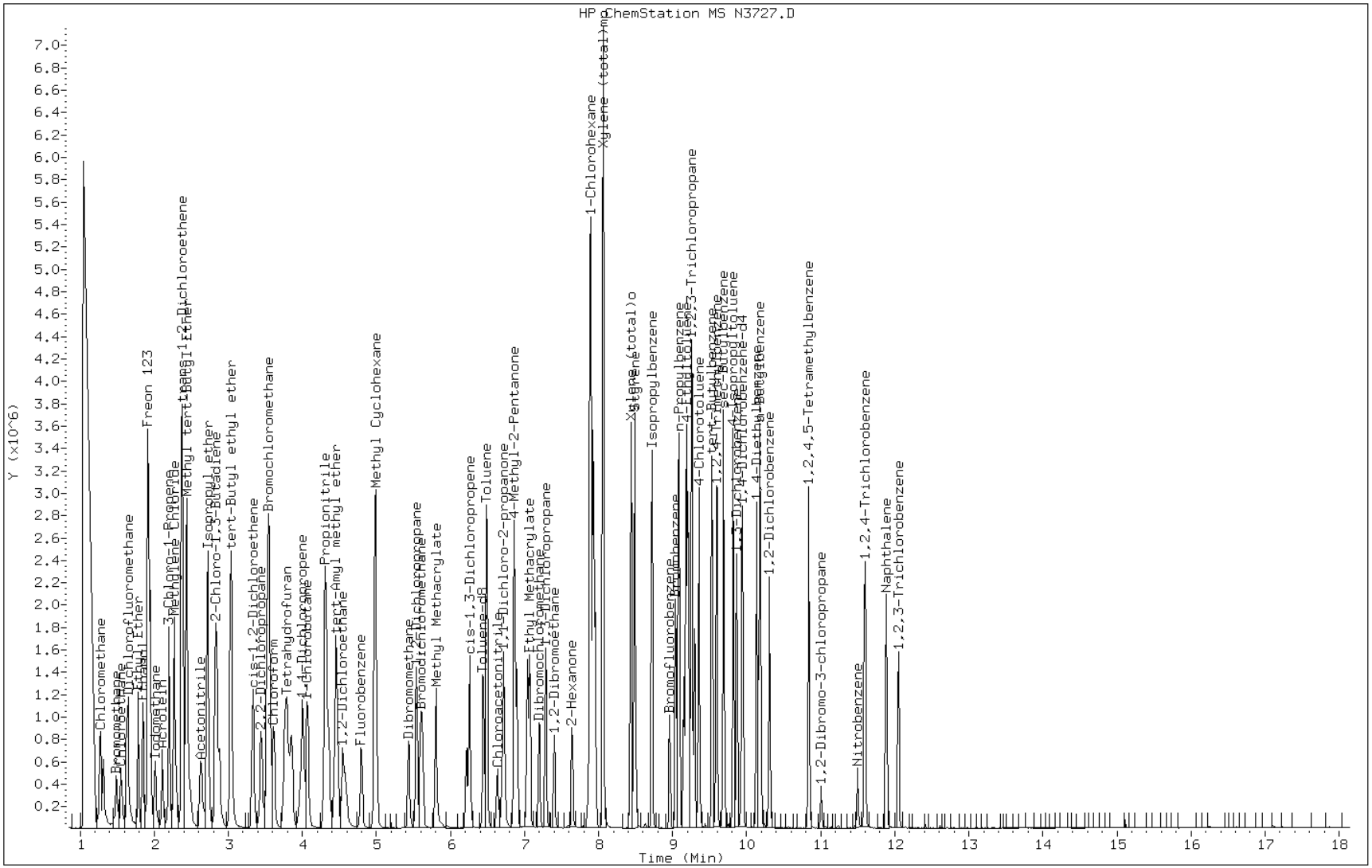
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: N3727.D

Date: 13-JUL-2011 18:46

Client ID: IC;50 Instrument: msn.i

Sample Info: IC;50 Operator: D. HUMBERT



Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3728.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 13-JUL-2011 19:11 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;20
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
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Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 18:46 Cal File: N3727.D
Als bottle: 100 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.791	4.791	(1.000)	726752	25.0000	
2	Dichlorodifluoromethane	85	1.215	1.215	(0.254)	42205	20.0000	19
3	Chloromethane	50	1.274	1.274	(0.266)	281887	20.0000	18
4	Vinyl Chloride	62	1.313	1.313	(0.274)	203448	20.0000	18
5	Bromomethane	94	1.481	1.481	(0.309)	104471	20.0000	24
6	Chloroethane	64	1.550	1.550	(0.324)	130017	20.0000	24
7	Trichlorofluoromethane	101	1.628	1.628	(0.340)	192489	20.0000	20
8	Dichlorofluoromethane	67	1.648	1.648	(0.344)	326985	20.0000	22
9	Ethyl Ether	45	1.786	1.786	(0.373)	171934	20.0000	21
10	Ethanol	45	1.845	1.845	(0.385)	108768	200.000	210
12	Freon 123	67	1.914	1.914	(0.400)	54292	20.0000	21
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.402)	192138	20.0000	19
14	1,1-Dichloroethene	96	1.914	1.914	(0.400)	156721	20.0000	19
15	Carbon Disulfide	76	1.944	1.944	(0.406)	628682	20.0000	18
16	Iodomethane	142	2.013	2.013	(0.420)	194596	20.0000	18
17	Acrolein	56	2.111	2.111	(0.441)	219018	100.000	100
18	2-Propanol	45	2.032	2.032	(0.424)	23962	20.0000	24
19	3-Chloro-1-Propene	41	2.200	2.200	(0.459)	396770	20.0000	19
20	Methylene Chloride	84	2.269	2.269	(0.474)	263072	20.0000	19
21	Acetone	43	2.288	2.288	(0.478)	160653	20.0000	22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.496)	190856	20.0000	20
	23 Methyl Acetate	43	2.367	2.367	(0.494)	1388128	20.0000	13
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.511)	557967	20.0000	20
	25 tert-Butyl alcohol	59	2.485	2.485	(0.519)	194579	100.000	110(H)
	26 Acetonitrile	41	2.633	2.633	(0.550)	347554	200.000	210
	27 Isopropyl ether	45	2.722	2.722	(0.568)	924942	20.0000	19
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.634)	700101	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.591)	176078	20.0000	19
	30 Acrylonitrile	53	2.879	2.879	(0.601)	253347	40.0000	41
	31 1,1-Dichloroethane	63	2.840	2.840	(0.593)	381175	20.0000	20
	32 Vinyl Acetate	43	3.047	3.047	(0.636)	641232	20.0000	20
	33 cis-1,2-Dichloroethene	96	3.333	3.333	(0.696)	215670	20.0000	19
	34 2,2-Dichloropropane	77	3.441	3.441	(0.718)	230964	20.0000	19
	35 Bromochloromethane	128	3.540	3.540	(0.739)	116855	20.0000	20
	37 Cyclohexane	84	3.549	3.549	(0.741)	290305	20.0000	19
	38 Chloroform	83	3.609	3.609	(0.753)	311138	20.0000	20
	39 Ethyl Acetate	43	3.746	3.746	(0.782)	51922	40.0000	65
	40 Methyl Acrylate	55	3.756	3.756	(0.784)	248306	20.0000	18
$	41 Dibromofluoromethane	111	3.815	3.815	(0.796)	212341	20.0000	19
	42 Tetrahydrofuran	42	3.796	3.796	(0.792)	228747	40.0000	41
	43 Carbon Tetrachloride	117	3.776	3.776	(0.788)	182600	20.0000	18
	44 1,1,1-Trichloroethane	97	3.855	3.855	(0.805)	231179	20.0000	19
	45 2-Butanone	43	3.963	3.963	(0.827)	193779	20.0000	20
	46 1,1-Dichloropropene	75	4.003	4.003	(0.836)	264836	20.0000	19
	47 tert-Amyl methyl ether	73	4.456	4.456	(0.930)	585105	20.0000	20
	49 1-Chlorobutane	56	4.062	4.062	(0.848)	440361	20.0000	19
	51 Propionitrile	54	4.328	4.328	(0.903)	413644	200.000	200
	52 Benzene	78	4.308	4.308	(0.899)	768992	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.357	4.357	(0.910)	190621	20.0000	20
	54 Isobutyl alcohol	42	4.584	4.584	(0.957)	107581	200.000	200
$	55 1,2-Dichloroethane-d4	65	4.466	4.466	(0.932)	187148	20.0000	20
	56 1,2-Dichloroethane	62	4.544	4.544	(0.949)	229918	20.0000	20
	59 Methyl Cyclohexane	83	4.978	4.978	(1.039)	341838	20.0000	19
	60 Trichloroethene	130	4.988	4.988	(1.041)	199525	20.0000	19
	63 Dibromomethane	93	5.431	5.431	(1.134)	132633	20.0000	20
	64 1,2-Dichloropropane	63	5.539	5.539	(1.156)	238357	20.0000	20
	65 Bromodichloromethane	83	5.618	5.618	(1.173)	217011	20.0000	19
	66 Methyl Methacrylate	69	5.805	5.805	(1.212)	180177	20.0000	19
	67 1,4-Dioxane	58	5.835	5.835	(1.218)	25046	200.000	250(M)
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.298)	121440	20.0000	20
	174 Ethyl acrylate	55	5.589	5.589	(1.167)	389823	20.0000	21(A)
	70 cis-1,3-Dichloropropene	75	6.259	6.259	(1.306)	307193	20.0000	19
	71 Chloroacetonitrile	48	6.633	6.633	(1.385)	106503	200.000	180
	72 2-Nitropropane	41	6.702	6.702	(1.399)	108827	40.0000	38
	73 trans-1,3-Dichloropropene	75	6.889	6.889	(1.438)	269040	20.0000	19
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.469)	179372	20.0000	20
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	611678	25.0000	
	76 Toluene	91	6.485	6.485	(0.824)	779174	20.0000	19
$	77 Toluene-d8	98	6.436	6.436	(0.817)	670095	20.0000	19
	78 1,1-Dichloro-2-propanone	43	6.722	6.722	(0.854)	846496	100.000	92
	79 4-Methyl-2-Pentanone	43	6.860	6.860	(0.871)	330919	20.0000	20
	80 Tetrachloroethene	164	6.860	6.860	(0.871)	138258	20.0000	19
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	262439	20.0000	19
	82 Dibromochloromethane	129	7.195	7.195	(0.914)	185435	20.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	83 1,3-Dichloropropane	76	7.283	7.283	(0.925)	326867	20.0000	20
	84 1,2-Dibromoethane	107	7.401	7.401	(0.940)	207315	20.0000	19
	86 2-Hexanone	43	7.638	7.638	(0.970)	245087	20.0000	19
	87 1-Chlorohexane	91	7.894	7.894	(1.002)	298791	20.0000	19
	88 Chlorobenzene	112	7.884	7.884	(1.001)	534346	20.0000	19
	89 1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	164953	20.0000	19
	90 Ethylbenzene	106	7.924	7.924	(1.006)	272774	20.0000	19
	91 Xylene (total)mp	106	8.061	8.061	(1.024)	693368	40.0000	39
	92 Xylene (total)o	106	8.436	8.436	(1.071)	332329	20.0000	20
	93 Styrene	104	8.485	8.485	(1.078)	552514	20.0000	19
	94 Bromoform	173	8.495	8.495	(1.079)	101230	20.0000	18
*	95 1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	246673	25.0000	
	96 Isopropylbenzene	105	8.722	8.722	(0.878)	773318	20.0000	19
	97 Bromobenzene	156	9.037	9.037	(0.910)	189321	20.0000	19
	98 1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	256277	20.0000	20
	99 4-Ethyltoluene	105	9.185	9.185	(0.925)	822255	20.0000	19(H)
	100 1,2,3-Trichloropropane	110	9.254	9.254	(0.932)	71486	20.0000	20
	101 trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	123923	40.0000	35
	102 n-Propylbenzene	91	9.076	9.076	(0.914)	985030	20.0000	19
	103 2-Chlorotoluene	91	9.204	9.204	(0.927)	639273	20.0000	20
	104 4-Chlorotoluene	91	9.352	9.352	(0.941)	569115	20.0000	20
	105 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.932)	643311	20.0000	19
	106 tert-Butylbenzene	119	9.529	9.529	(0.959)	568647	20.0000	20
	107 1,2,4-Trimethylbenzene	105	9.588	9.588	(0.965)	644181	20.0000	19
	108 sec-Butylbenzene	105	9.687	9.687	(0.975)	916428	20.0000	20
	109 4-Isopropyltoluene	119	9.815	9.815	(0.988)	712613	20.0000	20
	110 1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	336727	20.0000	19
	111 1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	354131	20.0000	20
	112 1,2-Dichlorobenzene	146	10.308	10.308	(1.038)	316072	20.0000	20
	113 Benzyl Chloride	126	10.160	10.160	(1.023)	70360	20.0000	17
	114 1,4-Diethylbenzene	119	10.130	10.130	(1.020)	348589	20.0000	19
	115 n-Butylbenzene	91	10.180	10.180	(1.025)	1066807	20.0000	19
	118 1,2,4,5-Tetramethylbenzene	119	10.840	10.840	(1.091)	544926	20.0000	19
	119 1,2-Dibromo-3-chloropropane	75	10.997	10.997	(1.107)	28481	20.0000	17
	120 Nitrobenzene	77	11.490	11.490	(1.157)	66794	200.000	100
	121 1,2,4-Trichlorobenzene	180	11.598	11.598	(1.168)	197455	20.0000	20
	122 Hexachlorobutadiene	225	11.588	11.588	(1.167)	102304	20.0000	20
	123 Naphthalene	128	11.884	11.884	(1.196)	560982	20.0000	20
	124 1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	176834	20.0000	20
$	125 Bromofluorobenzene	95	8.958	8.958	(0.902)	238009	20.0000	19
M	126 1,2-Dichloroethene (total)	100				406526	40.0000	40
M	127 Xylene (total)	100				1025697	60.0000	59

QC Flag Legend

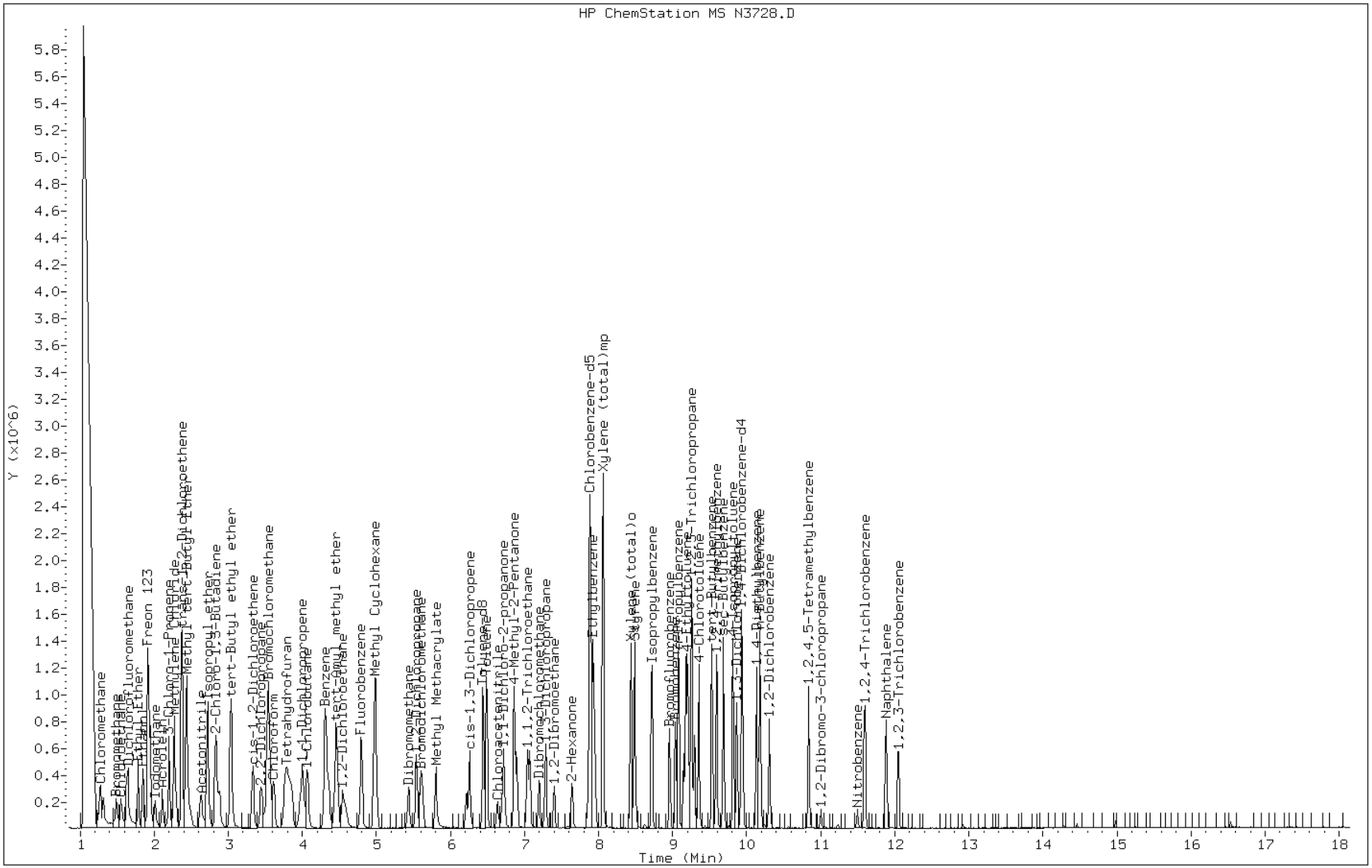
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3728.D

Date: 13-JUL-2011 19:11

Client ID: IC;20 Instrument: msn.i

Sample Info: IC;20 Operator: D. HUMBERT



Manual Integration Report

Data File: N3728.D
Inj. Date and Time: 13-JUL-2011 19:11
Instrument ID: msn.i
Client ID: IC;20
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

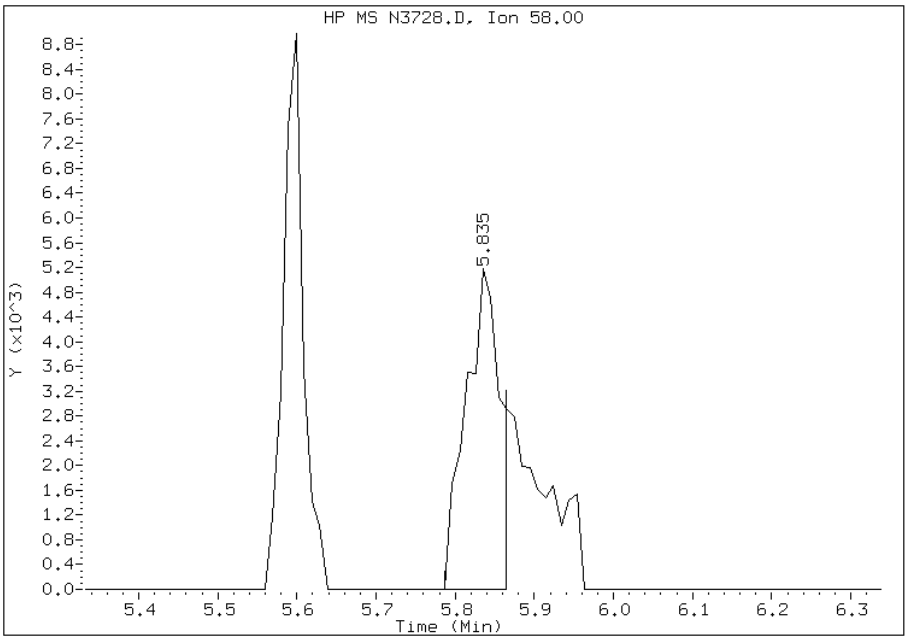
Processing Integration Results

RT: 5.84

Response: 15887

Amount: 166

Conc: 166



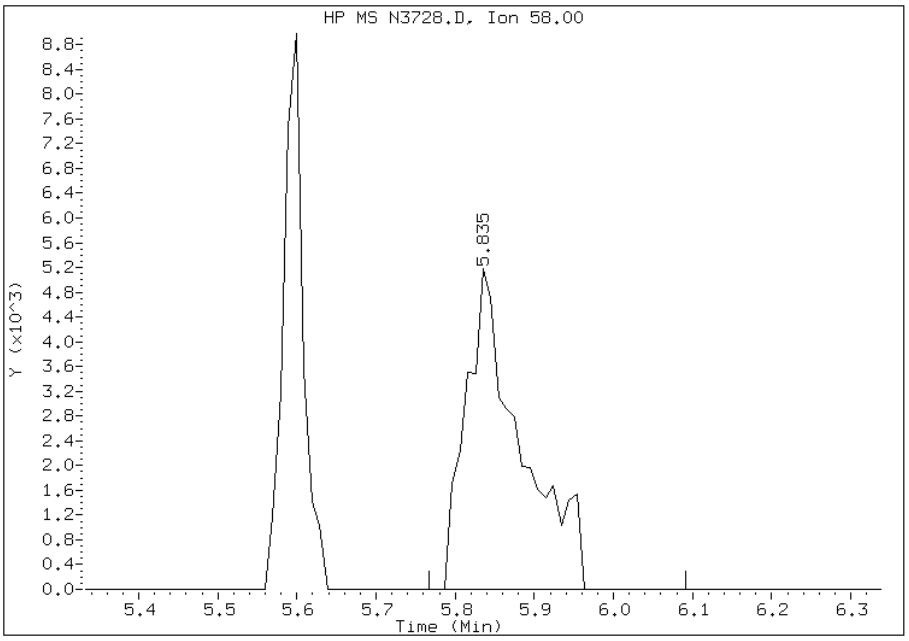
Manual Integration Results

RT: 5.84

Response: 25046

Amount: 250

Conc: 250



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3729.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 13-JUL-2011 19:37 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 19:11 Cal File: N3728.D
Als bottle: 100 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.790	4.790	(1.000)	736410	25.0000	
2	Dichlorodifluoromethane	85	1.214	1.214	(0.254)	4918	5.00000	2(M)
3	Chloromethane	50	1.273	1.273	(0.266)	74186	5.00000	5
4	Vinyl Chloride	62	1.313	1.313	(0.274)	52361	5.00000	5
5	Bromomethane	94	1.490	1.490	(0.311)	29366	5.00000	6(M)
6	Chloroethane	64	1.549	1.549	(0.323)	41045	5.00000	7
7	Trichlorofluoromethane	101	1.628	1.628	(0.340)	49876	5.00000	5
8	Dichlorofluoromethane	67	1.648	1.648	(0.344)	83552	5.00000	5
9	Ethyl Ether	45	1.786	1.786	(0.373)	44763	5.00000	5
10	Ethanol	45	1.845	1.845	(0.385)	25762	50.0000	49(M)
12	Freon 123	67	1.914	1.914	(0.400)	10571	5.00000	4
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.402)	45050	5.00000	4
14	1,1-Dichloroethene	96	1.914	1.914	(0.400)	39770	5.00000	5
15	Carbon Disulfide	76	1.953	1.953	(0.408)	161535	5.00000	5
16	Iodomethane	142	2.012	2.012	(0.420)	48980	5.00000	4
17	Acrolein	56	2.111	2.111	(0.441)	49493	25.0000	22
18	2-Propanol	45	2.032	2.032	(0.424)	5555	5.00000	5(M)
19	3-Chloro-1-Propene	41	2.199	2.199	(0.459)	99063	5.00000	5
20	Methylene Chloride	84	2.268	2.268	(0.474)	110745	5.00000	8
21	Acetone	43	2.288	2.288	(0.478)	48100	5.00000	6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.496)	50665	5.00000	5
	23 Methyl Acetate	43	2.367	2.367	(0.494)	331288	5.00000	-2
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.511)	137521	5.00000	5
	25 tert-Butyl alcohol	59	2.485	2.485	(0.519)	43241	25.0000	23
	26 Acetonitrile	41	2.633	2.633	(0.550)	90544	50.0000	54
	27 Isopropyl ether	45	2.722	2.722	(0.568)	236012	5.00000	5
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.634)	176760	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.591)	42536	5.00000	4
	30 Acrylonitrile	53	2.879	2.879	(0.601)	57717	10.0000	9
	31 1,1-Dichloroethane	63	2.840	2.840	(0.593)	93666	5.00000	5
	32 Vinyl Acetate	43	3.047	3.047	(0.636)	147128	5.00000	4
	33 cis-1,2-Dichloroethene	96	3.332	3.332	(0.696)	55005	5.00000	5
	34 2,2-Dichloropropane	77	3.441	3.441	(0.718)	66996	5.00000	5
	35 Bromochloromethane	128	3.529	3.529	(0.737)	28317	5.00000	5
	37 Cyclohexane	84	3.559	3.559	(0.743)	73917	5.00000	5
	38 Chloroform	83	3.608	3.608	(0.753)	79863	5.00000	5
	39 Ethyl Acetate	43	3.746	3.746	(0.782)	26979	10.0000	28
	40 Methyl Acrylate	55	3.756	3.756	(0.784)	57859	5.00000	4
$	41 Dibromofluoromethane	111	3.815	3.815	(0.796)	51593	5.00000	5
	42 Tetrahydrofuran	42	3.795	3.795	(0.792)	51960	10.0000	9
	43 Carbon Tetrachloride	117	3.776	3.776	(0.788)	44773	5.00000	4
	44 1,1,1-Trichloroethane	97	3.854	3.854	(0.805)	54985	5.00000	4
	45 2-Butanone	43	3.963	3.963	(0.827)	47143	5.00000	5
	46 1,1-Dichloropropene	75	4.002	4.002	(0.835)	68219	5.00000	5
	47 tert-Amyl methyl ether	73	4.455	4.455	(0.930)	137949	5.00000	5
	49 1-Chlorobutane	56	4.071	4.071	(0.850)	110772	5.00000	5
	51 Propionitrile	54	4.327	4.327	(0.903)	94463	50.0000	45
	52 Benzene	78	4.308	4.308	(0.899)	197593	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	4.357	4.357	(0.910)	50379	5.00000	5
	54 Isobutyl alcohol	42	4.583	4.583	(0.957)	21653	50.0000	40
$	55 1,2-Dichloroethane-d4	65	4.465	4.465	(0.932)	48606	5.00000	5
	56 1,2-Dichloroethane	62	4.544	4.544	(0.949)	58744	5.00000	5
	59 Methyl Cyclohexane	83	4.978	4.978	(1.039)	86751	5.00000	5
	60 Trichloroethene	130	4.987	4.987	(1.041)	48192	5.00000	5
	63 Dibromomethane	93	5.431	5.431	(1.134)	33250	5.00000	5
	64 1,2-Dichloropropane	63	5.539	5.539	(1.156)	59044	5.00000	5(T)
	65 Bromodichloromethane	83	5.618	5.618	(1.173)	51505	5.00000	4
	66 Methyl Methacrylate	69	5.805	5.805	(1.212)	40750	5.00000	4
	67 1,4-Dioxane	58	5.825	5.825	(1.216)	2770	50.0000	26
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.298)	25255	5.00000	4
	174 Ethyl acrylate	55	5.598	5.598	(1.169)	84419	5.00000	4(A)
	70 cis-1,3-Dichloropropene	75	6.258	6.258	(1.306)	73922	5.00000	4
	71 Chloroacetonitrile	48	6.633	6.633	(1.385)	23470	50.0000	41
	72 2-Nitropropane	41	6.702	6.702	(1.399)	24538	10.0000	8(M)
	73 trans-1,3-Dichloropropene	75	6.899	6.899	(1.440)	62371	5.00000	4
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.469)	42385	5.00000	5
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	604537	25.0000	
	76 Toluene	91	6.485	6.485	(0.824)	197377	5.00000	5
$	77 Toluene-d8	98	6.436	6.436	(0.817)	169994	5.00000	5
	78 1,1-Dichloro-2-propanone	43	6.721	6.721	(0.854)	162762	25.0000	18(M)
	79 4-Methyl-2-Pentanone	43	6.859	6.859	(0.871)	74913	5.00000	4
	80 Tetrachloroethene	164	6.859	6.859	(0.871)	33283	5.00000	5
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	57705	5.00000	4
	82 Dibromochloromethane	129	7.194	7.194	(0.914)	39450	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.283	7.283	(0.925)	78615	5.00000	5
84	1,2-Dibromoethane	107	7.401	7.401	(0.940)	49727	5.00000	5
86	2-Hexanone	43	7.647	7.647	(0.971)	57368	5.00000	4
87	1-Chlorohexane	91	7.894	7.894	(1.002)	72705	5.00000	5
88	Chlorobenzene	112	7.894	7.894	(1.002)	135417	5.00000	5
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	39059	5.00000	4(M)
90	Ethylbenzene	106	7.923	7.923	(1.006)	69971	5.00000	5
91	Xylene (total)mp	106	8.061	8.061	(1.024)	167081	10.0000	10
92	Xylene (total)o	106	8.435	8.435	(1.071)	82747	5.00000	5
93	Styrene	104	8.485	8.485	(1.078)	128177	5.00000	4
94	Bromoform	173	8.495	8.495	(1.079)	20436	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	240425	25.0000	
96	Isopropylbenzene	105	8.721	8.721	(0.878)	191164	5.00000	5
97	Bromobenzene	156	9.036	9.036	(0.910)	45216	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	58745	5.00000	5
99	4-Ethyltoluene	105	9.184	9.184	(0.925)	199945	5.00000	5(H)
100	1,2,3-Trichloropropane	110	9.253	9.253	(0.932)	16840	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	28421	10.0000	8
102	n-Propylbenzene	91	9.086	9.086	(0.915)	244131	5.00000	5
103	2-Chlorotoluene	91	9.204	9.204	(0.927)	161399	5.00000	5
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	141396	5.00000	5
105	1,3,5-Trimethylbenzene	105	9.253	9.253	(0.932)	163340	5.00000	5
106	tert-Butylbenzene	119	9.529	9.529	(0.959)	144981	5.00000	5
107	1,2,4-Trimethylbenzene	105	9.588	9.588	(0.965)	163062	5.00000	5
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	226608	5.00000	5
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	176757	5.00000	5
110	1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	86008	5.00000	5
111	1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	89261	5.00000	5
112	1,2-Dichlorobenzene	146	10.307	10.307	(1.038)	79084	5.00000	5
113	Benzyl Chloride	126	10.160	10.160	(1.023)	13641	5.00000	4
114	1,4-Diethylbenzene	119	10.130	10.130	(1.020)	83793	5.00000	5
115	n-Butylbenzene	91	10.179	10.179	(1.025)	230843	5.00000	4
118	1,2,4,5-Tetramethylbenzene	119	10.839	10.839	(1.091)	134224	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	11.007	11.007	(1.108)	6037	5.00000	4
120	Nitrobenzene	77	11.499	11.499	(1.158)	12237	50.0000	21
121	1,2,4-Trichlorobenzene	180	11.598	11.598	(1.168)	47714	5.00000	5
122	Hexachlorobutadiene	225	11.588	11.588	(1.167)	26481	5.00000	5
123	Naphthalene	128	11.884	11.884	(1.196)	140376	5.00000	5
124	1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	45794	5.00000	5
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	59209	5.00000	5
M 126	1,2-Dichloroethene (total)	100				105670	10.0000	10
M 127	Xylene (total)	100				249828	15.0000	14

QC Flag Legend

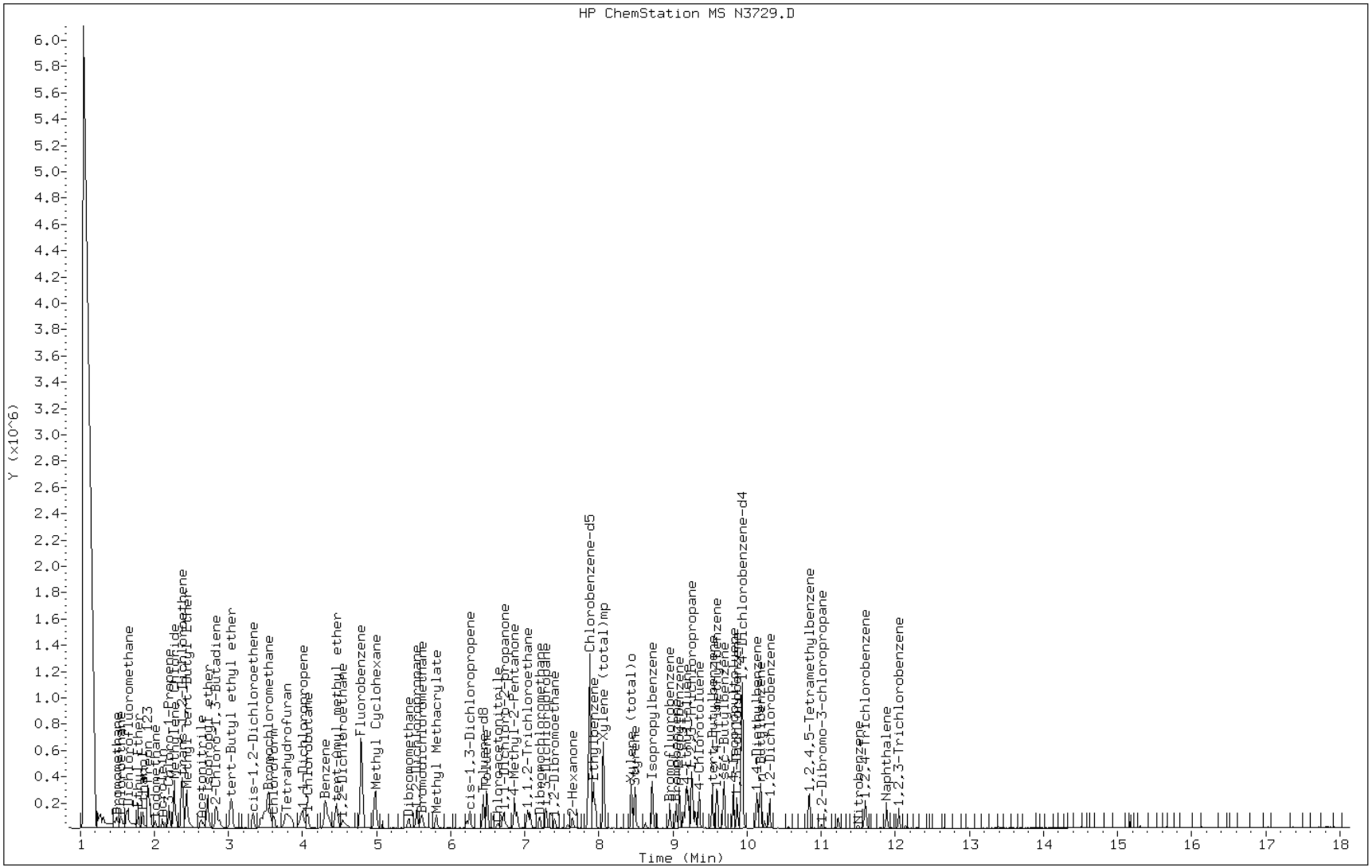
T - Target compound detected outside RT window.
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3729.D

Date: 13-JUL-2011 19:37

Client ID: IC;5 Instrument: msn.i

Sample Info: IC;5 Operator: D. HUMBERT



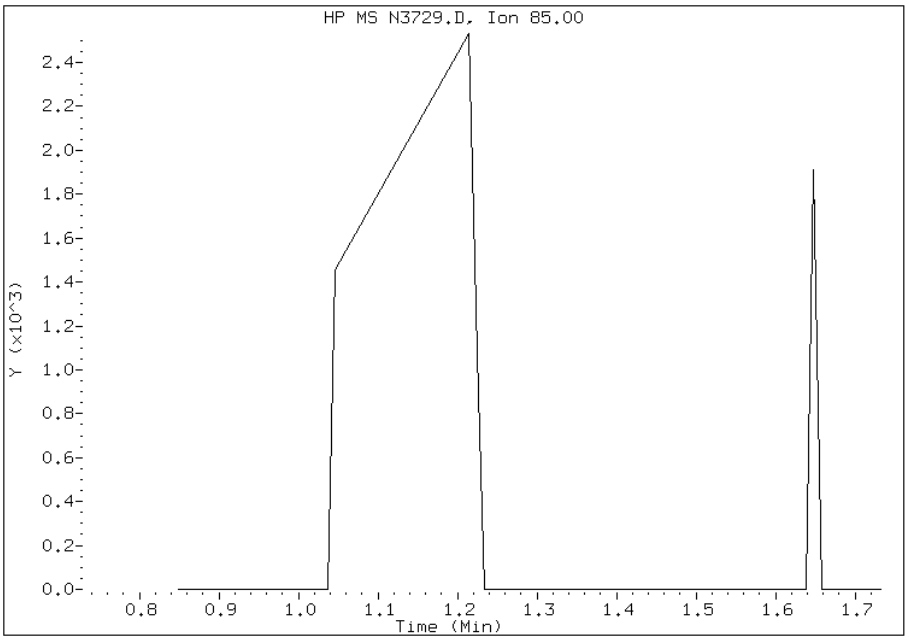
Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.23



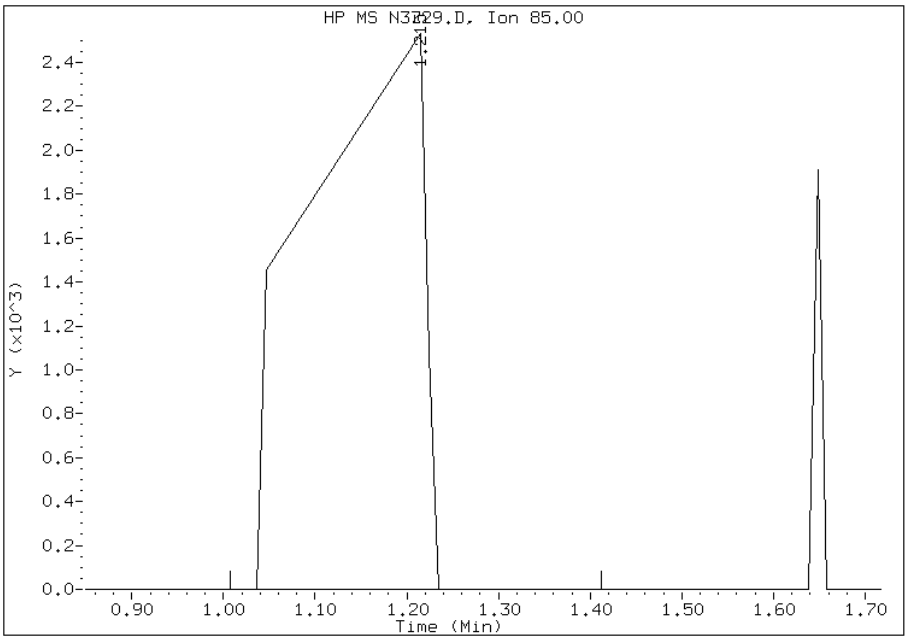
Manual Integration Results

RT: 1.21

Response: 4918

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/14/2011

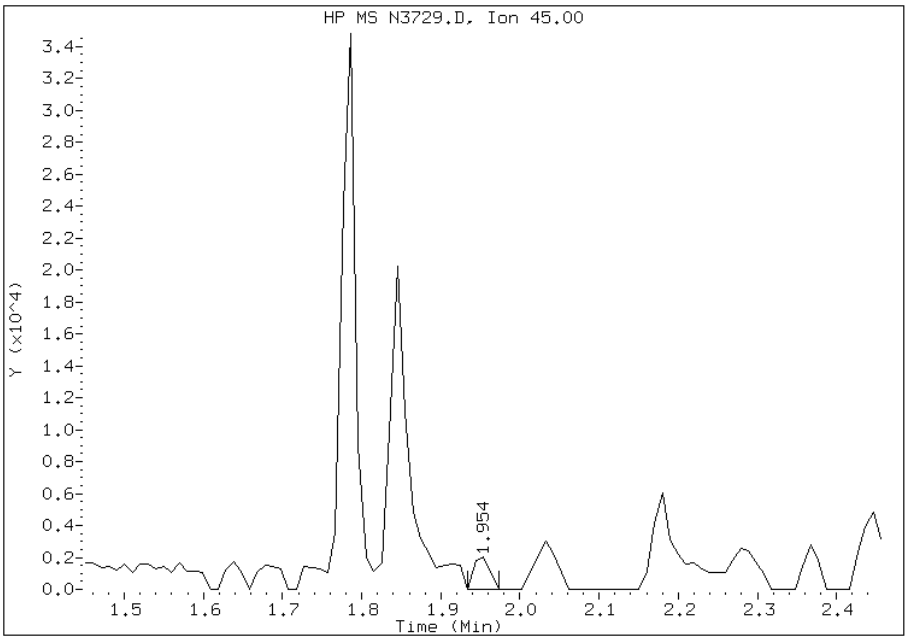
Processing Integration Results

RT: 1.95

Response: 2944

Amount: -1

Conc: -1



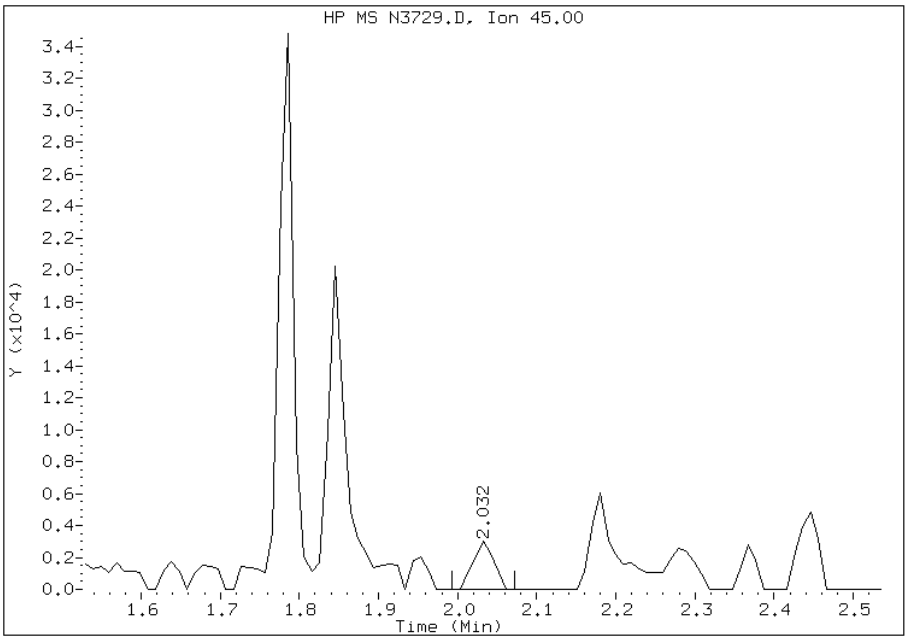
Manual Integration Results

RT: 2.03

Response: 5555

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 07/14/2011

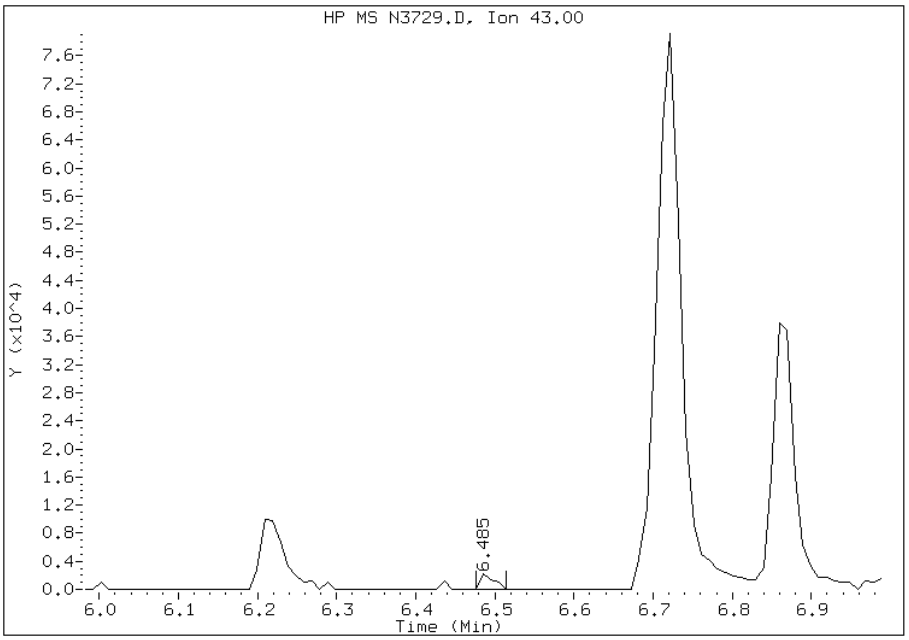
Processing Integration Results

RT: 6.49

Response: 2765

Amount: 0

Conc: 0



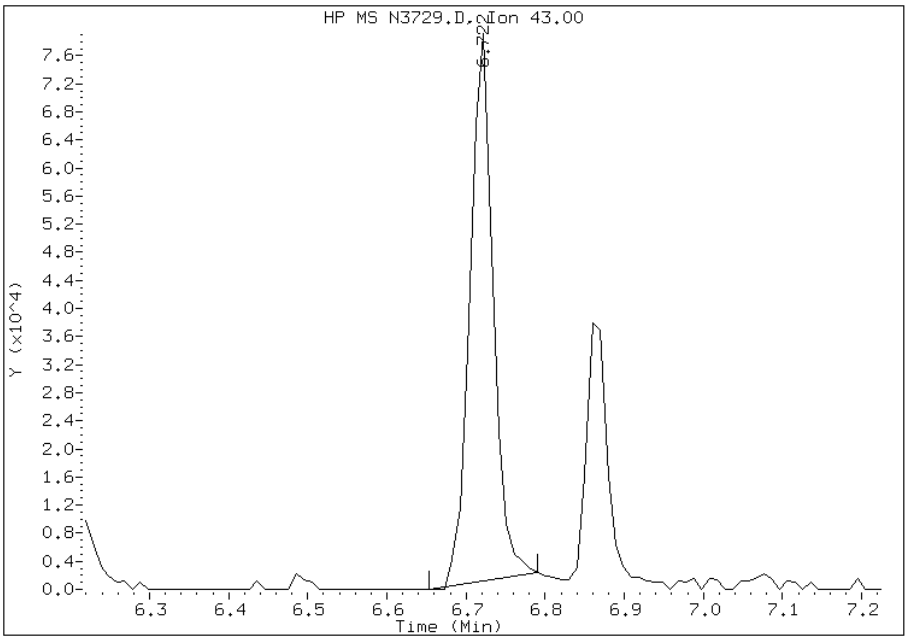
Manual Integration Results

RT: 6.72

Response: 162762

Amount: 18

Conc: 18



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 07/14/2011

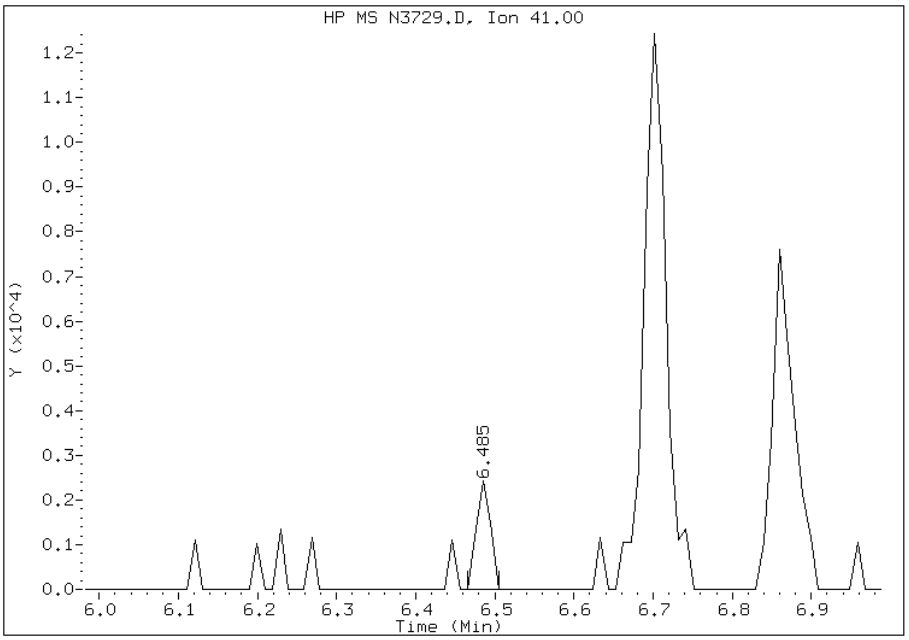
Processing Integration Results

RT: 6.49

Response: 3094

Amount: 1

Conc: 1



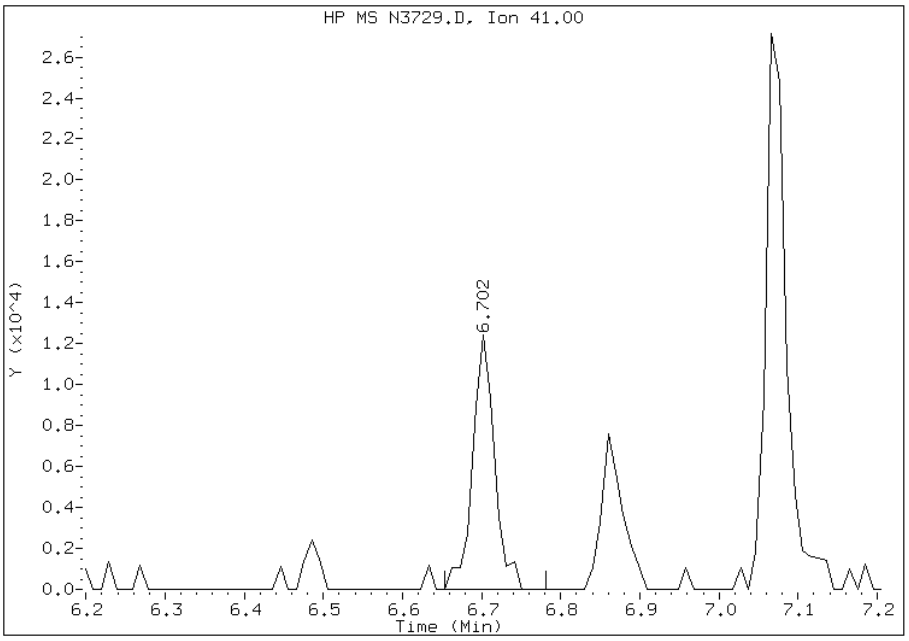
Manual Integration Results

RT: 6.70

Response: 24538

Amount: 9

Conc: 9



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 07/14/2011

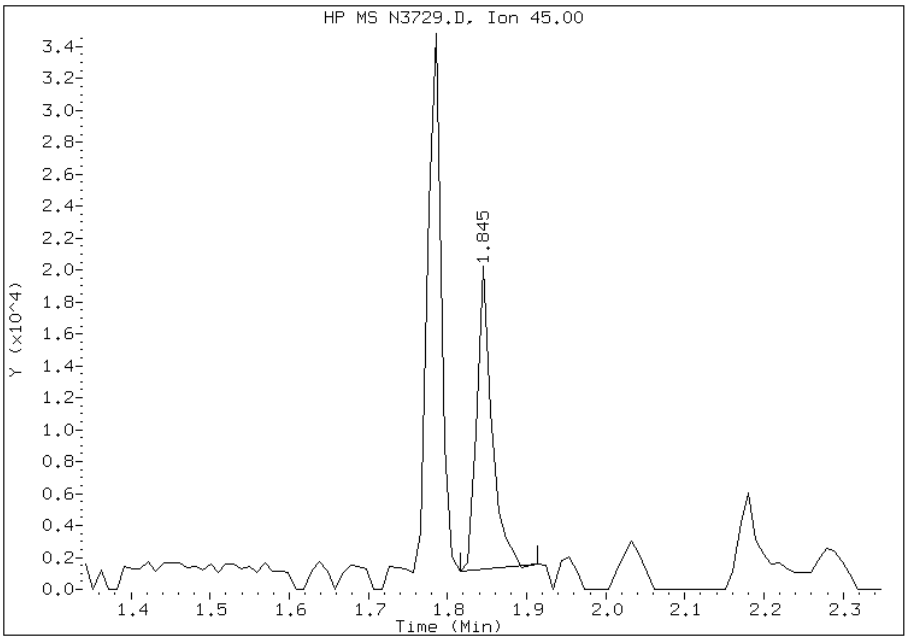
Processing Integration Results

RT: 1.85

Response: 25762

Amount: 49

Conc: 49



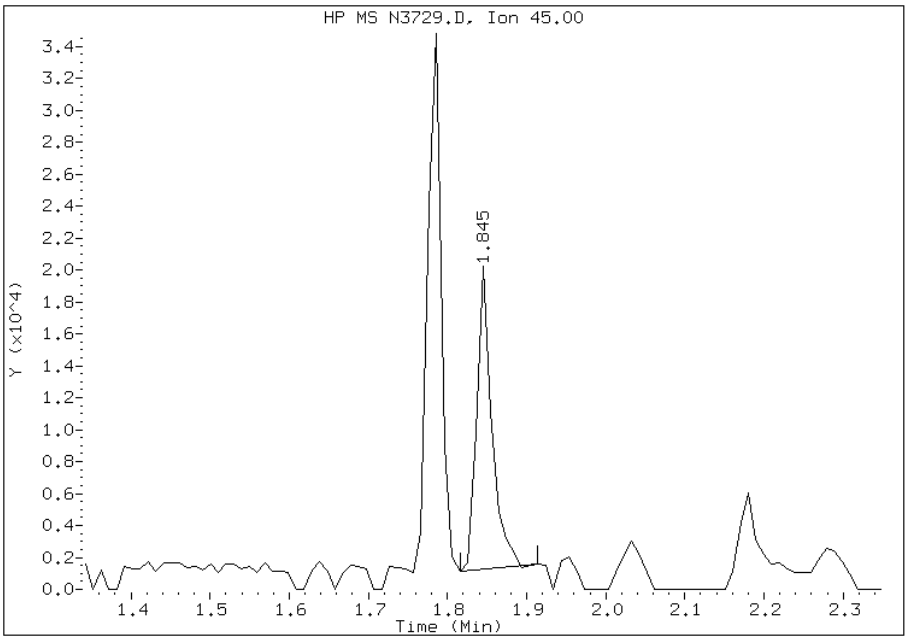
Manual Integration Results

RT: 1.85

Response: 25762

Amount: 49

Conc: 49



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

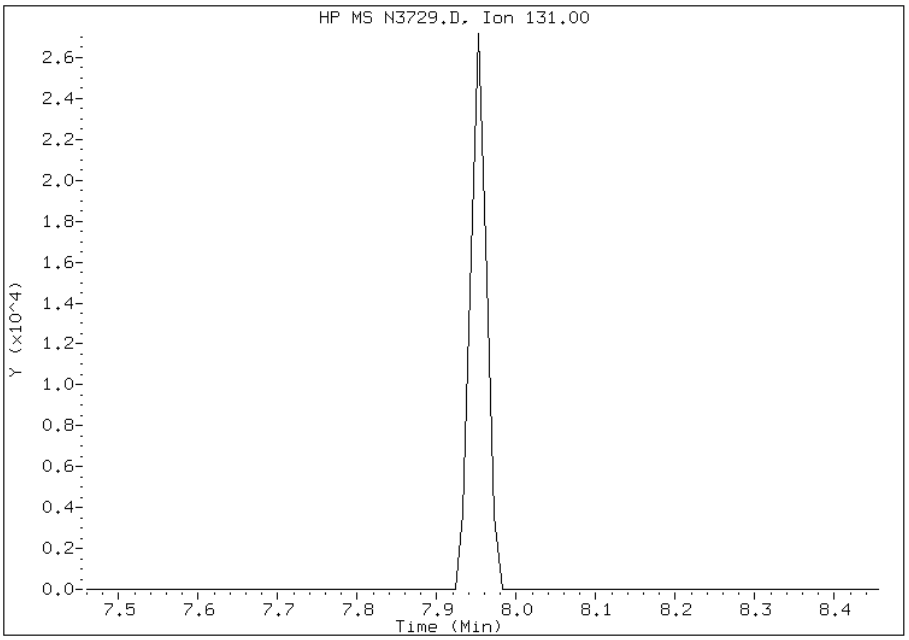
Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 89 1,1,1,2-Tetrachloroethane
CAS #: 630-20-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 7.96



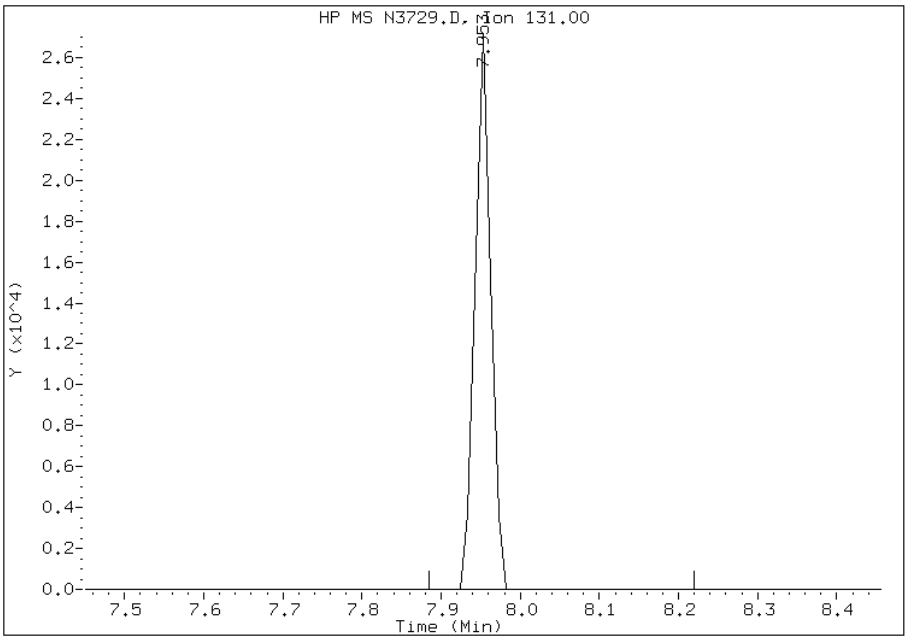
Manual Integration Results

RT: 7.95

Response: 39059

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 07/14/2011

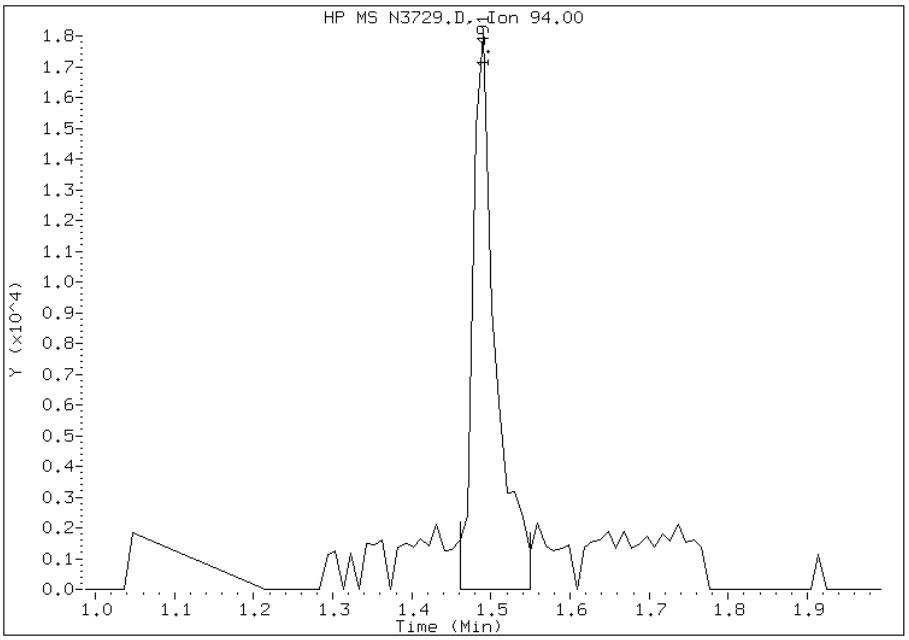
Processing Integration Results

RT: 1.49

Response: 36782

Amount: 7

Conc: 7



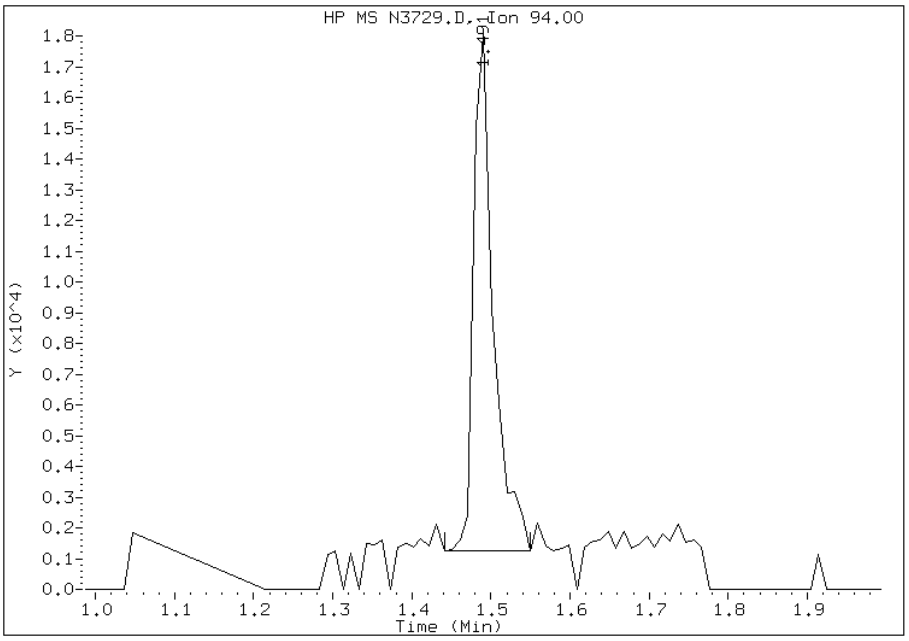
Manual Integration Results

RT: 1.49

Response: 29366

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52207/6	O4519.D
Level 2	IC 220-52207/1	O4512.D
Level 3	IC 220-52207/2	O4513.D
Level 4	IC 220-52207/3	O4514.D
Level 5	IC 220-52207/4	O4515.D
Level 6	IC 220-52207/5	O4516.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								
Heptane	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.5083 0.4459	0.4780	0.5071	0.4249	0.5320	Ave		0.4827				8.5		15.0			
Chloromethane	0.9339 0.8007	0.8923	0.9563	0.7766	0.9622	Ave		0.8870			0.1000	9.1		15.0			
Vinyl chloride	0.6944 0.6598	0.6662	0.6915	0.6224	0.7613	Ave		0.6826				6.8		30.0			
Bromomethane	0.5636 0.2327	0.3069	0.3081	0.2204	0.2597	Ave		0.3152				40.3	*	15.0			
Chloroethane	0.4116 0.1539	0.3463	0.3602	0.2578	0.2572	Ave		0.2978				31.2	*	15.0			
Trichlorofluoromethane	0.7281 0.5677	0.6919	0.6745	0.5801	0.7011	Ave		0.6572				10.2		15.0			
Dichlorofluoromethane	1.0760 0.7774	1.0105	0.9798	0.8211	0.9805	Ave		0.9409				12.3		15.0			
Ethyl ether	0.4044 0.3154	0.3793	0.3533	0.3063	0.3691	Ave		0.3546				10.7		15.0			
Ethanol	0.0308 0.0217	0.0309	0.0322	0.0236	0.0286	Ave		0.0280				15.5	*	15.0			
1,1-Dichloroethene	0.4495 0.3646	0.4150	0.4248	0.3621	0.4403	Ave		0.4094				9.2		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4926 0.4456	0.5039	0.5299	0.4465	0.5482	Ave		0.4945				8.5		15.0			
Carbon disulfide	2.0583 1.7716	1.9770	2.0272	1.7344	2.1568	Ave		1.9542				8.5		15.0			
Iodomethane	0.5593 0.6916	0.5932	0.7444	0.6852	0.8558	Ave		0.6882				15.5	*	15.0			
Acrolein	0.1226 0.1016	0.1169	0.1110	0.0943	0.1155	Ave		0.1103				9.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
Isopropyl alcohol	0.1405 0.1255	0.1616	0.1468	0.1165	0.1444	Ave		0.1392				11.5		15.0			
3-Chloro-1-propene	1.2546 1.0009	1.1553	1.1632	0.9736	1.1940	Ave		1.1236				9.9		15.0			
Methylene Chloride	+++++ 0.5280	0.8348	0.6716	0.5356	0.6534	Ave		0.6447				19.4	*	15.0			
Acetone	+++++ 0.3164	0.4998	0.4232	0.3223	0.3987	Ave		0.3921				19.4	*	15.0			
Methyl acetate	3.4102 2.7920	3.3793	3.2936	2.6332	3.2624	Ave		3.1284				10.6		15.0			
trans-1,2-Dichloroethene	0.5455 0.4533	0.5309	0.5304	0.4481	0.5551	Ave		0.5105				9.3		15.0			
Methyl tert-butyl ether	1.6629 1.3613	1.5955	1.5772	1.3120	1.6383	Ave		1.5245				9.8		15.0			
tert-Butyl alcohol	0.0973 0.0854	0.1136	0.0992	0.0846	0.1027	Ave		0.0971				11.3		15.0			
Acetonitrile	0.1065 0.0874	0.1054	0.0928	0.0809	0.0971	Ave		0.0950				10.6		15.0			
Isopropyl ether	2.8756 2.1724	2.5049	2.4228	2.1237	2.5640	Ave		2.4439				11.3		15.0			
2-Chloro-1,3-butadiene	0.5637 0.4609	0.5167	0.5264	0.4546	0.5565	Ave		0.5131				9.0		15.0			
1,1-Dichloroethane	1.1033 0.9383	1.0869	1.0662	0.9204	1.1131	Ave		1.0380			0.1000	8.3		15.0			
Acrylonitrile	0.3039 0.2643	0.3142	0.2701	0.2633	0.2765	Ave		0.2820				7.7		15.0			
Tert-butyl ethyl ether	2.1246 1.7237	2.0147	1.9597	1.7147	2.0389	Ave		1.9294				8.9		15.0			
Vinyl acetate	1.8734 1.5890	1.8322	1.7504	1.5094	1.8496	Ave		1.7340				8.7		15.0			
cis-1,2-Dichloroethene	0.6134 0.5231	0.5913	0.6001	0.5136	0.6482	Ave		0.5816				9.1		15.0			
2,2-Dichloropropane	1.0261 0.7088	0.8811	0.8371	0.7059	0.8803	Ave		0.8399				14.4		15.0			
Bromochloromethane	0.3048 0.2501	0.2840	0.2844	0.2446	0.3063	Ave		0.2790				9.5		15.0			
Cyclohexane	0.9749 0.7433	0.8598	0.8500	0.7320	0.9157	Ave		0.8459				11.2		15.0			
Chloroform	1.1459 0.8639	1.0167	1.0300	0.8661	1.0824	Ave		1.0008				11.5		30.0			

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
Ethyl acetate	0.0562 0.0378	0.0631	0.0483	0.0401	0.0506	Ave		0.0494				19.4	*	15.0			
Methyl acrylate	0.5971 0.5379	0.6438	0.6187	0.5173	0.6472	Ave		0.5937				9.2		15.0			
Carbon tetrachloride	0.7027 0.6061	0.6947	0.6906	0.5979	0.7553	Ave		0.6745				9.0		15.0			
Tetrahydrofuran	0.2919 0.2310	0.2816	0.2679	0.2275	0.2777	Ave		0.2630				10.4		15.0			
1,1,1-Trichloroethane	0.8003 0.6341	0.7307	0.7123	0.6181	0.7827	Ave		0.7130				10.5		15.0			
Methyl Ethyl Ketone	0.4945 0.4025	0.5403	0.4705	0.4046	0.5062	Ave		0.4698				11.9		15.0			
1,1-Dichloropropene	0.8776 0.6924	0.8211	0.7909	0.6862	0.8592	Ave		0.7879				10.4		15.0			
1-Chlorobutane	1.3487 1.0812	1.2667	1.2089	1.0630	1.3332	Ave		1.2170				10.1		15.0			
Benzene	2.3350 1.8989	2.2208	2.1443	1.8847	2.3855	Ave		2.1449				10.0		15.0			
Propionitrile	0.0963 0.0898	0.1050	0.0956	0.0853	0.1058	Ave		0.0963				8.4		15.0			
Methacrylonitrile	0.5498 0.4202	0.5270	0.4675	0.4047	0.5115	Ave		0.4801				12.3		15.0			
Tert-amyl methyl ether	1.7504 1.4205	1.7021	1.5905	1.3961	1.7600	Ave		1.6033				10.2		15.0			
1,2-Dichloroethane	0.7190 0.6212	0.7319	0.6961	0.6119	0.7631	Ave		0.6905				8.9		15.0			
Isobutyl alcohol	0.0939 0.0509	0.0536	0.0501	0.0475	0.0584	Ave		0.0591				29.6	*	15.0			
Methylcyclohexane	1.0865 0.8204	1.0081	0.9601	0.8226	1.0292	Ave		0.9545				11.6		15.0			
Trichloroethene	0.5136 0.4374	0.4926	0.4971	0.4346	0.5404	Ave		0.4860				8.7		15.0			
1,4-Dioxane	0 0.0059	0.0075	0.0067	0.0057	0.0066	Ave		0.0065				11.3		15.0			
Dibromomethane	0.4014 0.3407	0.3965	0.3851	0.3356	0.4157	Ave		0.3792				8.8		15.0			
1,2-Dichloropropane	0.6710 0.5545	0.6617	0.6251	0.5446	0.6875	Ave		0.6241				9.8		30.0			
Bromodichloromethane	0.8513 0.6580	0.8189	0.7478	0.6477	0.8178	Ave		0.7569				11.6		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
Methyl methacrylate	0.5116 0.4251	0.4894	0.4708	0.4173	0.5180	Ave		0.4720				9.1		15.0			
2-Chloroethyl vinyl ether	0.3700 0.3332	0.3939	0.3616	0.3155	0.4004	Ave		0.3625				9.2		15.0			
cis-1,3-Dichloropropene	0.9938 0.8268	0.9720	0.9208	0.8058	1.0162	Ave		0.9226				9.6		15.0			
Toluene	3.4131 2.6448	3.1061	2.9542	2.5029	3.2598	Ave		2.9802				11.8		30.0			
Chloroacetonitrile	0.0360 0.0292	0.0306	0.0303	0.0267	0.0343	Ave		0.0312				11.0		15.0			
2-Nitropropane	0.1811 0.1482	0.1721	0.1670	0.1428	0.1776	Ave		0.1648				9.6		15.0			
1,1-Dichloro-2-propanone	0.6880 0.5660	0.6294	0.5704	0.5036	0.6490	Ave		0.6011				11.1		15.0			
Tetrachloroethene	0.5844 0.4920	0.5104	0.5379	0.4680	0.5881	Ave		0.5301				9.3		15.0			
methyl isobutyl ketone	1.4734 1.0407	1.2513	1.1553	0.9717	1.2404	Ave		1.1888				14.9		15.0			
trans-1,3-Dichloropropene	0.8762 0.7259	0.8441	0.8090	0.7126	0.8882	Ave		0.8094				9.3		15.0			
1,1,2-Trichloroethane	0.4842 0.3928	0.4894	0.4437	0.3859	0.4839	Ave		0.4467				10.6		15.0			
Ethyl methacrylate	1.0326 0.9738	1.1019	1.0757	0.9203	1.1723	Ave		1.0461				8.7		15.0			
Dibromochloromethane	0.8608 0.7233	0.8125	0.7725	0.6795	0.8674	Ave		0.7860				9.6		15.0			
1,3-Dichloropropane	1.4365 1.1489	1.3123	1.2538	1.0900	1.3914	Ave		1.2721				10.6		15.0			
1,2-Dibromoethane	0.8329 0.6797	0.7812	0.7299	0.6375	0.8143	Ave		0.7459				10.4		15.0			
2-Hexanone	0.8455 0.8036	1.0921	0.9474	0.7708	0.9903	Ave		0.9083				13.6		15.0			
Chlorobenzene	2.1160 1.6582	1.9081	1.8716	1.6001	2.0368	Ave		1.8651			0.3000	10.9		15.0			
1-Chlorohexane	1.7034 0.9914	1.4871	1.1212	1.0769	1.7646	Ave		1.3574				24.9	*	15.0			
Ethylbenzene	1.0921 0.8584	1.0054	0.9488	0.8322	1.0593	Ave		0.9660				10.9		30.0			
1,1,1,2-Tetrachloroethane	0.7160 0.5934	0.6654	0.6392	0.5630	0.7248	Ave		0.6503				10.0		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
m&p-Xylene	1.3831 1.0986	1.2506	1.1887	1.0440	1.3298	Ave		1.2158				10.8		15.0			
o-Xylene	1.3346 1.0736	1.1968	1.1349	1.0060	1.2797	Ave		1.1709				10.6		15.0			
Bromoform	0.5122 0.4825	0.5085	0.5004	0.4447	0.5628	Ave		0.5019			0.1000	7.7		15.0			
Styrene	2.1684 1.7833	1.9835	1.9068	1.7117	2.1691	Ave		1.9538				9.8		15.0			
Isopropylbenzene	6.8838 5.4188	6.2545	5.7701	5.0425	6.1792	Ave		5.9248				11.1		15.0			
Bromobenzene	1.7872 1.4209	1.6351	1.5196	1.3329	1.6242	Ave		1.5533				10.5		15.0			
N-Propylbenzene	9.5376 7.5430	8.8919	8.0628	6.9903	8.6360	Ave		8.2769				11.3		15.0			
1,1,2,2-Tetrachloroethane	2.6471 2.0614	2.5129	2.1651	1.9054	2.3292	Ave		2.2702			0.3000	12.3		15.0			
4-Ethyltoluene	7.0783 5.6000	6.6237	6.1239	5.3586	6.5375	Ave		6.2203				10.5		15.0			
2-Chlorotoluene	6.5148 4.7479	5.8655	5.1871	4.5360	5.5631	Ave		5.4024				13.6		15.0			
1,2,3-Trichloropropane	0.5522 0.4810	0.5652	0.5020	0.4392	0.5444	Ave		0.5140				9.5		15.0			
1,3,5-Trimethylbenzene	6.0488 4.6825	5.5787	5.0720	4.4580	5.4900	Ave		5.2217				11.4		15.0			
trans-1,4-Dichloro-2-butene	0.5930 0.5475	0.6216	0.5605	0.5115	0.6352	Ave		0.5782				8.1		15.0			
4-Chlorotoluene	5.6580 4.4480	5.3821	4.8126	4.2130	5.1792	Ave		4.9488				11.3		15.0			
tert-Butylbenzene	4.8739 3.8651	4.6361	4.1806	3.6327	4.5241	Ave		4.2854				11.1		15.0			
1,2,4-Trimethylbenzene	6.0427 4.6068	5.6559	5.0277	4.5031	5.5021	Ave		5.2231				11.7		15.0			
sec-Butylbenzene	8.3799 6.2881	7.5470	6.8317	6.0745	7.4843	Ave		7.1009				12.2		15.0			
4-Isopropyltoluene	6.2111 4.7091	5.7365	5.2862	4.6539	5.6924	Ave		5.3815				11.5		15.0			
1,3-Dichlorobenzene	3.2340 2.4370	2.8708	2.6786	2.3728	2.9162	Ave		2.7515				11.7		15.0			
1,4-Dichlorobenzene	3.1312 2.4687	2.8888	2.7221	2.3894	2.9239	Ave		2.7540				10.3		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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-Diethylbenzene	2.9974 2.2566	2.7645	2.6447	2.2890	2.7511	Ave		2.6172				11.1		15.0			
Benzyl chloride	0.6613 0.5554	0.6289	0.6385	0.5540	0.6686	Ave		0.6178				8.3		15.0			
n-Butylbenzene	7.0385 5.5986	6.5526	6.7758	5.5055	7.0372	Ave		6.4180				10.8		15.0			
1,2-Dichlorobenzene	2.9708 2.2982	2.6833	2.5752	2.2429	2.7233	Ave		2.5823				10.6		15.0			
1,2,4,5-Tetramethylbenzene	4.8512 3.7247	4.5765	4.4009	3.7912	4.6331	Ave		4.3296				10.8		15.0			
1,2-Dibromo-3-Chloropropane	0.2718 0.2999	0.3538	0.3235	0.2898	0.3514	Ave		0.3150				10.7		15.0			
Nitrobenzene	0.0544 0.1222	0.0828	0.1060	0.1022	0.1400	Ave		0.1013				29.6	*	15.0			
Hexachlorobutadiene	0.9776 0.6669	0.8472	0.8240	0.6817	0.8486	Ave		0.8077				14.4		15.0			
1,2,4-Trichlorobenzene	1.3668 1.2755	1.3764	1.4959	1.2705	1.6009	Ave		1.3977				9.2		15.0			
Naphthalene	2.4213 3.1445	2.9073	3.3209	2.9176	3.8984	Ave		3.1017				15.9	*	15.0			
1,2,3-Trichlorobenzene	1.2747 1.1560	1.2115	1.2802	1.0973	1.4305	Ave		1.2417				9.3		15.0			
Dibromofluoromethane	0.6025 0.5042	0.5800	0.5681	0.5039	0.6098	Ave		0.5614				8.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.6474 0.5354	0.6626	0.5883	0.5541	0.6859	Ave		0.6123				10.1		15.0			
Toluene-d8 (Surr)	2.9388 2.3657	2.6897	2.5546	2.2447	2.8032	Ave		2.5995				10.1		15.0			
4-Bromofluorobenzene	2.4524 1.8911	2.2065	2.0307	1.7955	2.1433	Ave		2.0866				11.3		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 Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52207/6	O4519.D
Level 2	IC 220-52207/1	O4512.D
Level 3	IC 220-52207/2	O4513.D
Level 4	IC 220-52207/3	O4514.D
Level 5	IC 220-52207/4	O4515.D
Level 6	IC 220-52207/5	O4516.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Heptane	FB	Ave	0 0	0	0	0	0	5.00 200	20.0	50.0	100	150
Dichlorodifluoromethane	FB	Ave	21537 852053	77376	212982	414486	635025	5.00 200	20.0	50.0	100	150
Chloromethane	FB	Ave	39573 1530079	144432	401702	757613	1148518	5.00 200	20.0	50.0	100	150
Vinyl chloride	FB	Ave	29425 1260846	107847	290448	607222	908691	5.00 200	20.0	50.0	100	150
Bromomethane	FB	Ave	23882 444761	49680	129423	214980	309976	5.00 200	20.0	50.0	100	150
Chloroethane	FB	Ave	17441 294166	56051	151300	251539	307071	5.00 200	20.0	50.0	100	150
Trichlorofluoromethane	FB	Ave	30853 1084817	112001	283315	565882	836893	5.00 200	20.0	50.0	100	150
Dichlorofluoromethane	FB	Ave	45592 1485579	163578	411564	801045	1170390	5.00 200	20.0	50.0	100	150
Ethyl ether	FB	Ave	17138 602644	61394	148391	298829	440620	5.00 200	20.0	50.0	100	150
Ethanol	FB	Ave	13062 414167	50035	135220	230272	341864	50.0 2000	200	500	1000	1500
1,1-Dichloroethene	FB	Ave	19047 696801	67178	178420	353280	525632	5.00 200	20.0	50.0	100	150
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	20875 851469	81561	222589	435595	654390	5.00 200	20.0	50.0	100	150
Carbon disulfide	FB	Ave	87216 3385530	320023	851524	1692000	2574535	5.00 200	20.0	50.0	100	150
Iodomethane	FB	Ave	23698 1321704	96019	312667	668432	1021569	5.00 200	20.0	50.0	100	150
Acrolein	FB	Ave	25967 970899	94578	233138	460215	689138	25.0 1000	100	250	500	750
Isopropyl alcohol	FB	Ave	5952 239783	26157	61657	113670	172339	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	53161 1912737	187003	488573	949788	1425300	5.00 200	20.0	50.0	100	150
Methylene Chloride	FB	Ave	+++++ 1009013	135127	282114	522549	779898	+++++ 200	20.0	50.0	100	150
Acetone	FB	Ave	+++++ 604704	80906	177744	314390	475897	+++++ 200	20.0	50.0	100	150
Methyl acetate	FB	Ave	144503 5335534	547012	1383438	2568839	3894219	5.00 200	20.0	50.0	100	150
trans-1,2-Dichloroethene	FB	Ave	23113 866225	85936	222772	437128	662658	5.00 200	20.0	50.0	100	150
Methyl tert-butyl ether	FB	Ave	70464 2601569	258268	662505	1279889	1955544	5.00 200	20.0	50.0	100	150
tert-Butyl alcohol	FB	Ave	20607 815740	91956	208375	412512	612916	25.0 1000	100	250	500	750
Acetonitrile	FB	Ave	45138 1669425	170643	389926	789646	1159540	50.0 2000	200	500	1000	1500
Isopropyl ether	FB	Ave	121850 4151482	405481	1017668	2071836	3060518	5.00 200	20.0	50.0	100	150
2-Chloro-1,3-butadiene	FB	Ave	23887 880845	83647	221118	443501	664232	5.00 200	20.0	50.0	100	150
1,1-Dichloroethane	FB	Ave	46751 1793050	175946	447830	897901	1328691	5.00 200	20.0	50.0	100	150
Acrylonitrile	FB	Ave	25755 1010010	101736	226901	513640	660189	10.0 400	40.0	100	200	300
Tert-butyl ethyl ether	FB	Ave	90029 3294072	326129	823155	1672790	2433753	5.00 200	20.0	50.0	100	150
Vinyl acetate	FB	Ave	79384 3036653	296589	735219	1472498	2207859	5.00 200	20.0	50.0	100	150
cis-1,2-Dichloroethene	FB	Ave	25991 999564	95718	252077	501055	773741	5.00 200	20.0	50.0	100	150
2,2-Dichloropropane	FB	Ave	43481 1354569	142633	351635	688687	1050830	5.00 200	20.0	50.0	100	150
Bromochloromethane	FB	Ave	12915 477917	45976	119462	238622	365571	5.00 200	20.0	50.0	100	150
Cyclohexane	FB	Ave	41311 1420536	139173	357045	714066	1092988	5.00 200	20.0	50.0	100	150
Chloroform	FB	Ave	48558 1650845	164568	432636	844921	1292086	5.00 200	20.0	50.0	100	150
Ethyl acetate	FB	Ave	4763 144541	20432	40603	78232	120711	10.0 400	40.0	100	200	300
Methyl acrylate	FB	Ave	25303 1028028	104212	259873	504700	772494	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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 tetrachloride	FB	Ave	29778 1158273	112448	290061	583257	901586	5.00 200	20.0	50.0	100	150
Tetrahydrofuran	FB	Ave	24740 882957	91174	225089	443966	663053	10.0 400	40.0	100	200	300
1,1,1-Trichloroethane	FB	Ave	33910 1211752	118280	299184	602959	934285	5.00 200	20.0	50.0	100	150
Methyl Ethyl Ketone	FB	Ave	20955 769171	87452	197631	394725	604249	5.00 200	20.0	50.0	100	150
1,1-Dichloropropene	FB	Ave	37189 1323229	132911	332217	669473	1025629	5.00 200	20.0	50.0	100	150
1-Chlorobutane	FB	Ave	57149 2066246	205044	507789	1037052	1591444	5.00 200	20.0	50.0	100	150
Benzene	FB	Ave	98943 3628905	359485	900674	1838620	2847550	5.00 200	20.0	50.0	100	150
Propionitrile	FB	Ave	40796 1716878	170004	401701	832437	1262321	50.0 2000	200	500	1000	1500
Methacrylonitrile	FB	Ave	23299 802918	85314	196386	394793	610552	5.00 200	20.0	50.0	100	150
Tert-amyl methyl ether	FB	Ave	74172 2714521	275519	668091	1361943	2100896	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane	FB	Ave	30468 1187140	118471	292379	596993	910887	5.00 200	20.0	50.0	100	150
Isobutyl alcohol	FB	Ave	19898 486114	43413	105283	231503	348678	25.0 1000	100	250	500	750
Methylcyclohexane	FB	Ave	46037 1567864	163189	403264	802492	1228518	5.00 200	20.0	50.0	100	150
Trichloroethene	FB	Ave	21764 835963	79742	208801	424027	645092	5.00 200	20.0	50.0	100	150
1,4-Dioxane	FB	Ave	0 111847	12208	28280	56067	79271	50.0 2000	200	500	1000	1500
Dibromomethane	FB	Ave	17009 651085	64175	161768	327360	496154	5.00 200	20.0	50.0	100	150
1,2-Dichloropropane	FB	Ave	28434 1059614	107104	262566	531260	820624	5.00 200	20.0	50.0	100	150
Bromodichloromethane	FB	Ave	36071 1257387	132562	314089	631913	976209	5.00 200	20.0	50.0	100	150
Methyl methacrylate	FB	Ave	21678 812448	79226	197737	407076	618362	5.00 200	20.0	50.0	100	150
2-Chloroethyl vinyl ether	FB	Ave	15679 636841	63767	151905	307800	477998	5.00 200	20.0	50.0	100	150
cis-1,3-Dichloropropene	FB	Ave	42113 1580003	157347	386781	786091	1213039	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	94250 3370489	344098	845579	1677793	2654304	5.00 200	20.0	50.0	100	150
Chloroacetonitrile	FB	Ave	15271 557336	49567	127281	260382	408858	50.0 2000	200	500	1000	1500
2-Nitropropane	FB	Ave	15348 566493	55729	140256	278571	423983	10.0 400	40.0	100	200	300
1,1-Dichloro-2-propanone	CBZ	Ave	94991 3606149	348623	816273	1688072	2642369	25.0 1000	100	250	500	750
Tetrachloroethene	CBZ	Ave	16139 627044	56541	153954	313703	478832	5.00 200	20.0	50.0	100	150
methyl isobutyl ketone	CBZ	Ave	40686 1326208	138621	330695	651339	1010009	5.00 200	20.0	50.0	100	150
trans-1,3-Dichloropropene	FB	Ave	37129 1387197	136643	339822	695226	1060212	5.00 200	20.0	50.0	100	150
1,1,2-Trichloroethane	FB	Ave	20518 750632	79213	186365	376517	577637	5.00 200	20.0	50.0	100	150
Ethyl methacrylate	CBZ	Ave	28514 1240919	122063	307906	616912	954545	5.00 200	20.0	50.0	100	150
Dibromochloromethane	CBZ	Ave	23771 921780	90009	221114	455525	706300	5.00 200	20.0	50.0	100	150
1,3-Dichloropropane	CBZ	Ave	39668 1464059	145373	358875	730644	1132932	5.00 200	20.0	50.0	100	150
1,2-Dibromoethane	CBZ	Ave	23000 866227	86545	208930	427324	663050	5.00 200	20.0	50.0	100	150
2-Hexanone	CBZ	Ave	23347 1024063	120987	271180	516724	806367	5.00 200	20.0	50.0	100	150
Chlorobenzene	CBZ	Ave	58431 2113216	211378	535712	1072608	1658465	5.00 200	20.0	50.0	100	150
1-Chlorohexane	CBZ	Ave	47038 1263378	164737	320923	721855	1436829	5.00 200	20.0	50.0	100	150
Ethylbenzene	CBZ	Ave	30158 1093943	111376	271581	557827	862547	5.00 200	20.0	50.0	100	150
1,1,1,2-Tetrachloroethane	CBZ	Ave	19772 756212	73709	182961	377429	590209	5.00 200	20.0	50.0	100	150
m&p-Xylene	CBZ	Ave	76387 2800077	277075	680500	1399662	2165539	10.0 400	40.0	100	200	300
o-Xylene	CBZ	Ave	36853 1368217	132584	324840	674368	1042000	5.00 200	20.0	50.0	100	150
Bromoform	CBZ	Ave	14144 614866	56333	143232	298105	458253	5.00 200	20.0	50.0	100	150
Styrene	CBZ	Ave	59878 2272545	219731	545794	1147383	1766238	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	DCB	Ave	87482 3250331	313849	777456	1592933	2469524	5.00 200	20.0	50.0	100	150
Bromobenzene	DCB	Ave	22712 852261	82047	204749	421080	649092	5.00 200	20.0	50.0	100	150
N-Propylbenzene	DCB	Ave	121208 4524462	446194	1086369	2208262	3451362	5.00 200	20.0	50.0	100	150
1,1,2,2-Tetrachloroethane	DCB	Ave	33640 1236472	126097	291716	601916	930849	5.00 200	20.0	50.0	100	150
4-Ethyltoluene	DCB	Ave	89954 3359015	332375	825126	1692808	2612686	5.00 200	20.0	50.0	100	150
2-Chlorotoluene	DCB	Ave	82793 2847888	294333	698901	1432926	2223270	5.00 200	20.0	50.0	100	150
1,2,3-Trichloropropane	DCB	Ave	7018 288487	28360	67635	138758	217573	5.00 200	20.0	50.0	100	150
1,3,5-Trimethylbenzene	DCB	Ave	76870 2808651	279940	683397	1408295	2194073	5.00 200	20.0	50.0	100	150
trans-1,4-Dichloro-2-butene	DCB	Ave	15071 656804	62382	151054	323163	507690	10.0 400	40.0	100	200	300
4-Chlorotoluene	DCB	Ave	71904 2668042	270075	648441	1330914	2069865	5.00 200	20.0	50.0	100	150
tert-Butylbenzene	DCB	Ave	61939 2318364	232637	563279	1147598	1808039	5.00 200	20.0	50.0	100	150
1,2,4-Trimethylbenzene	DCB	Ave	76793 2763241	283814	677421	1422559	2198916	5.00 200	20.0	50.0	100	150
sec-Butylbenzene	DCB	Ave	106495 3771729	378708	920489	1918950	2991088	5.00 200	20.0	50.0	100	150
4-Isopropyltoluene	DCB	Ave	78933 2824630	287859	712257	1470191	2274951	5.00 200	20.0	50.0	100	150
1,3-Dichlorobenzene	DCB	Ave	41099 1461742	144055	360903	749578	1165458	5.00 200	20.0	50.0	100	150
1,4-Dichlorobenzene	DCB	Ave	39793 1480771	144958	366765	754835	1168540	5.00 200	20.0	50.0	100	150
p-Diethylbenzene	DCB	Ave	38092 1353568	138722	356337	723113	1099466	5.00 200	20.0	50.0	100	150
Benzyl chloride	DCB	Ave	8404 333121	31558	86028	175007	267193	5.00 200	20.0	50.0	100	150
n-Butylbenzene	DCB	Ave	89448 3358182	328807	912957	1739224	2812389	5.00 200	20.0	50.0	100	150
1,2-Dichlorobenzene	DCB	Ave	37754 1378539	134649	346977	708551	1088359	5.00 200	20.0	50.0	100	150
1,2,4,5-Tetramethylbenzene	DCB	Ave	61651 2234194	229647	592965	1197669	1851601	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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-Dibromo-3-Chloropropane	DCB	Ave	3454 179875	17752	43593	91542	140456	5.00 200	20.0	50.0	100	150
Nitrobenzene	DCB	Ave	6917 733100	41527	142863	322841	559665	50.0 2000	200	500	1000	1500
Hexachlorobutadiene	DCB	Ave	12424 400024	42511	111026	215364	339144	5.00 200	20.0	50.0	100	150
1,2,4-Trichlorobenzene	DCB	Ave	17370 765072	69067	201560	401362	639783	5.00 200	20.0	50.0	100	150
Naphthalene	DCB	Ave	30771 1886155	145889	447458	921695	1557970	5.00 200	20.0	50.0	100	150
1,2,3-Trichlorobenzene	DCB	Ave	16200 693416	60795	172492	346641	571696	5.00 200	20.0	50.0	100	150
Dibromofluoromethane	FB	Ave	25529 963589	93879	119316	491536	727922	5.00 200	20.0	25.0	100	150
1,2-Dichloroethane-d4 (Surr)	FB	Ave	27431 1023182	107260	123560	540532	818734	5.00 200	20.0	25.0	100	150
Toluene-d8 (Surr)	CBZ	Ave	81153 3014780	297968	365602	1504728	2282556	5.00 200	20.0	25.0	100	150
4-Bromofluorobenzene	DCB	Ave	31166 1134347	110724	136806	567202	856547	5.00 200	20.0	25.0	100	150

Curve Type Legend:
Ave = Average ISTD

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4512.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 23-JUN-2011 13:41 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;20
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 13:41 Cal File: O4512.D
Als bottle: 100 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.803	3.803	(1.000)	202340	25.0000	
2	Dichlorodifluoromethane	85	0.930	0.930	(0.245)	77376	20.0000	20
3	Chloromethane	50	1.008	1.008	(0.265)	144432	20.0000	20
4	Vinyl Chloride	62	1.048	1.048	(0.276)	107847	20.0000	20
5	Bromomethane	94	1.176	1.176	(0.309)	49680	20.0000	19
6	Chloroethane	64	1.225	1.225	(0.322)	56051	20.0000	23
7	Trichlorofluoromethane	101	1.284	1.284	(0.338)	112001	20.0000	21
8	Dichlorofluoromethane	67	1.303	1.303	(0.343)	163578	20.0000	21
9	Ethyl Ether	45	1.402	1.402	(0.369)	61394	20.0000	21
10	Ethanol	45	1.451	1.451	(0.382)	50035	200.000	220
12	Freon 123	67	1.500	1.500	(0.395)	29091	20.0000	21
13	Trichlorotrifluoroethane	101	1.510	1.510	(0.397)	81561	20.0000	20
14	1,1-Dichloroethene	96	1.500	1.500	(0.395)	67178	20.0000	20
15	Carbon Disulfide	76	1.530	1.530	(0.402)	320023	20.0000	20
16	Iodomethane	142	1.579	1.579	(0.415)	96019	20.0000	17
17	Acrolein	56	1.648	1.648	(0.433)	94578	100.000	100
18	2-Propanol	45	1.707	1.707	(0.449)	26157	20.0000	23(H)
19	3-Chloro-1-Propene	41	1.717	1.717	(0.452)	187003	20.0000	20
20	Methylene Chloride	84	1.776	1.776	(0.467)	135127	20.0000	26
21	Acetone	43	1.795	1.795	(0.472)	80906	20.0000	25
22	trans-1,2-Dichloroethene	96	1.854	1.854	(0.488)	85936	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.845	1.845	(0.485)	547012	20.0000	22
	24 Methyl tert-Butyl Ether	73	1.904	1.904	(0.501)	258268	20.0000	21
	25 tert-Butyl alcohol	59	1.943	1.943	(0.511)	91956	100.000	120
	26 Acetonitrile	41	2.051	2.051	(0.539)	170643	200.000	220
	27 Isopropyl ether	45	2.110	2.110	(0.555)	405481	20.0000	20
	28 tert-Butyl ethyl ether	59	2.346	2.346	(0.617)	326129	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.199	2.199	(0.578)	83647	20.0000	20
	30 Acrylonitrile	53	2.238	2.238	(0.589)	101736	40.0000	44
	31 1,1-Dichloroethane	63	2.209	2.209	(0.581)	175946	20.0000	21
	32 Vinyl Acetate	43	2.356	2.356	(0.620)	296589	20.0000	21
	33 cis-1,2-Dichloroethene	96	2.583	2.583	(0.679)	95718	20.0000	20
	34 2,2-Dichloropropane	77	2.661	2.661	(0.700)	142633	20.0000	21
	35 Bromochloromethane	128	2.740	2.740	(0.721)	45976	20.0000	20
	37 Cyclohexane	84	2.750	2.750	(0.723)	139173	20.0000	20
	38 Chloroform	83	2.799	2.799	(0.736)	164568	20.0000	20
	39 Ethyl Acetate	43	2.897	2.897	(0.762)	20432	40.0000	51(M)
	40 Methyl Acrylate	55	2.907	2.907	(0.765)	104212	20.0000	22
$	41 Dibromofluoromethane	111	2.956	2.956	(0.778)	93879	20.0000	21
	42 Tetrahydrofuran	42	2.937	2.937	(0.772)	91174	40.0000	43
	43 Carbon Tetrachloride	117	2.917	2.917	(0.767)	112448	20.0000	20
	44 1,1,1-Trichloroethane	97	2.976	2.976	(0.783)	118280	20.0000	20
	45 2-Butanone	43	3.065	3.065	(0.806)	87452	20.0000	23
	46 1,1-Dichloropropene	75	3.094	3.094	(0.814)	132911	20.0000	21
	47 tert-Amyl methyl ether	73	3.458	3.458	(0.909)	275519	20.0000	21
	49 1-Chlorobutane	56	3.134	3.134	(0.824)	205044	20.0000	21
	51 Propionitrile	54	3.350	3.350	(0.881)	170004	200.000	220
	52 Benzene	78	3.330	3.330	(0.876)	359485	20.0000	21
	53 2-Methyl-2-Propenenitrile	41	3.379	3.379	(0.889)	85314	20.0000	22
	54 Isobutyl alcohol	42	3.606	3.606	(0.948)	43413	100.000	91(M)
$	55 1,2-Dichloroethane-d4	65	3.478	3.478	(0.915)	107260	20.0000	22
	56 1,2-Dichloroethane	62	3.547	3.547	(0.933)	118471	20.0000	21
	59 Methyl Cyclohexane	83	4.009	4.009	(1.054)	163189	20.0000	21
	60 Trichloroethene	130	4.029	4.029	(1.060)	79742	20.0000	20
	63 Dibromomethane	93	4.550	4.550	(1.197)	64175	20.0000	21
	64 1,2-Dichloropropane	63	4.668	4.668	(1.228)	107104	20.0000	21(T)
	65 Bromodichloromethane	83	4.777	4.777	(1.256)	132562	20.0000	22
	66 Methyl Methacrylate	69	5.003	5.003	(1.316)	79226	20.0000	21
	67 1,4-Dioxane	58	5.023	5.023	(1.321)	12208	200.000	230
	69 2-Chloroethylvinylether	63	5.465	5.465	(1.437)	63767	20.0000	22
	70 cis-1,3-Dichloropropene	75	5.495	5.495	(1.445)	157347	20.0000	21
	71 Chloroacetonitrile	48	5.928	5.928	(1.559)	49567	200.000	200
	72 2-Nitropropane	41	5.977	5.977	(1.572)	55729	40.0000	42
	73 trans-1,3-Dichloropropene	75	6.193	6.193	(1.629)	136643	20.0000	21
	74 1,1,2-Trichloroethane	97	6.351	6.351	(1.670)	79213	20.0000	22
*	75 Chlorobenzene-d5	117	7.207	7.207	(1.000)	138475	25.0000	
	76 Toluene	91	5.741	5.741	(0.797)	344098	20.0000	21
$	77 Toluene-d8	98	5.692	5.692	(0.790)	297968	20.0000	21
	78 1,1-Dichloro-2-propanone	43	5.997	5.997	(0.832)	348623	100.000	100(M)
	79 4-Methyl-2-Pentanone	43	6.164	6.164	(0.855)	138621	20.0000	21
	80 Tetrachloroethene	164	6.134	6.134	(0.851)	56541	20.0000	19
	81 Ethyl Methacrylate	69	6.400	6.400	(0.888)	122063	20.0000	21
	82 Dibromochloromethane	129	6.508	6.508	(0.903)	90009	20.0000	21
	83 1,3-Dichloropropane	76	6.597	6.597	(0.915)	145373	20.0000	21
	84 1,2-Dibromoethane	107	6.705	6.705	(0.930)	86545	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.990	6.990	(0.970)	120987	20.0000	24
87	1-Chlorohexane	91	7.256	7.256	(1.007)	164737	20.0000	22(M)
88	Chlorobenzene	112	7.227	7.227	(1.003)	211378	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.012)	73709	20.0000	20
90	Ethylbenzene	106	7.276	7.276	(1.010)	111376	20.0000	21
91	Xylene (total)mp	106	7.413	7.413	(1.029)	277075	40.0000	41
92	Xylene (total)o	106	7.797	7.797	(1.082)	132584	20.0000	20
93	Styrene	104	7.856	7.856	(1.090)	219731	20.0000	20
94	Bromoform	173	7.856	7.856	(1.090)	56333	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	9.312	9.312	(1.000)	62725	25.0000	
96	Isopropylbenzene	105	8.092	8.092	(0.869)	313849	20.0000	21
97	Bromobenzene	156	8.407	8.407	(0.903)	82047	20.0000	21
98	1,1,2,2-Tetrachloroethane	83	8.545	8.545	(0.918)	126097	20.0000	22
99	4-Ethyltoluene	105	8.565	8.565	(0.920)	332375	20.0000	21
100	1,2,3-Trichloropropane	110	8.634	8.634	(0.927)	28360	20.0000	22
101	trans-1,4-Dichloro-2-Butene	53	8.683	8.683	(0.932)	62382	40.0000	43
102	n-Propylbenzene	91	8.466	8.466	(0.909)	446194	20.0000	21
103	2-Chlorotoluene	91	8.574	8.574	(0.921)	294333	20.0000	22
104	4-Chlorotoluene	91	8.732	8.732	(0.938)	270075	20.0000	22
105	1,3,5-Trimethylbenzene	105	8.643	8.643	(0.928)	279940	20.0000	21
106	tert-Butylbenzene	119	8.919	8.919	(0.958)	232637	20.0000	22
107	1,2,4-Trimethylbenzene	105	8.978	8.978	(0.964)	283814	20.0000	22
108	sec-Butylbenzene	105	9.066	9.066	(0.974)	378708	20.0000	21
109	4-Isopropyltoluene	119	9.204	9.204	(0.988)	287859	20.0000	21
110	1,3-Dichlorobenzene	146	9.244	9.244	(0.993)	144055	20.0000	21
111	1,4-Dichlorobenzene	146	9.322	9.322	(1.001)	144958	20.0000	21
112	1,2-Dichlorobenzene	146	9.676	9.676	(1.039)	134649	20.0000	21
113	Benzyl Chloride	126	9.549	9.549	(1.025)	31558	20.0000	20
114	1,4-Diethylbenzene	119	9.529	9.529	(1.023)	138722	20.0000	21
115	n-Butylbenzene	91	9.578	9.578	(1.029)	328807	20.0000	20
118	1,2,4,5-Tetramethylbenzene	119	10.227	10.227	(1.098)	229647	20.0000	21
119	1,2-Dibromo-3-chloropropane	75	10.375	10.375	(1.114)	17752	20.0000	22
120	Nitrobenzene	77	10.867	10.867	(1.167)	41527	200.000	160
121	1,2,4-Trichlorobenzene	180	10.975	10.975	(1.179)	69067	20.0000	20
122	Hexachlorobutadiene	225	10.975	10.975	(1.179)	42511	20.0000	21
123	Naphthalene	128	11.251	11.251	(1.208)	145889	20.0000	19
124	1,2,3-Trichlorobenzene	180	11.418	11.418	(1.226)	60795	20.0000	20
$ 125	Bromofluorobenzene	95	8.329	8.329	(0.894)	110724	20.0000	21
M 126	1,2-Dichloroethene (total)	100				181654	40.0000	41
M 127	Xylene (total)	100				409659	60.0000	62

QC Flag Legend

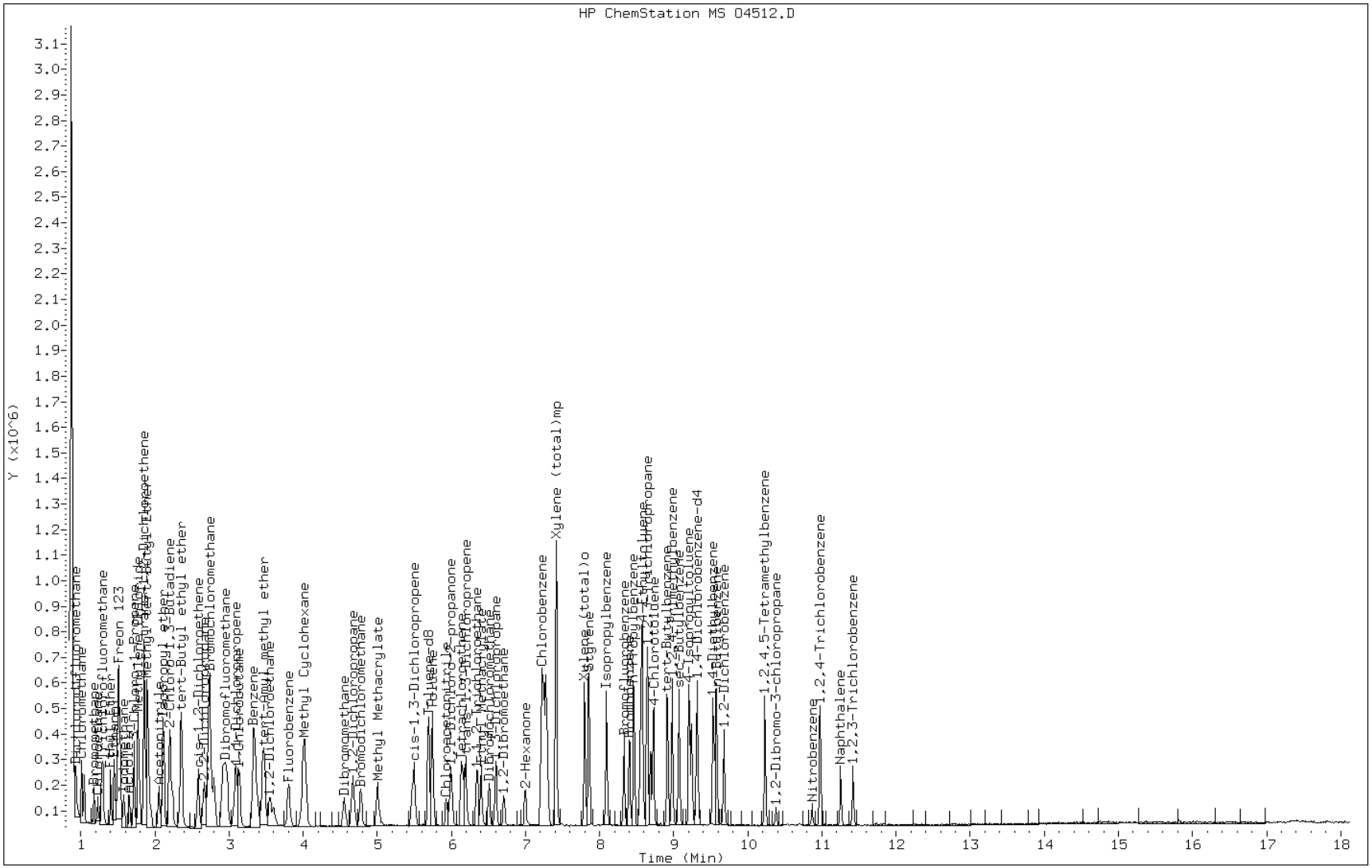
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O4512.D

Date: 23-JUN-2011 13:41

Client ID: IC;20 Instrument: mso.i

Sample Info: IC;20 Operator: D. HUMBERT



Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 06/23/2011

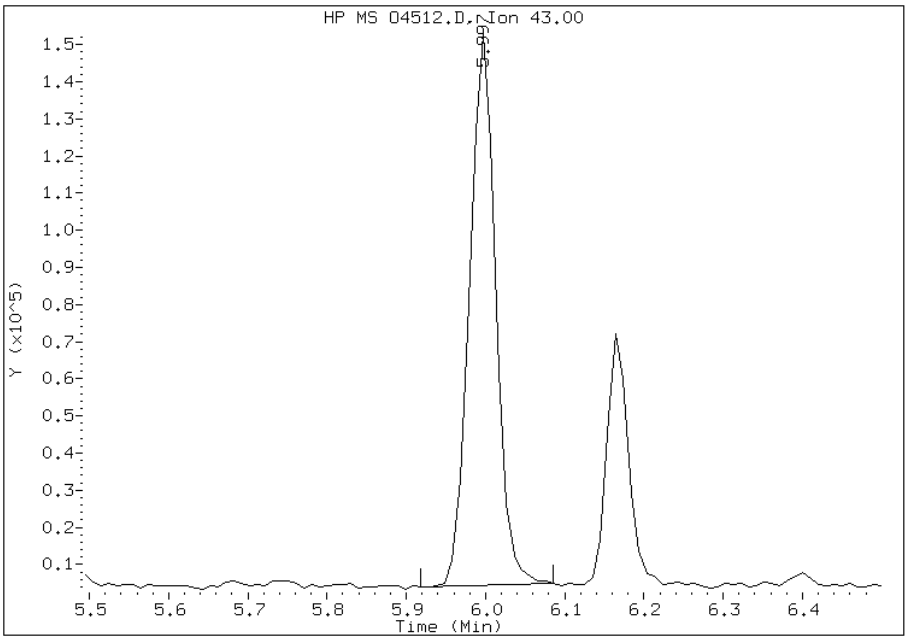
Processing Integration Results

RT: 6.00

Response: 348623

Amount: 105

Conc: 105



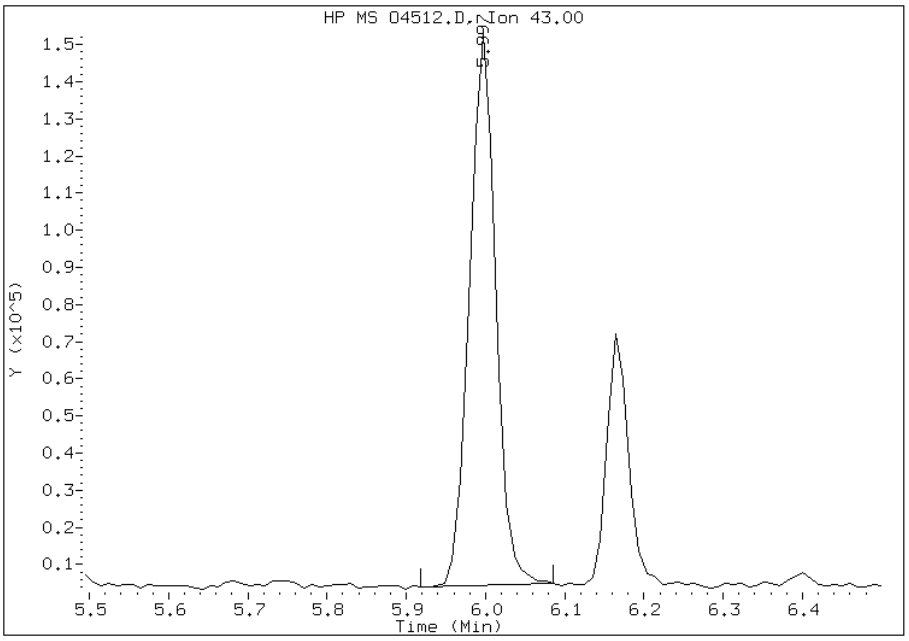
Manual Integration Results

RT: 6.00

Response: 348623

Amount: 105

Conc: 105



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 06/23/2011

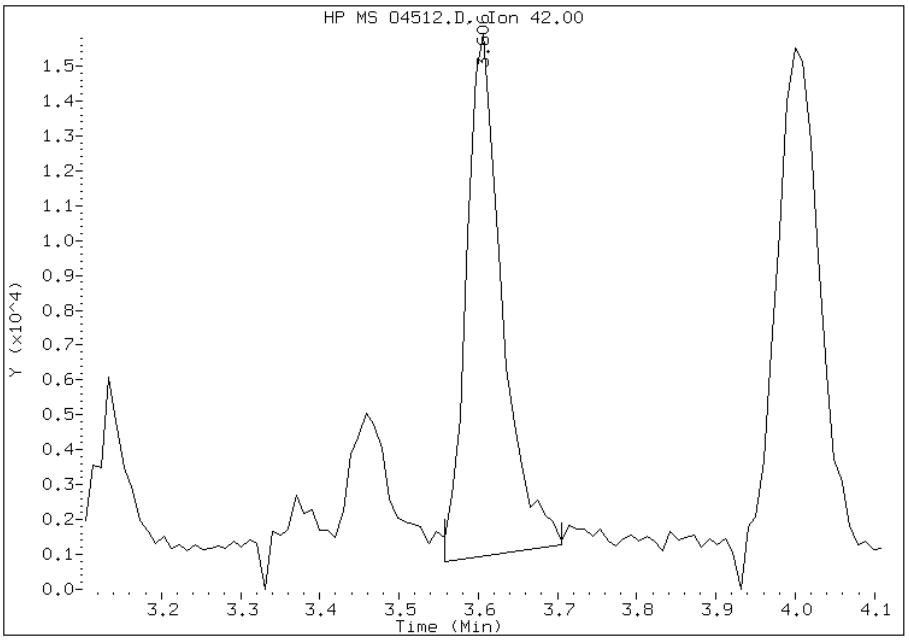
Processing Integration Results

RT: 3.61

Response: 47820

Amount: 109

Conc: 109



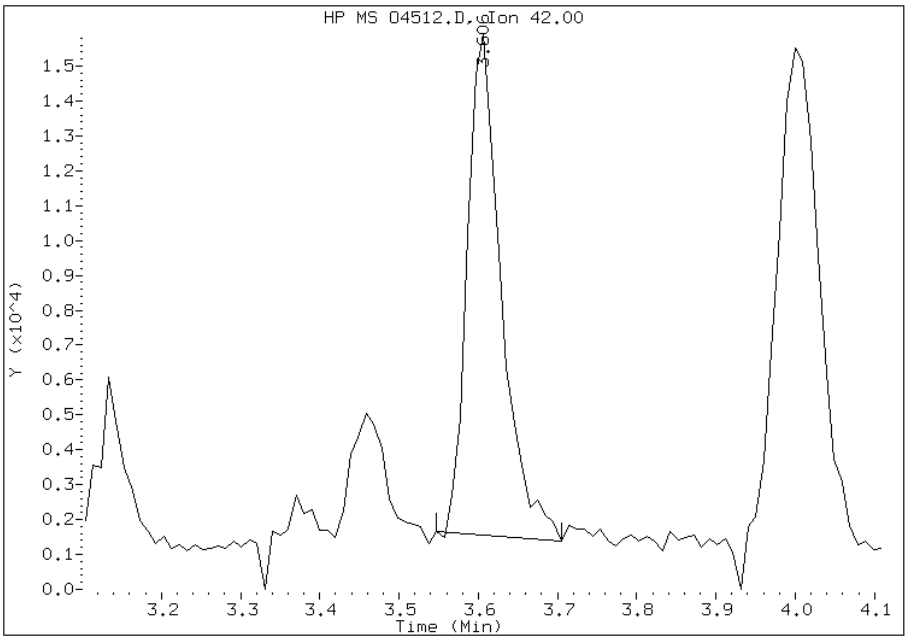
Manual Integration Results

RT: 3.61

Response: 43413

Amount: 91

Conc: 91



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

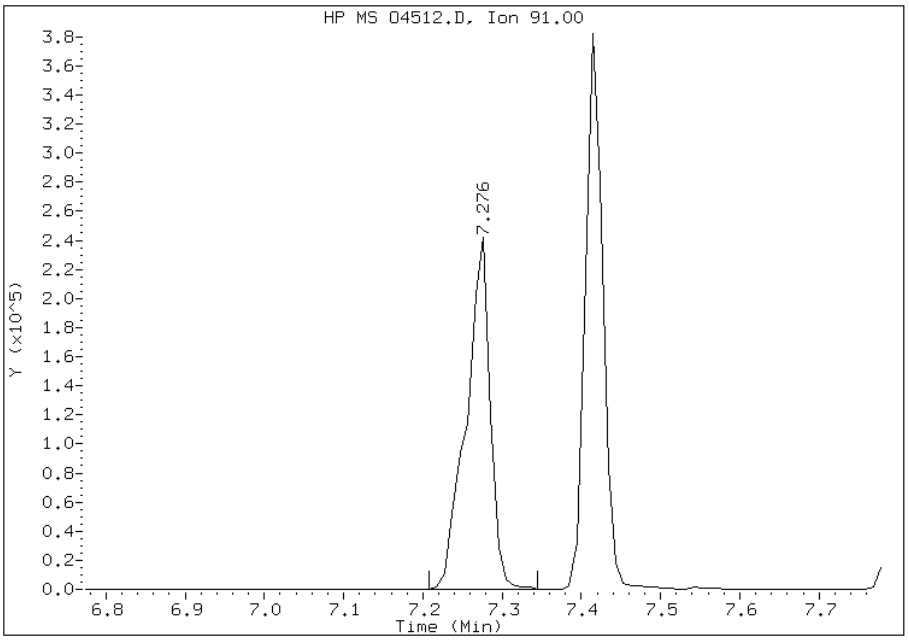
Processing Integration Results

RT: 7.28

Response: 518392

Amount: 34

Conc: 34



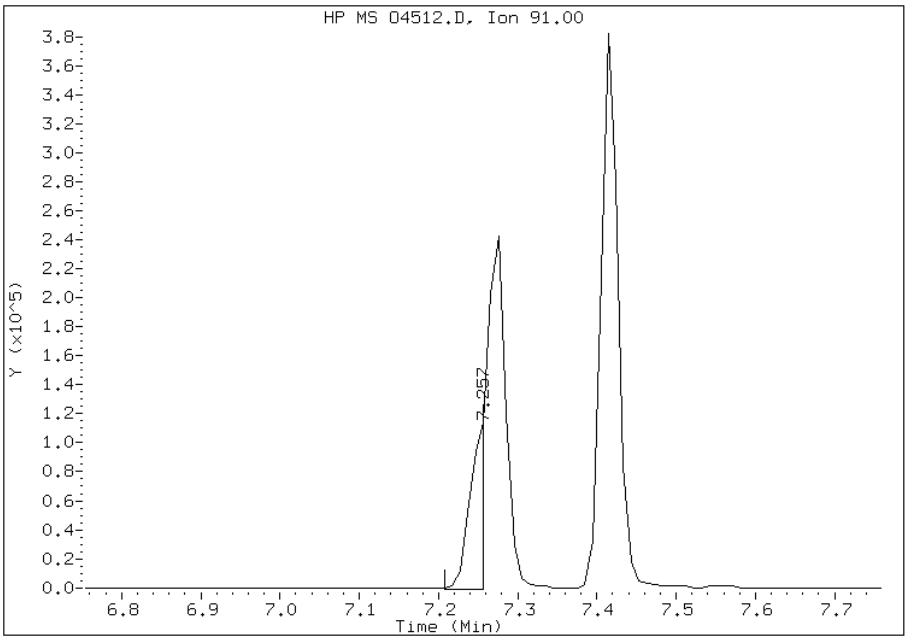
Manual Integration Results

RT: 7.26

Response: 164737

Amount: 22

Conc: 22



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

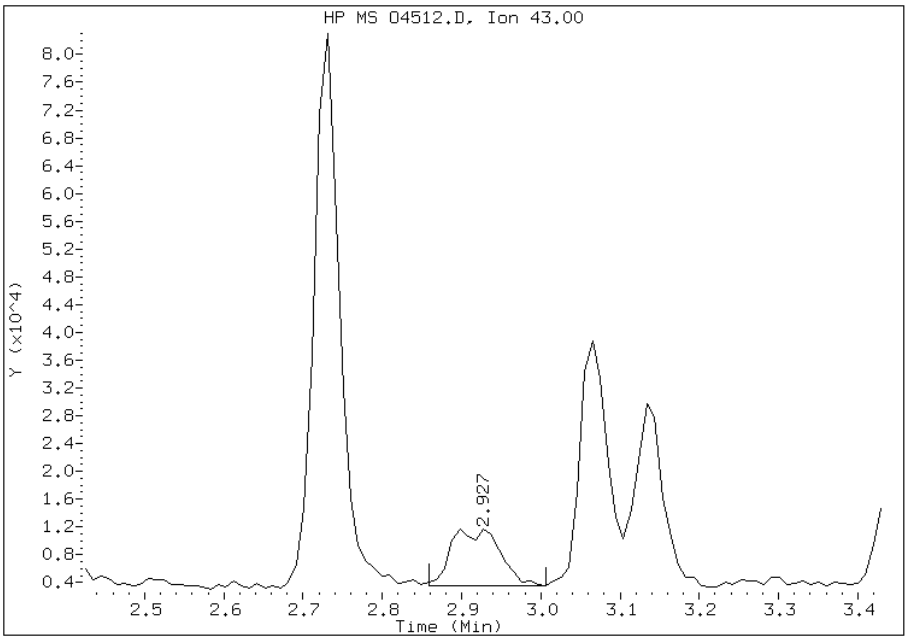
Processing Integration Results

RT: 2.93

Response: 35634

Amount: 61

Conc: 61



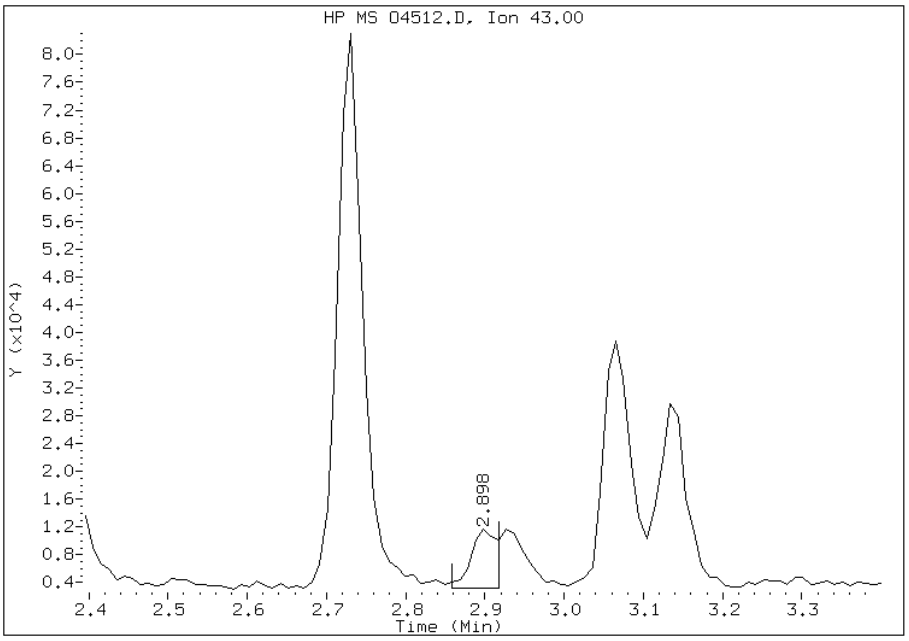
Manual Integration Results

RT: 2.90

Response: 20432

Amount: 51

Conc: 51



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4513.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 23-JUN-2011 14:06 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;50
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 14:06 Cal File: O4513.D
Als bottle: 100 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.806	3.806	(1.000)	210020	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.245)	212982	50.0000	52
3	Chloromethane	50	1.012	1.012	(0.266)	401702	50.0000	54
4	Vinyl Chloride	62	1.041	1.041	(0.274)	290448	50.0000	51
5	Bromomethane	94	1.179	1.179	(0.310)	129423	50.0000	49
6	Chloroethane	64	1.228	1.228	(0.323)	151300	50.0000	60
7	Trichlorofluoromethane	101	1.287	1.287	(0.338)	283315	50.0000	51
8	Dichlorofluoromethane	67	1.297	1.297	(0.341)	411564	50.0000	52
9	Ethyl Ether	45	1.405	1.405	(0.369)	148391	50.0000	50
10	Ethanol	45	1.454	1.454	(0.382)	135220	500.000	580
12	Freon 123	67	1.504	1.504	(0.395)	70389	50.0000	50
13	Trichlorotrifluoroethane	101	1.513	1.513	(0.398)	222589	50.0000	54
14	1,1-Dichloroethene	96	1.504	1.504	(0.395)	178420	50.0000	52
15	Carbon Disulfide	76	1.533	1.533	(0.403)	851524	50.0000	52
16	Iodomethane	142	1.582	1.582	(0.416)	312667	50.0000	54
17	Acrolein	56	1.651	1.651	(0.434)	233138	250.000	250
18	2-Propanol	45	1.710	1.710	(0.449)	61657	50.0000	53(H)
19	3-Chloro-1-Propene	41	1.720	1.720	(0.452)	488573	50.0000	52
20	Methylene Chloride	84	1.769	1.769	(0.465)	282114	50.0000	52
21	Acetone	43	1.789	1.789	(0.470)	177744	50.0000	54
22	trans-1,2-Dichloroethene	96	1.858	1.858	(0.488)	222772	50.0000	52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.848	1.848	(0.486)	1383438	50.0000	53
	24 Methyl tert-Butyl Ether	73	1.907	1.907	(0.501)	662505	50.0000	52
	25 tert-Butyl alcohol	59	1.936	1.936	(0.509)	208375	250.000	260
	26 Acetonitrile	41	2.045	2.045	(0.537)	389926	500.000	490
	27 Isopropyl ether	45	2.114	2.114	(0.555)	1017668	50.0000	50
	28 tert-Butyl ethyl ether	59	2.350	2.350	(0.617)	823155	50.0000	51
	29 2-Chloro-1,3-Butadiene	88	2.192	2.192	(0.576)	221118	50.0000	51
	30 Acrylonitrile	53	2.241	2.241	(0.589)	226901	100.000	96
	31 1,1-Dichloroethane	63	2.212	2.212	(0.581)	447830	50.0000	51
	32 Vinyl Acetate	43	2.360	2.360	(0.620)	735219	50.0000	50
	33 cis-1,2-Dichloroethene	96	2.586	2.586	(0.679)	252077	50.0000	52
	34 2,2-Dichloropropane	77	2.665	2.665	(0.700)	351635	50.0000	50
	35 Bromochloromethane	128	2.733	2.733	(0.718)	119462	50.0000	51
	37 Cyclohexane	84	2.743	2.743	(0.721)	357045	50.0000	50
	38 Chloroform	83	2.792	2.792	(0.734)	432636	50.0000	51
	39 Ethyl Acetate	43	2.891	2.891	(0.760)	40603	100.000	98(H)
	40 Methyl Acrylate	55	2.901	2.901	(0.762)	259873	50.0000	52
$	41 Dibromofluoromethane	111	2.950	2.950	(0.775)	119316	25.0000	25
	42 Tetrahydrofuran	42	2.930	2.930	(0.770)	225089	100.000	100
	43 Carbon Tetrachloride	117	2.920	2.920	(0.767)	290061	50.0000	51
	44 1,1,1-Trichloroethane	97	2.979	2.979	(0.783)	299184	50.0000	50
	45 2-Butanone	43	3.058	3.058	(0.804)	197631	50.0000	50
	46 1,1-Dichloropropene	75	3.088	3.088	(0.811)	332217	50.0000	50
	47 tert-Amyl methyl ether	73	3.462	3.462	(0.910)	668091	50.0000	50
	49 1-Chlorobutane	56	3.137	3.137	(0.824)	507789	50.0000	50
	51 Propionitrile	54	3.343	3.343	(0.879)	401701	500.000	500
	52 Benzene	78	3.334	3.334	(0.876)	900674	50.0000	50
	53 2-Methyl-2-Propenenitrile	41	3.373	3.373	(0.886)	196386	50.0000	49
	54 Isobutyl alcohol	42	3.599	3.599	(0.946)	105283	250.000	210(M)
$	55 1,2-Dichloroethane-d4	65	3.471	3.471	(0.912)	123560	25.0000	24
	56 1,2-Dichloroethane	62	3.550	3.550	(0.933)	292379	50.0000	50
	59 Methyl Cyclohexane	83	4.003	4.003	(1.052)	403264	50.0000	50
	60 Trichloroethene	130	4.022	4.022	(1.057)	208801	50.0000	51
	63 Dibromomethane	93	4.544	4.544	(1.194)	161768	50.0000	51
	64 1,2-Dichloropropane	63	4.672	4.672	(1.227)	262566	50.0000	50
	65 Bromodichloromethane	83	4.770	4.770	(1.253)	314089	50.0000	49
	66 Methyl Methacrylate	69	4.996	4.996	(1.313)	197737	50.0000	50
	67 1,4-Dioxane	58	5.016	5.016	(1.318)	28280	500.000	520
	69 2-Chloroethylvinylether	63	5.459	5.459	(1.434)	151905	50.0000	50
	70 cis-1,3-Dichloropropene	75	5.498	5.498	(1.445)	386781	50.0000	50
	71 Chloroacetonitrile	48	5.921	5.921	(1.556)	127281	500.000	480
	72 2-Nitropropane	41	5.980	5.980	(1.571)	140256	100.000	100
	73 trans-1,3-Dichloropropene	75	6.187	6.187	(1.626)	339822	50.0000	50
	74 1,1,2-Trichloroethane	97	6.344	6.344	(1.667)	186365	50.0000	50
*	75 Chlorobenzene-d5	117	7.210	7.210	(1.000)	143115	25.0000	
	76 Toluene	91	5.744	5.744	(0.797)	845579	50.0000	50
$	77 Toluene-d8	98	5.685	5.685	(0.789)	365602	25.0000	24
	78 1,1-Dichloro-2-propanone	43	5.990	5.990	(0.831)	816273	250.000	240
	79 4-Methyl-2-Pentanone	43	6.157	6.157	(0.854)	330695	50.0000	48
	80 Tetrachloroethene	164	6.138	6.138	(0.851)	153954	50.0000	51
	81 Ethyl Methacrylate	69	6.394	6.394	(0.887)	307906	50.0000	51
	82 Dibromochloromethane	129	6.512	6.512	(0.903)	221114	50.0000	49
	83 1,3-Dichloropropane	76	6.600	6.600	(0.915)	358875	50.0000	49
	84 1,2-Dibromoethane	107	6.708	6.708	(0.930)	208930	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.994	6.994	(0.970)	271180	50.0000	52
87	1-Chlorohexane	91	7.250	7.250	(1.005)	320923	50.0000	41(M)
88	Chlorobenzene	112	7.220	7.220	(1.001)	535712	50.0000	50
89	1,1,1,2-Tetrachloroethane	131	7.299	7.299	(1.012)	182961	50.0000	49
90	Ethylbenzene	106	7.269	7.269	(1.008)	271581	50.0000	49
91	Xylene (total)mp	106	7.417	7.417	(1.029)	680500	100.000	98
92	Xylene (total)o	106	7.801	7.801	(1.082)	324840	50.0000	48
93	Styrene	104	7.850	7.850	(1.089)	545794	50.0000	49
94	Bromoform	173	7.850	7.850	(1.089)	143232	50.0000	50
* 95	1,4-Dichlorobenzene-d4	152	9.306	9.306	(1.000)	67369	25.0000	
96	Isopropylbenzene	105	8.086	8.086	(0.869)	777456	50.0000	49
97	Bromobenzene	156	8.401	8.401	(0.903)	204749	50.0000	49
98	1,1,2,2-Tetrachloroethane	83	8.538	8.538	(0.918)	291716	50.0000	48
99	4-Ethyltoluene	105	8.558	8.558	(0.920)	825126	50.0000	49
100	1,2,3-Trichloropropane	110	8.637	8.637	(0.928)	67635	50.0000	49
101	trans-1,4-Dichloro-2-Butene	53	8.686	8.686	(0.933)	151054	100.000	97
102	n-Propylbenzene	91	8.460	8.460	(0.909)	1086369	50.0000	49
103	2-Chlorotoluene	91	8.578	8.578	(0.922)	698901	50.0000	48
104	4-Chlorotoluene	91	8.725	8.725	(0.938)	648441	50.0000	49
105	1,3,5-Trimethylbenzene	105	8.647	8.647	(0.929)	683397	50.0000	48
106	tert-Butylbenzene	119	8.912	8.912	(0.958)	563279	50.0000	49
107	1,2,4-Trimethylbenzene	105	8.981	8.981	(0.965)	677421	50.0000	48
108	sec-Butylbenzene	105	9.070	9.070	(0.975)	920489	50.0000	48
109	4-Isopropyltoluene	119	9.207	9.207	(0.989)	712257	50.0000	49
110	1,3-Dichlorobenzene	146	9.237	9.237	(0.993)	360903	50.0000	49
111	1,4-Dichlorobenzene	146	9.316	9.316	(1.001)	366765	50.0000	49
112	1,2-Dichlorobenzene	146	9.680	9.680	(1.040)	346977	50.0000	50
113	Benzyl Chloride	126	9.542	9.542	(1.025)	86028	50.0000	52
114	1,4-Diethylbenzene	119	9.522	9.522	(1.023)	356337	50.0000	50
115	n-Butylbenzene	91	9.572	9.572	(1.029)	912957	50.0000	53
118	1,2,4,5-Tetramethylbenzene	119	10.231	10.231	(1.099)	592965	50.0000	51
119	1,2-Dibromo-3-chloropropane	75	10.378	10.378	(1.115)	43593	50.0000	51
120	Nitrobenzene	77	10.860	10.860	(1.167)	142863	500.000	520
121	1,2,4-Trichlorobenzene	180	10.979	10.979	(1.180)	201560	50.0000	54
122	Hexachlorobutadiene	225	10.969	10.969	(1.179)	111026	50.0000	51
123	Naphthalene	128	11.254	11.254	(1.209)	447458	50.0000	54
124	1,2,3-Trichlorobenzene	180	11.411	11.411	(1.226)	172492	50.0000	52
$ 125	Bromofluorobenzene	95	8.322	8.322	(0.894)	136806	25.0000	24
M 126	1,2-Dichloroethene (total)	100				474849	100.000	100
M 127	Xylene (total)	100				1005340	150.000	150

QC Flag Legend

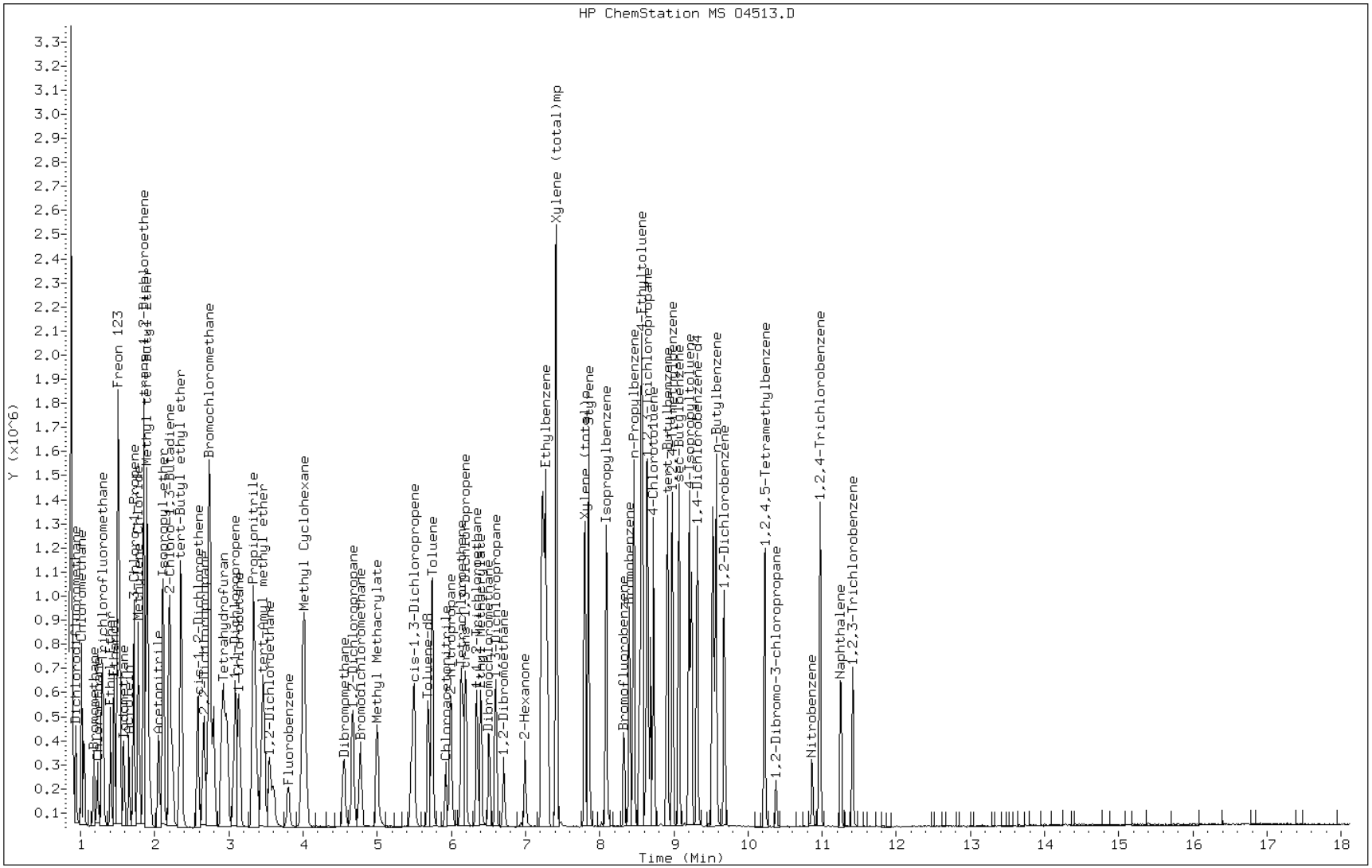
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O4513.D

Date: 23-JUN-2011 14:06

Client ID: IC;50 Instrument: mso.i

Sample Info: IC;50 Operator: D. HUMBERT



Manual Integration Report

Data File: O4513.D
Inj. Date and Time: 23-JUN-2011 14:06
Instrument ID: mso.i
Client ID: IC;50
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 06/23/2011

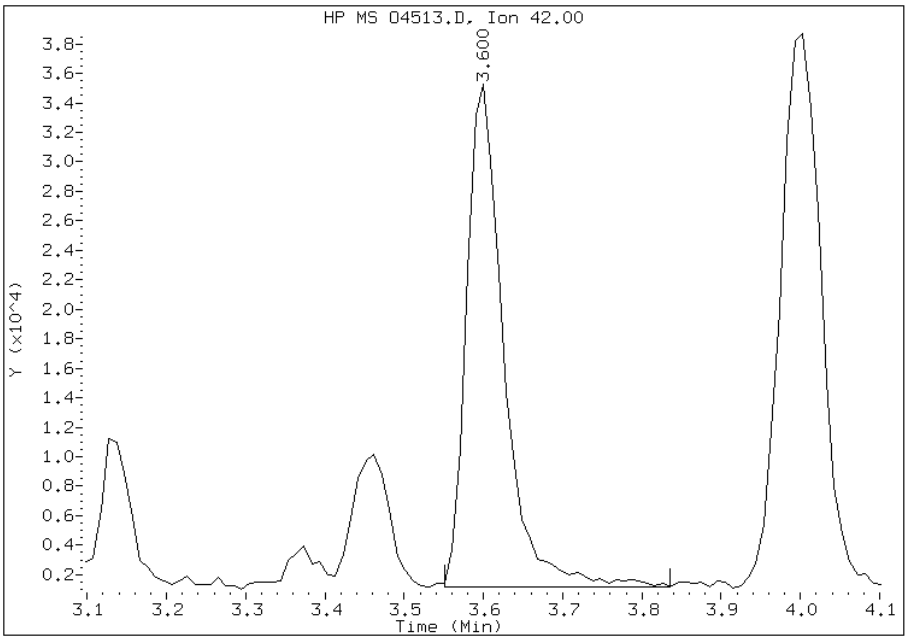
Processing Integration Results

RT: 3.60

Response: 113098

Amount: 247

Conc: 247



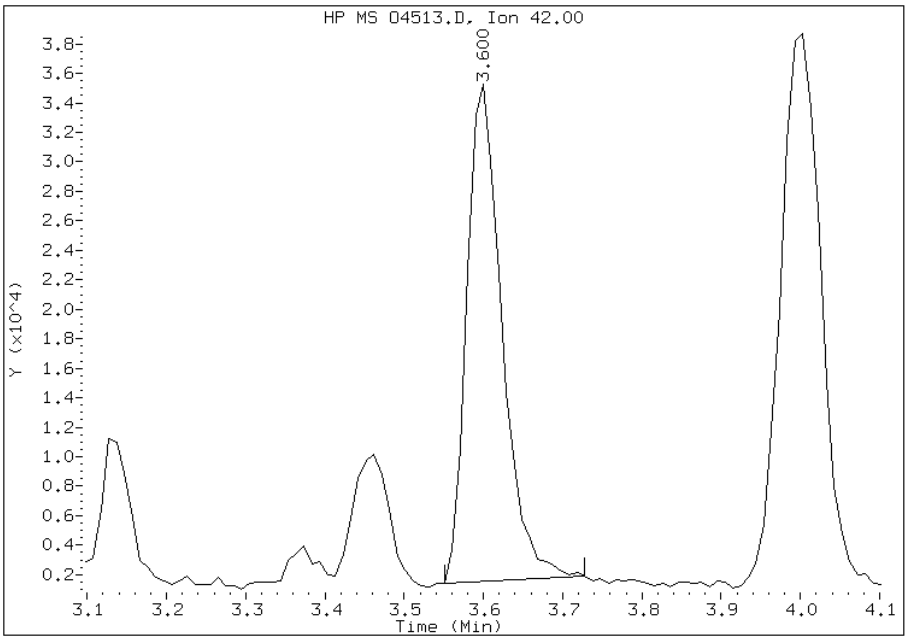
Manual Integration Results

RT: 3.60

Response: 105283

Amount: 212

Conc: 212



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4513.D
Inj. Date and Time: 23-JUN-2011 14:06
Instrument ID: mso.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

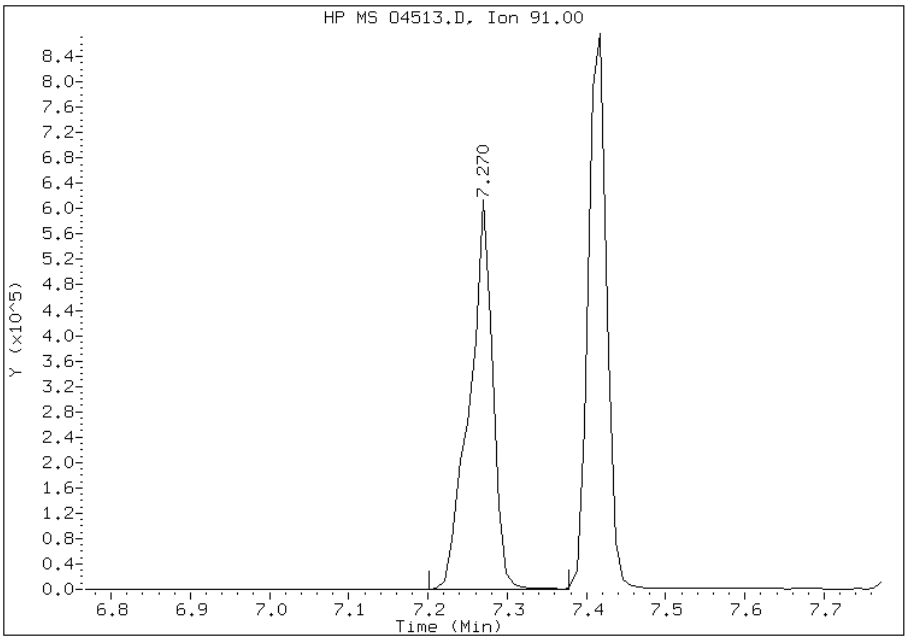
Processing Integration Results

RT: 7.27

Response: 1273746

Amount: 101

Conc: 101



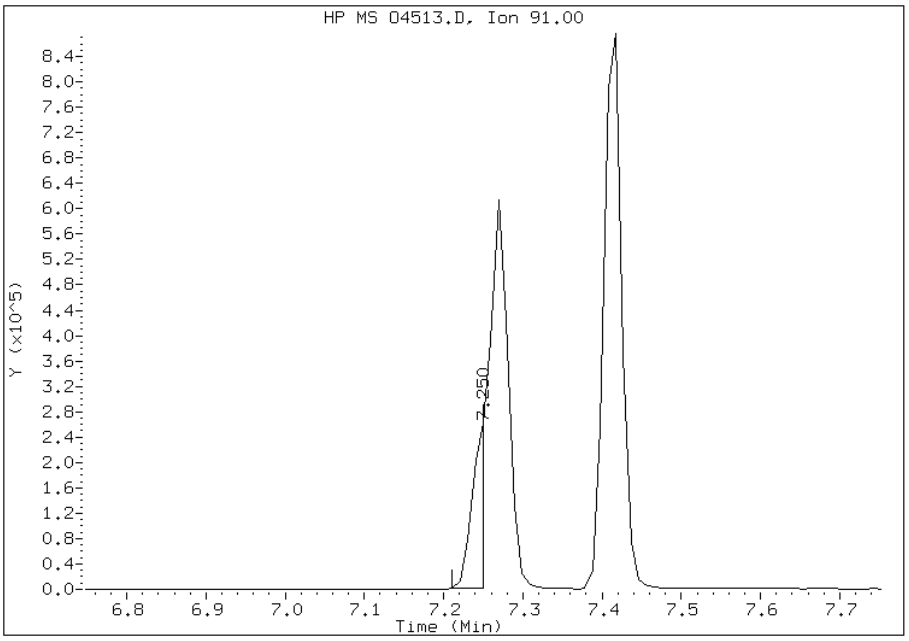
Manual Integration Results

RT: 7.25

Response: 320923

Amount: 41

Conc: 41



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4514.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 23-JUN-2011 14:32 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;100
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 14:32 Cal File: O4514.D
Als bottle: 100 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.796	3.801	(1.000)	243890	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.928	(0.246)	414486	100.000	88
3	Chloromethane	50	1.012	1.007	(0.267)	757613	100.000	88
4	Vinyl Chloride	62	1.041	1.047	(0.274)	607222	100.000	91
5	Bromomethane	94	1.169	1.174	(0.308)	214980	100.000	70
6	Chloroethane	64	1.218	1.224	(0.321)	251539	100.000	86
7	Trichlorofluoromethane	101	1.277	1.283	(0.337)	565882	100.000	88
8	Dichlorofluoromethane	67	1.297	1.302	(0.342)	801045	100.000	87
9	Ethyl Ether	45	1.396	1.401	(0.368)	298829	100.000	86
10	Ethanol	45	1.445	1.450	(0.381)	230272	1000.00	840
12	Freon 123	67	1.504	1.499	(0.396)	139590	100.000	84
13	Trichlorotrifluoroethane	101	1.504	1.509	(0.396)	435595	100.000	90
14	1,1-Dichloroethene	96	1.504	1.499	(0.396)	353280	100.000	88
15	Carbon Disulfide	76	1.523	1.529	(0.401)	1692000	100.000	89
16	Iodomethane	142	1.573	1.578	(0.414)	668432	100.000	100
17	Acrolein	56	1.651	1.657	(0.435)	460215	500.000	430
18	2-Propanol	45	1.710	1.706	(0.451)	113670	100.000	84(H)
19	3-Chloro-1-Propene	41	1.720	1.716	(0.453)	949788	100.000	87
20	Methylene Chloride	84	1.769	1.775	(0.466)	522549	100.000	83
21	Acetone	43	1.789	1.794	(0.471)	314390	100.000	82
22	trans-1,2-Dichloroethene	96	1.858	1.853	(0.489)	437128	100.000	88

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	23 Methyl Acetate	43	1.848	1.843	(0.487)	2568839	100.000	84
	24 Methyl tert-Butyl Ether	73	1.897	1.903	(0.500)	1279889	100.000	86
	25 tert-Butyl alcohol	59	1.937	1.942	(0.510)	412512	500.000	440
	26 Acetonitrile	41	2.045	2.050	(0.539)	789646	1000.00	850
	27 Isopropyl ether	45	2.104	2.109	(0.554)	2071836	100.000	87
	28 tert-Butyl ethyl ether	59	2.340	2.345	(0.616)	1672790	100.000	89
	29 2-Chloro-1,3-Butadiene	88	2.193	2.198	(0.578)	443501	100.000	88
	30 Acrylonitrile	53	2.232	2.237	(0.588)	513640	200.000	190
	31 1,1-Dichloroethane	63	2.202	2.208	(0.580)	897901	100.000	89
	32 Vinyl Acetate	43	2.360	2.365	(0.622)	1472498	100.000	87
	33 cis-1,2-Dichloroethene	96	2.576	2.581	(0.679)	501055	100.000	88
	34 2,2-Dichloropropane	77	2.665	2.660	(0.702)	688687	100.000	84
	35 Bromochloromethane	128	2.734	2.739	(0.720)	238622	100.000	88
	37 Cyclohexane	84	2.744	2.739	(0.723)	714066	100.000	86
	38 Chloroform	83	2.793	2.798	(0.736)	844921	100.000	86
	39 Ethyl Acetate	43	2.891	2.906	(0.762)	78232	200.000	160(M)
	40 Methyl Acrylate	55	2.901	2.906	(0.764)	504700	100.000	87
$	41 Dibromofluoromethane	111	2.950	2.955	(0.777)	491536	100.000	90
	42 Tetrahydrofuran	42	2.930	2.936	(0.772)	443966	200.000	170
	43 Carbon Tetrachloride	117	2.911	2.916	(0.767)	583257	100.000	89
	44 1,1,1-Trichloroethane	97	2.970	2.975	(0.782)	602959	100.000	87
	45 2-Butanone	43	3.058	3.064	(0.806)	394725	100.000	86
	46 1,1-Dichloropropene	75	3.088	3.093	(0.813)	669473	100.000	87
	47 tert-Amyl methyl ether	73	3.452	3.457	(0.909)	1361943	100.000	87
	49 1-Chlorobutane	56	3.127	3.132	(0.824)	1037052	100.000	87
	51 Propionitrile	54	3.344	3.349	(0.881)	832437	1000.00	880
	52 Benzene	78	3.324	3.329	(0.876)	1838620	100.000	88
	53 2-Methyl-2-Propenenitrile	41	3.373	3.378	(0.889)	394793	100.000	84
	54 Isobutyl alcohol	42	3.599	3.614	(0.948)	231503	500.000	400
$	55 1,2-Dichloroethane-d4	65	3.472	3.477	(0.914)	540532	100.000	90
	56 1,2-Dichloroethane	62	3.540	3.546	(0.933)	596993	100.000	89
	59 Methyl Cyclohexane	83	4.003	3.998	(1.054)	802492	100.000	86
	60 Trichloroethene	130	4.023	4.028	(1.060)	424027	100.000	89
	63 Dibromomethane	93	4.544	4.549	(1.197)	327360	100.000	88
	64 1,2-Dichloropropane	63	4.672	4.667	(1.231)	531260	100.000	87
	65 Bromodichloromethane	83	4.770	4.775	(1.257)	631913	100.000	86
	66 Methyl Methacrylate	69	4.997	5.002	(1.316)	407076	100.000	88
	67 1,4-Dioxane	58	5.016	5.026	(1.321)	56067	1000.00	880
	69 2-Chloroethylvinylether	63	5.459	5.464	(1.438)	307800	100.000	87
	70 cis-1,3-Dichloropropene	75	5.489	5.494	(1.446)	786091	100.000	87
	71 Chloroacetonitrile	48	5.921	5.927	(1.560)	260382	1000.00	860
	72 2-Nitropropane	41	5.981	5.976	(1.575)	278571	200.000	170
	73 trans-1,3-Dichloropropene	75	6.187	6.192	(1.630)	695226	100.000	88
	74 1,1,2-Trichloroethane	97	6.345	6.340	(1.671)	376517	100.000	86
*	75 Chlorobenzene-d5	117	7.210	7.206	(1.000)	167584	25.0000	
	76 Toluene	91	5.735	5.740	(0.795)	1677793	100.000	84
$	77 Toluene-d8	98	5.685	5.691	(0.789)	1504728	100.000	86
	78 1,1-Dichloro-2-propanone	43	5.990	5.996	(0.831)	1688072	500.000	420
	79 4-Methyl-2-Pentanone	43	6.158	6.173	(0.854)	651339	100.000	82
	80 Tetrachloroethene	164	6.138	6.133	(0.851)	313703	100.000	88
	81 Ethyl Methacrylate	69	6.394	6.399	(0.887)	616912	100.000	88
	82 Dibromochloromethane	129	6.502	6.507	(0.902)	455525	100.000	86
	83 1,3-Dichloropropane	76	6.600	6.596	(0.915)	730644	100.000	86
	84 1,2-Dibromoethane	107	6.699	6.704	(0.929)	427324	100.000	85

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.994	6.999	(0.970)	516724	100.000	85
87	1-Chlorohexane	91	7.250	7.255	(1.005)	721855	100.000	79(M)
88	Chlorobenzene	112	7.220	7.225	(1.001)	1072608	100.000	86
89	1,1,1,2-Tetrachloroethane	131	7.299	7.294	(1.012)	377429	100.000	86
90	Ethylbenzene	106	7.269	7.275	(1.008)	557827	100.000	86
91	Xylene (total)mp	106	7.417	7.412	(1.029)	1399662	200.000	170
92	Xylene (total)o	106	7.801	7.796	(1.082)	674368	100.000	86
93	Styrene	104	7.850	7.855	(1.089)	1147383	100.000	88
94	Bromoform	173	7.850	7.855	(1.089)	298105	100.000	89
* 95	1,4-Dichlorobenzene-d4	152	9.306	9.311	(1.000)	78976	25.0000	
96	Isopropylbenzene	105	8.086	8.091	(0.869)	1592933	100.000	85
97	Bromobenzene	156	8.401	8.406	(0.903)	421080	100.000	86
98	1,1,2,2-Tetrachloroethane	83	8.539	8.534	(0.918)	601916	100.000	84
99	4-Ethyltoluene	105	8.558	8.564	(0.920)	1692808	100.000	86
100	1,2,3-Trichloropropane	110	8.627	8.632	(0.927)	138758	100.000	85
101	trans-1,4-Dichloro-2-Butene	53	8.686	8.682	(0.933)	323163	200.000	180
102	n-Propylbenzene	91	8.460	8.455	(0.909)	2208262	100.000	84
103	2-Chlorotoluene	91	8.578	8.573	(0.922)	1432926	100.000	84
104	4-Chlorotoluene	91	8.726	8.731	(0.938)	1330914	100.000	85
105	1,3,5-Trimethylbenzene	105	8.647	8.642	(0.929)	1408295	100.000	85
106	tert-Butylbenzene	119	8.913	8.908	(0.958)	1147598	100.000	85
107	1,2,4-Trimethylbenzene	105	8.981	8.977	(0.965)	1422559	100.000	86
108	sec-Butylbenzene	105	9.070	9.065	(0.975)	1918950	100.000	86
109	4-Isopropyltoluene	119	9.208	9.203	(0.989)	1470191	100.000	86
110	1,3-Dichlorobenzene	146	9.237	9.242	(0.993)	749578	100.000	86
111	1,4-Dichlorobenzene	146	9.316	9.321	(1.001)	754835	100.000	87
112	1,2-Dichlorobenzene	146	9.680	9.675	(1.040)	708551	100.000	87
113	Benzyl Chloride	126	9.542	9.547	(1.025)	175007	100.000	90
114	1,4-Diethylbenzene	119	9.523	9.528	(1.023)	723113	100.000	87
115	n-Butylbenzene	91	9.572	9.567	(1.029)	1739224	100.000	86
118	1,2,4,5-Tetramethylbenzene	119	10.231	10.226	(1.099)	1197669	100.000	88
119	1,2-Dibromo-3-chloropropane	75	10.379	10.374	(1.115)	91542	100.000	92
120	Nitrobenzene	77	10.861	10.866	(1.167)	322841	1000.00	1000
121	1,2,4-Trichlorobenzene	180	10.969	10.974	(1.179)	401362	100.000	91
122	Hexachlorobutadiene	225	10.969	10.964	(1.179)	215364	100.000	84
123	Naphthalene	128	11.244	11.250	(1.208)	921695	100.000	94
124	1,2,3-Trichlorobenzene	180	11.412	11.417	(1.226)	346641	100.000	88
$ 125	Bromofluorobenzene	95	8.322	8.327	(0.894)	567202	100.000	86
M 126	1,2-Dichloroethene (total)	100				938183	200.000	180
M 127	Xylene (total)	100				2074030	300.000	260

QC Flag Legend

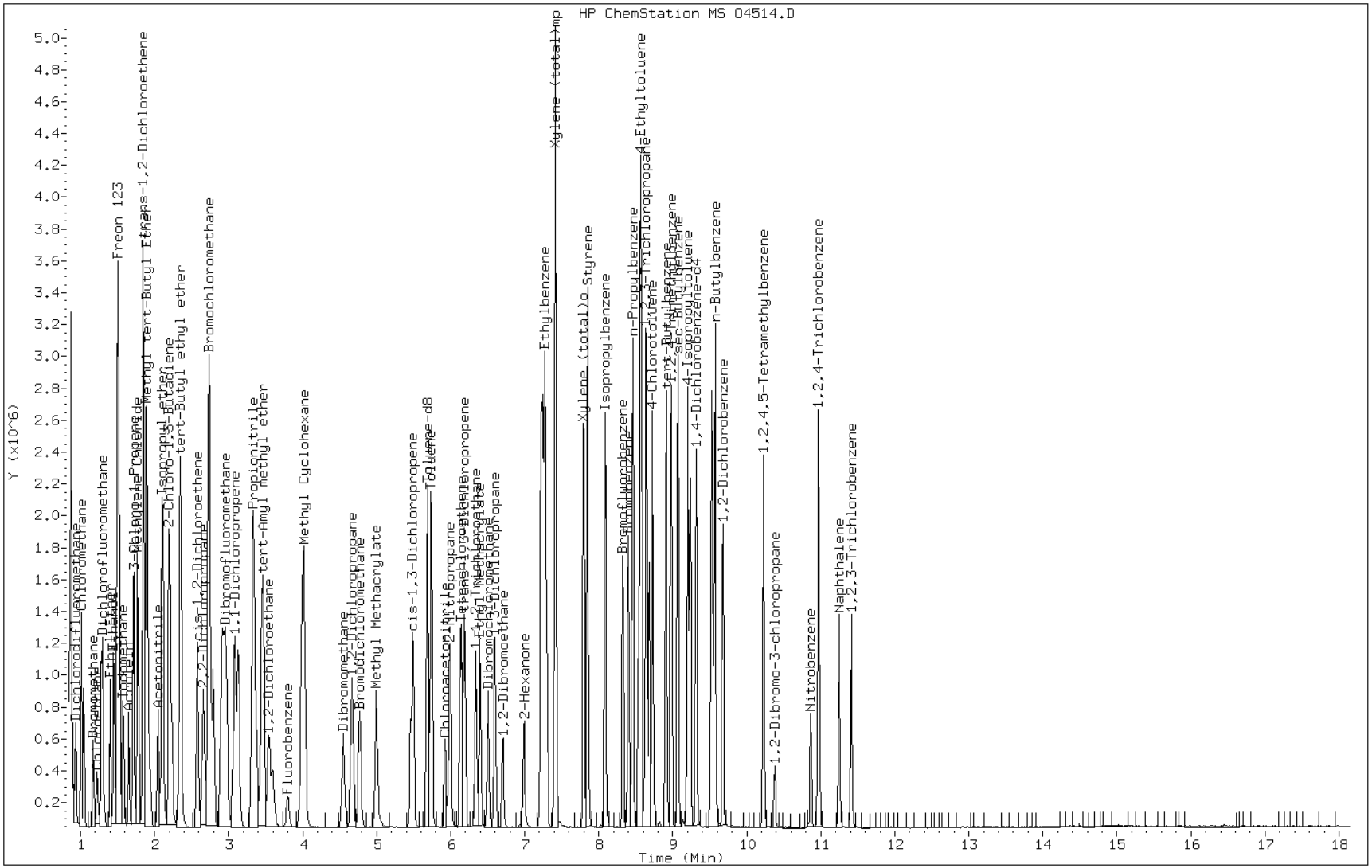
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O4514.D

Date: 23-JUN-2011 14:32

Client ID: IC;100 Instrument: mso.i

Sample Info: IC;100 Operator: D. HUMBERT



Manual Integration Report

Data File: O4514.D
Inj. Date and Time: 23-JUN-2011 14:32
Instrument ID: mso.i
Client ID: IC;100
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

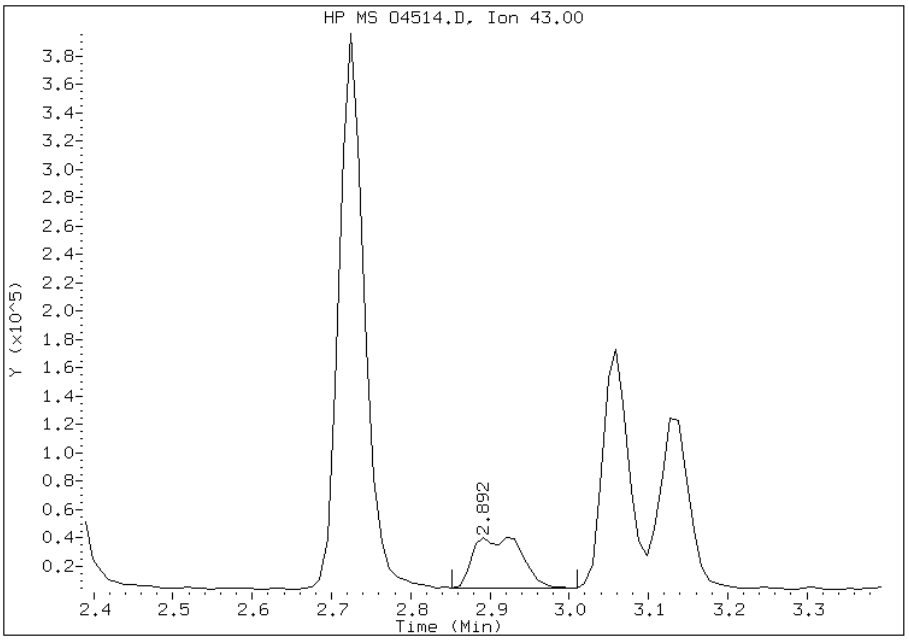
Processing Integration Results

RT: 2.89

Response: 157740

Amount: 258

Conc: 258



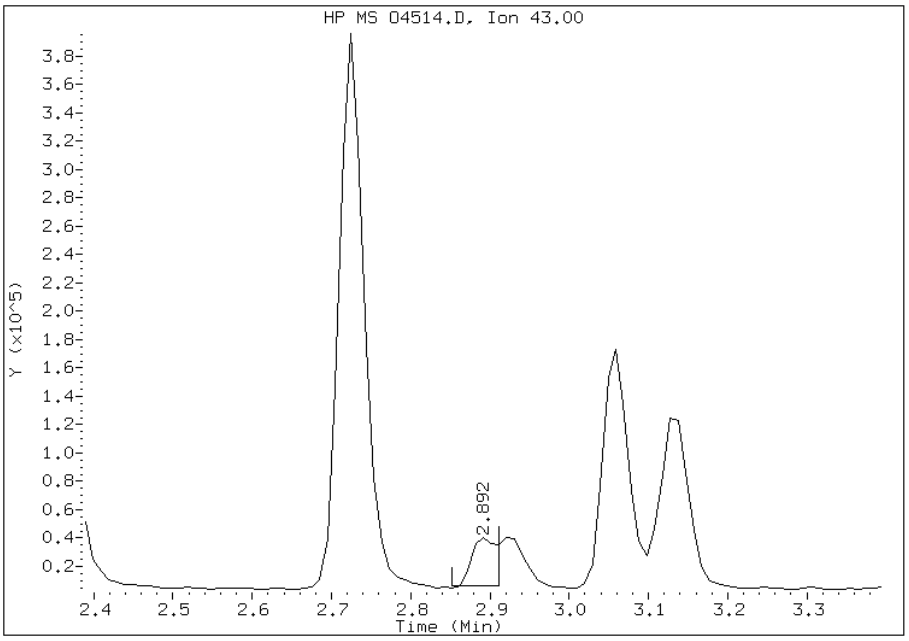
Manual Integration Results

RT: 2.89

Response: 78232

Amount: 162

Conc: 162



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4514.D
Inj. Date and Time: 23-JUN-2011 14:32
Instrument ID: mso.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

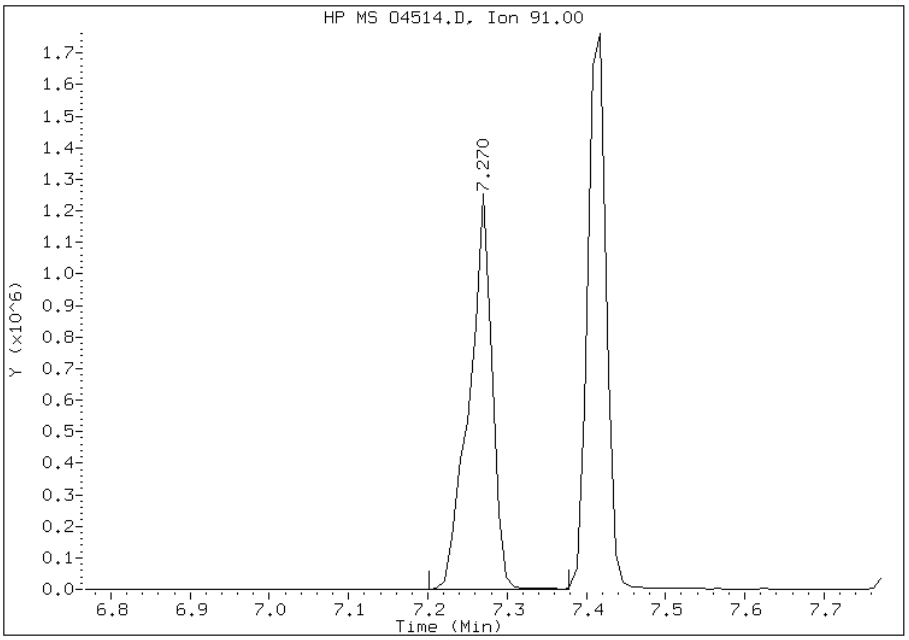
Processing Integration Results

RT: 7.27

Response: 2569504

Amount: 233

Conc: 233



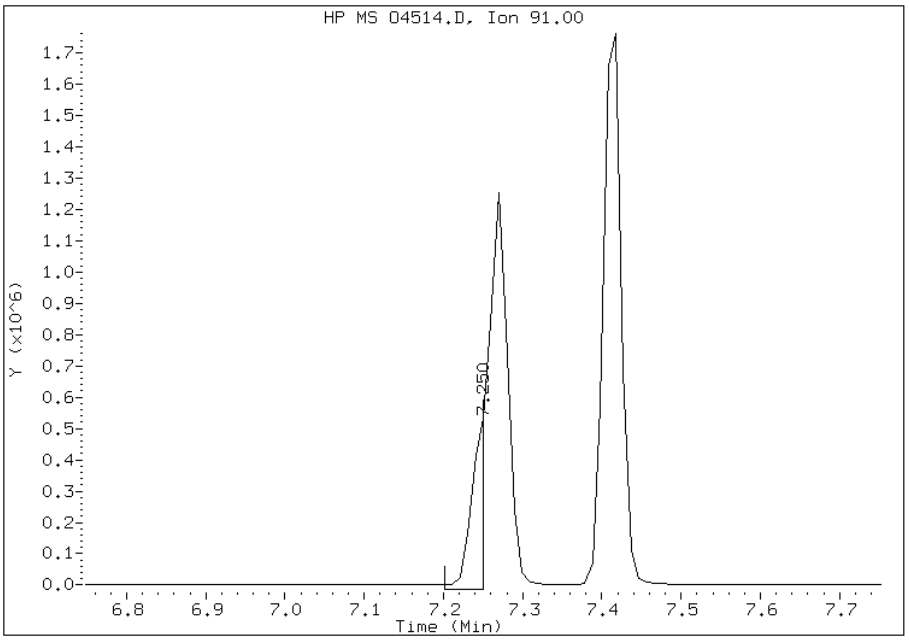
Manual Integration Results

RT: 7.25

Response: 721855

Amount: 79

Conc: 79



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4515.D
Lab Smp Id: IC;150 Client Smp ID: IC;150
Inj Date : 23-JUN-2011 14:57 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;150
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 14:57 Cal File: O4515.D
Als bottle: 100 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.794	3.794	(1.000)	198945	25.0000	
2	Dichlorodifluoromethane	85	0.931	0.931	(0.246)	635025	150.000	160
3	Chloromethane	50	1.010	1.010	(0.266)	1148518	150.000	160
4	Vinyl Chloride	62	1.039	1.039	(0.274)	908691	150.000	170
5	Bromomethane	94	1.167	1.167	(0.308)	309976	150.000	120
6	Chloroethane	64	1.217	1.217	(0.321)	307071	150.000	130
7	Trichlorofluoromethane	101	1.276	1.276	(0.336)	836893	150.000	160
8	Dichlorofluoromethane	67	1.295	1.295	(0.341)	1170390	150.000	160
9	Ethyl Ether	45	1.394	1.394	(0.367)	440620	150.000	160
10	Ethanol	45	1.443	1.443	(0.380)	341864	1500.00	1500
12	Freon 123	67	1.502	1.502	(0.396)	203703	150.000	150
13	Trichlorotrifluoroethane	101	1.502	1.502	(0.396)	654390	150.000	170
14	1,1-Dichloroethene	96	1.502	1.502	(0.396)	525632	150.000	160
15	Carbon Disulfide	76	1.522	1.522	(0.401)	2574535	150.000	160
16	Iodomethane	142	1.571	1.571	(0.414)	1021569	150.000	190
17	Acrolein	56	1.649	1.649	(0.435)	689138	750.000	780
18	2-Propanol	45	1.708	1.708	(0.450)	172339	150.000	160
19	3-Chloro-1-Propene	41	1.718	1.718	(0.453)	1425300	150.000	160
20	Methylene Chloride	84	1.768	1.768	(0.466)	779898	150.000	150
21	Acetone	43	1.787	1.787	(0.471)	475897	150.000	150
22	trans-1,2-Dichloroethene	96	1.856	1.856	(0.489)	662658	150.000	160

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.846	1.846	(0.487)	3894219	150.000	160
	24 Methyl tert-Butyl Ether	73	1.895	1.895	(0.500)	1955544	150.000	160
	25 tert-Butyl alcohol	59	1.935	1.935	(0.510)	612916	750.000	790
	26 Acetonitrile	41	2.043	2.043	(0.538)	1159540	1500.00	1500
	27 Isopropyl ether	45	2.112	2.112	(0.557)	3060518	150.000	160
	28 tert-Butyl ethyl ether	59	2.348	2.348	(0.619)	2433753	150.000	160
	29 2-Chloro-1,3-Butadiene	88	2.191	2.191	(0.577)	664232	150.000	160
	30 Acrylonitrile	53	2.230	2.230	(0.588)	660189	300.000	290
	31 1,1-Dichloroethane	63	2.210	2.210	(0.583)	1328691	150.000	160
	32 Vinyl Acetate	43	2.358	2.358	(0.621)	2207859	150.000	160
	33 cis-1,2-Dichloroethene	96	2.574	2.574	(0.678)	773741	150.000	170
	34 2,2-Dichloropropane	77	2.663	2.663	(0.702)	1050830	150.000	160
	35 Bromochloromethane	128	2.732	2.732	(0.720)	365571	150.000	160
	37 Cyclohexane	84	2.742	2.742	(0.723)	1092988	150.000	160
	38 Chloroform	83	2.791	2.791	(0.736)	1292086	150.000	160
	39 Ethyl Acetate	43	2.889	2.889	(0.761)	120711	300.000	310(M)
	40 Methyl Acrylate	55	2.899	2.899	(0.764)	772494	150.000	160
$	41 Dibromofluoromethane	111	2.948	2.948	(0.777)	727922	150.000	160
	42 Tetrahydrofuran	42	2.929	2.929	(0.772)	663053	300.000	320
	43 Carbon Tetrachloride	117	2.909	2.909	(0.767)	901586	150.000	170
	44 1,1,1-Trichloroethane	97	2.968	2.968	(0.782)	934285	150.000	160
	45 2-Butanone	43	3.056	3.056	(0.806)	604249	150.000	160
	46 1,1-Dichloropropene	75	3.086	3.086	(0.813)	1025629	150.000	160
	47 tert-Amyl methyl ether	73	3.450	3.450	(0.909)	2100896	150.000	160
	49 1-Chlorobutane	56	3.135	3.135	(0.826)	1591444	150.000	160
	51 Propionitrile	54	3.342	3.342	(0.881)	1262321	1500.00	1600
	52 Benzene	78	3.322	3.322	(0.876)	2847550	150.000	170
	53 2-Methyl-2-Propenenitrile	41	3.371	3.371	(0.889)	610552	150.000	160
	54 Isobutyl alcohol	42	3.598	3.598	(0.948)	348678	750.000	740
$	55 1,2-Dichloroethane-d4	65	3.470	3.470	(0.914)	818734	150.000	170
	56 1,2-Dichloroethane	62	3.548	3.548	(0.935)	910887	150.000	160
	59 Methyl Cyclohexane	83	4.001	4.001	(1.054)	1228518	150.000	160
	60 Trichloroethene	130	4.021	4.021	(1.060)	645092	150.000	170
	63 Dibromomethane	93	4.542	4.542	(1.197)	496154	150.000	160
	64 1,2-Dichloropropane	63	4.670	4.670	(1.231)	820624	150.000	160
	65 Bromodichloromethane	83	4.768	4.768	(1.257)	976209	150.000	160
	66 Methyl Methacrylate	69	4.995	4.995	(1.316)	618362	150.000	160
	67 1,4-Dioxane	58	5.014	5.014	(1.321)	79271	1500.00	1500
	69 2-Chloroethylvinylether	63	5.457	5.457	(1.438)	477998	150.000	160
	70 cis-1,3-Dichloropropene	75	5.497	5.497	(1.449)	1213039	150.000	160
	71 Chloroacetonitrile	48	5.920	5.920	(1.560)	408858	1500.00	1600
	72 2-Nitropropane	41	5.979	5.979	(1.576)	423983	300.000	320
	73 trans-1,3-Dichloropropene	75	6.195	6.195	(1.633)	1060212	150.000	160
	74 1,1,2-Trichloroethane	97	6.343	6.343	(1.672)	577637	150.000	160
*	75 Chlorobenzene-d5	117	7.208	7.208	(1.000)	135709	25.0000	
	76 Toluene	91	5.742	5.742	(0.797)	2654304	150.000	160
$	77 Toluene-d8	98	5.683	5.683	(0.788)	2282556	150.000	160
	78 1,1-Dichloro-2-propanone	43	5.988	5.988	(0.831)	2642369	750.000	810
	79 4-Methyl-2-Pentanone	43	6.156	6.156	(0.854)	1010009	150.000	160
	80 Tetrachloroethene	164	6.136	6.136	(0.851)	478832	150.000	170
	81 Ethyl Methacrylate	69	6.392	6.392	(0.887)	954545	150.000	170
	82 Dibromochloromethane	129	6.510	6.510	(0.903)	706300	150.000	160
	83 1,3-Dichloropropane	76	6.598	6.598	(0.915)	1132932	150.000	160
	84 1,2-Dibromoethane	107	6.707	6.707	(0.930)	663050	150.000	160

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.992	6.992	(0.970)	806367	150.000	160
87	1-Chlorohexane	91	7.258	7.258	(1.007)	1436829	150.000	190(M)
88	Chlorobenzene	112	7.218	7.218	(1.001)	1658465	150.000	160
89	1,1,1,2-Tetrachloroethane	131	7.297	7.297	(1.012)	590209	150.000	170
90	Ethylbenzene	106	7.268	7.268	(1.008)	862547	150.000	160
91	Xylene (total)mp	106	7.415	7.415	(1.029)	2165539	300.000	330
92	Xylene (total)o	106	7.799	7.799	(1.082)	1042000	150.000	160
93	Styrene	104	7.848	7.848	(1.089)	1766238	150.000	170
94	Bromoform	173	7.848	7.848	(1.089)	458253	150.000	170
* 95	1,4-Dichlorobenzene-d4	152	9.304	9.304	(1.000)	66608	25.0000	
96	Isopropylbenzene	105	8.094	8.094	(0.870)	2469524	150.000	160
97	Bromobenzene	156	8.399	8.399	(0.903)	649092	150.000	160
98	1,1,2,2-Tetrachloroethane	83	8.537	8.537	(0.918)	930849	150.000	150
99	4-Ethyltoluene	105	8.566	8.566	(0.921)	2612686	150.000	160
100	1,2,3-Trichloropropane	110	8.635	8.635	(0.928)	217573	150.000	160
101	trans-1,4-Dichloro-2-Butene	53	8.684	8.684	(0.933)	507690	300.000	330
102	n-Propylbenzene	91	8.458	8.458	(0.909)	3451362	150.000	160
103	2-Chlorotoluene	91	8.576	8.576	(0.922)	2223270	150.000	150
104	4-Chlorotoluene	91	8.724	8.724	(0.938)	2069865	150.000	160
105	1,3,5-Trimethylbenzene	105	8.645	8.645	(0.929)	2194073	150.000	160
106	tert-Butylbenzene	119	8.911	8.911	(0.958)	1808039	150.000	160
107	1,2,4-Trimethylbenzene	105	8.980	8.980	(0.965)	2198916	150.000	160
108	sec-Butylbenzene	105	9.068	9.068	(0.975)	2991088	150.000	160
109	4-Isopropyltoluene	119	9.206	9.206	(0.989)	2274951	150.000	160
110	1,3-Dichlorobenzene	146	9.235	9.235	(0.993)	1165458	150.000	160
111	1,4-Dichlorobenzene	146	9.324	9.324	(1.002)	1168540	150.000	160
112	1,2-Dichlorobenzene	146	9.678	9.678	(1.040)	1088359	150.000	160
113	Benzyl Chloride	126	9.540	9.540	(1.025)	267193	150.000	160
114	1,4-Diethylbenzene	119	9.521	9.521	(1.023)	1099466	150.000	160
115	n-Butylbenzene	91	9.570	9.570	(1.029)	2812389	150.000	160
118	1,2,4,5-Tetramethylbenzene	119	10.229	10.229	(1.099)	1851601	150.000	160
119	1,2-Dibromo-3-chloropropane	75	10.377	10.377	(1.115)	140456	150.000	170
120	Nitrobenzene	77	10.859	10.859	(1.167)	559665	1500.00	2100(A)
121	1,2,4-Trichlorobenzene	180	10.977	10.977	(1.180)	639783	150.000	170
122	Hexachlorobutadiene	225	10.967	10.967	(1.179)	339144	150.000	160
123	Naphthalene	128	11.252	11.252	(1.209)	1557970	150.000	190
124	1,2,3-Trichlorobenzene	180	11.420	11.420	(1.227)	571696	150.000	170
$ 125	Bromofluorobenzene	95	8.320	8.320	(0.894)	856547	150.000	150
M 126	1,2-Dichloroethene (total)	100				1436399	300.000	330
M 127	Xylene (total)	100				3207539	450.000	490

QC Flag Legend

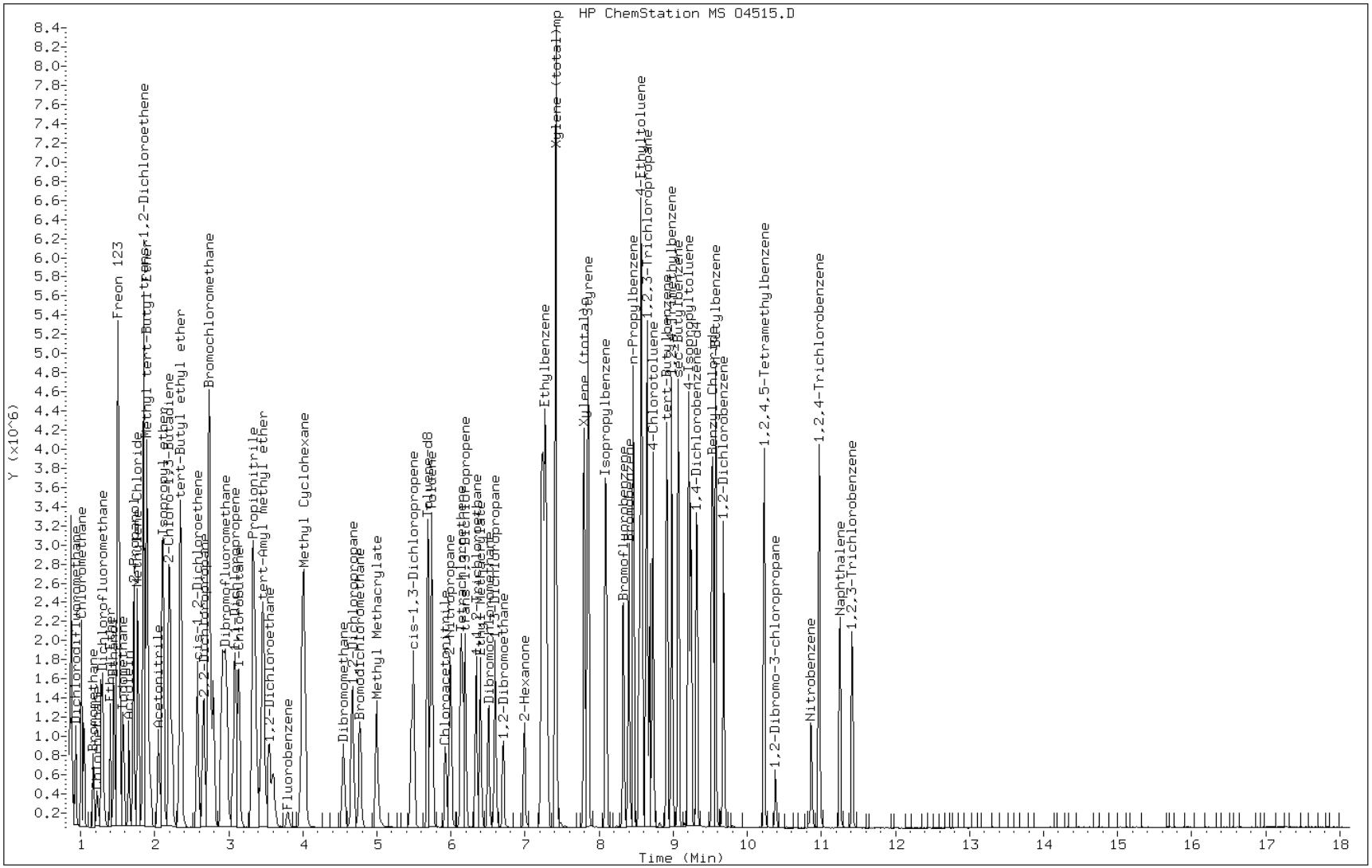
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: O4515.D

Date: 23-JUN-2011 14:57

Client ID: IC;150 Instrument: mso.i

Sample Info: IC;150 Operator: D. HUMBERT



Manual Integration Report

Data File: O4515.D
Inj. Date and Time: 23-JUN-2011 14:57
Instrument ID: mso.i
Client ID: IC;150
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

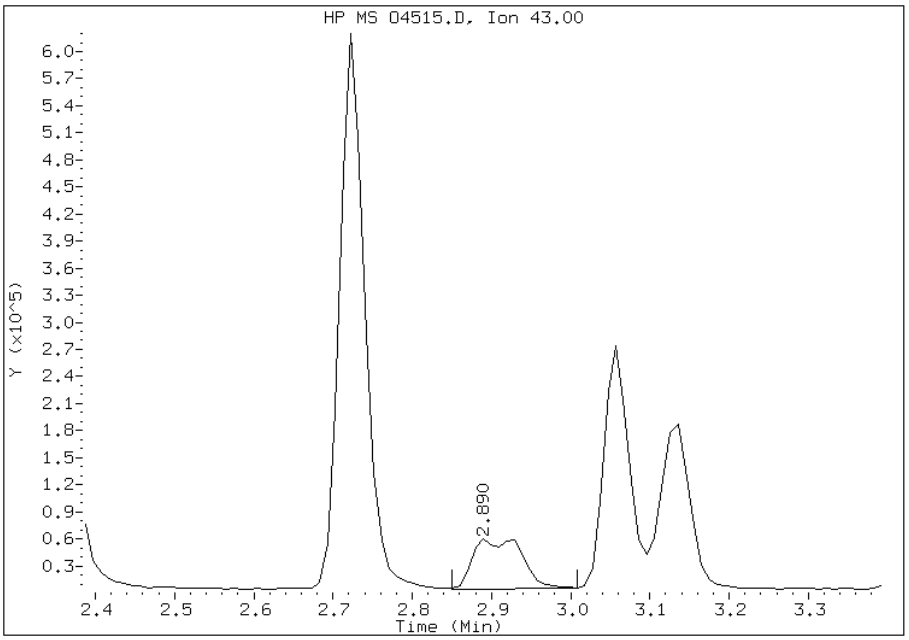
Processing Integration Results

RT: 2.89

Response: 240081

Amount: 482

Conc: 482



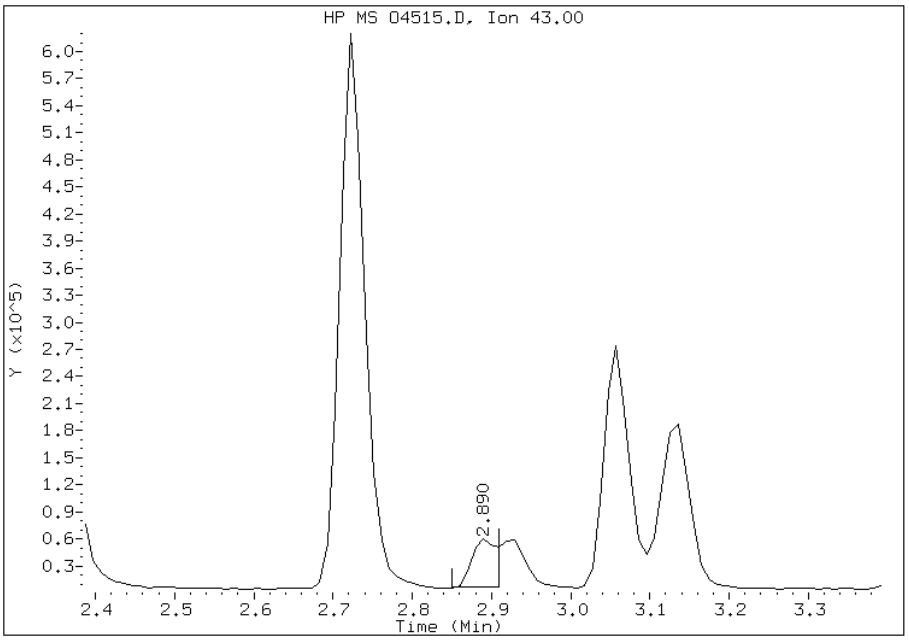
Manual Integration Results

RT: 2.89

Response: 120711

Amount: 307

Conc: 307



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4515.D
Inj. Date and Time: 23-JUN-2011 14:57
Instrument ID: mso.i
Client ID: IC;150
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

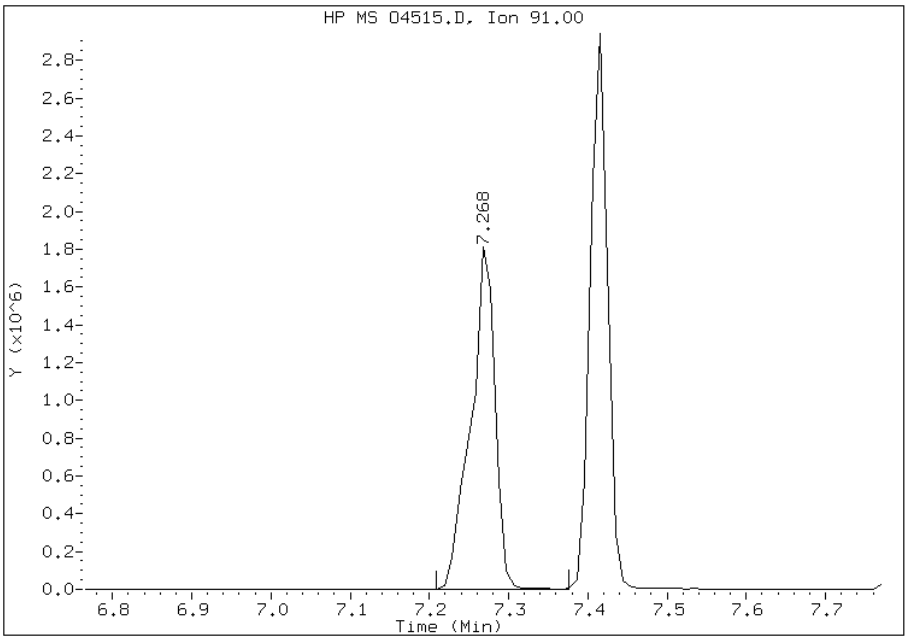
Processing Integration Results

RT: 7.27

Response: 3907230

Amount: 310

Conc: 310



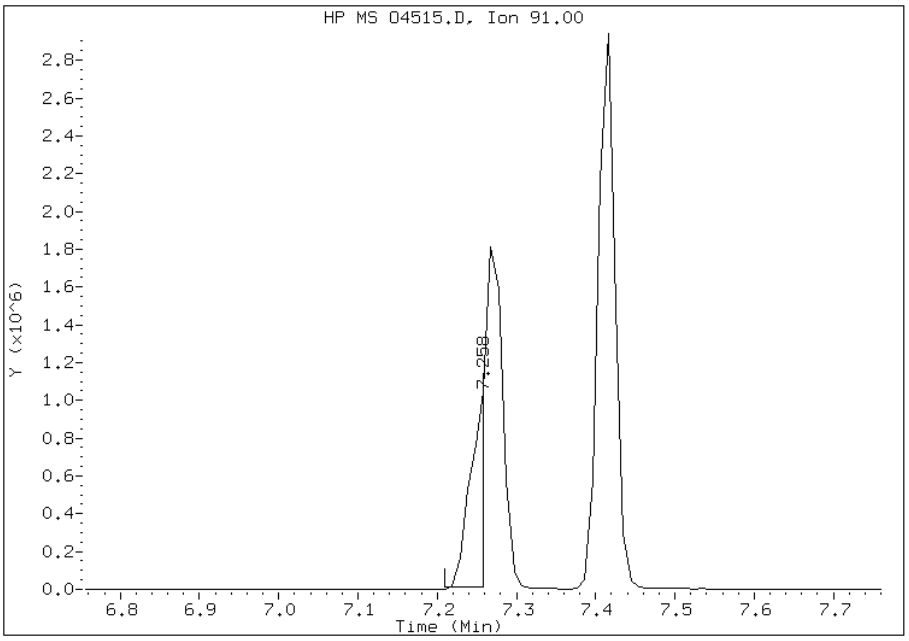
Manual Integration Results

RT: 7.26

Response: 1436829

Amount: 195

Conc: 195



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4516.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 23-JUN-2011 15:22 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;200
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 15:22 Cal File: O4516.D
Als bottle: 100 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.796	3.796	(1.000)	238878	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.246)	852053	200.000	180
3	Chloromethane	50	1.012	1.012	(0.267)	1530079	200.000	180
4	Vinyl Chloride	62	1.041	1.041	(0.274)	1260846	200.000	190
5	Bromomethane	94	1.169	1.169	(0.308)	444761	200.000	150
6	Chloroethane	64	1.218	1.218	(0.321)	294166	200.000	100
7	Trichlorofluoromethane	101	1.278	1.278	(0.337)	1084817	200.000	170
8	Dichlorofluoromethane	67	1.297	1.297	(0.342)	1485579	200.000	160
9	Ethyl Ether	45	1.396	1.396	(0.368)	602644	200.000	180
10	Ethanol	45	1.445	1.445	(0.381)	414167	2000.00	1500
12	Freon 123	67	1.494	1.494	(0.394)	261324	200.000	160
13	Trichlorotrifluoroethane	101	1.504	1.504	(0.396)	851469	200.000	180
14	1,1-Dichloroethene	96	1.494	1.494	(0.394)	696801	200.000	180
15	Carbon Disulfide	76	1.524	1.524	(0.401)	3385530	200.000	180
16	Iodomethane	142	1.573	1.573	(0.414)	1321704	200.000	200(A)
17	Acrolein	56	1.651	1.651	(0.435)	970899	1000.00	920
18	2-Propanol	45	1.710	1.710	(0.451)	239783	200.000	180
19	3-Chloro-1-Propene	41	1.710	1.710	(0.451)	1912737	200.000	180
20	Methylene Chloride	84	1.769	1.769	(0.466)	1009013	200.000	160
21	Acetone	43	1.789	1.789	(0.471)	604704	200.000	160
22	trans-1,2-Dichloroethene	96	1.848	1.848	(0.487)	866225	200.000	180

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.848	1.848	(0.487)	5335534	200.000	180
	24 Methyl tert-Butyl Ether	73	1.897	1.897	(0.500)	2601569	200.000	180
	25 tert-Butyl alcohol	59	1.947	1.947	(0.513)	815740	1000.00	880(M)
	26 Acetonitrile	41	2.045	2.045	(0.539)	1669425	2000.00	1800
	27 Isopropyl ether	45	2.104	2.104	(0.554)	4151482	200.000	180
	28 tert-Butyl ethyl ether	59	2.340	2.340	(0.616)	3294072	200.000	180
	29 2-Chloro-1,3-Butadiene	88	2.193	2.193	(0.578)	880845	200.000	180
	30 Acrylonitrile	53	2.232	2.232	(0.588)	1010010	400.000	370
	31 1,1-Dichloroethane	63	2.202	2.202	(0.580)	1793050	200.000	180
	32 Vinyl Acetate	43	2.350	2.350	(0.619)	3036653	200.000	180
	33 cis-1,2-Dichloroethene	96	2.576	2.576	(0.679)	999564	200.000	180
	34 2,2-Dichloropropane	77	2.655	2.655	(0.699)	1354569	200.000	170
	35 Bromochloromethane	128	2.734	2.734	(0.720)	477917	200.000	180
	37 Cyclohexane	84	2.744	2.744	(0.723)	1420536	200.000	180
	38 Chloroform	83	2.793	2.793	(0.736)	1650845	200.000	170
	39 Ethyl Acetate	43	2.891	2.891	(0.762)	144541	400.000	310
	40 Methyl Acrylate	55	2.891	2.891	(0.762)	1028028	200.000	180
$	41 Dibromofluoromethane	111	2.950	2.950	(0.777)	963589	200.000	180
	42 Tetrahydrofuran	42	2.921	2.921	(0.769)	882957	400.000	350
	43 Carbon Tetrachloride	117	2.911	2.911	(0.767)	1158273	200.000	180
	44 1,1,1-Trichloroethane	97	2.970	2.970	(0.782)	1211752	200.000	180
	45 2-Butanone	43	3.058	3.058	(0.806)	769171	200.000	170
	46 1,1-Dichloropropene	75	3.088	3.088	(0.813)	1323229	200.000	180
	47 tert-Amyl methyl ether	73	3.452	3.452	(0.909)	2714521	200.000	180
	49 1-Chlorobutane	56	3.127	3.127	(0.824)	2066246	200.000	180
	51 Propionitrile	54	3.344	3.344	(0.881)	1716878	2000.00	1900
	52 Benzene	78	3.324	3.324	(0.876)	3628905	200.000	180
	53 2-Methyl-2-Propenenitrile	41	3.373	3.373	(0.889)	802918	200.000	180
	54 Isobutyl alcohol	42	3.600	3.600	(0.948)	486114	1000.00	860
$	55 1,2-Dichloroethane-d4	65	3.472	3.472	(0.914)	1023182	200.000	170
	56 1,2-Dichloroethane	62	3.541	3.541	(0.933)	1187140	200.000	180
	59 Methyl Cyclohexane	83	3.993	3.993	(1.052)	1567864	200.000	170
	60 Trichloroethene	130	4.023	4.023	(1.060)	835963	200.000	180
	63 Dibromomethane	93	4.544	4.544	(1.197)	651085	200.000	180
	64 1,2-Dichloropropane	63	4.672	4.672	(1.231)	1059614	200.000	180
	65 Bromodichloromethane	83	4.770	4.770	(1.257)	1257387	200.000	170
	66 Methyl Methacrylate	69	4.997	4.997	(1.316)	812448	200.000	180
	67 1,4-Dioxane	58	5.026	5.026	(1.324)	111847	2000.00	1800
	69 2-Chloroethylvinylether	63	5.459	5.459	(1.438)	636841	200.000	180
	70 cis-1,3-Dichloropropene	75	5.489	5.489	(1.446)	1580003	200.000	180
	71 Chloroacetonitrile	48	5.922	5.922	(1.560)	557336	2000.00	1900
	72 2-Nitropropane	41	5.981	5.981	(1.575)	566493	400.000	360
	73 trans-1,3-Dichloropropene	75	6.187	6.187	(1.630)	1387197	200.000	180
	74 1,1,2-Trichloroethane	97	6.345	6.345	(1.671)	750632	200.000	180
*	75 Chlorobenzene-d5	117	7.210	7.210	(1.000)	159296	25.0000	
	76 Toluene	91	5.735	5.735	(0.795)	3370489	200.000	180
$	77 Toluene-d8	98	5.685	5.685	(0.789)	3014780	200.000	180
	78 1,1-Dichloro-2-propanone	43	5.990	5.990	(0.831)	3606149	1000.00	940
	79 4-Methyl-2-Pentanone	43	6.158	6.158	(0.854)	1326208	200.000	180
	80 Tetrachloroethene	164	6.128	6.128	(0.850)	627044	200.000	180
	81 Ethyl Methacrylate	69	6.394	6.394	(0.887)	1240919	200.000	190
	82 Dibromochloromethane	129	6.502	6.502	(0.902)	921780	200.000	180
	83 1,3-Dichloropropane	76	6.600	6.600	(0.915)	1464059	200.000	180
	84 1,2-Dibromoethane	107	6.699	6.699	(0.929)	866227	200.000	180

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.994	6.994	(0.970)	1024063	200.000	180
87	1-Chlorohexane	91	7.250	7.250	(1.005)	1263378	200.000	150(M)
88	Chlorobenzene	112	7.220	7.220	(1.001)	2113216	200.000	180
89	1,1,1,2-Tetrachloroethane	131	7.299	7.299	(1.012)	756212	200.000	180
90	Ethylbenzene	106	7.269	7.269	(1.008)	1093943	200.000	180
91	Xylene (total)mp	106	7.417	7.417	(1.029)	2800077	400.000	360
92	Xylene (total)o	106	7.801	7.801	(1.082)	1368217	200.000	180
93	Styrene	104	7.850	7.850	(1.089)	2272545	200.000	180
94	Bromoform	173	7.850	7.850	(1.089)	614866	200.000	190
* 95	1,4-Dichlorobenzene-d4	152	9.306	9.306	(1.000)	74978	25.0000	
96	Isopropylbenzene	105	8.086	8.086	(0.869)	3250331	200.000	180
97	Bromobenzene	156	8.401	8.401	(0.903)	852261	200.000	180
98	1,1,2,2-Tetrachloroethane	83	8.539	8.539	(0.918)	1236472	200.000	180
99	4-Ethyltoluene	105	8.558	8.558	(0.920)	3359015	200.000	180
100	1,2,3-Trichloropropane	110	8.627	8.627	(0.927)	288487	200.000	190
101	trans-1,4-Dichloro-2-Butene	53	8.686	8.686	(0.933)	656804	400.000	380
102	n-Propylbenzene	91	8.460	8.460	(0.909)	4524462	200.000	180
103	2-Chlorotoluene	91	8.578	8.578	(0.922)	2847888	200.000	180
104	4-Chlorotoluene	91	8.726	8.726	(0.938)	2668042	200.000	180
105	1,3,5-Trimethylbenzene	105	8.647	8.647	(0.929)	2808651	200.000	180
106	tert-Butylbenzene	119	8.913	8.913	(0.958)	2318364	200.000	180
107	1,2,4-Trimethylbenzene	105	8.981	8.981	(0.965)	2763241	200.000	180
108	sec-Butylbenzene	105	9.070	9.070	(0.975)	3771729	200.000	180
109	4-Isopropyltoluene	119	9.208	9.208	(0.989)	2824630	200.000	180
110	1,3-Dichlorobenzene	146	9.237	9.237	(0.993)	1461742	200.000	180
111	1,4-Dichlorobenzene	146	9.316	9.316	(1.001)	1480771	200.000	180
112	1,2-Dichlorobenzene	146	9.680	9.680	(1.040)	1378539	200.000	180
113	Benzyl Chloride	126	9.542	9.542	(1.025)	333121	200.000	180
114	1,4-Diethylbenzene	119	9.523	9.523	(1.023)	1353568	200.000	170
115	n-Butylbenzene	91	9.572	9.572	(1.029)	3358182	200.000	170
118	1,2,4,5-Tetramethylbenzene	119	10.231	10.231	(1.099)	2234194	200.000	170
119	1,2-Dibromo-3-chloropropane	75	10.379	10.379	(1.115)	179875	200.000	190
120	Nitrobenzene	77	10.861	10.861	(1.167)	733100	2000.00	2400(A)
121	1,2,4-Trichlorobenzene	180	10.979	10.979	(1.180)	765072	200.000	180
122	Hexachlorobutadiene	225	10.969	10.969	(1.179)	400024	200.000	160
123	Naphthalene	128	11.244	11.244	(1.208)	1886155	200.000	200(A)
124	1,2,3-Trichlorobenzene	180	11.412	11.412	(1.226)	693416	200.000	190
$ 125	Bromofluorobenzene	95	8.322	8.322	(0.894)	1134347	200.000	180
M 126	1,2-Dichloroethene (total)	100				1865789	400.000	360
M 127	Xylene (total)	100				4168294	600.000	540

QC Flag Legend

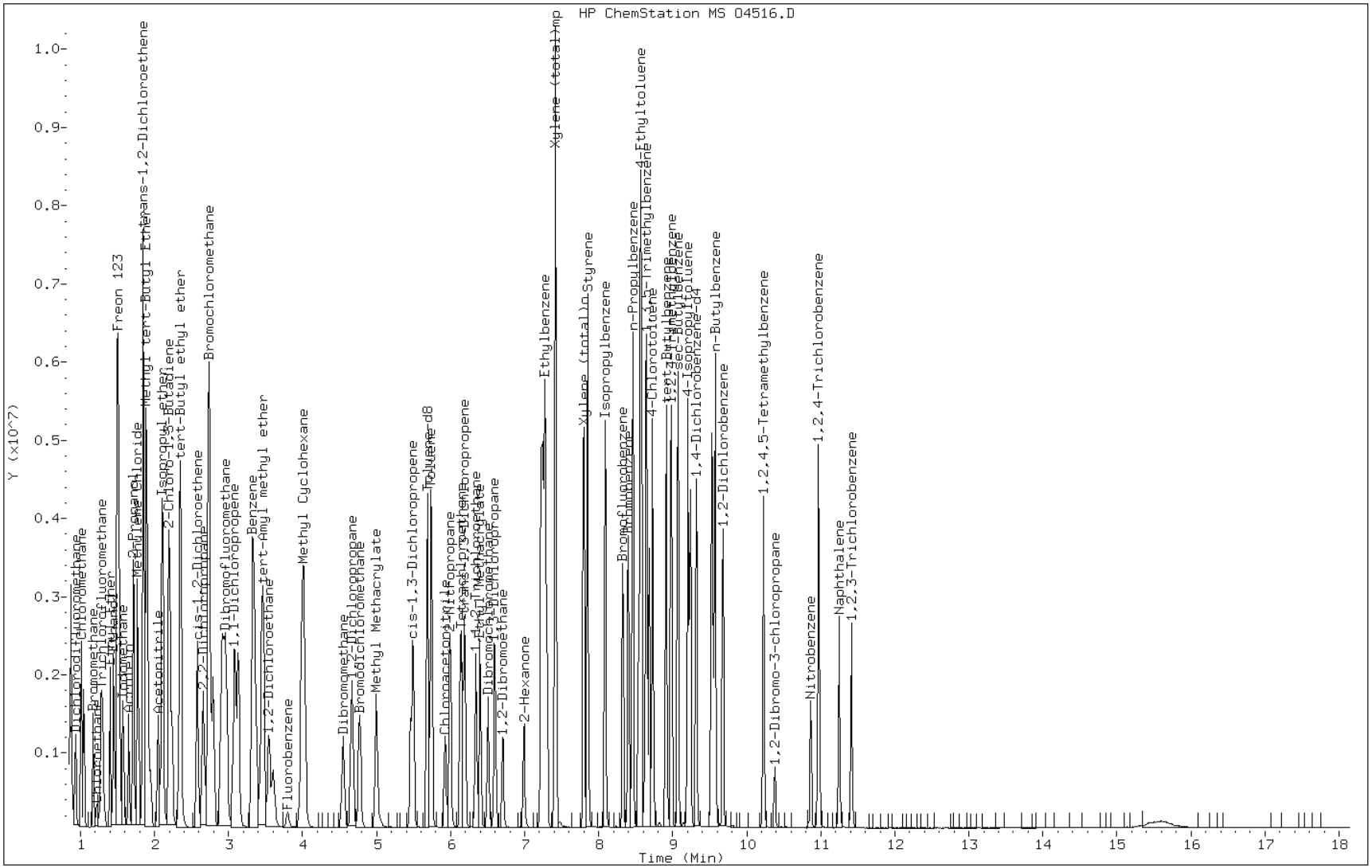
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: O4516.D

Date: 23-JUN-2011 15:22

Client ID: IC;200 Instrument: mso.i

Sample Info: IC;200 Operator: D. HUMBERT



Manual Integration Report

Data File: O4516.D
Inj. Date and Time: 23-JUN-2011 15:22
Instrument ID: mso.i
Client ID: IC;200
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

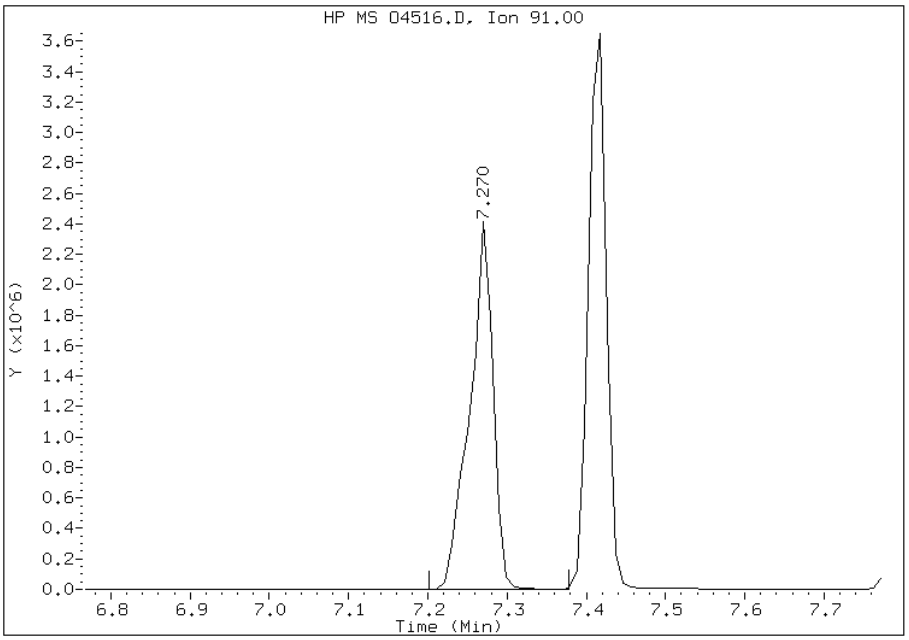
Processing Integration Results

RT: 7.27

Response: 5040025

Amount: 435

Conc: 435



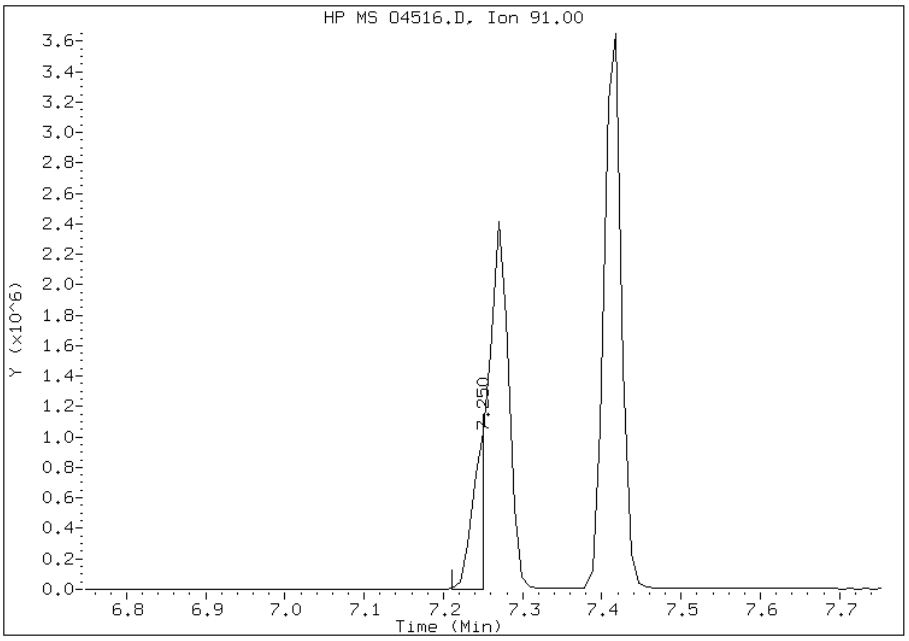
Manual Integration Results

RT: 7.25

Response: 1263378

Amount: 146

Conc: 146



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4516.D
Inj. Date and Time: 23-JUN-2011 15:22
Instrument ID: mso.i
Client ID: IC;200
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 06/23/2011

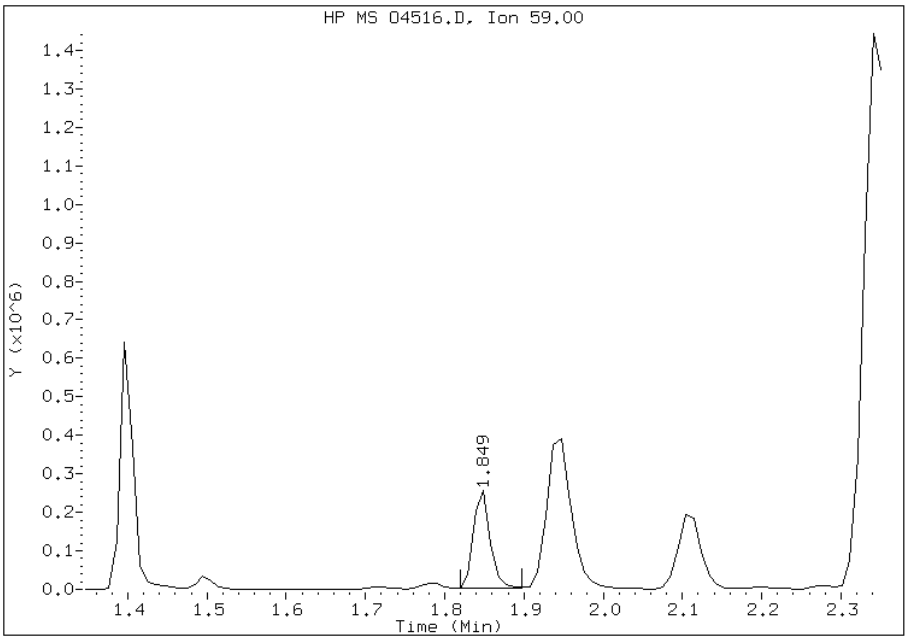
Processing Integration Results

RT: 1.85

Response: 384849

Amount: 452

Conc: 452



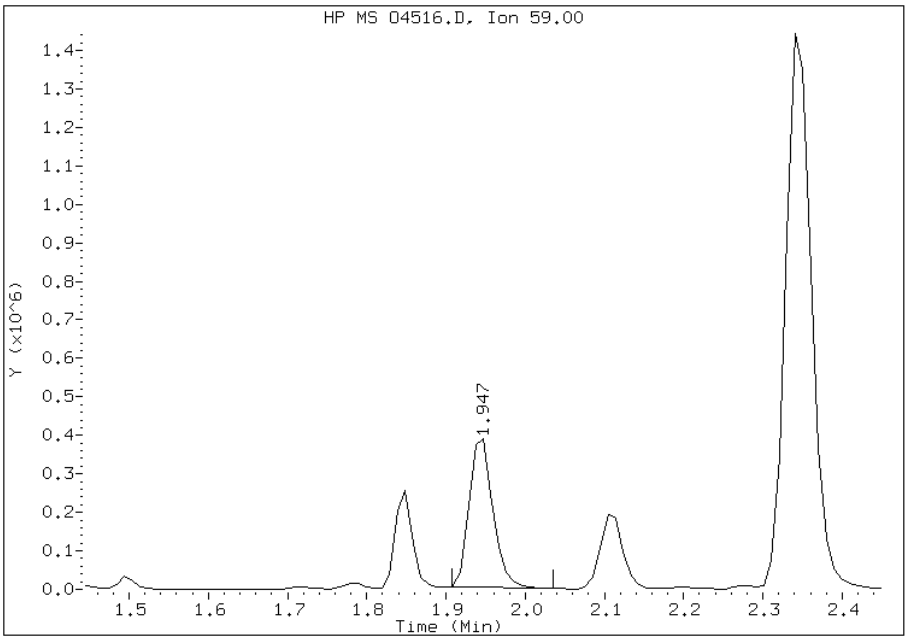
Manual Integration Results

RT: 1.95

Response: 815740

Amount: 879

Conc: 879



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4519.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 23-JUN-2011 17:14 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;5
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 100 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.801	3.801	(1.000)	211868	25.0000	
2	Dichlorodifluoromethane	85	0.928	0.928	(0.244)	21537	5.00000	5
3	Chloromethane	50	1.007	1.007	(0.265)	39573	5.00000	5
4	Vinyl Chloride	62	1.047	1.047	(0.275)	29425	5.00000	5
5	Bromomethane	94	1.174	1.174	(0.309)	23882	5.00000	9
6	Chloroethane	64	1.224	1.224	(0.322)	17441	5.00000	7
7	Trichlorofluoromethane	101	1.283	1.283	(0.337)	30853	5.00000	6
8	Dichlorofluoromethane	67	1.302	1.302	(0.343)	45592	5.00000	6(M)
9	Ethyl Ether	45	1.401	1.401	(0.369)	17138	5.00000	6
10	Ethanol	45	1.450	1.450	(0.381)	13062	50.0000	55(M)
12	Freon 123	67	1.499	1.499	(0.394)	9224	5.00000	6
13	Trichlorotrifluoroethane	101	1.509	1.509	(0.397)	20875	5.00000	5
14	1,1-Dichloroethene	96	1.499	1.499	(0.394)	19047	5.00000	5
15	Carbon Disulfide	76	1.529	1.529	(0.402)	87216	5.00000	5
16	Iodomethane	142	1.578	1.578	(0.415)	23698	5.00000	4
17	Acrolein	56	1.657	1.657	(0.436)	25967	25.0000	28(M)
18	2-Propanol	45	1.706	1.706	(0.449)	5952	5.00000	5(M)
19	3-Chloro-1-Propene	41	1.716	1.716	(0.451)	53161	5.00000	6
20	Methylene Chloride	84	1.775	1.775	(0.467)	47616	5.00000	9
21	Acetone	43	1.794	1.794	(0.472)	23918	5.00000	7
22	trans-1,2-Dichloroethene	96	1.853	1.853	(0.488)	23113	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.843	1.843	(0.485)	144503	5.00000	5
	24 Methyl tert-Butyl Ether	73	1.903	1.903	(0.501)	70464	5.00000	5
	25 tert-Butyl alcohol	59	1.942	1.942	(0.511)	20607	25.0000	25
	26 Acetonitrile	41	2.050	2.050	(0.539)	45138	50.0000	56
	27 Isopropyl ether	45	2.109	2.109	(0.555)	121850	5.00000	6
	28 tert-Butyl ethyl ether	59	2.345	2.345	(0.617)	90029	5.00000	6
	29 2-Chloro-1,3-Butadiene	88	2.198	2.198	(0.578)	23887	5.00000	5
	30 Acrylonitrile	53	2.237	2.237	(0.589)	25755	10.0000	11
	31 1,1-Dichloroethane	63	2.208	2.208	(0.581)	46751	5.00000	5
	32 Vinyl Acetate	43	2.365	2.365	(0.622)	79384	5.00000	5
	33 cis-1,2-Dichloroethene	96	2.581	2.581	(0.679)	25991	5.00000	5
	34 2,2-Dichloropropane	77	2.660	2.660	(0.700)	43481	5.00000	6
	35 Bromochloromethane	128	2.739	2.739	(0.721)	12915	5.00000	5
	37 Cyclohexane	84	2.739	2.739	(0.721)	41311	5.00000	6
	38 Chloroform	83	2.798	2.798	(0.736)	48558	5.00000	6
	39 Ethyl Acetate	43	2.906	2.906	(0.765)	4763	10.0000	11(M)
	40 Methyl Acrylate	55	2.906	2.906	(0.765)	25303	5.00000	5
$	41 Dibromofluoromethane	111	2.955	2.955	(0.777)	25529	5.00000	5
	42 Tetrahydrofuran	42	2.936	2.936	(0.772)	24740	10.0000	11(M)
	43 Carbon Tetrachloride	117	2.916	2.916	(0.767)	29778	5.00000	5
	44 1,1,1-Trichloroethane	97	2.975	2.975	(0.783)	33910	5.00000	6
	45 2-Butanone	43	3.064	3.064	(0.806)	20955	5.00000	5
	46 1,1-Dichloropropene	75	3.093	3.093	(0.814)	37189	5.00000	6
	47 tert-Amyl methyl ether	73	3.457	3.457	(0.909)	74172	5.00000	5
	49 1-Chlorobutane	56	3.132	3.132	(0.824)	57149	5.00000	6(M)
	51 Propionitrile	54	3.349	3.349	(0.881)	40796	50.0000	50
	52 Benzene	78	3.329	3.329	(0.876)	98943	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	3.378	3.378	(0.889)	23299	5.00000	6
	54 Isobutyl alcohol	42	3.614	3.614	(0.951)	19898	25.0000	40
$	55 1,2-Dichloroethane-d4	65	3.477	3.477	(0.915)	27431	5.00000	5
	56 1,2-Dichloroethane	62	3.546	3.546	(0.933)	30468	5.00000	5
	59 Methyl Cyclohexane	83	3.998	3.998	(1.052)	46037	5.00000	6
	60 Trichloroethene	130	4.028	4.028	(1.060)	21764	5.00000	5
	63 Dibromomethane	93	4.549	4.549	(1.197)	17009	5.00000	5
	64 1,2-Dichloropropane	63	4.667	4.667	(1.228)	28434	5.00000	5(T)
	65 Bromodichloromethane	83	4.775	4.775	(1.256)	36071	5.00000	6
	66 Methyl Methacrylate	69	5.002	5.002	(1.316)	21678	5.00000	5(M)
	69 2-Chloroethylvinylether	63	5.464	5.464	(1.437)	15679	5.00000	5
	70 cis-1,3-Dichloropropene	75	5.494	5.494	(1.445)	42113	5.00000	5
	71 Chloroacetonitrile	48	5.927	5.927	(1.559)	15271	50.0000	58
	72 2-Nitropropane	41	5.976	5.976	(1.572)	15348	10.0000	11(M)
	73 trans-1,3-Dichloropropene	75	6.192	6.192	(1.629)	37129	5.00000	5
	74 1,1,2-Trichloroethane	97	6.340	6.340	(1.668)	20518	5.00000	5
*	75 Chlorobenzene-d5	117	7.206	7.206	(1.000)	138072	25.0000	
	76 Toluene	91	5.740	5.740	(0.797)	94250	5.00000	6
$	77 Toluene-d8	98	5.691	5.691	(0.790)	81153	5.00000	6
	78 1,1-Dichloro-2-propanone	43	5.996	5.996	(0.832)	94991	25.0000	29(M)
	79 4-Methyl-2-Pentanone	43	6.173	6.173	(0.857)	40686	5.00000	6
	80 Tetrachloroethene	164	6.133	6.133	(0.851)	16139	5.00000	6
	81 Ethyl Methacrylate	69	6.399	6.399	(0.888)	28514	5.00000	5(M)
	82 Dibromochloromethane	129	6.507	6.507	(0.903)	23771	5.00000	5(T)
	83 1,3-Dichloropropane	76	6.596	6.596	(0.915)	39668	5.00000	6
	84 1,2-Dibromoethane	107	6.704	6.704	(0.930)	23000	5.00000	6
	86 2-Hexanone	43	6.999	6.999	(0.971)	23347	5.00000	5(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
87	1-Chlorohexane	91	7.255	7.255	(1.007)	47038	5.00000	6(M)
88	Chlorobenzene	112	7.225	7.225	(1.003)	58431	5.00000	6
89	1,1,1,2-Tetrachloroethane	131	7.294	7.294	(1.012)	19772	5.00000	6
90	Ethylbenzene	106	7.275	7.275	(1.010)	30158	5.00000	6
91	Xylene (total)mp	106	7.412	7.412	(1.029)	76387	10.0000	11
92	Xylene (total)o	106	7.796	7.796	(1.082)	36853	5.00000	6
93	Styrene	104	7.855	7.855	(1.090)	59878	5.00000	6
94	Bromoform	173	7.855	7.855	(1.090)	14144	5.00000	5
* 95	1,4-Dichlorobenzene-d4	152	9.311	9.311	(1.000)	63542	25.0000	
96	Isopropylbenzene	105	8.091	8.091	(0.869)	87482	5.00000	6
97	Bromobenzene	156	8.406	8.406	(0.903)	22712	5.00000	6
98	1,1,2,2-Tetrachloroethane	83	8.534	8.534	(0.917)	33640	5.00000	6
99	4-Ethyltoluene	105	8.564	8.564	(0.920)	89954	5.00000	6
100	1,2,3-Trichloropropane	110	8.632	8.632	(0.927)	7018	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	8.682	8.682	(0.932)	15071	10.0000	10
102	n-Propylbenzene	91	8.455	8.455	(0.908)	121208	5.00000	6
103	2-Chlorotoluene	91	8.573	8.573	(0.921)	82793	5.00000	6
104	4-Chlorotoluene	91	8.731	8.731	(0.938)	71904	5.00000	6
105	1,3,5-Trimethylbenzene	105	8.642	8.642	(0.928)	76870	5.00000	6
106	tert-Butylbenzene	119	8.908	8.908	(0.957)	61939	5.00000	6
107	1,2,4-Trimethylbenzene	105	8.977	8.977	(0.964)	76793	5.00000	6
108	sec-Butylbenzene	105	9.065	9.065	(0.974)	106495	5.00000	6
109	4-Isopropyltoluene	119	9.203	9.203	(0.988)	78933	5.00000	6
110	1,3-Dichlorobenzene	146	9.242	9.242	(0.993)	41099	5.00000	6
111	1,4-Dichlorobenzene	146	9.321	9.321	(1.001)	39793	5.00000	6
112	1,2-Dichlorobenzene	146	9.675	9.675	(1.039)	37754	5.00000	6
113	Benzyl Chloride	126	9.547	9.547	(1.025)	8404	5.00000	5
114	1,4-Diethylbenzene	119	9.528	9.528	(1.023)	38092	5.00000	6
115	n-Butylbenzene	91	9.567	9.567	(1.027)	89448	5.00000	5
118	1,2,4,5-Tetramethylbenzene	119	10.226	10.226	(1.098)	61651	5.00000	6
119	1,2-Dibromo-3-chloropropane	75	10.374	10.374	(1.114)	3454	5.00000	4
120	Nitrobenzene	77	10.866	10.866	(1.167)	6917	50.0000	27
121	1,2,4-Trichlorobenzene	180	10.974	10.974	(1.179)	17370	5.00000	5
122	Hexachlorobutadiene	225	10.964	10.964	(1.178)	12424	5.00000	6
123	Naphthalene	128	11.250	11.250	(1.208)	30771	5.00000	4
124	1,2,3-Trichlorobenzene	180	11.417	11.417	(1.226)	16200	5.00000	5
$ 125	Bromofluorobenzene	95	8.327	8.327	(0.894)	31166	5.00000	6
M 126	1,2-Dichloroethene (total)	100				49104	10.0000	11
M 127	Xylene (total)	100				113240	15.0000	17

QC Flag Legend

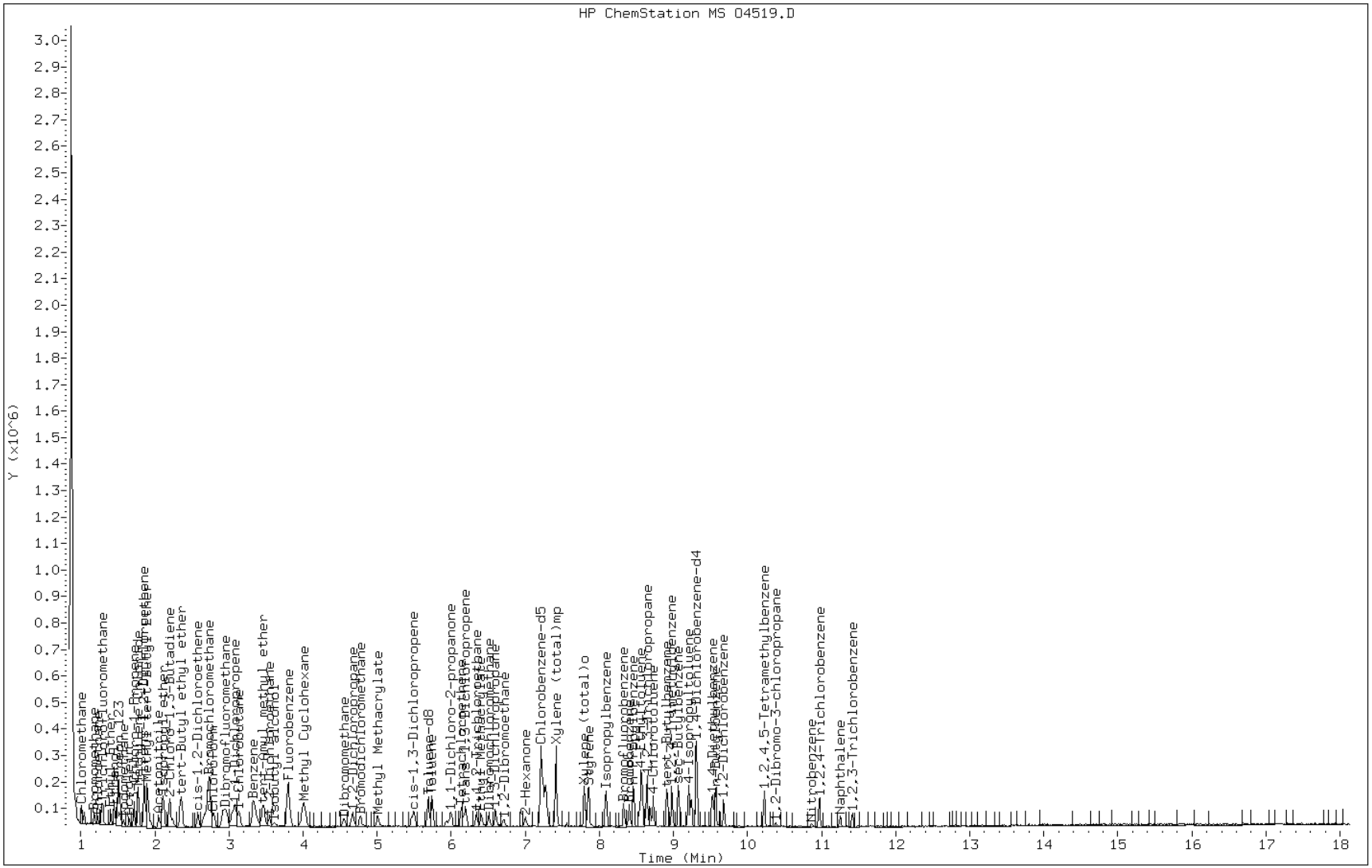
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: O4519.D

Date: 23-JUN-2011 17:14

Client ID: IC;5 Instrument: mso.i

Sample Info: IC;5 Operator: D. HUMBERT



Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 81 Ethyl Methacrylate
CAS #: 97-63-2
Report Date: 06/23/2011

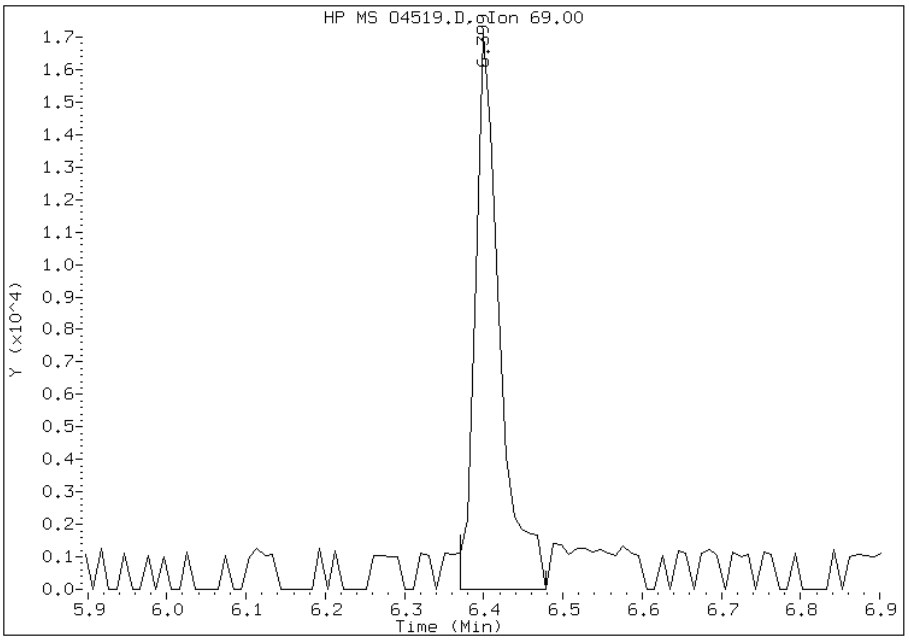
Processing Integration Results

RT: 6.40

Response: 37842

Amount: 6

Conc: 6



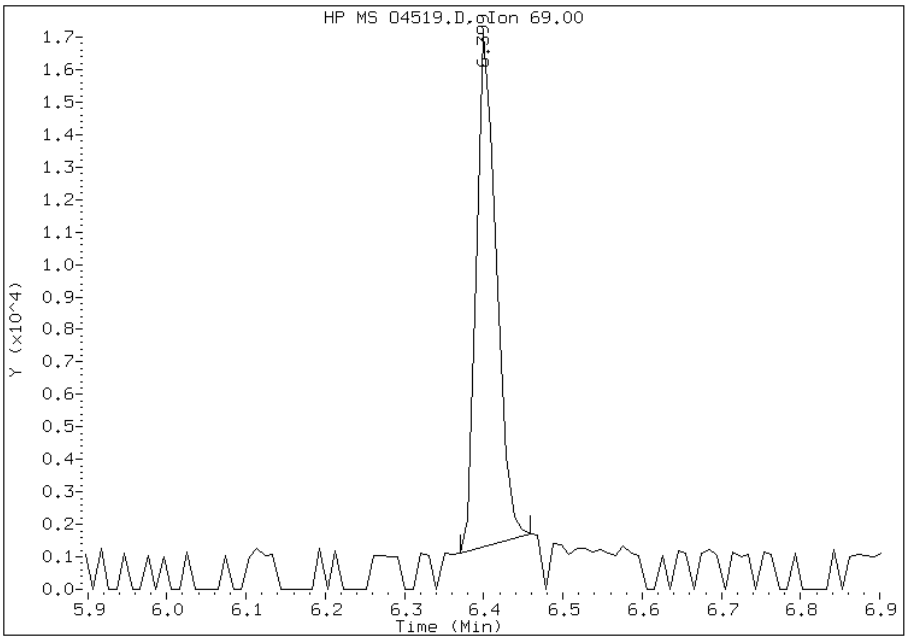
Manual Integration Results

RT: 6.40

Response: 28514

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

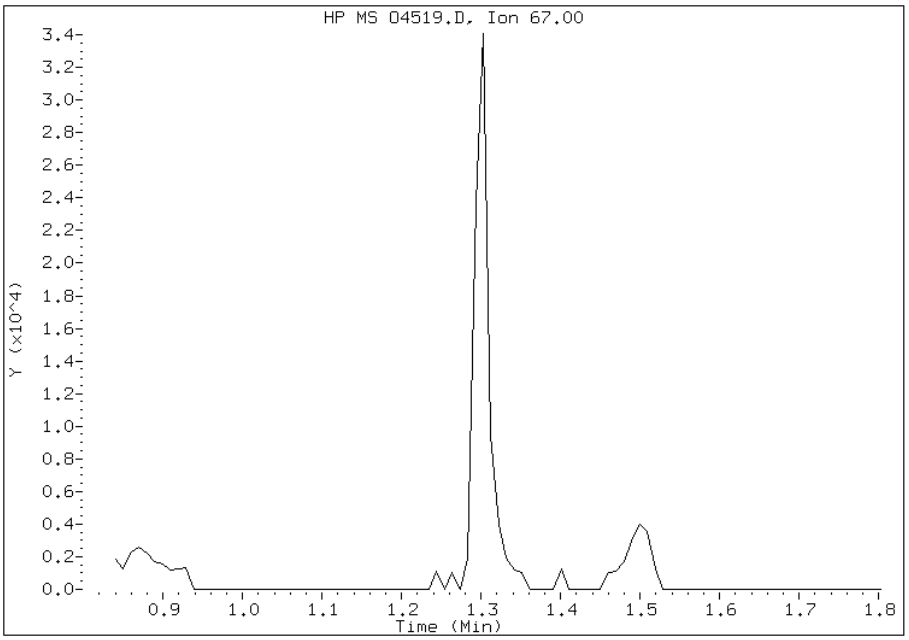
Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 06/23/2011

Processing Integration Results

Not Detected

Expected RT: 1.30



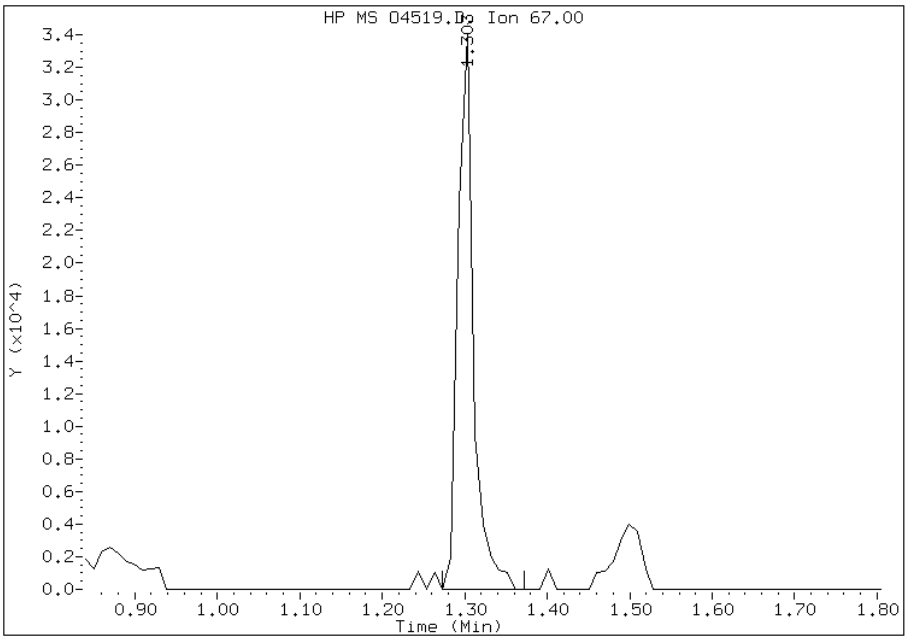
Manual Integration Results

RT: 1.30

Response: 45592

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 06/23/2011

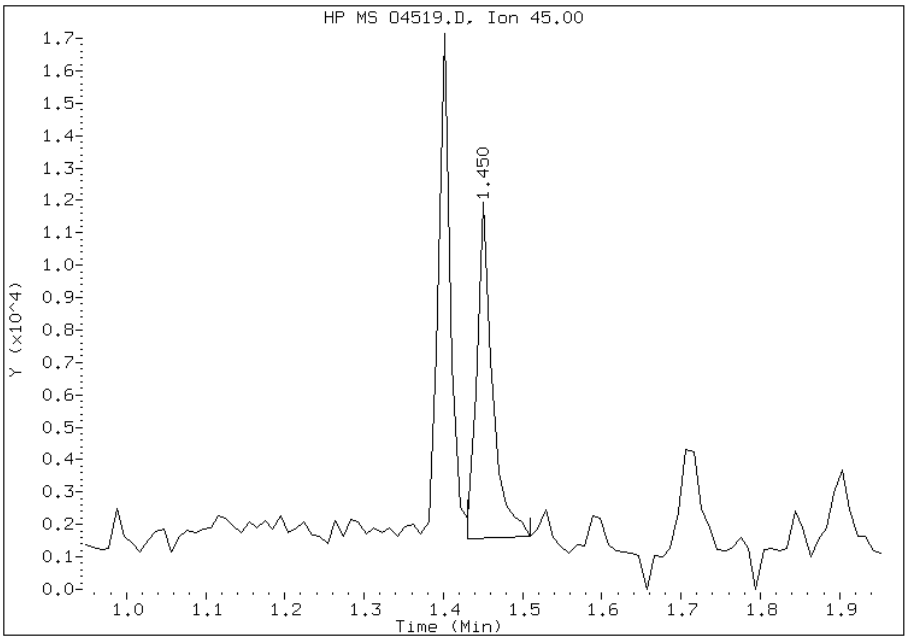
Processing Integration Results

RT: 1.45

Response: 14759

Amount: 61

Conc: 61



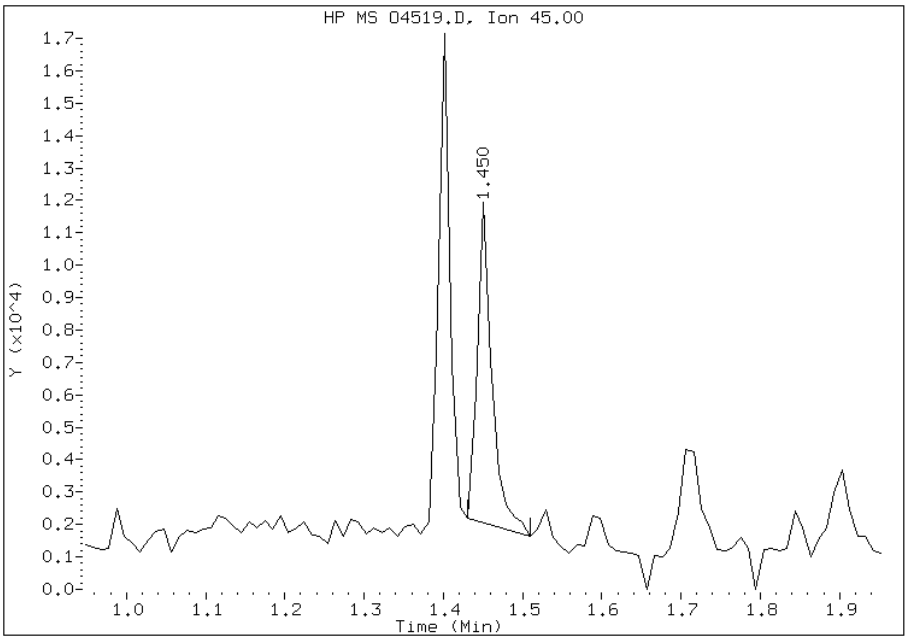
Manual Integration Results

RT: 1.45

Response: 13062

Amount: 55

Conc: 55



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 17 Acrolein
CAS #: 107-02-8
Report Date: 06/23/2011

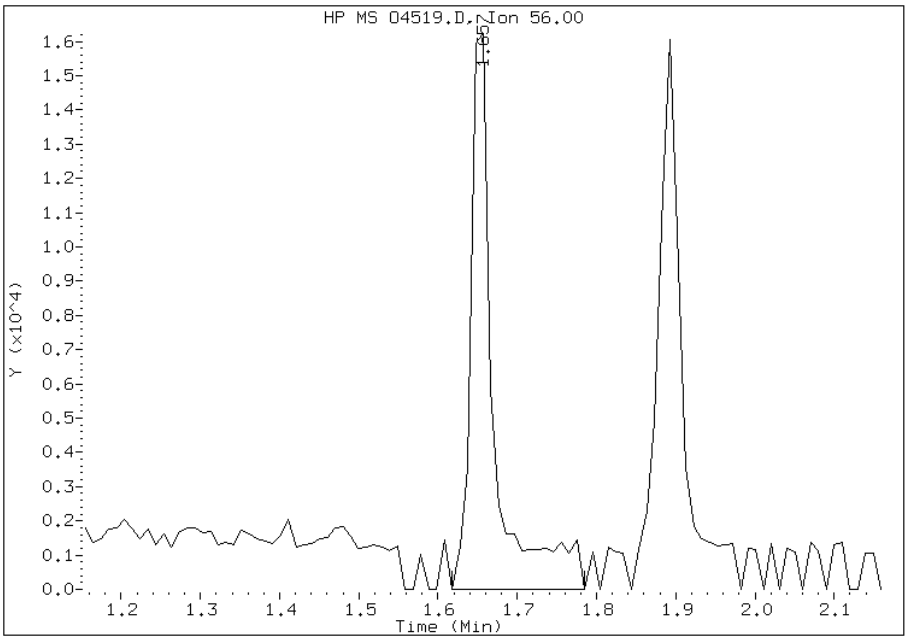
Processing Integration Results

RT: 1.66

Response: 34320

Amount: 35

Conc: 35



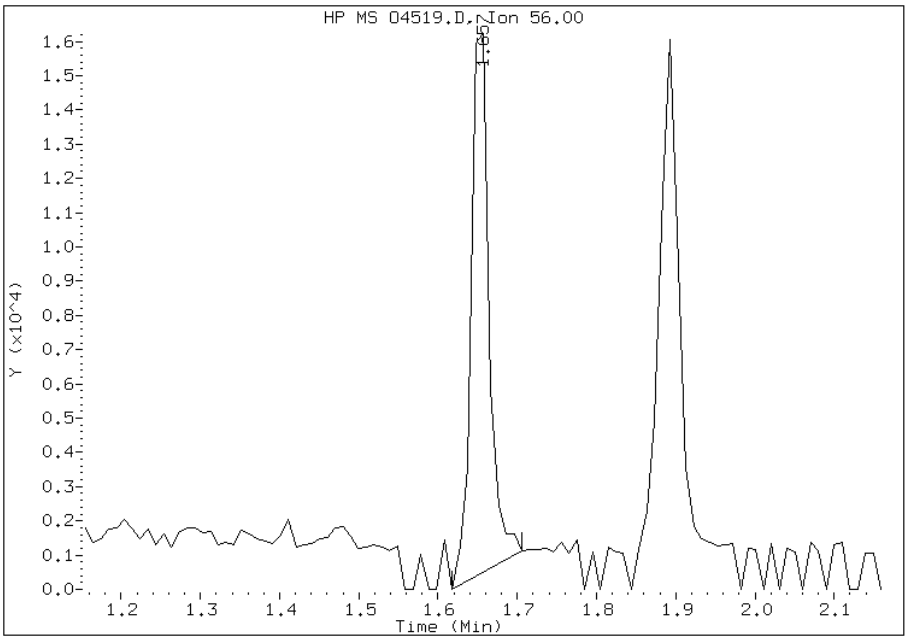
Manual Integration Results

RT: 1.66

Response: 25967

Amount: 28

Conc: 28



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 06/23/2011

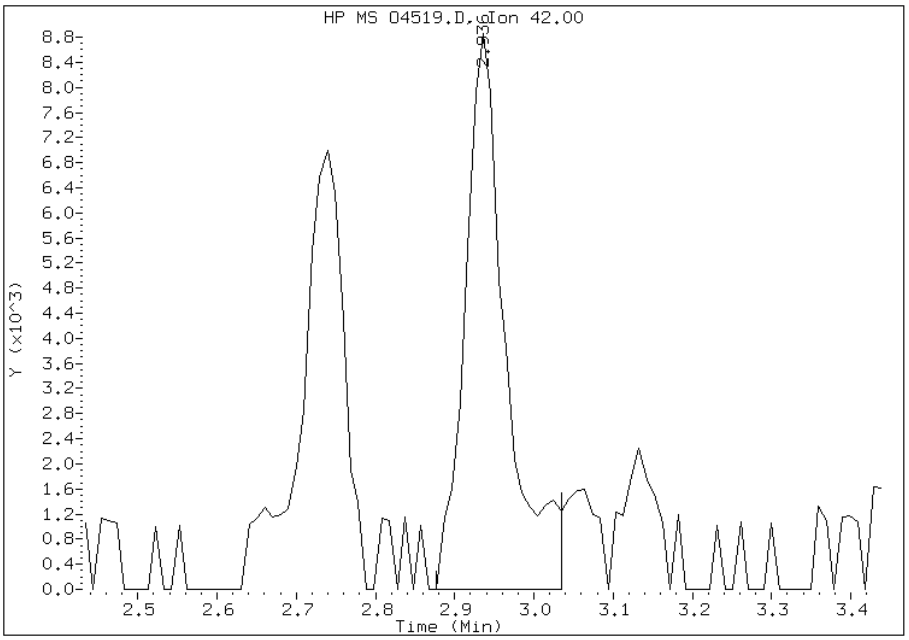
Processing Integration Results

RT: 2.94

Response: 32276

Amount: 14

Conc: 14



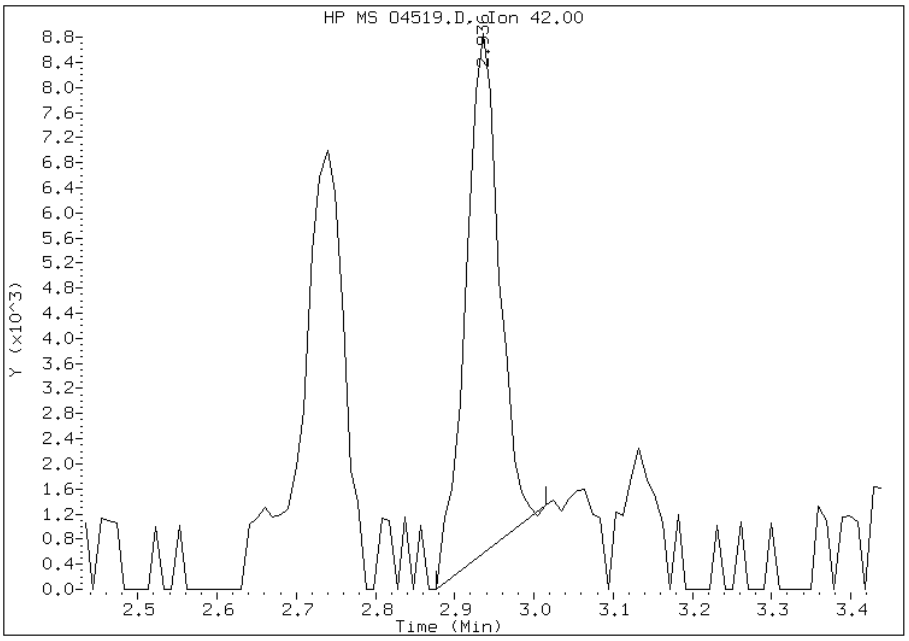
Manual Integration Results

RT: 2.94

Response: 24740

Amount: 11

Conc: 11



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 49 1-Chlorobutane
CAS #: 109-69-3
Report Date: 06/23/2011

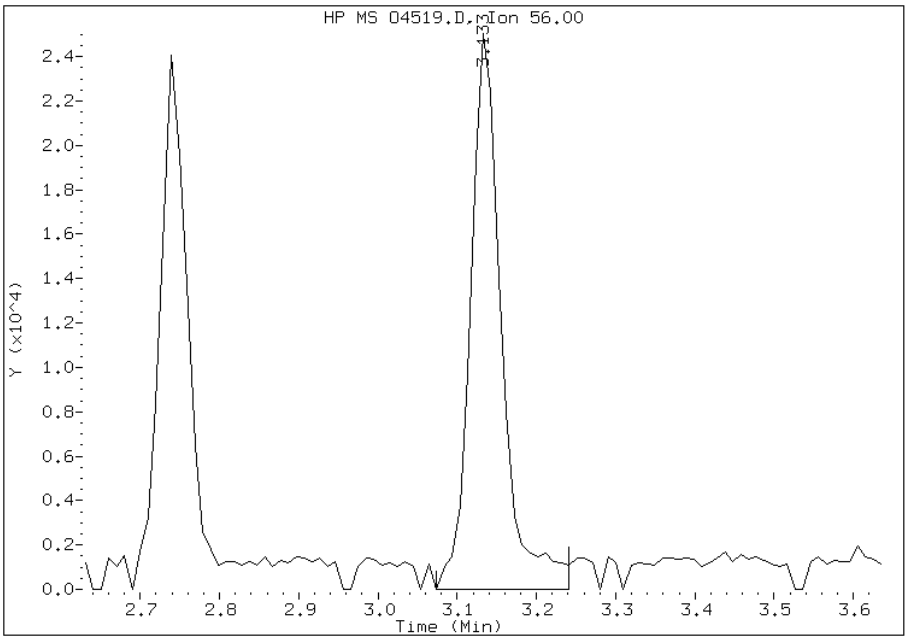
Processing Integration Results

RT: 3.13

Response: 69871

Amount: 7

Conc: 7



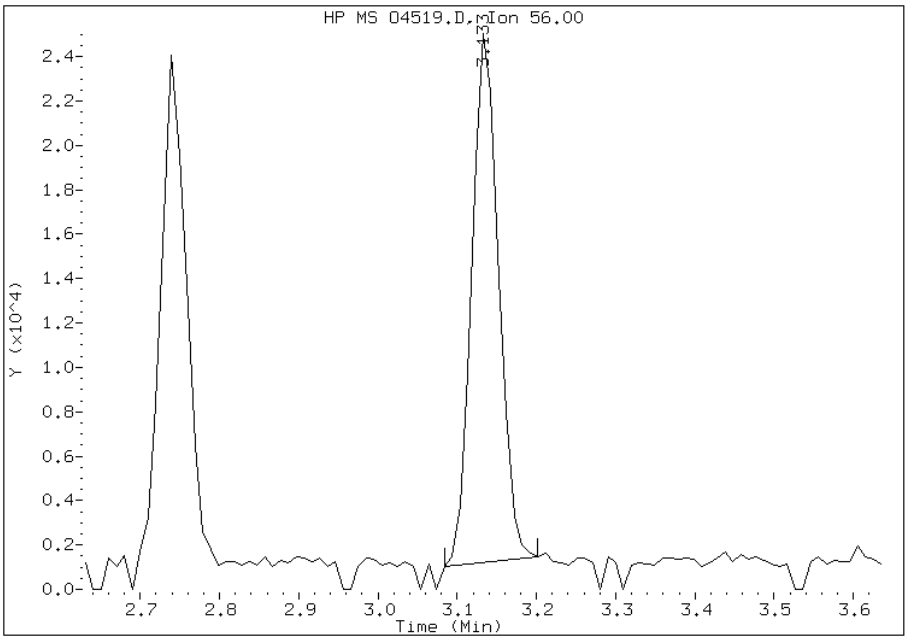
Manual Integration Results

RT: 3.13

Response: 57149

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 06/23/2011

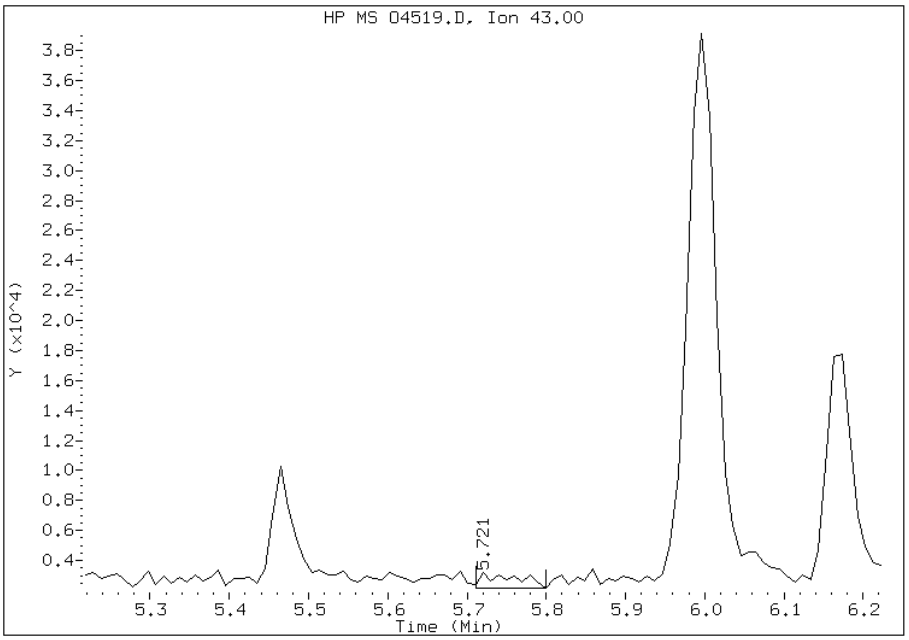
Processing Integration Results

RT: 5.72

Response: 3606

Amount: 1

Conc: 1



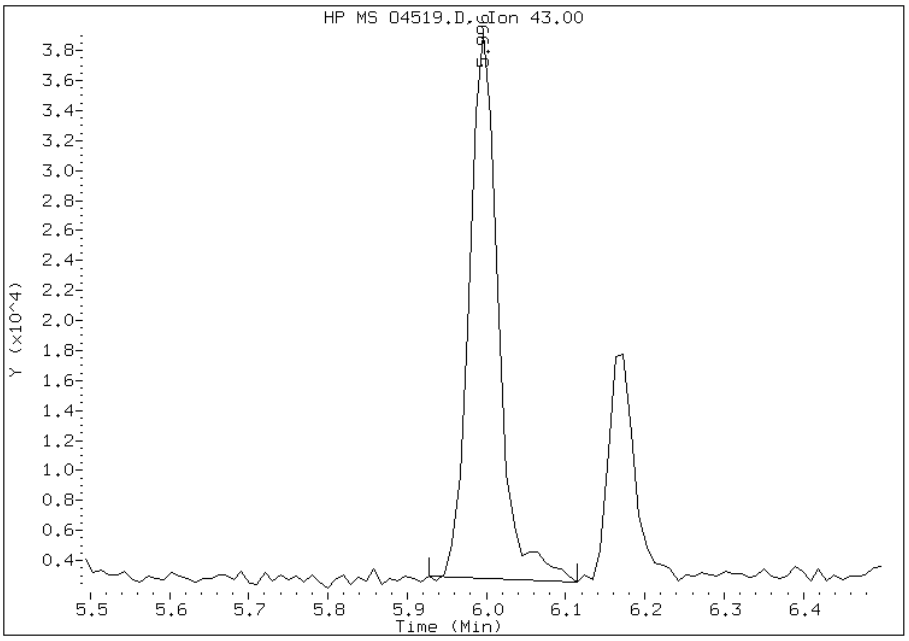
Manual Integration Results

RT: 6.00

Response: 94991

Amount: 29

Conc: 29



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 06/23/2011

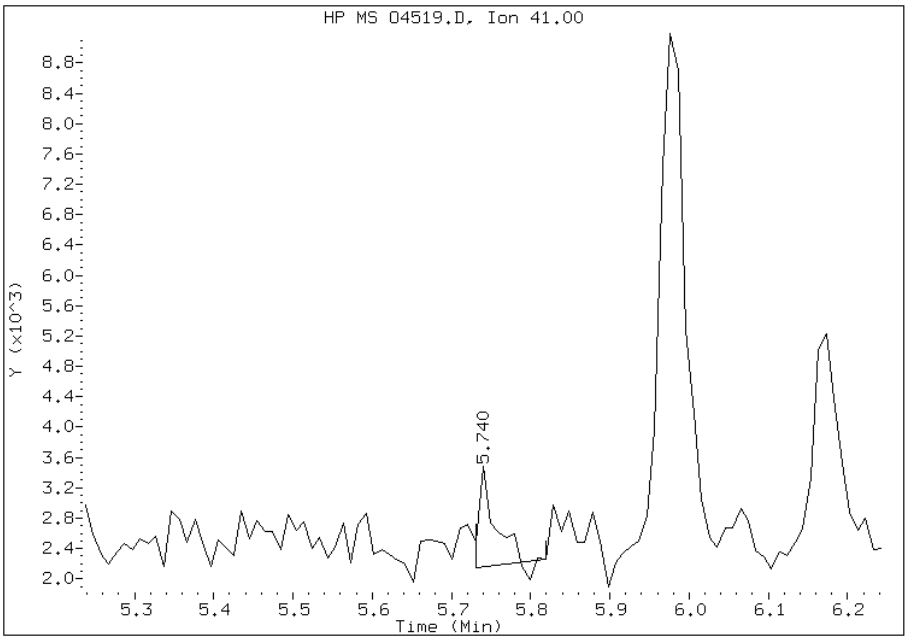
Processing Integration Results

RT: 5.74

Response: 1866

Amount: 2

Conc: 2



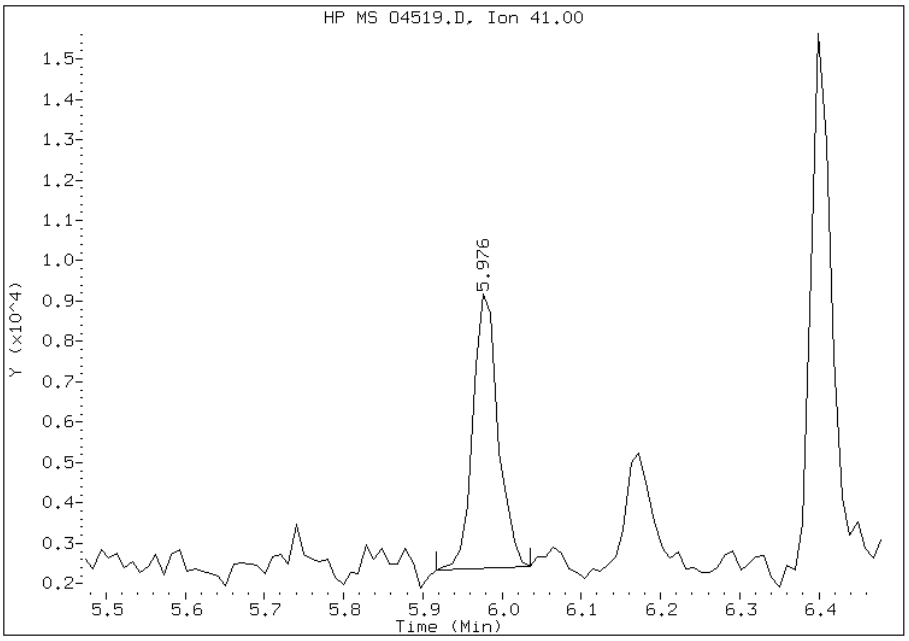
Manual Integration Results

RT: 5.98

Response: 15348

Amount: 11

Conc: 11



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 86 2-Hexanone
CAS #: 591-78-6
Report Date: 06/23/2011

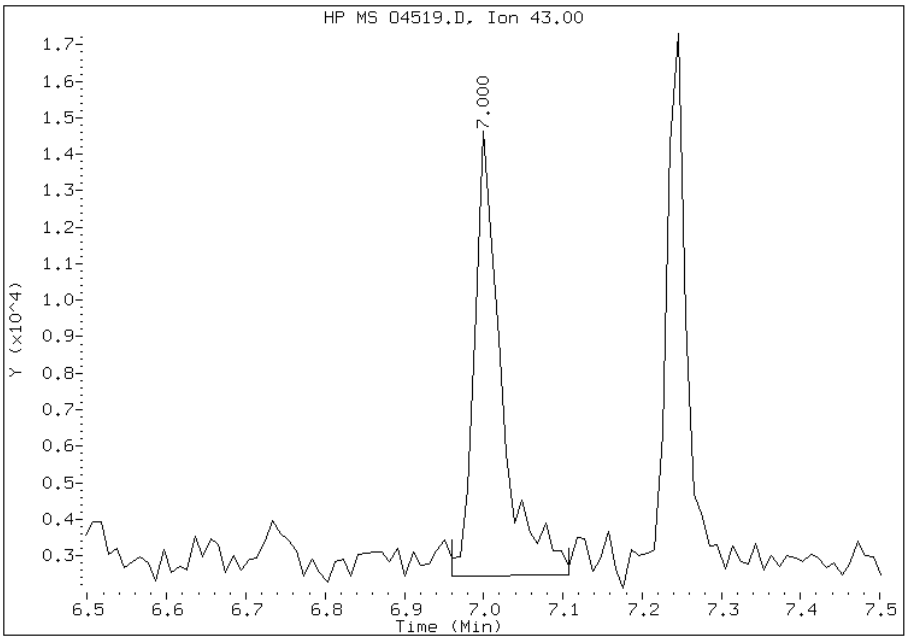
Processing Integration Results

RT: 7.00

Response: 29876

Amount: 6

Conc: 6



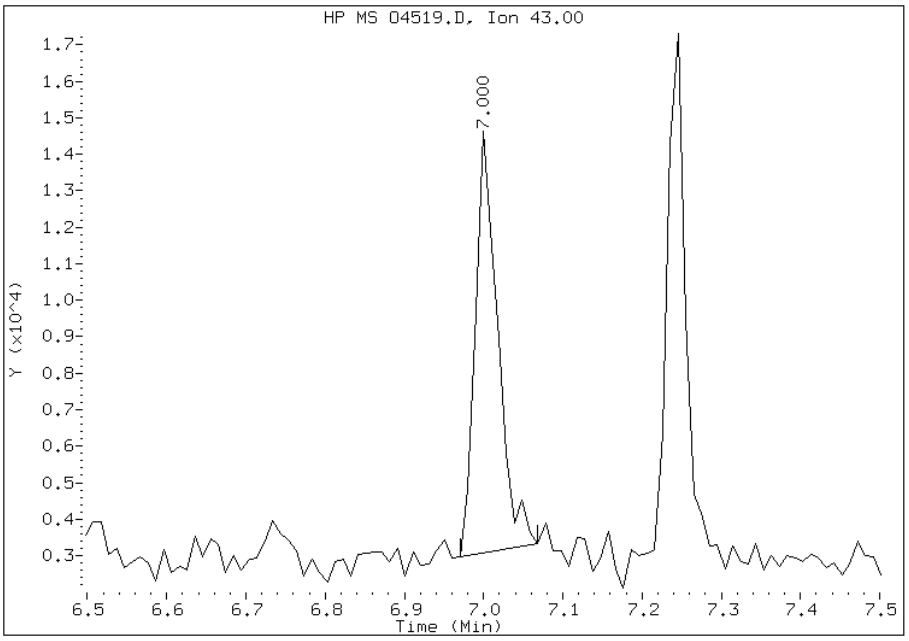
Manual Integration Results

RT: 7.00

Response: 23347

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

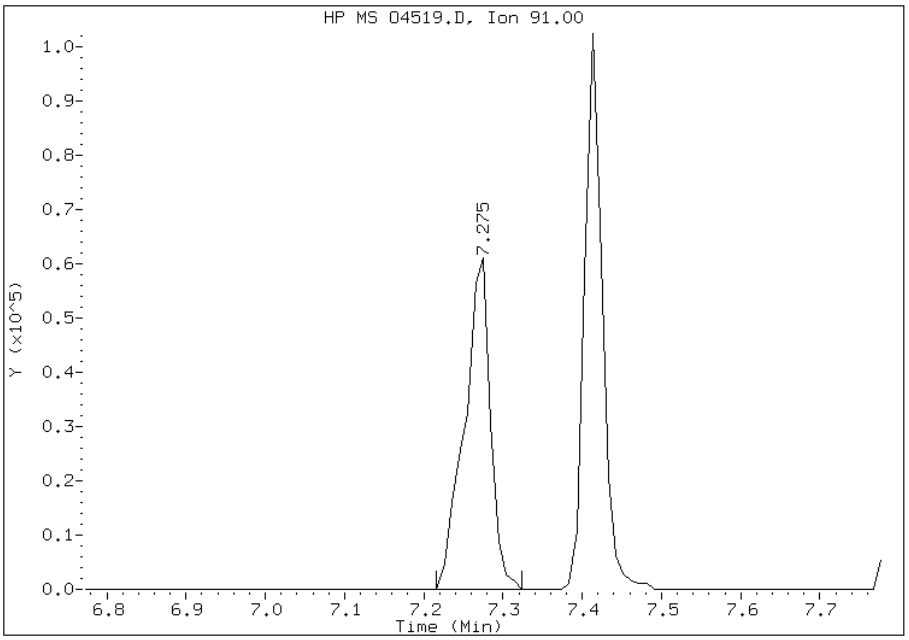
Processing Integration Results

RT: 7.28

Response: 141712

Amount: 13

Conc: 13



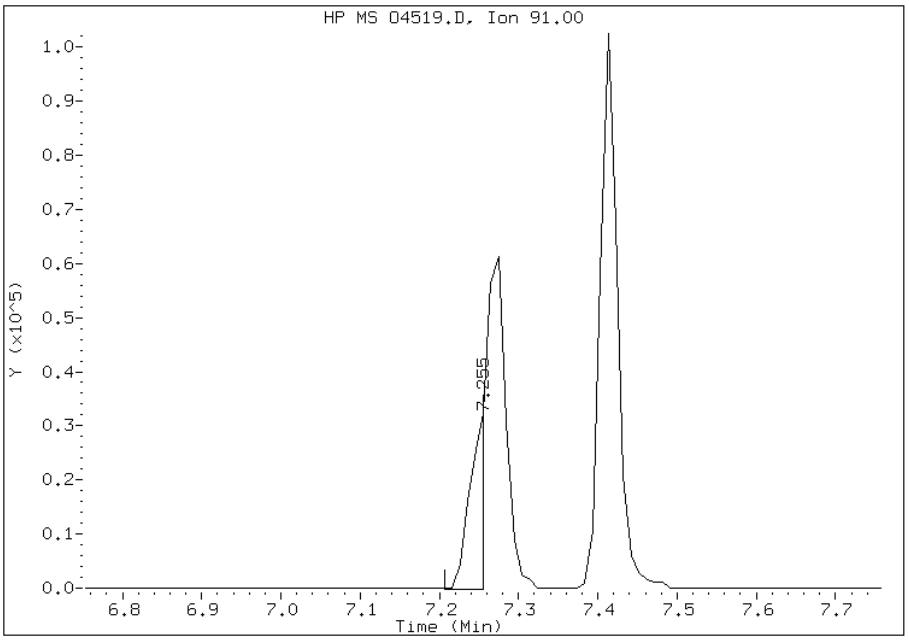
Manual Integration Results

RT: 7.26

Response: 47038

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 66 Methyl Methacrylate
CAS #: 80-62-6
Report Date: 06/23/2011

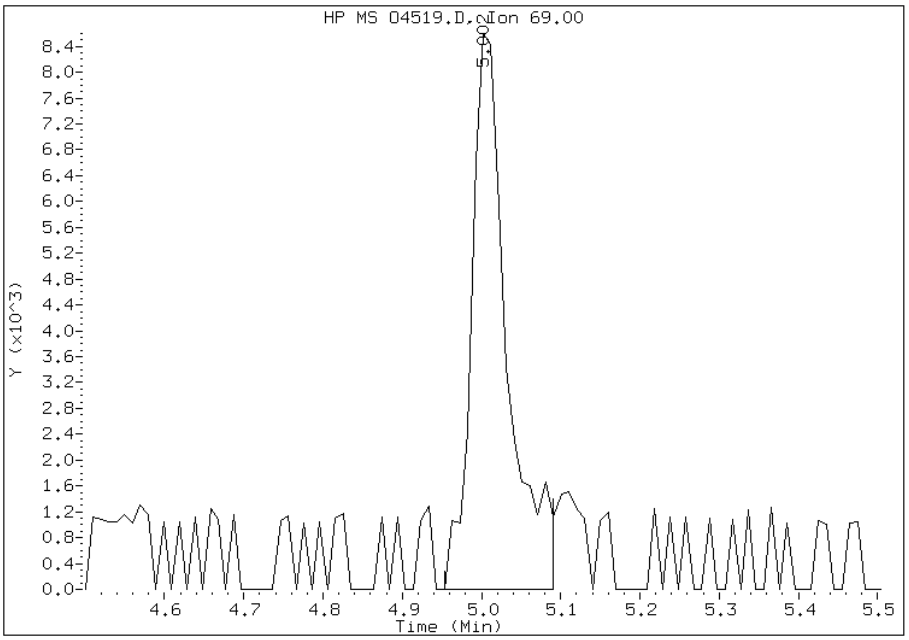
Processing Integration Results

RT: 5.00

Response: 27776

Amount: 7

Conc: 7



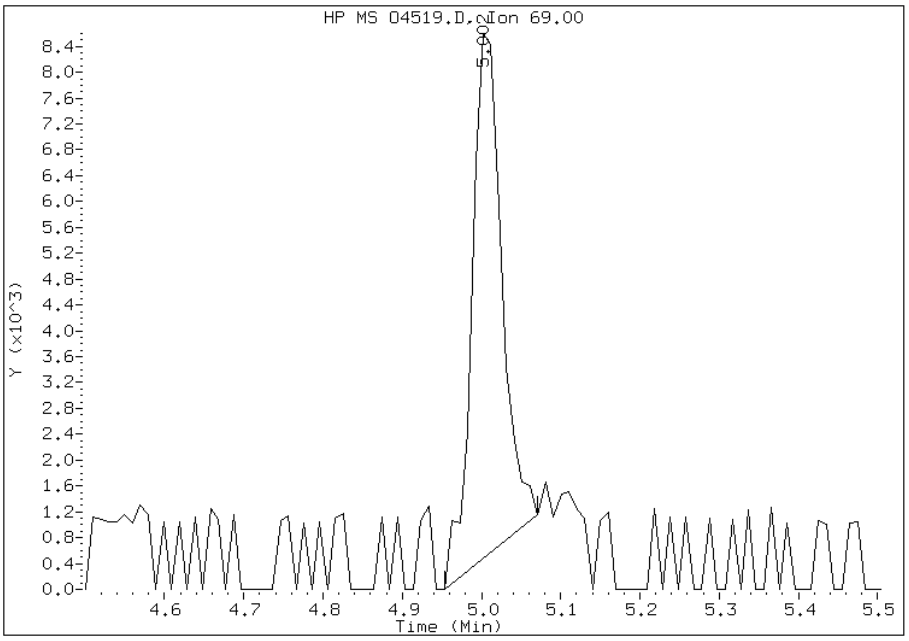
Manual Integration Results

RT: 5.00

Response: 21678

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

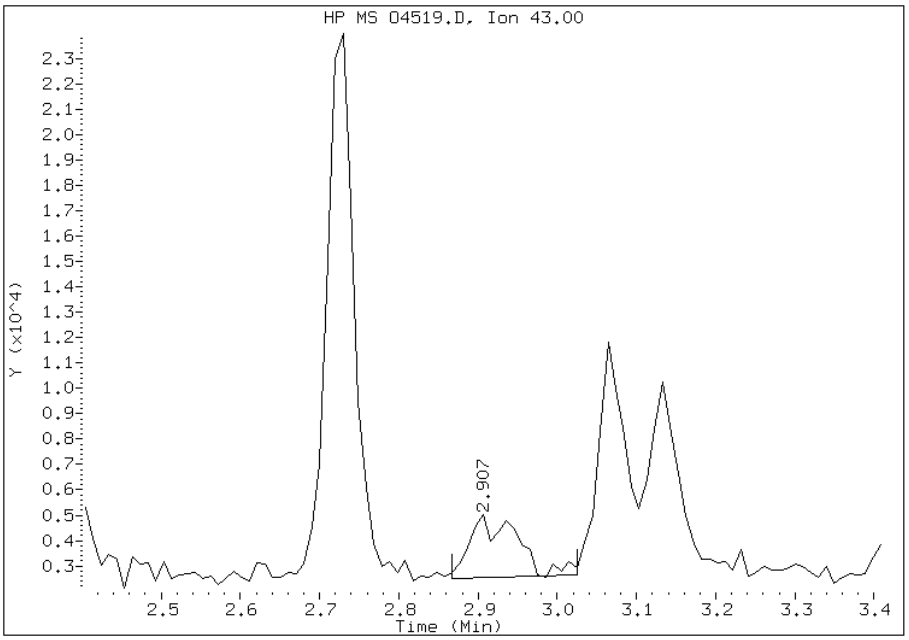
Processing Integration Results

RT: 2.91

Response: 10556

Amount: 21

Conc: 21



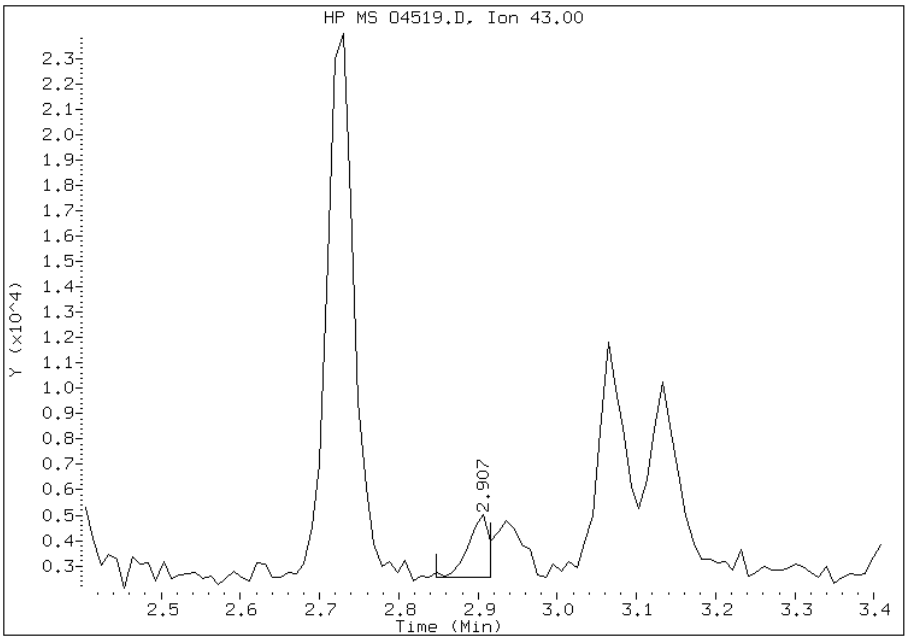
Manual Integration Results

RT: 2.91

Response: 4763

Amount: 11

Conc: 11



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 06/23/2011

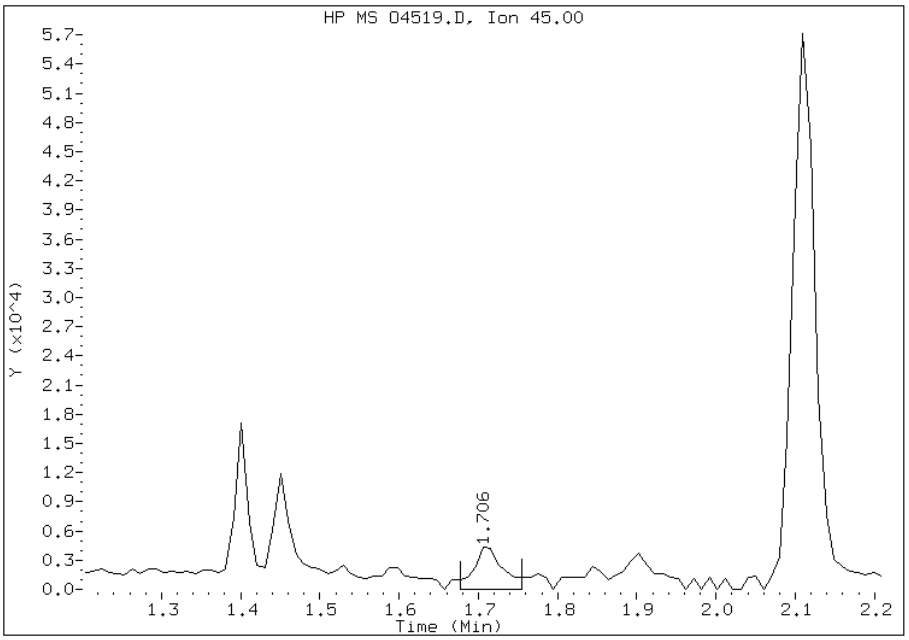
Processing Integration Results

RT: 1.71

Response: 11855

Amount: 9

Conc: 9



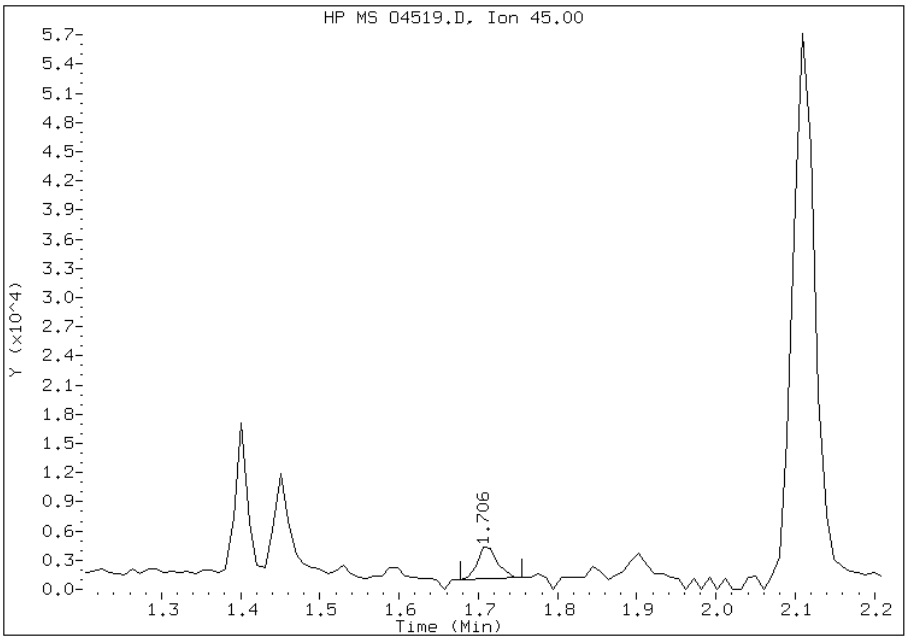
Manual Integration Results

RT: 1.71

Response: 5952

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52854/6	V2196.D
Level 2	IC 220-52854/5	V2195.D
Level 3	IC 220-52854/4	V2194.D
Level 4	ICIS 220-52854/3	V2193.D
Level 5	IC 220-52854/2	V2192.D
Level 6	IC 220-52854/1	V2191.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	0.1691 0.2097	0.2321	0.1966	0.2302	0.2303	Ave		0.2113				11.9		15.0			
Chloromethane	0.2497 0.2302	0.2468	0.2058	0.2204	0.2247	Ave		0.2296			0.1000	7.2		15.0			
Vinyl chloride	0.1655 0.2285	0.2278	0.2037	0.2318	0.2379	Ave		0.2159				12.6		30.0			
Bromomethane	0.1569 0.1244	0.1437	0.1302	0.1249	0.1301	Ave		0.1350				9.5		15.0			
Chloroethane	0.1208 0.0982	0.1197	0.1159	0.1121	0.0989	Ave		0.1109				9.1		15.0			
Trichlorofluoromethane	0.3930 0.4656	0.4627	0.4239	0.4490	0.4350	Ave		0.4382				6.2		15.0			
Dichlorofluoromethane	0.3962 0.3652	0.3635	0.3479	0.3680	0.3429	Ave		0.3640				5.2		15.0			
Ethyl ether	0.1549 0.1213	0.1681	0.1291	0.1253	0.1208	Ave		0.1366				14.6		15.0			
Ethanol	0.0053 0.0081	0.0094	0.0062	0.0077	0.0079	Lin	0.2469	0.0081							0.9997		
1,1-Dichloroethene	0.1247 0.1913	0.1804	0.1749	0.1892	0.1815	Ave		0.1737				14.2		30.0			
Carbon disulfide	0.7591 0.7052	0.7520	0.6472	0.7448	0.6959	Ave		0.7174				6.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2680 0.2300	0.2415	0.2091	0.2346	0.2299	Ave		0.2355				8.2		15.0			
Iodomethane	0.1955 0.2979	0.2071	0.2363	0.2676	0.2863	Lin	0.0432	0.2991							0.9995		
Acrolein	0.0377 0.0363	0.0376	0.0330	0.0350	0.0354	Ave		0.0358				4.9		15.0			
3-Chloro-1-propene	0.3274 0.3226	0.3234	0.2901	0.3043	0.3106	Ave		0.3131				4.6		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
Methylene Chloride	+++++ 0.2361	0.5104	0.3356	0.2670	0.2343	Ave		0.3167				36.6	*	15.0			
Isopropyl alcohol	0.0550 0.0295	0.0300	0.0232	0.0287	0.0325	Lin	-0.004	0.0300							0.9970		
Acetone	+++++ 0.0748	0.1098	0.0692	0.0582	0.0628	Ave		0.0750				27.3	*	15.0			
trans-1,2-Dichloroethene	0.2358 0.2371	0.2141	0.2117	0.2395	0.2276	Ave		0.2276				5.3		15.0			
Methyl acetate	0.9161 0.9800	1.0038	0.8661	0.9221	0.9622	Ave		0.9417				5.3		15.0			
Methyl tert-butyl ether	0.6414 0.7732	0.7586	0.7128	0.7294	0.7540	Ave		0.7282				6.6		15.0			
tert-Butyl alcohol	0.0364 0.0298	0.0307	0.0296	0.0291	0.0311	Ave		0.0311				8.6		15.0			
Acetonitrile	0.0240 0.0283	0.0218	0.0225	0.0251	0.0273	Ave		0.0248				10.4		15.0			
Isopropyl ether	0.6924 0.7187	0.6766	0.6382	0.7011	0.7001	Ave		0.6879				4.1		15.0			
2-Chloro-1,3-butadiene	0.1777 0.2325	0.2086	0.1884	0.2134	0.2244	Ave		0.2075				10.1		15.0			
1,1-Dichloroethane	0.4999 0.4373	0.4139	0.4036	0.4217	0.4232	Ave		0.4333			0.1000	8.0		15.0			
Acrylonitrile	0.0923 0.0963	0.0766	0.0830	0.0934	0.0935	Ave		0.0892				8.6		15.0			
Tert-butyl ethyl ether	0.5474 0.7813	0.7282	0.6597	0.7450	0.7517	Ave		0.7022				12.3		15.0			
Vinyl acetate	0.4334 0.5805	0.4811	0.4679	0.5294	0.5638	Ave		0.5093				11.4		15.0			
cis-1,2-Dichloroethene	0.2896 0.2772	0.3027	0.2556	0.2722	0.2617	Ave		0.2765				6.3		15.0			
2,2-Dichloropropane	0.3452 0.4112	0.3705	0.3321	0.3781	0.3685	Ave		0.3676				7.5		15.0			
Bromochloromethane	0.1336 0.1429	0.1362	0.1389	0.1443	0.1399	Ave		0.1393				2.9		15.0			
Cyclohexane	0.3293 0.3415	0.2598	0.2735	0.3330	0.3288	Ave		0.3110				11.2		15.0			
Chloroform	0.7125 0.4945	0.5173	0.4566	0.4750	0.4682	Ave		0.5207				18.5		30.0			
Carbon tetrachloride	0.4219 0.4299	0.4583	0.3885	0.4114	0.4133	Ave		0.4205				5.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
Tetrahydrofuran	0.0887 0.0794	0.0794	0.0669	0.0730	0.0806	Ave		0.0780				9.4		15.0			
Methyl acrylate	0.2698 0.2454	0.2035	0.2091	0.2287	0.2411	Ave		0.2329				10.6		15.0			
Ethyl acetate	0.0409 0.0305	0.0314	0.0256	0.0275	0.0290	Lin	0.0619	0.0304							0.9992		
1,1,1-Trichloroethane	0.3586 0.4794	0.4223	0.4199	0.4408	0.4537	Ave		0.4291				9.5		15.0			
1,1-Dichloropropene	0.3271 0.3626	0.3240	0.3191	0.3381	0.3476	Ave		0.3364				4.9		15.0			
Methyl Ethyl Ketone	+++++ 0.1221	0.0940	0.1041	0.1079	0.1121	Ave		0.1080				9.6		15.0			
1-Chlorobutane	0.3192 0.4679	0.4281	0.3991	0.4536	0.4539	Ave		0.4203				13.1		15.0			
Benzene	0.9723 1.0221	0.9921	0.8977	0.9930	0.9961	Ave		0.9789				4.4		15.0			
Propionitrile	0.0324 0.0369	0.0342	0.0347	0.0357	0.0358	Ave		0.0350				4.5		15.0			
Methacrylonitrile	0.1653 0.1466	0.1526	0.1241	0.1330	0.1408	Ave		0.1438				10.1		15.0			
Tert-amyl methyl ether	0.5632 0.7412	0.6483	0.6185	0.6922	0.7198	Ave		0.6639				10.1		15.0			
Heptane	0.1822 0.2183	0.1850	0.1771	0.1960	0.2089	Ave		0.1946				8.4		15.0			
1,2-Dichloroethane	0.3597 0.3799	0.3733	0.3498	0.3511	0.3518	Ave		0.3609				3.6		15.0			
Isobutyl alcohol	0.0046 0.0062	0.0062	0.0055	0.0060	0.0063	Ave		0.0058				11.6		15.0			
Methylcyclohexane	0.3200 0.4393	0.4540	0.3510	0.4178	0.4270	Ave		0.4015				13.3		15.0			
Trichloroethene	0.3099 0.2901	0.2734	0.2626	0.2935	0.2790	Ave		0.2847				5.9		15.0			
Dibromomethane	0.1884 0.1951	0.1854	0.1686	0.1867	0.1924	Ave		0.1861				5.0		15.0			
1,2-Dichloropropane	0.2295 0.2624	0.2642	0.2461	0.2553	0.2594	Ave		0.2528				5.2		30.0			
Bromodichloromethane	0.4272 0.3969	0.3802	0.3383	0.3668	0.3760	Ave		0.3809				7.8		15.0			
Methyl methacrylate	0.2558 0.2174	0.1628	0.1615	0.1978	0.2112	Lin	0.0380	0.2184							0.9996		

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
1,4-Dioxane	0.0069 0.0022	0.0036	0.0026	0.0022	0.0025	Lin	-0.552	0.0022							0.9943		
2-Chloroethyl vinyl ether	0.1522 0.1727	0.1324	0.1324	0.1626	0.1684	Ave		0.1535				11.5		15.0			
cis-1,3-Dichloropropene	0.3466 0.4577	0.4263	0.3760	0.4255	0.4380	Ave		0.4117				10.1		15.0			
Toluene	1.2961 1.5060	1.4883	1.2729	1.5490	1.4838	Ave		1.4327				8.2		30.0			
Chloroacetonitrile	0.0092 0.0094	0.0096	0.0076	0.0088	0.0093	Ave		0.0090				8.1		15.0			
2-Nitropropane	0.0748 0.0693	0.0609	0.0623	0.0596	0.0649	Ave		0.0653				8.8		15.0			
1,1-Dichloro-2-propanone	0.1626 0.1673	0.1554	0.1581	0.1668	0.1712	Ave		0.1636				3.7		15.0			
Tetrachloroethene	0.2203 0.3212	0.3385	0.3147	0.3408	0.3274	Ave		0.3105				14.6		15.0			
methyl isobutyl ketone	0.3738 0.3147	0.2558	0.2532	0.3114	0.3142	Ave		0.3038				14.7		15.0			
trans-1,3-Dichloropropene	0.4084 0.4434	0.4220	0.3841	0.4106	0.4334	Ave		0.4170				5.0		15.0			
1,1,2-Trichloroethane	0.2299 0.2515	0.2281	0.2324	0.2407	0.2449	Ave		0.2379				3.9		15.0			
Ethyl methacrylate	0.3206 0.4303	0.3606	0.3325	0.4101	0.4272	Ave		0.3802				12.8		15.0			
Dibromochloromethane	0.5473 0.4566	0.4343	0.4243	0.4581	0.4534	Ave		0.4623				9.5		15.0			
1,3-Dichloropropane	0.5048 0.5396	0.5521	0.4960	0.5592	0.5425	Ave		0.5324				4.9		15.0			
1,2-Dibromoethane	0.3581 0.3640	0.3485	0.3456	0.3810	0.3830	Ave		0.3634				4.4		15.0			
2-Hexanone	0.1663 0.2180	0.1788	0.1796	0.2065	0.2178	Ave		0.1945				11.5		15.0			
Chlorobenzene	0.9328 0.9766	1.0232	0.8842	0.9826	0.9779	Ave		0.9629			0.3000	5.0		15.0			
1-Chlorohexane	0.1875 0.5465	0.2987	0.2450	0.4199	0.4416	Lin	0.1240	0.5478							0.9913		
Ethylbenzene	0.4974 0.5489	0.4822	0.4705	0.5506	0.5491	Ave		0.5164				7.2		30.0			
1,1,1,2-Tetrachloroethane	0.3397 0.4002	0.3990	0.3639	0.4180	0.4011	Ave		0.3870				7.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
m&p-Xylene	0.4705 0.6784	0.5936	0.5317	0.6760	0.6762	Ave		0.6044				14.6		15.0			
o-Xylene	0.4758 0.6515	0.5484	0.5340	0.6066	0.6296	Ave		0.5743				11.6		15.0			
Bromoform	0.3654 0.3368	0.3495	0.3231	0.3533	0.3389	Ave		0.3445			0.1000	4.3		15.0			
Styrene	0.7767 1.0795	0.9115	0.8866	1.0444	1.0664	Ave		0.9608				12.7		15.0			
Isopropylbenzene	1.9989 2.4412	2.2115	2.0694	2.6621	2.5516	Ave		2.3225				11.6		15.0			
Bromobenzene	0.7862 0.7707	0.8911	0.7498	0.8548	0.8051	Ave		0.8096				6.6		15.0			
N-Propylbenzene	2.9812 3.1097	2.8854	2.6371	3.3882	3.1999	Ave		3.0336				8.6		15.0			
1,1,2,2-Tetrachloroethane	0.7709 0.6951	0.8160	0.7060	0.7882	0.7447	Ave		0.7535			0.3000	6.3		15.0			
4-Ethyltoluene	2.2568 2.6994	2.3293	2.3077	2.9109	2.7216	Ave		2.5376				10.8		15.0			
2-Chlorotoluene	2.2842 2.2124	2.2845	2.0623	2.3923	2.2917	Ave		2.2546				4.9		15.0			
1,2,3-Trichloropropane	0.2658 0.2150	0.2453	0.2149	0.2417	0.2286	Ave		0.2352				8.4		15.0			
1,3,5-Trimethylbenzene	1.6267 2.3479	2.1801	2.0150	2.5623	2.4037	Ave		2.1893				15.2	*	15.0			
trans-1,4-Dichloro-2-butene	0.2290 0.2033	0.2020	0.1899	0.2179	0.2041	Ave		0.2077				6.6		15.0			
4-Chlorotoluene	1.9171 2.0667	2.0476	1.9336	2.2834	2.0971	Ave		2.0576				6.4		15.0			
tert-Butylbenzene	1.5148 1.9953	1.8494	1.7527	2.1110	2.0417	Ave		1.8775				11.7		15.0			
1,2,4-Trimethylbenzene	2.1543 2.4144	2.1346	2.0346	2.5860	2.4946	Ave		2.3031				9.7		15.0			
sec-Butylbenzene	2.0037 2.9314	2.5834	2.4207	3.0992	2.9680	Ave		2.6677				15.5	*	15.0			
4-Isopropyltoluene	1.6485 2.5170	2.2068	2.0087	2.6403	2.5648	Ave		2.2643				17.0	*	15.0			
1,3-Dichlorobenzene	1.6938 1.4430	1.4928	1.3392	1.5536	1.4864	Ave		1.5014				7.9		15.0			
1,4-Dichlorobenzene	1.9340 1.4827	1.5931	1.3918	1.5687	1.4764	Ave		1.5744				12.1		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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-Diethylbenzene	1.1714 1.3273	1.1662	1.0528	1.2778	1.3072	Ave		1.2171				8.7		15.0			
Benzyl chloride	0.2501 0.3378	0.2836	0.3032	0.3201	0.3154	Ave		0.3017				10.3		15.0			
n-Butylbenzene	2.5883 2.4032	2.1897	1.9958	2.5056	2.3786	Ave		2.3435				9.3		15.0			
1,2-Dichlorobenzene	1.3886 1.4237	1.4977	1.3554	1.5039	1.4172	Ave		1.4311				4.1		15.0			
1,2,4,5-Tetramethylbenzene	2.1691 2.5840	2.2796	1.9368	2.4494	2.5050	Ave		2.3206				10.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1524 0.1690	0.2052	0.1797	0.1710	0.1699	Ave		0.1745				10.0		15.0			
Nitrobenzene	0.1240 0.0790	0.0946	0.0816	0.0830	0.0859	Lin	-0.306	0.0797							0.9983		
Hexachlorobutadiene	1.0582 0.5405	0.6416	0.5494	0.5977	0.5510	Ave		0.6564				30.6	*	15.0			
1,2,4-Trichlorobenzene	1.6250 1.2222	1.2088	1.2006	1.2313	1.2136	Ave		1.2836				13.1		15.0			
Naphthalene	3.4950 2.6596	2.8162	2.6057	2.7906	2.8143	Ave		2.8636				11.2		15.0			
1,2,3-Trichlorobenzene	1.4724 1.1123	1.3644	1.2218	1.1921	1.1455	Ave		1.2514				11.1		15.0			
Dibromofluoromethane	+++++ 0.2939	0.2781	0.2555	0.2856	0.2830	Ave		0.2792				5.2		15.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.3419	0.3507	0.3202	0.3262	0.3276	Ave		0.3333				3.8		15.0			
Toluene-d8 (Surr)	+++++ 1.3084	1.2966	1.1874	1.3464	1.3158	Ave		1.2909				4.7		15.0			
4-Bromofluorobenzene	+++++ 0.8045	0.8842	0.7487	0.8629	0.8281	Ave		0.8257				6.4		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 Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52854/6	V2196.D
Level 2	IC 220-52854/5	V2195.D
Level 3	IC 220-52854/4	V2194.D
Level 4	ICIS 220-52854/3	V2193.D
Level 5	IC 220-52854/2	V2192.D
Level 6	IC 220-52854/1	V2191.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	Ave	1947 494587	11500	25816	125252	298111	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Ave	2876 542859	12230	27028	119895	290933	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Ave	1906 539071	11286	26754	126083	307934	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Ave	1807 293348	7119	17093	67934	168369	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Ave	1391 231726	5932	15215	60994	127972	0.500 100	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	4526 1098281	22927	55658	244237	563073	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	4563 861285	18013	45685	200210	443960	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Ave	1784 286210	8328	16958	68147	156444	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Lin	615 191749	4672	8166	41827	102373	5.00 1000	20.0	50.0	200	500
1,1-Dichloroethene	FB	Ave	1436 451326	8937	22966	102932	234946	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Ave	8743 1663428	37261	84987	405172	900832	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3087 542608	11965	27460	127593	297629	0.500 100	2.00	5.00	20.0	50.0
Iodomethane	FB	Lin	2251 702621	10264	31029	145560	370659	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Ave	2170 428235	9319	21692	95291	228959	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Ave	3771 760832	16026	38093	165511	402151	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 556983	25289	44065	145254	303256	+++++ 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Isopropyl alcohol	FB	Lin	634 69533	1485	3043	15607	42104	0.500 100	2.00	5.00	20.0	50.0
Acetone	FB	Ave	+++++ 176478	5442	9085	31681	81294	+++++ 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	2716 559161	10607	27794	130294	294595	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	10551 2311529	49740	113731	501595	1245663	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	7387 1823783	37588	93603	396800	976140	0.500 100	2.00	5.00	20.0	50.0
tert-Butyl alcohol	FB	Ave	2094 351160	7610	19418	79248	201219	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Ave	2769 667089	10815	29507	136503	352798	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Ave	7974 1695198	33529	83809	381367	906353	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	2047 548320	10338	24737	116074	290479	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	5757 1031382	20510	53002	229379	547868	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2125 454403	7591	21807	101669	242155	1.00 200	4.00	10.0	40.0	100
Tert-butyl ethyl ether	FB	Ave	6304 1842958	36085	86626	405270	973098	0.500 100	2.00	5.00	20.0	50.0
Vinyl acetate	FB	Ave	4991 1369162	23840	61436	288013	729913	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	3335 653950	14998	33565	148086	338841	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	3976 970019	18361	43612	205661	477070	0.500 100	2.00	5.00	20.0	50.0
Bromochloromethane	FB	Ave	1539 337048	6750	18245	78507	181055	0.500 100	2.00	5.00	20.0	50.0
Cyclohexane	FB	Ave	3793 805428	12876	35912	181127	425599	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	8206 1166277	25633	59957	258413	606160	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	4859 1013963	22709	51012	223773	535029	0.500 100	2.00	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	2042 374575	7868	17577	79454	208607	1.00 200	4.00	10.0	40.0	100
Methyl acrylate	FB	Ave	3107 578899	10084	27455	124385	312086	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Ethyl acetate	FB	Lin	941 143750	3115	6731	29940	75107	1.00 200	4.00	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	4130 1130761	20924	55141	239781	587295	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	3767 855357	16054	41904	183922	449997	0.500 100	2.00	5.00	20.0	50.0
Methyl Ethyl Ketone	FB	Ave	+++++ 288091	4658	13673	58675	145148	+++++ 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Ave	3676 1103541	21211	52407	246780	587646	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	11198 2410919	49160	117875	540185	1289504	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	3733 871229	16956	45561	194150	463966	5.00 1000	20.0	50.0	200	500
Methacrylonitrile	FB	Ave	1904 345826	7564	16292	72377	182271	0.500 100	2.00	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	6486 1748234	32124	81213	376573	931822	0.500 100	2.00	5.00	20.0	50.0
Heptane	FB	Ave	2098 514886	9166	23254	106646	270482	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	4143 896164	18500	45930	190970	455465	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Ave	526 147042	3091	7236	32647	81500	5.00 1000	20.0	50.0	200	500
Methylcyclohexane	FB	Ave	3685 1036255	22497	46087	227286	552824	0.500 100	2.00	5.00	20.0	50.0
Trichloroethene	FB	Ave	3569 684193	13547	34476	159636	361167	0.500 100	2.00	5.00	20.0	50.0
Dibromomethane	FB	Ave	2170 460128	9187	22133	101576	249024	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	2643 618863	13090	32316	138896	335849	0.500 100	2.00	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	4920 936060	18838	44425	199523	486700	0.500 100	2.00	5.00	20.0	50.0
Methyl methacrylate	FB	Lin	2946 512887	8065	21203	107583	273455	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Lin	789 51708	1760	3410	11919	32888	5.00 1000	20.0	50.0	200	500
2-Chloroethyl vinyl ether	FB	Ave	1753 407342	6563	17384	88443	218039	0.500 100	2.00	5.00	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	3992 1079485	21126	49367	231456	567082	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Toluene	CBZ	Ave	11100 2763170	54476	122566	612964	1446184	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Ave	1064 221423	4767	9981	47733	119785	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Ave	1723 326892	6035	16361	64876	168010	1.00 200	4.00	10.0	40.0	100
1,1-Dichloro-2-propanone	CBZ	Ave	6961 1535102	28437	76097	330039	834124	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Ave	1887 589313	12388	30305	134855	319063	0.500 100	2.00	5.00	20.0	50.0
methyl isobutyl ketone	CBZ	Ave	3201 577371	9364	24381	123227	306249	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Ave	4703 1045772	20912	50432	223342	561087	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	2648 593325	11304	30517	130949	317085	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	2746 789562	13198	32016	162277	416364	0.500 100	2.00	5.00	20.0	50.0
Dibromochloromethane	CBZ	Ave	4687 837854	15895	40853	181270	441880	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	4323 990078	20208	47759	221270	528765	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	3067 667906	12757	33280	150786	373245	0.500 100	2.00	5.00	20.0	50.0
2-Hexanone	CBZ	Ave	1424 400052	6546	17292	81718	212322	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	7989 1791930	37450	85141	388838	953051	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Lin	1606 1002800	10932	23589	166172	430414	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	4260 1007148	17649	45301	217869	535189	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	2909 734211	14604	35041	165419	390957	0.500 100	2.00	5.00	20.0	50.0
m&p-Xylene	CBZ	Ave	8059 2489656	43453	102402	535050	1318021	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Ave	4075 1195403	20072	51420	240028	613650	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Ave	3129 617879	12793	31111	139794	330323	0.500 100	2.00	5.00	20.0	50.0
Styrene	CBZ	Ave	6652 1980647	33361	85368	413296	1039389	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Isopropylbenzene	DCB	Ave	9184 2756445	44619	113774	583064	1448845	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	3612 870249	17979	41222	187226	457117	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	13697 3511295	58217	144985	742097	1816956	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	3542 784861	16463	38815	172627	422867	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	10369 3048010	46996	126879	637538	1545342	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	10495 2498054	46093	113385	523973	1301235	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	1221 242791	4950	11815	52936	129821	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	7474 2651116	43987	110786	561192	1364868	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2104 459179	8153	20879	95436	231726	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Ave	8808 2333624	41313	106309	500116	1190776	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	6960 2252901	37314	96363	462358	1159284	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	9898 2726147	43068	111864	566393	1416455	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	9206 3309885	52123	133092	678798	1685249	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	7574 2841976	44525	110439	578288	1456298	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	7782 1629290	30119	73630	340272	843973	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	8886 1674140	32143	76522	343567	838303	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	5382 1498688	23530	57881	279858	742234	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	1149 381467	5721	16668	70099	179084	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	11892 2713555	44181	109730	548784	1350577	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	6380 1607587	30218	74518	329388	804721	0.500 100	2.00	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	9966 2917639	45993	106486	536463	1422391	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
1,2-Dibromo-3-Chloropropane	DCB	Ave	700 190856	4140	9878	37458	96455	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Lin	5695 891957	19092	44868	181857	487794	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Ave	4862 610290	12946	30207	130912	312837	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	7466 1380058	24390	66006	269688	689107	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Ave	16058 3002983	56820	143260	611207	1597993	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	6765 1255941	27528	67173	261096	650407	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	+++++ 693222	13778	33551	155341	366328	+++++ 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 806426	17376	42040	177447	424077	+++++ 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	+++++ 2400741	47457	114338	532796	1282462	+++++ 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	+++++ 908437	17840	41165	188991	470199	+++++ 100	2.00	5.00	20.0	50.0

Curve Type Legend:
Ave = Average ISTD
Lin = Linear ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2191.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 13-JUL-2011 14:31
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;100
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	589678	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	494587	100.000	0.0
3	Chloromethane	50	1.084	1.084	(0.224)	542859	100.000	0.0
4	Vinyl Chloride	62	1.132	1.132	(0.234)	539071	100.000	0.0
5	Bromomethane	94	1.319	1.319	(0.273)	293348	100.000	0.0
6	Chloroethane	64	1.388	1.388	(0.287)	231726	100.000	0.0(M)
7	Trichlorofluoromethane	101	1.468	1.468	(0.304)	1098281	100.000	0.0
8	Dichlorofluoromethane	67	1.511	1.511	(0.313)	861285	100.000	0.0
9	Ethyl Ether	45	1.682	1.682	(0.348)	286210	100.000	0.0
10	Ethanol	45	1.730	1.730	(0.358)	191749	1000.00	0.0
12	Freon 123	67	1.842	1.842	(0.381)	116650	100.000	0.0
13	Trichlorotrifluoroethane	101	1.826	1.826	(0.378)	542608	100.000	0.0
14	1,1-Dichloroethene	96	1.794	1.794	(0.371)	451326	100.000	0.0
15	Carbon Disulfide	76	1.815	1.815	(0.375)	1663428	100.000	0.0
16	Iodomethane	142	1.895	1.895	(0.392)	702621	100.000	0.0
17	Acrolein	56	2.039	2.039	(0.422)	428235	500.000	0.0
18	2-Propanol	45	2.194	2.194	(0.454)	69533	100.000	0.0
19	3-Chloro-1-Propene	41	2.135	2.135	(0.442)	760832	100.000	0.0
20	Methylene Chloride	84	2.215	2.215	(0.458)	556983	100.000	0.0
21	Acetone	43	2.263	2.263	(0.468)	176478	100.000	0.0(M)
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	559161	100.000	0.0
23	Methyl Acetate	43	2.370	2.370	(0.490)	2311529	100.000	0.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	1823783	100.000	0.0
	25 tert-Butyl alcohol	59	2.562	2.562	(0.530)	351160	500.000	0.0
	27 Isopropyl ether	45	2.808	2.808	(0.581)	1695198	100.000	0.0
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.658)	1842958	100.000	0.0
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	548320	100.000	0.0
	30 Acrylonitrile	53	2.947	2.947	(0.609)	454403	200.000	0.0
	31 1,1-Dichloroethane	63	2.898	2.898	(0.599)	1031382	100.000	0.0
	32 Vinyl Acetate	43	3.181	3.181	(0.658)	1369162	100.000	0.0
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	653950	100.000	0.0
	34 2,2-Dichloropropane	77	3.566	3.566	(0.737)	970019	100.000	0.0
	35 Bromochloromethane	128	3.662	3.662	(0.757)	337048	100.000	0.0
	37 Cyclohexane	84	3.662	3.662	(0.757)	805428	100.000	0.0
	38 Chloroform	83	3.763	3.763	(0.778)	1166277	100.000	0.0
	39 Ethyl Acetate	43	3.918	3.918	(0.810)	143750	200.000	0.0
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	578899	100.000	0.0
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	693222	100.000	0.0
	42 Tetrahydrofuran	42	3.913	3.913	(0.809)	374575	200.000	0.0
	43 Carbon Tetrachloride	117	3.886	3.886	(0.804)	1013963	100.000	0.0
	44 1,1,1-Trichloroethane	97	3.961	3.961	(0.819)	1130761	100.000	0.0
	45 2-Butanone	43	4.094	4.094	(0.847)	288091	100.000	0.0
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	855357	100.000	0.0
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	1748234	100.000	0.0
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	1103541	100.000	0.0
	50 Heptane	43	4.542	4.542	(0.939)	514886	100.000	0.0(M)
	51 Propionitrile	54	4.393	4.393	(0.908)	871229	1000.00	0.0
	52 Benzene	78	4.361	4.361	(0.902)	2410919	100.000	0.0
	53 2-Methyl-2-Propenenitrile	41	4.420	4.420	(0.914)	345826	100.000	0.0(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	806426	100.000	0.0
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	896164	100.000	0.0
	59 Methyl Cyclohexane	83	5.007	5.007	(1.035)	1036255	100.000	0.0
	60 Trichloroethene	130	5.028	5.028	(1.040)	684193	100.000	0.0
	63 Dibromomethane	93	5.487	5.487	(1.135)	460128	100.000	0.0
	64 1,2-Dichloropropane	63	5.604	5.604	(1.159)	618863	100.000	0.0
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	936060	100.000	0.0
	66 Methyl Methacrylate	69	5.957	5.957	(1.232)	512887	100.000	0.0
	67 1,4-Dioxane	58	5.951	5.951	(1.231)	51708	1000.00	0.0(M)
	69 2-Chloroethylvinylether	63	6.432	6.432	(1.330)	407342	100.000	0.0
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	1079485	100.000	0.0
	71 Chloroacetonitrile	48	6.944	6.944	(1.436)	221423	1000.00	0.0
	72 2-Nitropropane	41	7.008	7.008	(1.449)	326892	200.000	0.0
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	1045772	100.000	0.0
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	593325	100.000	0.0
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	458705	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	2763170	100.000	0.0
$	77 Toluene-d8	98	6.677	6.677	(0.778)	2400741	100.000	0.0
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	1535102	500.000	0.0
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	577371	100.000	0.0
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	589313	100.000	0.0
	81 Ethyl Methacrylate	69	7.542	7.542	(0.879)	789562	100.000	0.0
	82 Dibromochloromethane	129	7.654	7.654	(0.892)	837854	100.000	0.0
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	990078	100.000	0.0
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	667906	100.000	0.0
	86 2-Hexanone	43	8.299	8.299	(0.968)	400052	100.000	0.0
	87 1-Chlorohexane	91	8.662	8.662	(1.010)	1002800	100.000	0.0(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	8.598	8.598	(1.002)	1791930	100.000	0.0
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	734211	100.000	0.0
90	Ethylbenzene	106	8.684	8.684	(1.012)	1007148	100.000	0.0
91	Xylene (total)mp	106	8.881	8.881	(1.035)	2489656	200.000	0.0
92	Xylene (total)o	106	9.399	9.399	(1.096)	1195403	100.000	0.0
93	Styrene	104	9.463	9.463	(1.103)	1980647	100.000	0.0
94	Bromoform	173	9.452	9.452	(1.102)	617879	100.000	0.0
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	282282	25.0000	
96	Isopropylbenzene	105	9.767	9.767	(0.885)	2756445	100.000	0.0
97	Bromobenzene	156	10.098	10.098	(0.915)	870249	100.000	0.0
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	784861	100.000	0.0
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	3048010	100.000	0.0
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	242791	100.000	0.0
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.944)	459179	200.000	0.0
102	n-Propylbenzene	91	10.183	10.183	(0.923)	3511295	100.000	0.0
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	2498054	100.000	0.0
104	4-Chlorotoluene	91	10.456	10.456	(0.948)	2333624	100.000	0.0
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	2651116	100.000	0.0
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	2252901	100.000	0.0
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	2726147	100.000	0.0
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	3309885	100.000	0.0
109	4-Isopropyltoluene	119	10.952	10.952	(0.993)	2841976	100.000	0.0
110	1,3-Dichlorobenzene	146	10.963	10.963	(0.994)	1629290	100.000	0.0
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	1674140	100.000	0.0
112	1,2-Dichlorobenzene	146	11.374	11.374	(1.031)	1607587	100.000	0.0
113	Benzyl Chloride	126	11.256	11.256	(1.020)	381467	100.000	0.0
114	1,4-Diethylbenzene	119	11.251	11.251	(1.020)	1498688	100.000	0.0
115	n-Butylbenzene	91	11.288	11.288	(1.023)	2713555	100.000	0.0
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	2917639	100.000	0.0
119	1,2-Dibromo-3-chloropropane	75	11.993	11.993	(1.087)	190856	100.000	0.0
120	Nitrobenzene	77	12.398	12.398	(1.124)	891957	1000.00	0.0
121	1,2,4-Trichlorobenzene	180	12.494	12.494	(1.133)	1380058	100.000	0.0
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	610290	100.000	0.0
123	Naphthalene	128	12.718	12.718	(1.153)	3002983	100.000	0.0
124	1,2,3-Trichlorobenzene	180	12.852	12.852	(1.165)	1255941	100.000	0.0
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	908437	100.000	0.0
M 126	1,2-Dichloroethene (total)	100				1213111	200.000	0.0
M 127	Xylene (total)	100				3685059	300.000	0.0

QC Flag Legend

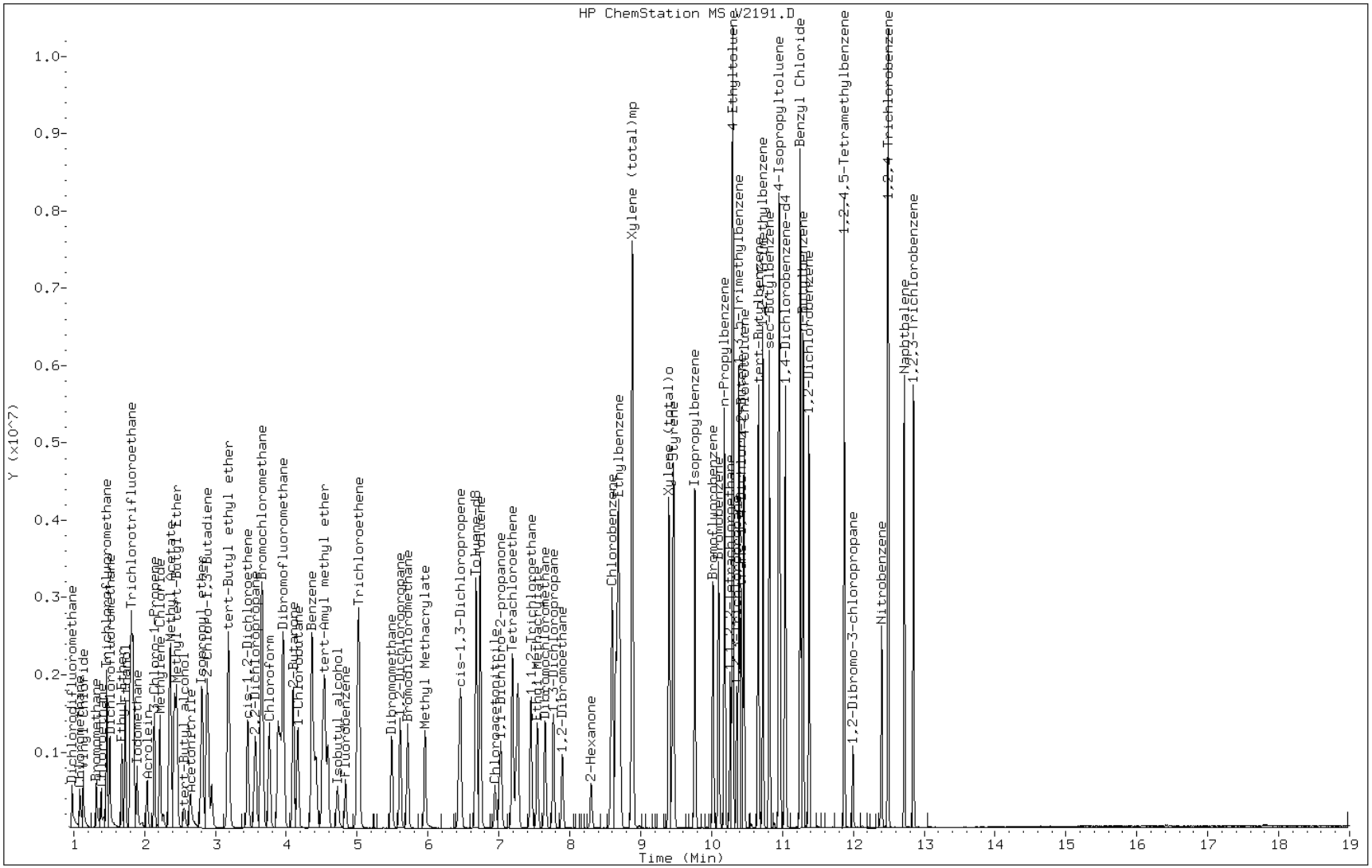
M - Compound response manually integrated.

Data File: V2191.D

Date: 13-JUL-2011 14:31

Client ID: IC;100 Instrument: msv.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

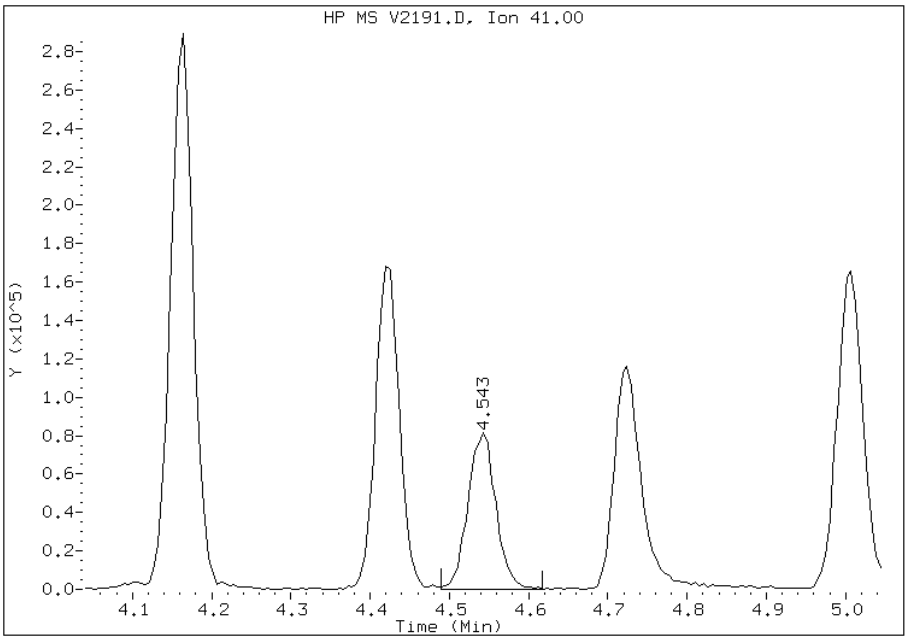
Processing Integration Results

RT: 4.54

Response: 194649

Amount: 70

Conc: 70



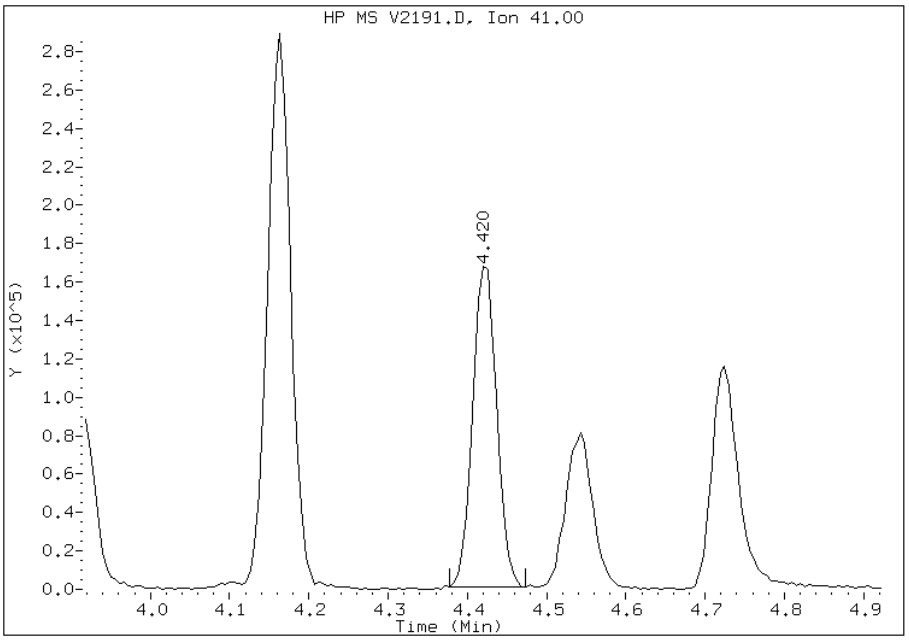
Manual Integration Results

RT: 4.42

Response: 345826

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

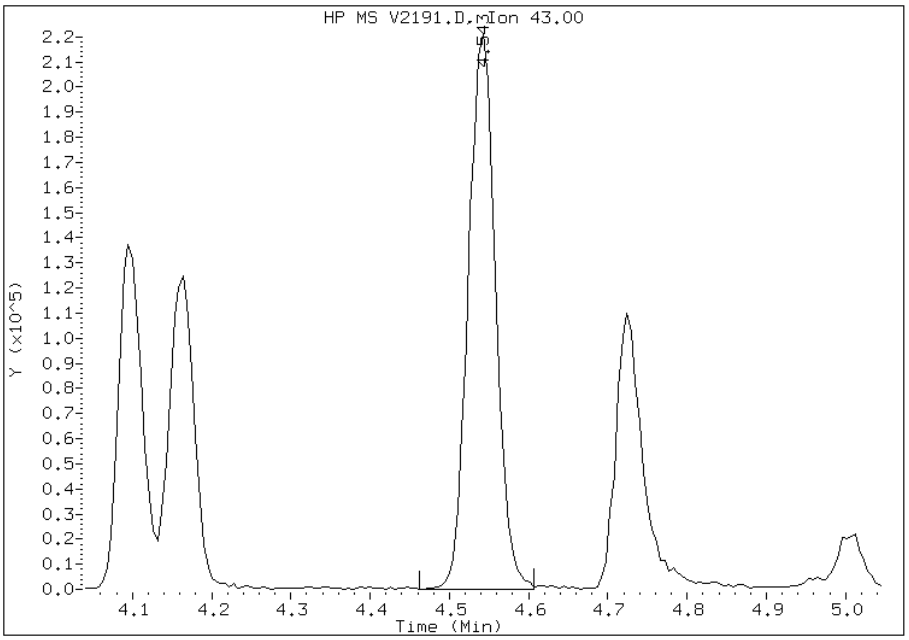
Processing Integration Results

RT: 4.54

Response: 524311

Amount: 105

Conc: 105



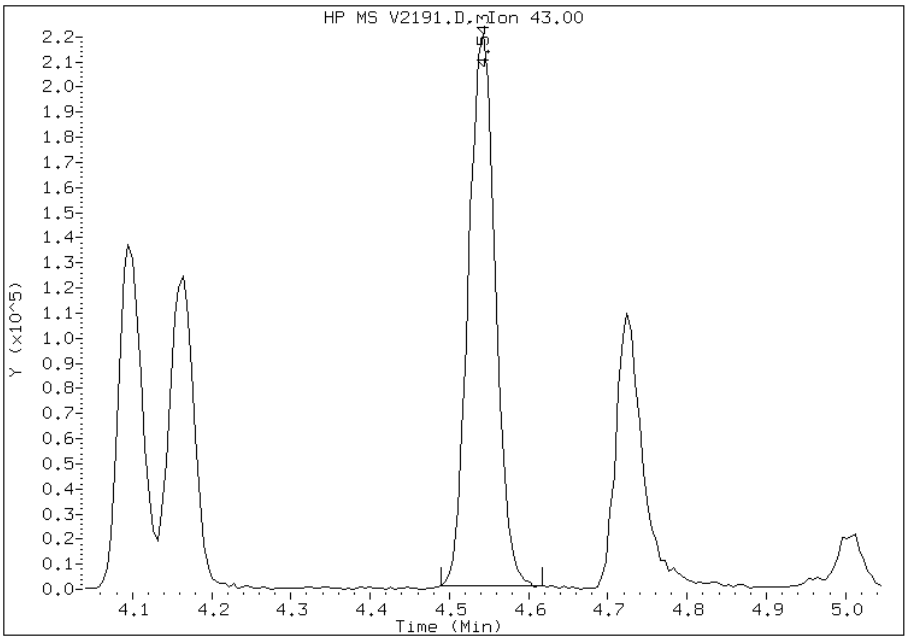
Manual Integration Results

RT: 4.54

Response: 514886

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

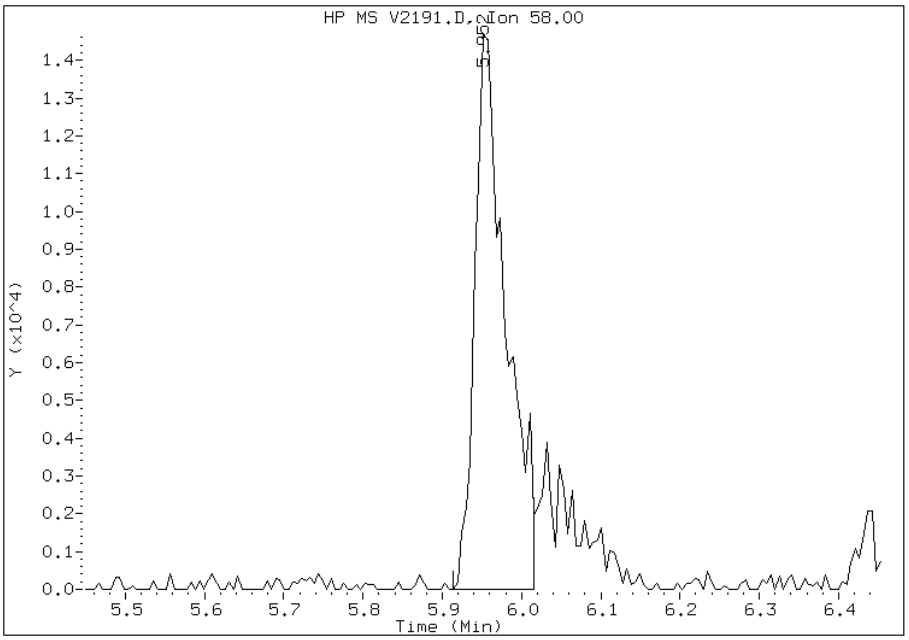
Processing Integration Results

RT: 5.95

Response: 40111

Amount: 933

Conc: 933



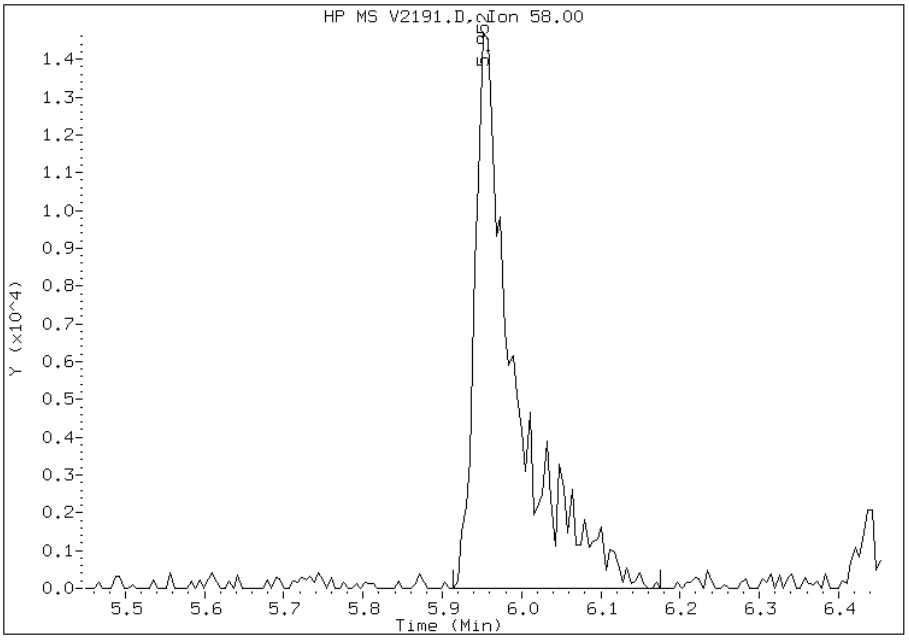
Manual Integration Results

RT: 5.95

Response: 51708

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

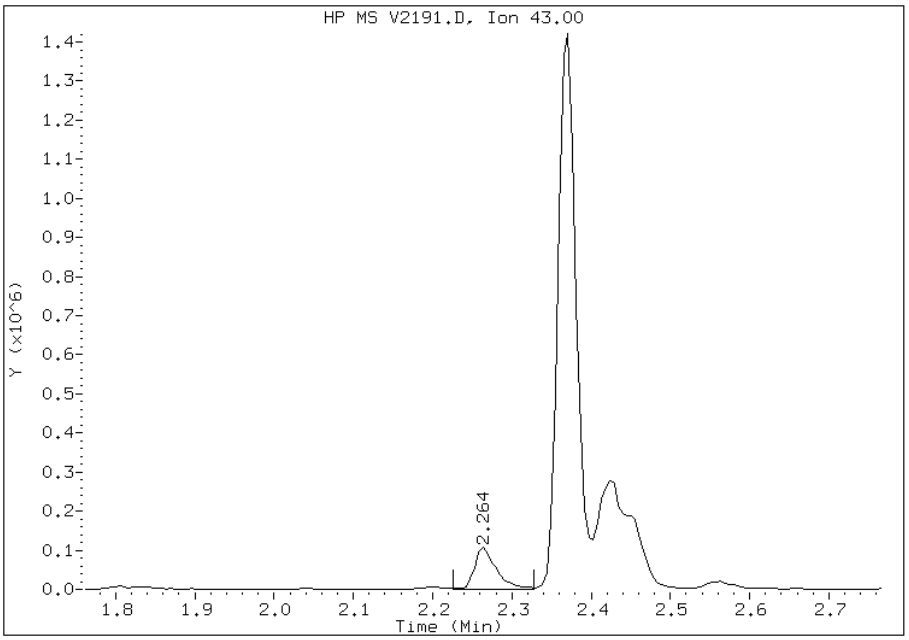
Processing Integration Results

RT: 2.26

Response: 197070

Amount: 0

Conc: 0



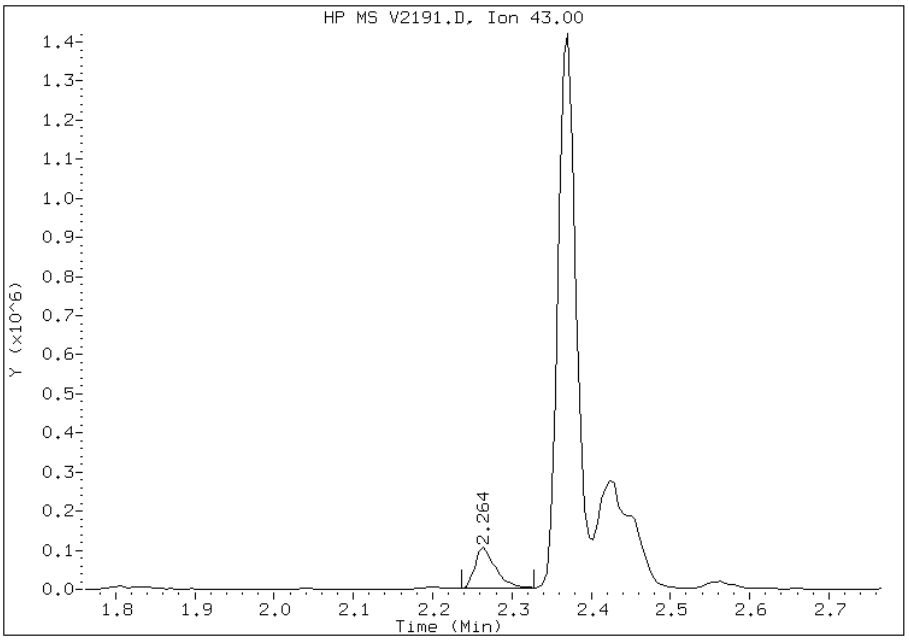
Manual Integration Results

RT: 2.26

Response: 176478

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 07/14/2011

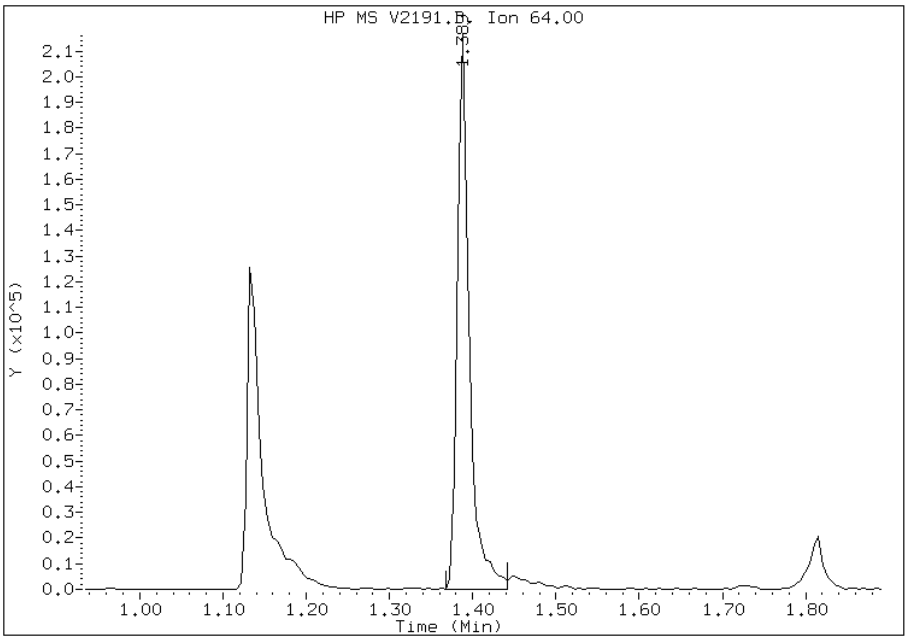
Processing Integration Results

RT: 1.39

Response: 223887

Amount: 73

Conc: 73



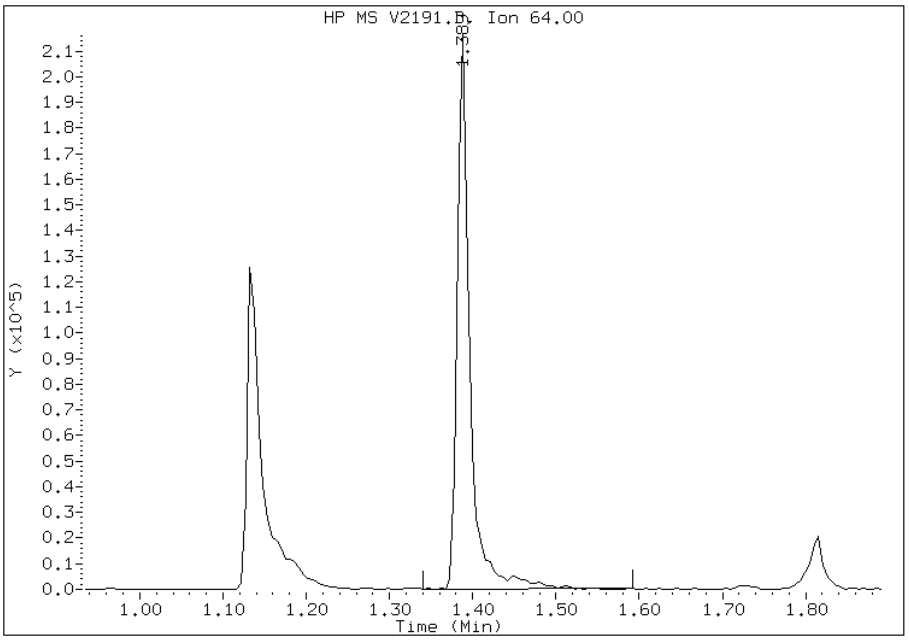
Manual Integration Results

RT: 1.39

Response: 231726

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

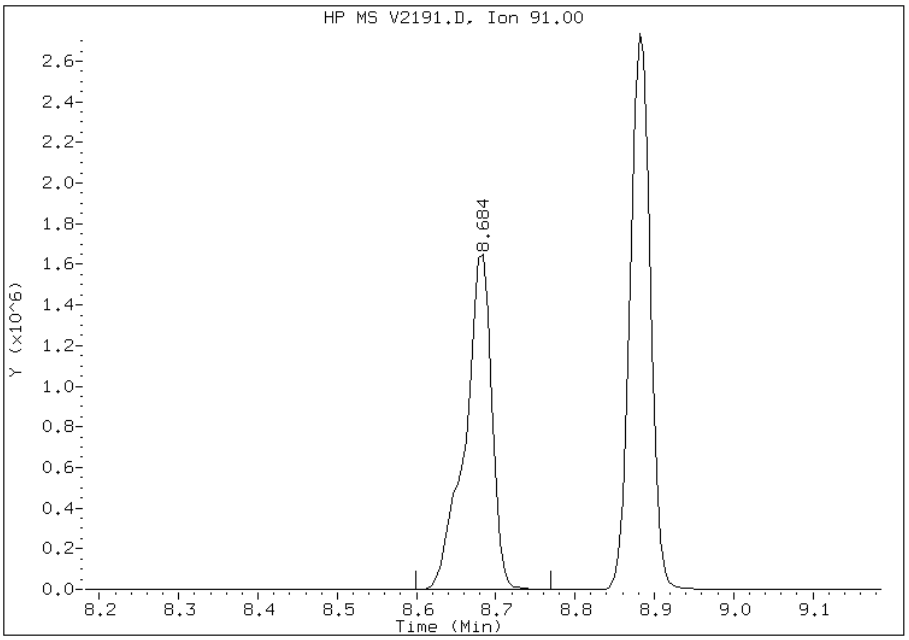
Processing Integration Results

RT: 8.68

Response: 3825284

Amount: 103

Conc: 103



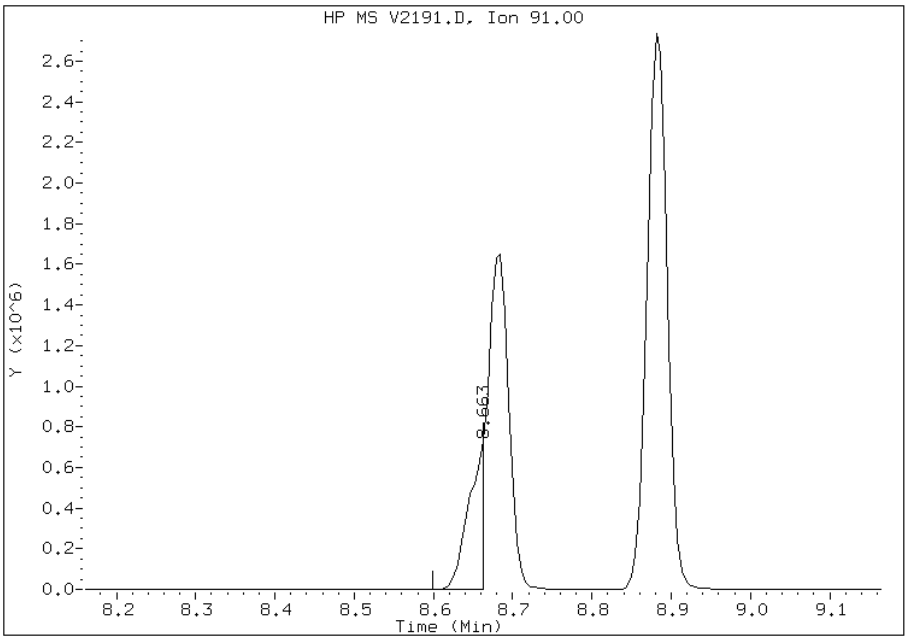
Manual Integration Results

RT: 8.66

Response: 1002800

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2192.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 13-JUL-2011 14:58 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;50
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 14:31 Cal File: V2191.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	647284	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	298111	50.0000	55
3	Chloromethane	50	1.089	1.089	(0.225)	290933	50.0000	49
4	Vinyl Chloride	62	1.132	1.132	(0.234)	307934	50.0000	52
5	Bromomethane	94	1.319	1.319	(0.273)	168369	50.0000	52
6	Chloroethane	64	1.388	1.388	(0.287)	127972	50.0000	50
7	Trichlorofluoromethane	101	1.474	1.474	(0.305)	563073	50.0000	47
8	Dichlorofluoromethane	67	1.511	1.511	(0.313)	443960	50.0000	47
9	Ethyl Ether	45	1.676	1.676	(0.347)	156444	50.0000	50
10	Ethanol	45	1.730	1.730	(0.358)	102373	500.000	490
12	Freon 123	67	1.842	1.842	(0.381)	65116	50.0000	51
13	Trichlorotrifluoroethane	101	1.831	1.831	(0.379)	297629	50.0000	50
14	1,1-Dichloroethene	96	1.799	1.799	(0.372)	234946	50.0000	47
15	Carbon Disulfide	76	1.815	1.815	(0.375)	900832	50.0000	49
16	Iodomethane	142	1.895	1.895	(0.392)	370659	50.0000	48
17	Acrolein	56	2.034	2.034	(0.421)	228959	250.000	240
18	2-Propanol	45	2.189	2.189	(0.453)	42104	50.0000	55
19	3-Chloro-1-Propene	41	2.135	2.135	(0.442)	402151	50.0000	48
20	Methylene Chloride	84	2.221	2.221	(0.459)	303256	50.0000	50
21	Acetone	43	2.258	2.258	(0.467)	81294	50.0000	42(M)
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	294595	50.0000	48
23	Methyl Acetate	43	2.370	2.370	(0.490)	1245663	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.456	2.456	(0.508)	976140	50.0000	49
	25 tert-Butyl alcohol	59	2.552	2.552	(0.528)	201219	250.000	260
	26 Acetonitrile	41	2.642	2.642	(0.546)	352798	500.000	480
	27 Isopropyl ether	45	2.808	2.808	(0.581)	906353	50.0000	49
	28 tert-Butyl ethyl ether	59	3.187	3.187	(0.659)	973098	50.0000	48
	29 2-Chloro-1,3-Butadiene	88	2.883	2.883	(0.596)	290479	50.0000	48
	30 Acrylonitrile	53	2.947	2.947	(0.609)	242155	100.000	97
	31 1,1-Dichloroethane	63	2.899	2.899	(0.599)	547868	50.0000	48
	32 Vinyl Acetate	43	3.181	3.181	(0.658)	729913	50.0000	48
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	338841	50.0000	47
	34 2,2-Dichloropropane	77	3.566	3.566	(0.737)	477070	50.0000	45
	35 Bromochloromethane	128	3.656	3.656	(0.756)	181055	50.0000	49
	37 Cyclohexane	84	3.656	3.656	(0.756)	425599	50.0000	48
	38 Chloroform	83	3.763	3.763	(0.778)	606160	50.0000	47
	39 Ethyl Acetate	43	3.913	3.913	(0.809)	75107	100.000	95
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	312086	50.0000	49
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	366328	50.0000	48
	42 Tetrahydrofuran	42	3.913	3.913	(0.809)	208607	100.000	100
	43 Carbon Tetrachloride	117	3.886	3.886	(0.804)	535029	50.0000	48
	44 1,1,1-Trichloroethane	97	3.955	3.955	(0.818)	587295	50.0000	47
	45 2-Butanone	43	4.094	4.094	(0.847)	145148	50.0000	46
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	449997	50.0000	48
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	931822	50.0000	48
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	587646	50.0000	48
	50 Heptane	43	4.542	4.542	(0.939)	270482	50.0000	48(M)
	51 Propionitrile	54	4.393	4.393	(0.908)	463966	500.000	480
	52 Benzene	78	4.361	4.361	(0.902)	1289504	50.0000	49
	53 2-Methyl-2-Propenenitrile	41	4.420	4.420	(0.914)	182271	50.0000	48(M)
	54 Isobutyl alcohol	42	4.718	4.718	(0.976)	81500	500.000	500
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	424077	50.0000	48
	56 1,2-Dichloroethane	62	4.590	4.590	(0.949)	455465	50.0000	46
	59 Methyl Cyclohexane	83	5.007	5.007	(1.035)	552824	50.0000	49
	60 Trichloroethene	130	5.033	5.033	(1.041)	361167	50.0000	48
	63 Dibromomethane	93	5.487	5.487	(1.135)	249024	50.0000	49
	64 1,2-Dichloropropane	63	5.604	5.604	(1.159)	335849	50.0000	49
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	486700	50.0000	47
	66 Methyl Methacrylate	69	5.957	5.957	(1.232)	273455	50.0000	48
	67 1,4-Dioxane	58	5.957	5.957	(1.232)	32888	500.000	580(M)
	69 2-Chloroethylvinylether	63	6.437	6.437	(1.331)	218039	50.0000	49
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	567082	50.0000	48
	71 Chloroacetonitrile	48	6.944	6.944	(1.436)	119785	500.000	490
	72 2-Nitropropane	41	7.003	7.003	(1.448)	168010	100.000	94
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	561087	50.0000	49
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	317085	50.0000	49
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	487315	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	1446184	50.0000	49
$	77 Toluene-d8	98	6.677	6.677	(0.778)	1282462	50.0000	50
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	834124	250.000	260
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	306249	50.0000	50
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	319063	50.0000	51
	81 Ethyl Methacrylate	69	7.542	7.542	(0.879)	416364	50.0000	50
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	441880	50.0000	50
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	528765	50.0000	50
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	373245	50.0000	53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.299	8.299	(0.968)	212322	50.0000	50
87	1-Chlorohexane	91	8.657	8.657	(1.009)	430414	50.0000	40(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	953051	50.0000	50
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	390957	50.0000	50
90	Ethylbenzene	106	8.678	8.678	(1.012)	535189	50.0000	50
91	Xylene (total)mp	106	8.881	8.881	(1.035)	1318021	100.000	100
92	Xylene (total)o	106	9.399	9.399	(1.096)	613650	50.0000	48
93	Styrene	104	9.463	9.463	(1.103)	1039389	50.0000	49
94	Bromoform	173	9.447	9.447	(1.101)	330323	50.0000	50
* 95	1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	283905	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	1448845	50.0000	52
97	Bromobenzene	156	10.098	10.098	(0.916)	457117	50.0000	52
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.931)	422867	50.0000	54
99	4-Ethyltoluene	105	10.295	10.295	(0.934)	1545342	50.0000	50
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	129821	50.0000	53
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.945)	231726	100.000	100
102	n-Propylbenzene	91	10.183	10.183	(0.924)	1816956	50.0000	51
103	2-Chlorotoluene	91	10.295	10.295	(0.934)	1301235	50.0000	52
104	4-Chlorotoluene	91	10.456	10.456	(0.948)	1190776	50.0000	51
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.942)	1364868	50.0000	51
106	tert-Butylbenzene	119	10.658	10.658	(0.967)	1159284	50.0000	51
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	1416455	50.0000	52
108	sec-Butylbenzene	105	10.813	10.813	(0.981)	1685249	50.0000	51
109	4-Isopropyltoluene	119	10.952	10.952	(0.993)	1456298	50.0000	51
110	1,3-Dichlorobenzene	146	10.963	10.963	(0.994)	843973	50.0000	52
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	838303	50.0000	50
112	1,2-Dichlorobenzene	146	11.374	11.374	(1.031)	804721	50.0000	50
113	Benzyl Chloride	126	11.256	11.256	(1.021)	179084	50.0000	47
114	1,4-Diethylbenzene	119	11.245	11.245	(1.020)	742234	50.0000	49
115	n-Butylbenzene	91	11.288	11.288	(1.024)	1350577	50.0000	49
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	1422391	50.0000	48
119	1,2-Dibromo-3-chloropropane	75	11.993	11.993	(1.088)	96455	50.0000	50
120	Nitrobenzene	77	12.398	12.398	(1.124)	487794	500.000	540
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.133)	689107	50.0000	50
122	Hexachlorobutadiene	225	12.489	12.489	(1.133)	312837	50.0000	51
123	Naphthalene	128	12.718	12.718	(1.153)	1597993	50.0000	53
124	1,2,3-Trichlorobenzene	180	12.847	12.847	(1.165)	650407	50.0000	51
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.909)	470199	50.0000	51
M 126	1,2-Dichloroethene (total)	100				633436	100.000	95
M 127	Xylene (total)	100				1931671	150.000	150

QC Flag Legend

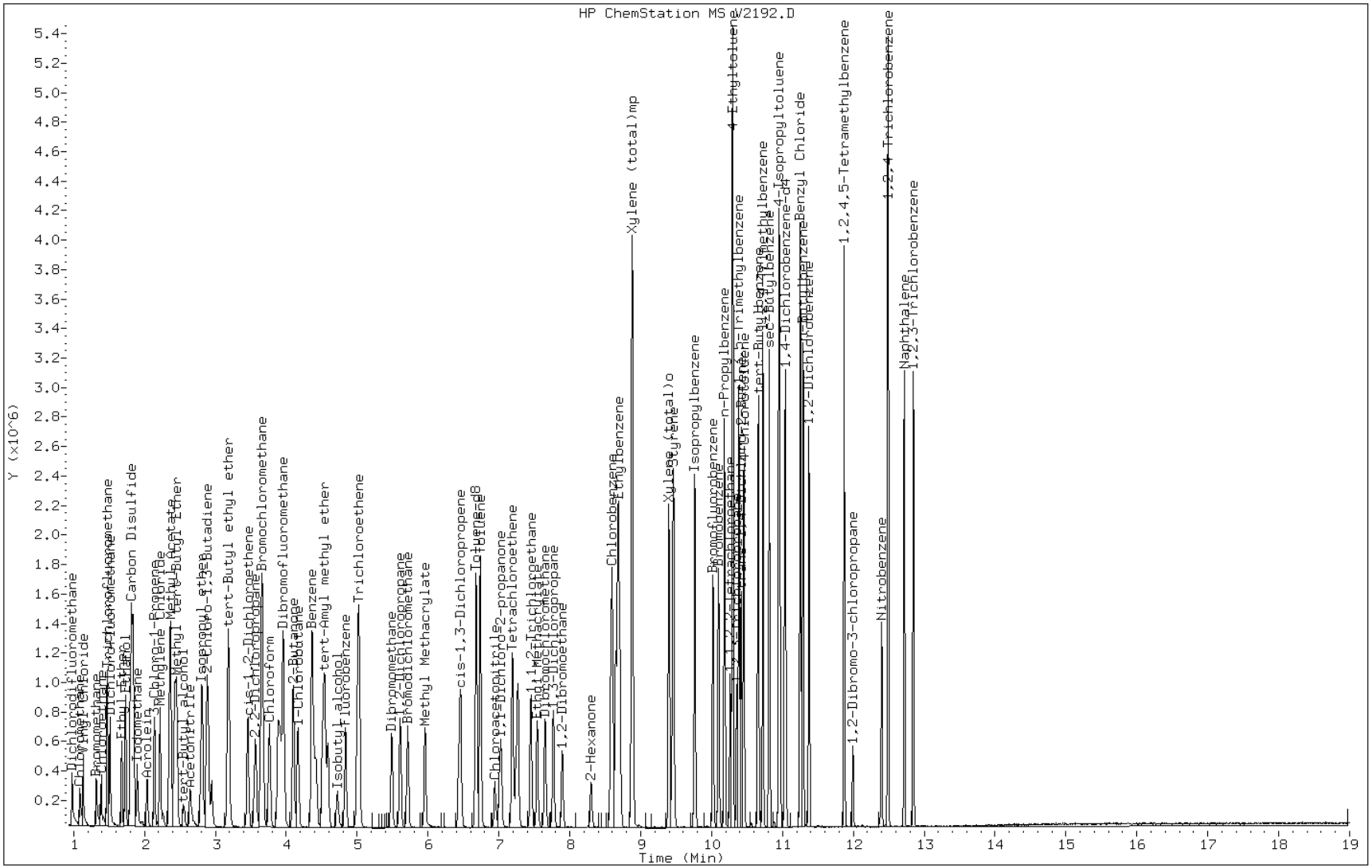
M - Compound response manually integrated.

Data File: V2192.D

Date: 13-JUL-2011 14:58

Client ID: IC;50 Instrument: msv.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

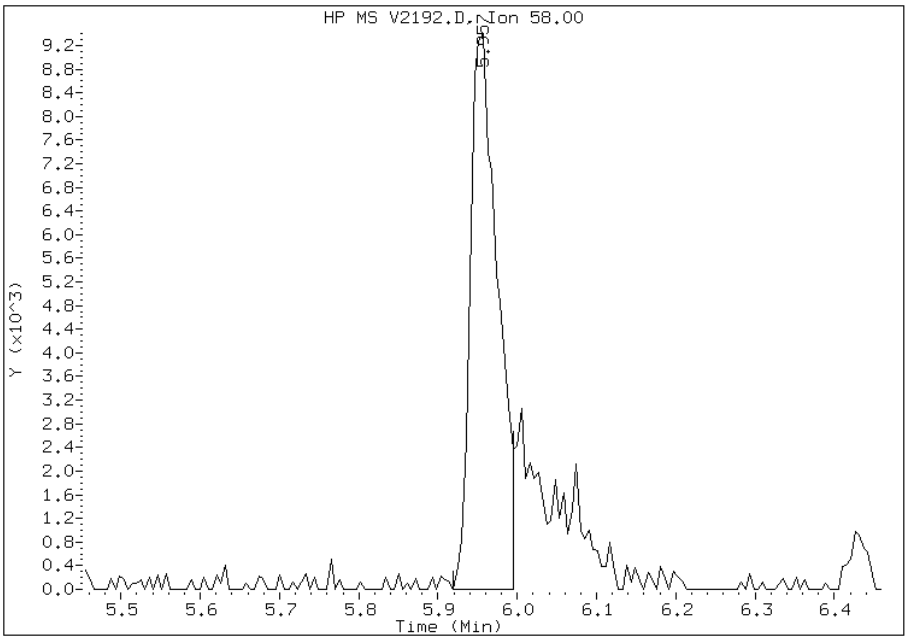
Processing Integration Results

RT: 5.96

Response: 22519

Amount: 471

Conc: 471



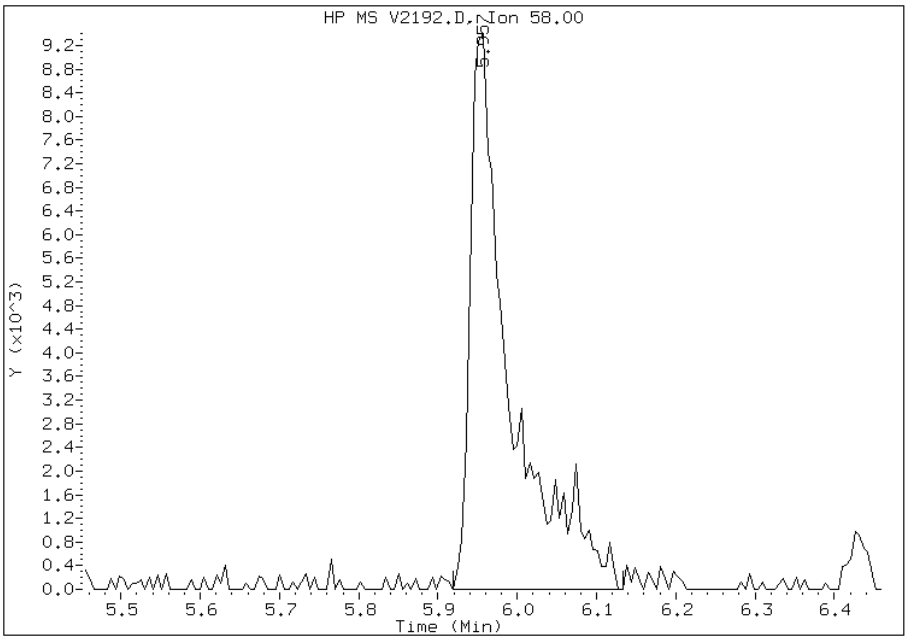
Manual Integration Results

RT: 5.96

Response: 32888

Amount: 579

Conc: 579



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

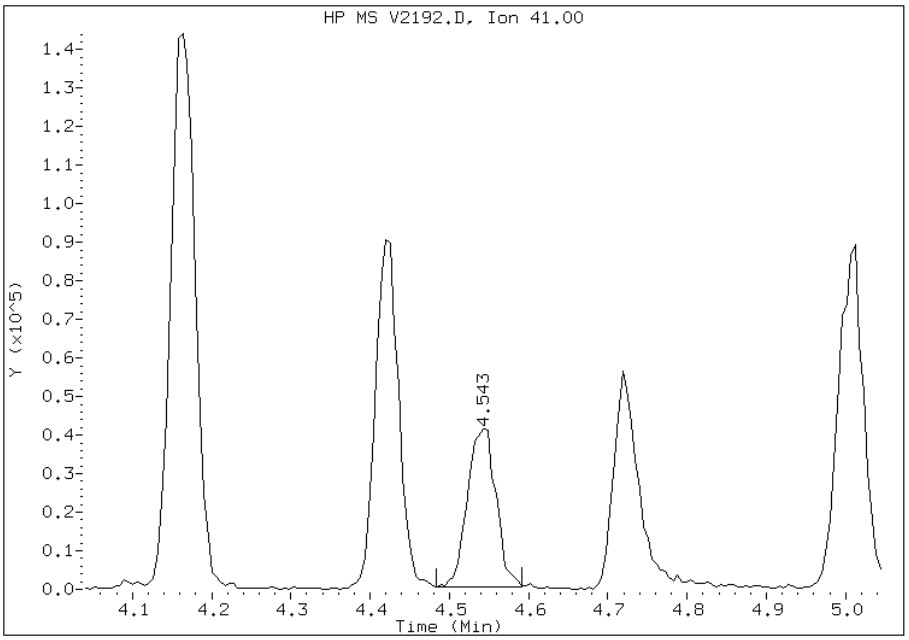
Processing Integration Results

RT: 4.54

Response: 102077

Amount: 24

Conc: 24



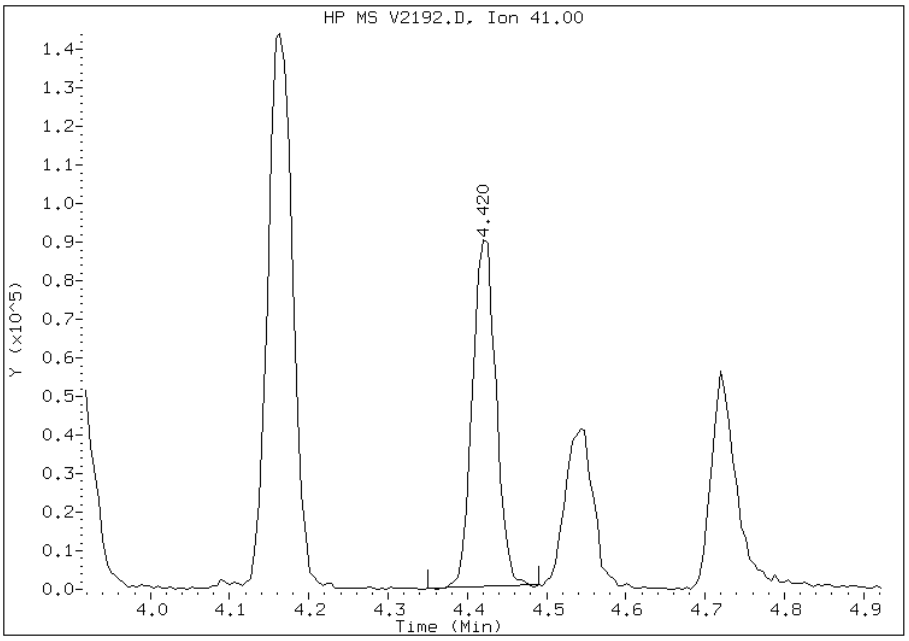
Manual Integration Results

RT: 4.42

Response: 182271

Amount: 48

Conc: 48



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

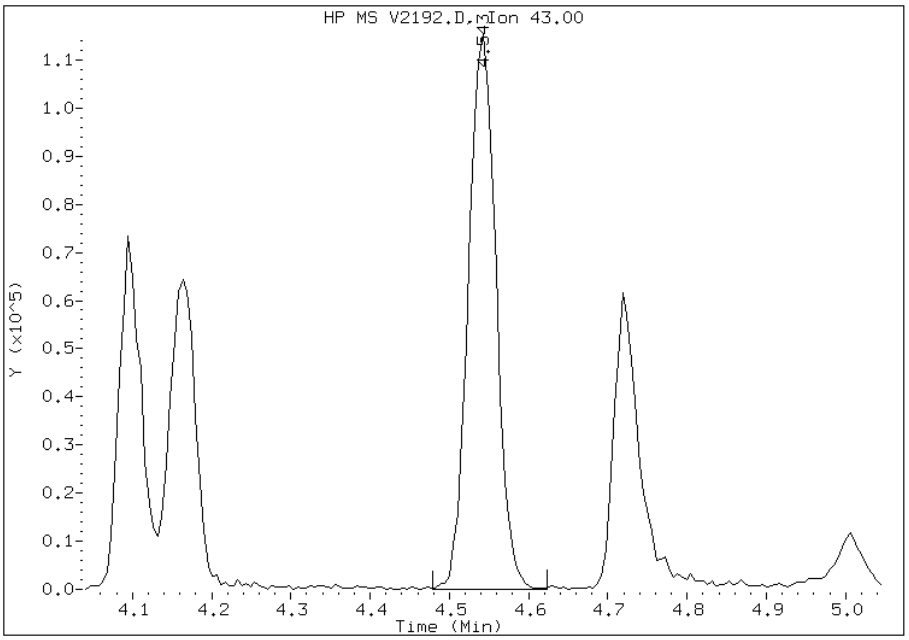
Processing Integration Results

RT: 4.54

Response: 277383

Amount: 51

Conc: 51



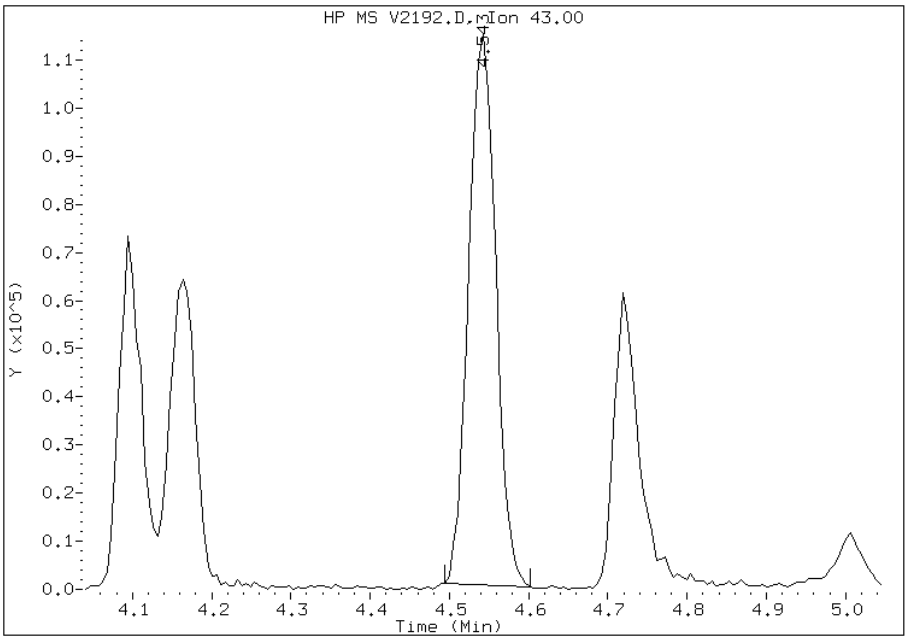
Manual Integration Results

RT: 4.54

Response: 270482

Amount: 48

Conc: 48



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

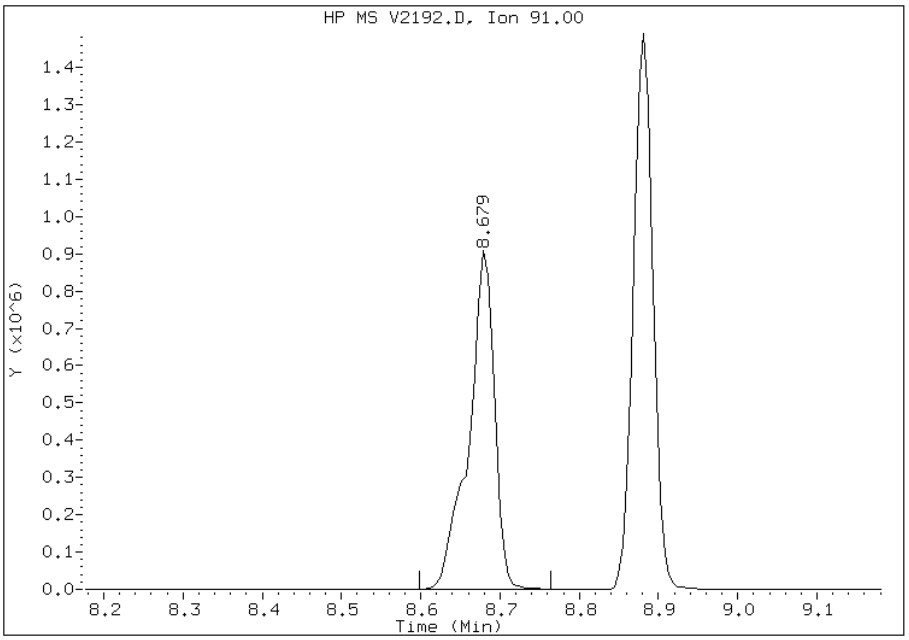
Processing Integration Results

RT: 8.68

Response: 2016934

Amount: 149

Conc: 149



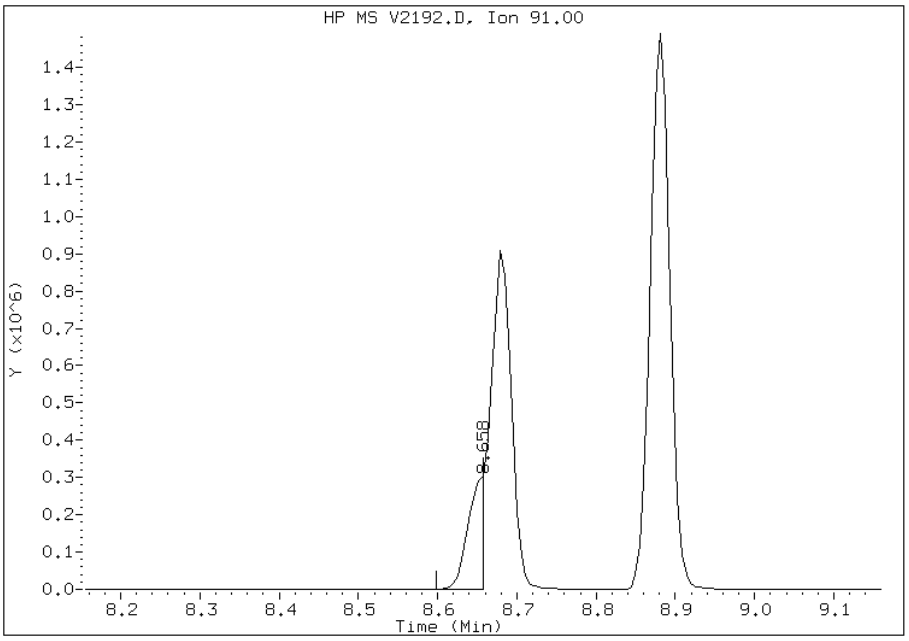
Manual Integration Results

RT: 8.66

Response: 430414

Amount: 40

Conc: 40



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

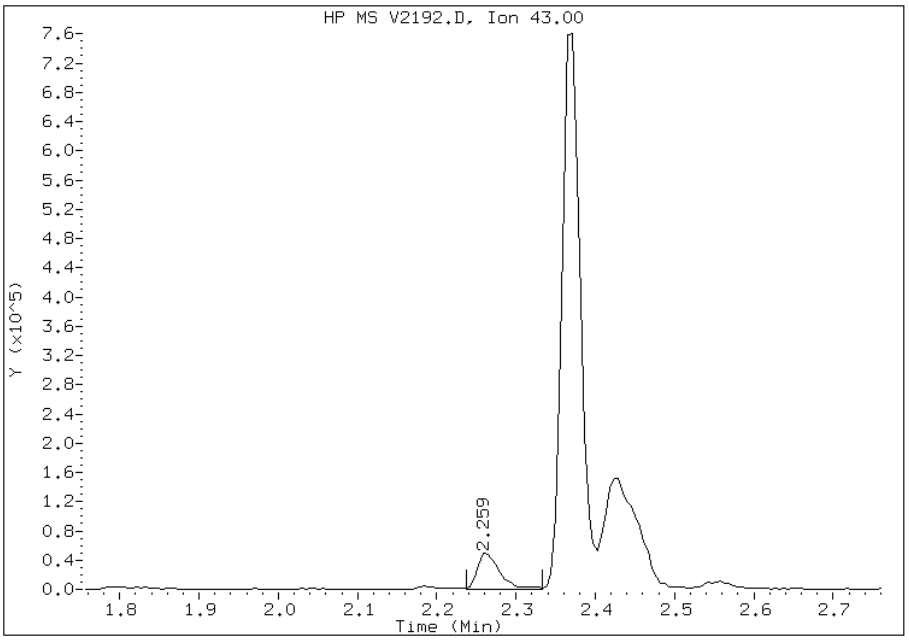
Processing Integration Results

RT: 2.26

Response: 94206

Amount: 44

Conc: 44



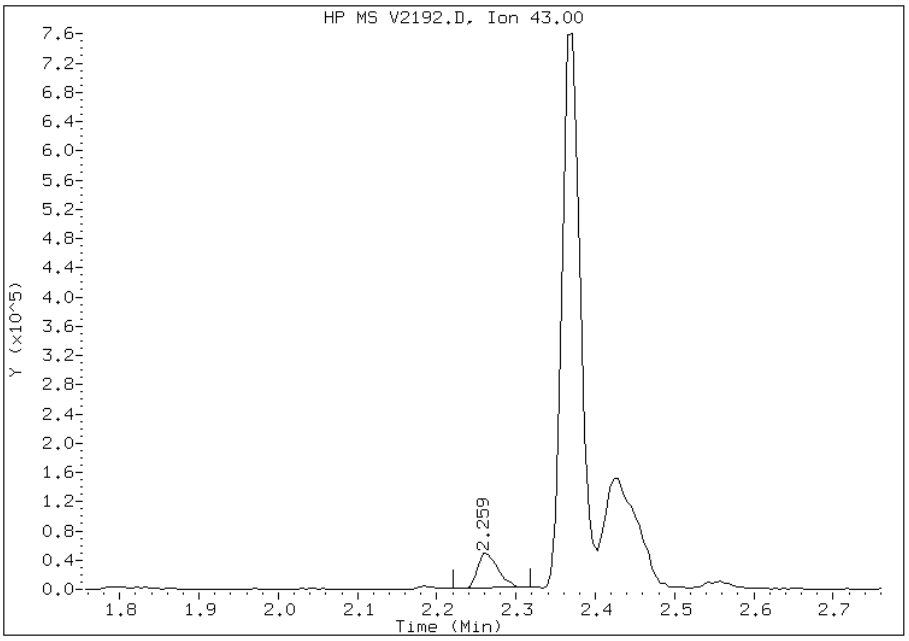
Manual Integration Results

RT: 2.26

Response: 81294

Amount: 42

Conc: 42



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2193.D
Lab Smp Id: ICIS Client Smp ID: ICIS
Inj Date : 13-JUL-2011 15:25 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : ICIS
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 14:58 Cal File: V2192.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	679987	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	125252	20.0000	21
3	Chloromethane	50	1.089	1.089	(0.225)	119895	20.0000	19
4	Vinyl Chloride	62	1.132	1.132	(0.234)	126083	20.0000	20
5	Bromomethane	94	1.324	1.324	(0.274)	67934	20.0000	20
6	Chloroethane	64	1.393	1.393	(0.288)	60994	20.0000	23
7	Trichlorofluoromethane	101	1.479	1.479	(0.306)	244237	20.0000	20
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	200210	20.0000	21
9	Ethyl Ether	45	1.676	1.676	(0.347)	68147	20.0000	21
10	Ethanol	45	1.730	1.730	(0.358)	41827	200.000	210
12	Freon 123	67	1.842	1.842	(0.381)	28157	20.0000	21
13	Trichlorotrifluoroethane	101	1.831	1.831	(0.379)	127593	20.0000	20
14	1,1-Dichloroethene	96	1.799	1.799	(0.372)	102932	20.0000	20
15	Carbon Disulfide	76	1.820	1.820	(0.377)	405172	20.0000	21
16	Iodomethane	142	1.900	1.900	(0.393)	145560	20.0000	21
17	Acrolein	56	2.034	2.034	(0.421)	95291	100.000	98
18	2-Propanol	45	2.178	2.178	(0.450)	15607	20.0000	10
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	165511	20.0000	19
20	Methylene Chloride	84	2.221	2.221	(0.459)	145254	20.0000	23
21	Acetone	43	2.258	2.258	(0.467)	31681	20.0000	17
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	130294	20.0000	21
23	Methyl Acetate	43	2.370	2.370	(0.490)	501595	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	396800	20.0000	19
	25 tert-Butyl alcohol	59	2.546	2.546	(0.527)	79248	100.000	96
	26 Acetonitrile	41	2.648	2.648	(0.548)	136503	200.000	180
	27 Isopropyl ether	45	2.808	2.808	(0.581)	381367	20.0000	20
	28 tert-Butyl ethyl ether	59	3.187	3.187	(0.659)	405270	20.0000	19
	29 2-Chloro-1,3-Butadiene	88	2.882	2.882	(0.596)	116074	20.0000	19
	30 Acrylonitrile	53	2.946	2.946	(0.609)	101669	40.0000	39
	31 1,1-Dichloroethane	63	2.904	2.904	(0.601)	229379	20.0000	20
	32 Vinyl Acetate	43	3.187	3.187	(0.659)	288013	20.0000	18
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	148086	20.0000	20
	34 2,2-Dichloropropane	77	3.566	3.566	(0.737)	205661	20.0000	19
	35 Bromochloromethane	128	3.662	3.662	(0.757)	78507	20.0000	20
	37 Cyclohexane	84	3.662	3.662	(0.757)	181127	20.0000	20
	38 Chloroform	83	3.763	3.763	(0.778)	258413	20.0000	20
	39 Ethyl Acetate	43	3.912	3.912	(0.809)	29940	40.0000	44(M)
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	124385	20.0000	19
$	41 Dibromofluoromethane	111	3.950	3.950	(0.817)	155341	20.0000	20
	42 Tetrahydrofuran	42	3.912	3.912	(0.809)	79454	40.0000	36
	43 Carbon Tetrachloride	117	3.891	3.891	(0.805)	223773	20.0000	20
	44 1,1,1-Trichloroethane	97	3.960	3.960	(0.819)	239781	20.0000	19
	45 2-Butanone	43	4.094	4.094	(0.847)	58675	20.0000	18
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	183922	20.0000	19
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	376573	20.0000	19
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	246780	20.0000	20
	50 Heptane	43	4.542	4.542	(0.939)	106646	20.0000	18(M)
	51 Propionitrile	54	4.393	4.393	(0.908)	194150	200.000	200
	52 Benzene	78	4.366	4.366	(0.903)	540185	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.419	4.419	(0.914)	72377	20.0000	18(M)
	54 Isobutyl alcohol	42	4.724	4.724	(0.977)	32647	200.000	190
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	177447	20.0000	19
	56 1,2-Dichloroethane	62	4.590	4.590	(0.949)	190970	20.0000	19
	59 Methyl Cyclohexane	83	5.006	5.006	(1.035)	227286	20.0000	19
	60 Trichloroethene	130	5.028	5.028	(1.040)	159636	20.0000	21
	63 Dibromomethane	93	5.487	5.487	(1.135)	101576	20.0000	19
	64 1,2-Dichloropropane	63	5.610	5.610	(1.160)	138896	20.0000	20
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	199523	20.0000	19
	66 Methyl Methacrylate	69	5.956	5.956	(1.232)	107583	20.0000	20
	67 1,4-Dioxane	58	5.956	5.956	(1.232)	11919	200.000	49(M)
	69 2-Chloroethylvinylether	63	6.437	6.437	(1.331)	88443	20.0000	19
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	231456	20.0000	19
	71 Chloroacetonitrile	48	6.944	6.944	(1.436)	47733	200.000	190
	72 2-Nitropropane	41	7.013	7.013	(1.450)	64876	40.0000	36
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	223342	20.0000	19
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	130949	20.0000	19
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	494648	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	612964	20.0000	21
$	77 Toluene-d8	98	6.677	6.677	(0.778)	532796	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.029	7.029	(0.820)	330039	100.000	98
	79 4-Methyl-2-Pentanone	43	7.237	7.237	(0.844)	123227	20.0000	20
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	134855	20.0000	21
	81 Ethyl Methacrylate	69	7.542	7.542	(0.879)	162277	20.0000	19
	82 Dibromochloromethane	129	7.654	7.654	(0.892)	181270	20.0000	20
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	221270	20.0000	21
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	150786	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.305	8.305	(0.968)	81718	20.0000	19
87	1-Chlorohexane	91	8.657	8.657	(1.009)	166172	20.0000	29(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	388838	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	8.700	8.700	(1.014)	165419	20.0000	21
90	Ethylbenzene	106	8.678	8.678	(1.012)	217869	20.0000	20
91	Xylene (total)mp	106	8.881	8.881	(1.035)	535050	40.0000	40
92	Xylene (total)o	106	9.399	9.399	(1.096)	240028	20.0000	19
93	Styrene	104	9.463	9.463	(1.103)	413296	20.0000	19
94	Bromoform	173	9.452	9.452	(1.102)	139794	20.0000	21
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	273776	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	583064	20.0000	21
97	Bromobenzene	156	10.098	10.098	(0.915)	187226	20.0000	22
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	172627	20.0000	22
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	637538	20.0000	21
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	52936	20.0000	22
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.944)	95436	40.0000	43
102	n-Propylbenzene	91	10.183	10.183	(0.923)	742097	20.0000	21
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	523973	20.0000	21
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	500116	20.0000	22
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	561192	20.0000	22
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	462358	20.0000	21
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	566393	20.0000	21
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	678798	20.0000	21
109	4-Isopropyltoluene	119	10.952	10.952	(0.993)	578288	20.0000	21
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	340272	20.0000	21
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	343567	20.0000	21
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	329388	20.0000	21
113	Benzyl Chloride	126	11.256	11.256	(1.020)	70099	20.0000	20
114	1,4-Diethylbenzene	119	11.251	11.251	(1.020)	279858	20.0000	19
115	n-Butylbenzene	91	11.288	11.288	(1.023)	548784	20.0000	21
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	536463	20.0000	19
119	1,2-Dibromo-3-chloropropane	75	11.992	11.992	(1.087)	37458	20.0000	20
120	Nitrobenzene	77	12.398	12.398	(1.124)	181857	200.000	130
121	1,2,4-Trichlorobenzene	180	12.494	12.494	(1.133)	269688	20.0000	20
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	130912	20.0000	22
123	Naphthalene	128	12.718	12.718	(1.153)	611207	20.0000	20
124	1,2,3-Trichlorobenzene	180	12.846	12.846	(1.164)	261096	20.0000	21
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	188991	20.0000	21
M 126	1,2-Dichloroethene (total)	100				278380	40.0000	41
M 127	Xylene (total)	100				775078	60.0000	59

QC Flag Legend

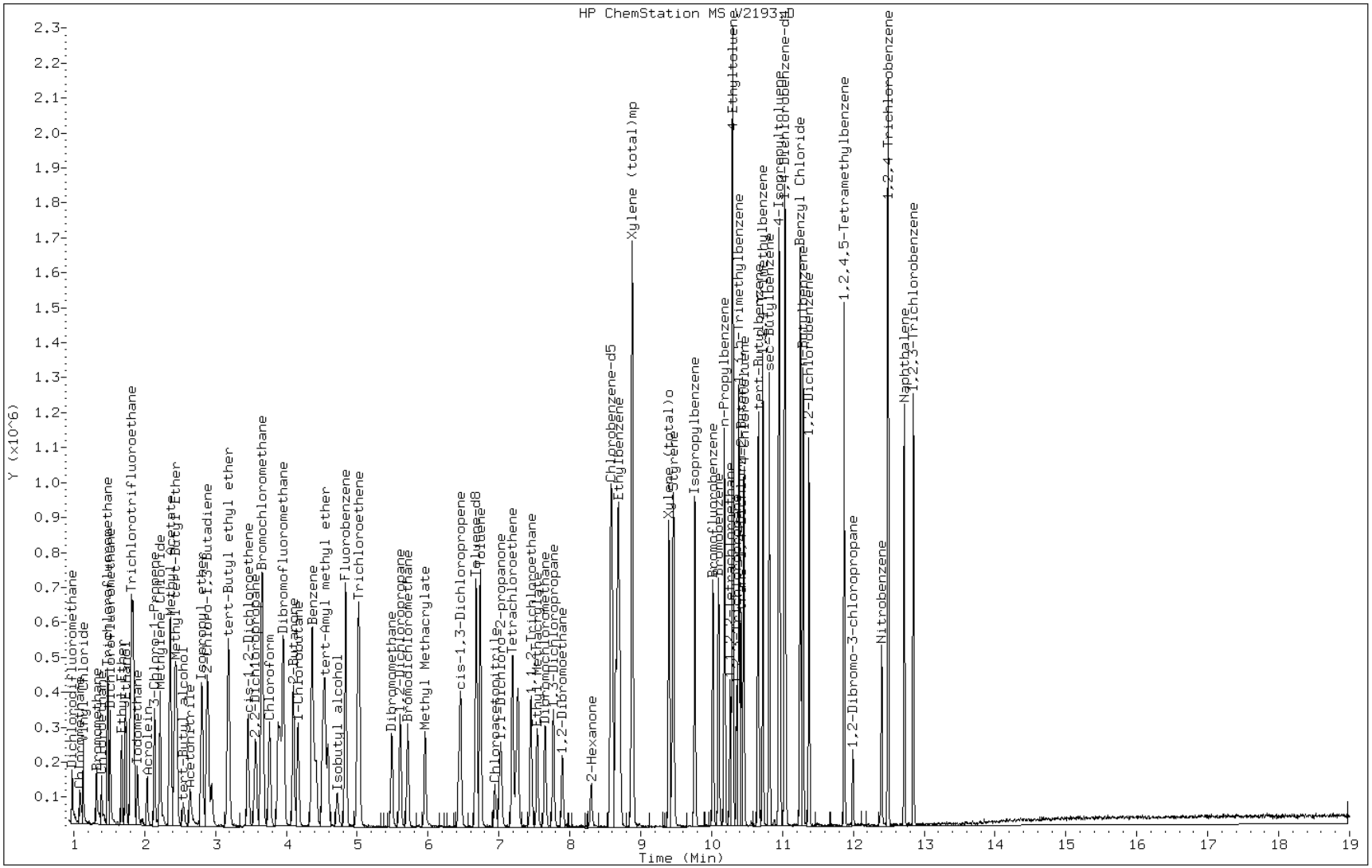
M - Compound response manually integrated.

Data File: V2193.D

Date: 13-JUL-2011 15:25

Client ID: ICIS Instrument: msv.i

Sample Info: ICIS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

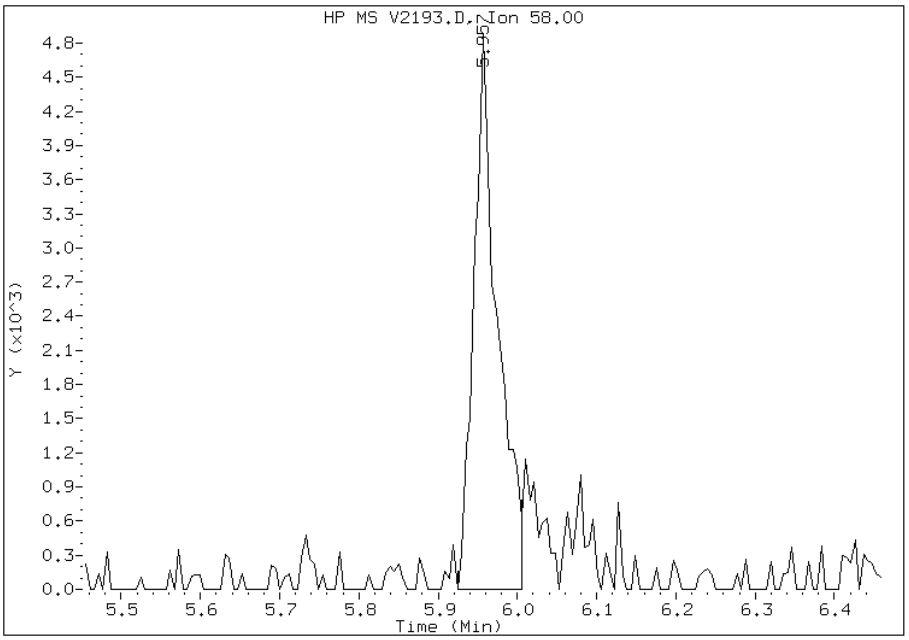
Processing Integration Results

RT: 5.96

Response: 10027

Amount: 168

Conc: 168



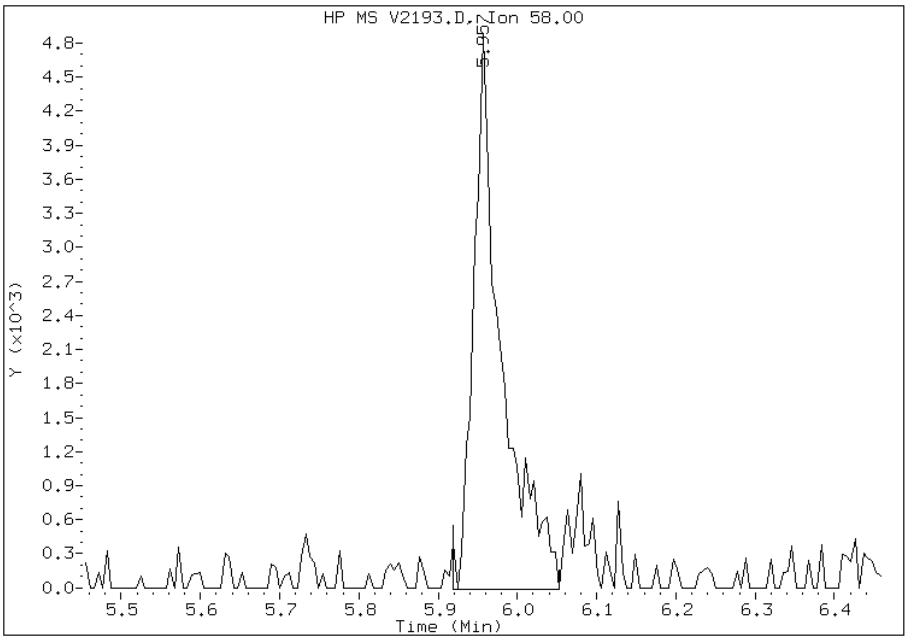
Manual Integration Results

RT: 5.96

Response: 11919

Amount: 49

Conc: 49



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

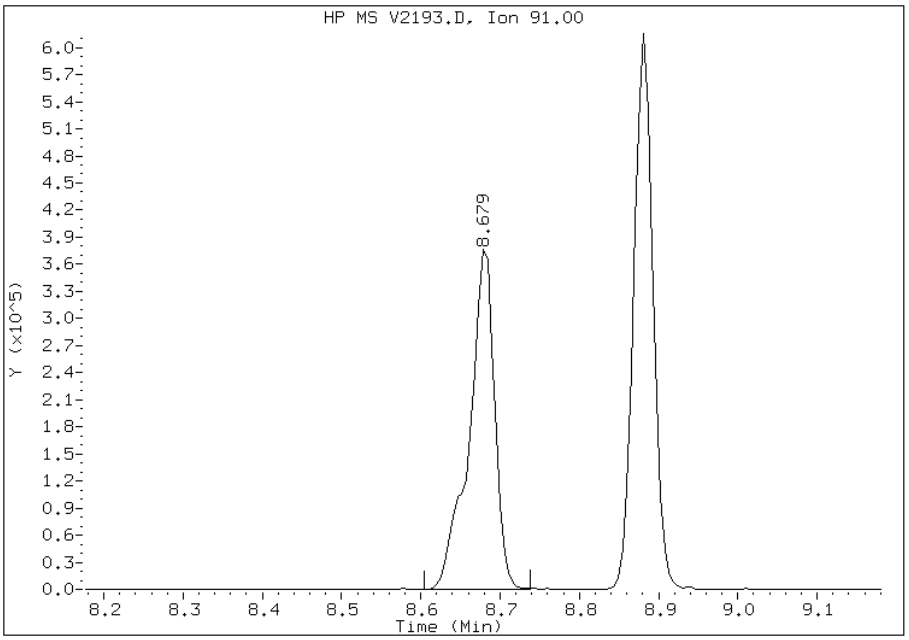
Processing Integration Results

RT: 8.68

Response: 830054

Amount: 41

Conc: 41



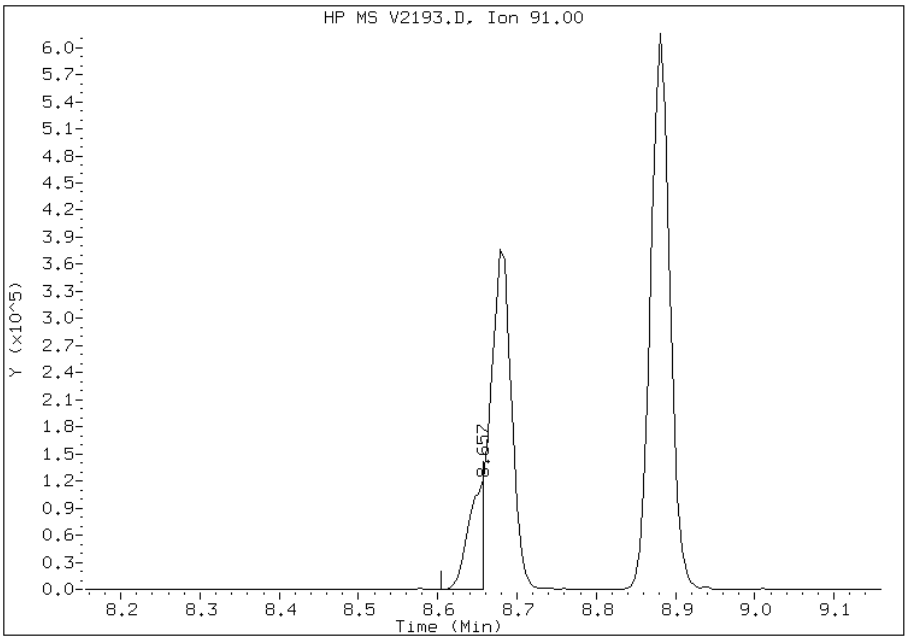
Manual Integration Results

RT: 8.66

Response: 166172

Amount: 29

Conc: 29



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

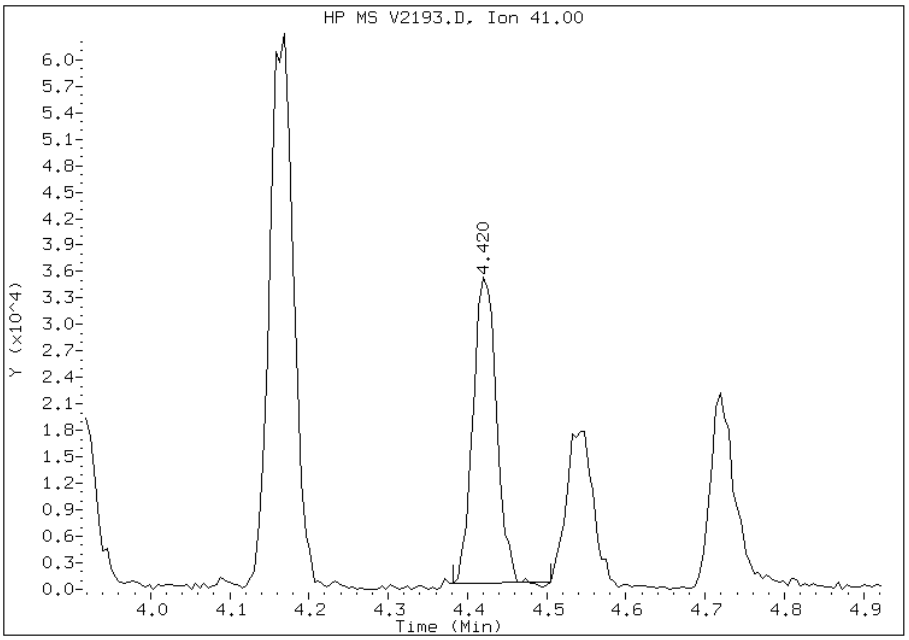
Processing Integration Results

RT: 4.42

Response: 69656

Amount: 18

Conc: 18



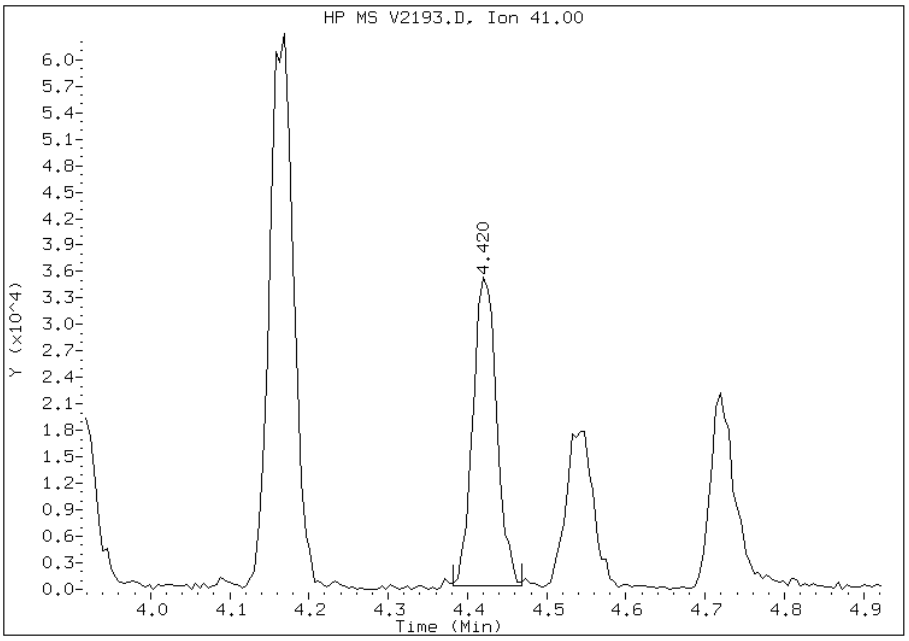
Manual Integration Results

RT: 4.42

Response: 72377

Amount: 19

Conc: 19



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

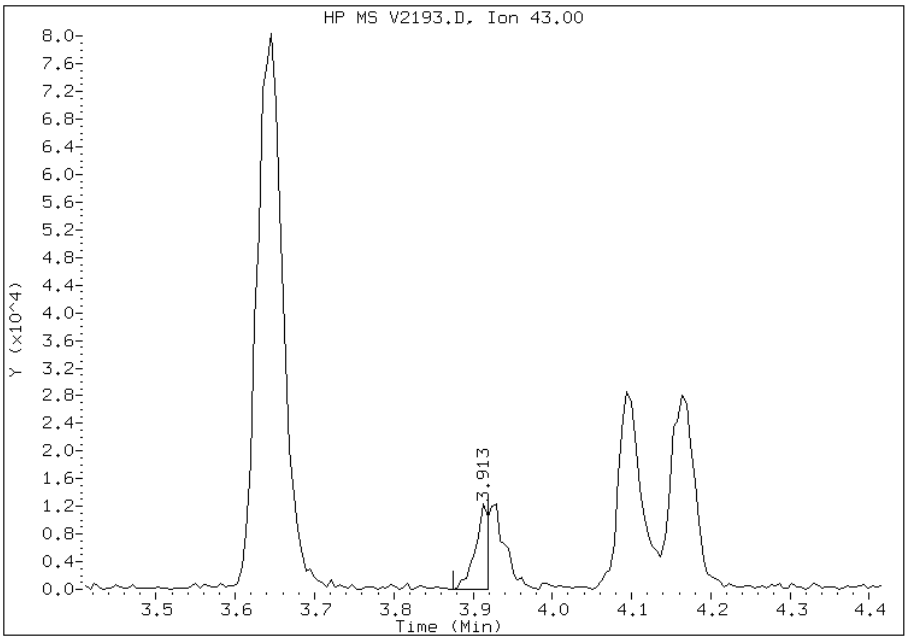
Processing Integration Results

RT: 3.91

Response: 13662

Amount: 21

Conc: 21



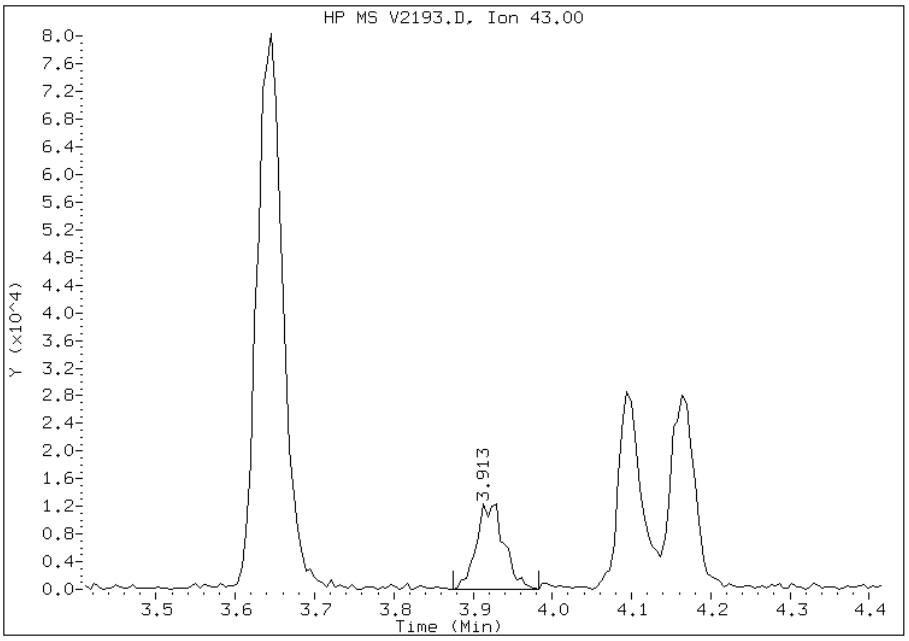
Manual Integration Results

RT: 3.91

Response: 29940

Amount: 44

Conc: 44



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

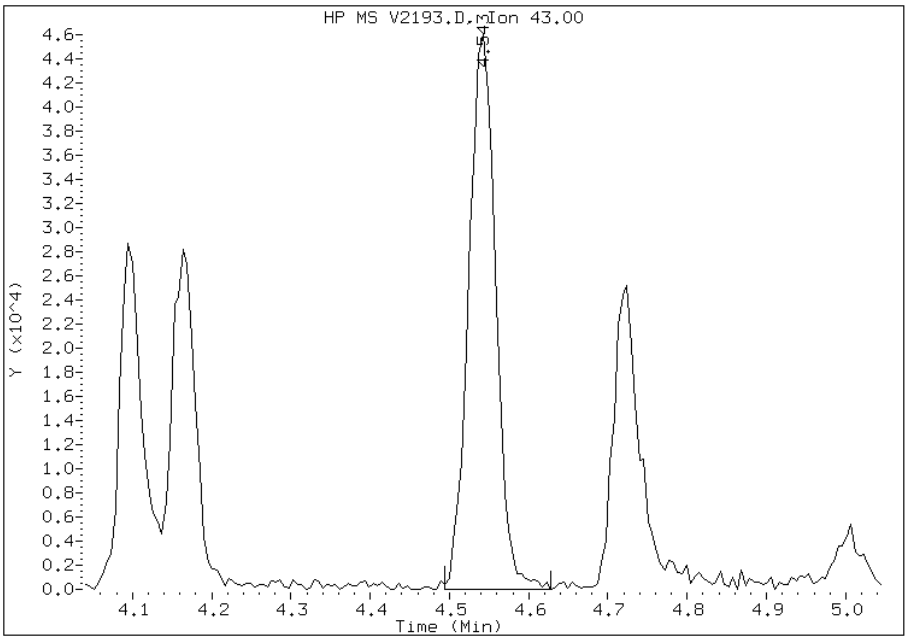
Processing Integration Results

RT: 4.54

Response: 108664

Amount: 19

Conc: 19



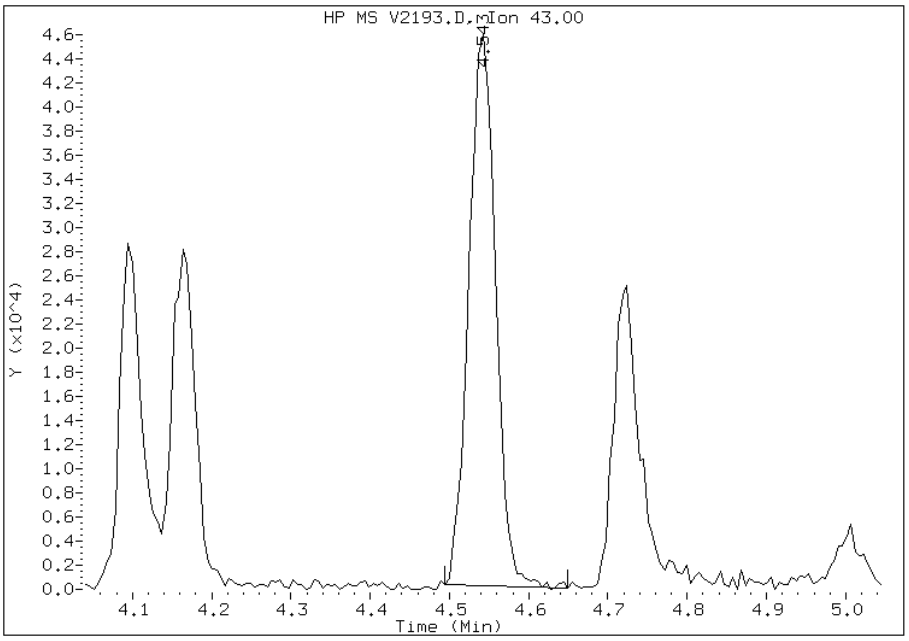
Manual Integration Results

RT: 4.54

Response: 106646

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2194.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 13-JUL-2011 15:53 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;5
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 15:25 Cal File: V2193.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	656559	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	25816	5.00000	4
3	Chloromethane	50	1.089	1.089	(0.225)	27028	5.00000	4
4	Vinyl Chloride	62	1.132	1.132	(0.234)	26754	5.00000	4
5	Bromomethane	94	1.324	1.324	(0.274)	17093	5.00000	5
6	Chloroethane	64	1.393	1.393	(0.288)	15215	5.00000	6
7	Trichlorofluoromethane	101	1.479	1.479	(0.306)	55658	5.00000	5
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	45685	5.00000	5
9	Ethyl Ether	45	1.682	1.682	(0.348)	16958	5.00000	5
10	Ethanol	45	1.735	1.735	(0.359)	8166	50.0000	54
12	Freon 123	67	1.852	1.852	(0.383)	5882	5.00000	4(M)
13	Trichlorotrifluoroethane	101	1.836	1.836	(0.380)	27460	5.00000	4
14	1,1-Dichloroethene	96	1.804	1.804	(0.373)	22966	5.00000	5
15	Carbon Disulfide	76	1.820	1.820	(0.376)	84987	5.00000	4
16	Iodomethane	142	1.900	1.900	(0.393)	31029	5.00000	7
17	Acrolein	56	2.044	2.044	(0.423)	21692	25.0000	23
18	2-Propanol	45	2.445	2.445	(0.506)	3043	5.00000	2
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	38093	5.00000	5
20	Methylene Chloride	84	2.221	2.221	(0.459)	44065	5.00000	7
21	Acetone	43	2.263	2.263	(0.468)	9085	5.00000	5
22	trans-1,2-Dichloroethene	96	2.354	2.354	(0.487)	27794	5.00000	4
23	Methyl Acetate	43	2.370	2.370	(0.490)	113731	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	93603	5.00000	5
	25 tert-Butyl alcohol	59	2.541	2.541	(0.525)	19418	25.0000	25(M)
	26 Acetonitrile	41	2.642	2.642	(0.546)	29507	50.0000	42
	27 Isopropyl ether	45	2.808	2.808	(0.581)	83809	5.00000	4
	28 tert-Butyl ethyl ether	59	3.187	3.187	(0.659)	86626	5.00000	4
	29 2-Chloro-1,3-Butadiene	88	2.882	2.882	(0.596)	24737	5.00000	4
	30 Acrylonitrile	53	2.941	2.941	(0.608)	21807	10.0000	9
	31 1,1-Dichloroethane	63	2.904	2.904	(0.601)	53002	5.00000	5
	32 Vinyl Acetate	43	3.187	3.187	(0.659)	61436	5.00000	4
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	33565	5.00000	5
	34 2,2-Dichloropropane	77	3.571	3.571	(0.738)	43612	5.00000	4
	35 Bromochloromethane	128	3.662	3.662	(0.757)	18245	5.00000	5
	37 Cyclohexane	84	3.662	3.662	(0.757)	35912	5.00000	4
	38 Chloroform	83	3.758	3.758	(0.777)	59957	5.00000	5
	39 Ethyl Acetate	43	3.923	3.923	(0.811)	6731	10.0000	14(M)
	40 Methyl Acrylate	55	3.923	3.923	(0.811)	27455	5.00000	4
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	33551	5.00000	4
	42 Tetrahydrofuran	42	3.918	3.918	(0.810)	17577	10.0000	9
	43 Carbon Tetrachloride	117	3.896	3.896	(0.806)	51012	5.00000	5
	44 1,1,1-Trichloroethane	97	3.960	3.960	(0.819)	55141	5.00000	4
	45 2-Butanone	43	4.099	4.099	(0.848)	13673	5.00000	4(M)
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	41904	5.00000	4
	47 tert-Amyl methyl ether	73	4.537	4.537	(0.938)	81213	5.00000	4
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	52407	5.00000	4
	50 Heptane	43	4.547	4.547	(0.940)	23254	5.00000	4(MH)
	51 Propionitrile	54	4.393	4.393	(0.908)	45561	50.0000	48
	52 Benzene	78	4.366	4.366	(0.903)	117875	5.00000	4
	53 2-Methyl-2-Propenenitrile	41	4.425	4.425	(0.915)	16292	5.00000	4
	54 Isobutyl alcohol	42	4.724	4.724	(0.977)	7236	50.0000	45
$	55 1,2-Dichloroethane-d4	65	4.505	4.505	(0.932)	42040	5.00000	5
	56 1,2-Dichloroethane	62	4.590	4.590	(0.949)	45930	5.00000	5
	59 Methyl Cyclohexane	83	5.012	5.012	(1.036)	46087	5.00000	4
	60 Trichloroethene	130	5.033	5.033	(1.041)	34476	5.00000	4
	63 Dibromomethane	93	5.481	5.481	(1.134)	22133	5.00000	4
	64 1,2-Dichloropropane	63	5.610	5.610	(1.160)	32316	5.00000	5(T)
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	44425	5.00000	4
	66 Methyl Methacrylate	69	5.962	5.962	(1.233)	21203	5.00000	6
	67 1,4-Dioxane	58	5.962	5.962	(1.233)	3410	50.0000	31(M)
	69 2-Chloroethylvinylether	63	6.437	6.437	(1.331)	17384	5.00000	4
	70 cis-1,3-Dichloropropene	75	6.463	6.463	(1.337)	49367	5.00000	4
	71 Chloroacetonitrile	48	6.949	6.949	(1.437)	9981	50.0000	42
	72 2-Nitropropane	41	7.008	7.008	(1.449)	16361	10.0000	10
	73 trans-1,3-Dichloropropene	75	7.264	7.264	(1.502)	50432	5.00000	4
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	30517	5.00000	5
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	481453	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	122566	5.00000	4
$	77 Toluene-d8	98	6.677	6.677	(0.778)	114338	5.00000	4
	78 1,1-Dichloro-2-propanone	43	7.029	7.029	(0.820)	76097	25.0000	23
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	24381	5.00000	4
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	30305	5.00000	5
	81 Ethyl Methacrylate	69	7.536	7.536	(0.879)	32016	5.00000	4
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	40853	5.00000	5
	83 1,3-Dichloropropane	76	7.771	7.771	(0.906)	47759	5.00000	4
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	33280	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.305	8.305	(0.968)	17292	5.00000	4
87	1-Chlorohexane	91	8.652	8.652	(1.009)	23589	5.00000	11(MH)
88	Chlorobenzene	112	8.598	8.598	(1.002)	85141	5.00000	4
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	35041	5.00000	4
90	Ethylbenzene	106	8.678	8.678	(1.012)	45301	5.00000	4
91	Xylene (total)mp	106	8.881	8.881	(1.035)	102402	10.0000	8
92	Xylene (total)o	106	9.399	9.399	(1.096)	51420	5.00000	4
93	Styrene	104	9.463	9.463	(1.103)	85368	5.00000	4
94	Bromoform	173	9.447	9.447	(1.101)	31111	5.00000	5
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	274899	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	113774	5.00000	4
97	Bromobenzene	156	10.098	10.098	(0.915)	41222	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	38815	5.00000	5
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	126879	5.00000	4
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	11815	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.944)	20879	10.0000	9
102	n-Propylbenzene	91	10.183	10.183	(0.923)	144985	5.00000	4
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	113385	5.00000	4
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	106309	5.00000	4
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	110786	5.00000	4
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	96363	5.00000	4
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	111864	5.00000	4
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	133092	5.00000	4
109	4-Isopropyltoluene	119	10.946	10.946	(0.992)	110439	5.00000	4
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	73630	5.00000	4
111	1,4-Dichlorobenzene	146	11.042	11.042	(1.001)	76522	5.00000	5
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	74518	5.00000	5
113	Benzyl Chloride	126	11.256	11.256	(1.020)	16668	5.00000	5
114	1,4-Diethylbenzene	119	11.245	11.245	(1.019)	57881	5.00000	4
115	n-Butylbenzene	91	11.288	11.288	(1.023)	109730	5.00000	4
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	106486	5.00000	4
119	1,2-Dibromo-3-chloropropane	75	11.987	11.987	(1.087)	9878	5.00000	5
120	Nitrobenzene	77	12.398	12.398	(1.124)	44868	50.0000	24
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.132)	66006	5.00000	5
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	30207	5.00000	5
123	Naphthalene	128	12.718	12.718	(1.153)	143260	5.00000	5
124	1,2,3-Trichlorobenzene	180	12.852	12.852	(1.165)	67173	5.00000	5
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	41165	5.00000	4
M 126	1,2-Dichloroethene (total)	100				61359	10.0000	9
M 127	Xylene (total)	100				153822	15.0000	12

QC Flag Legend

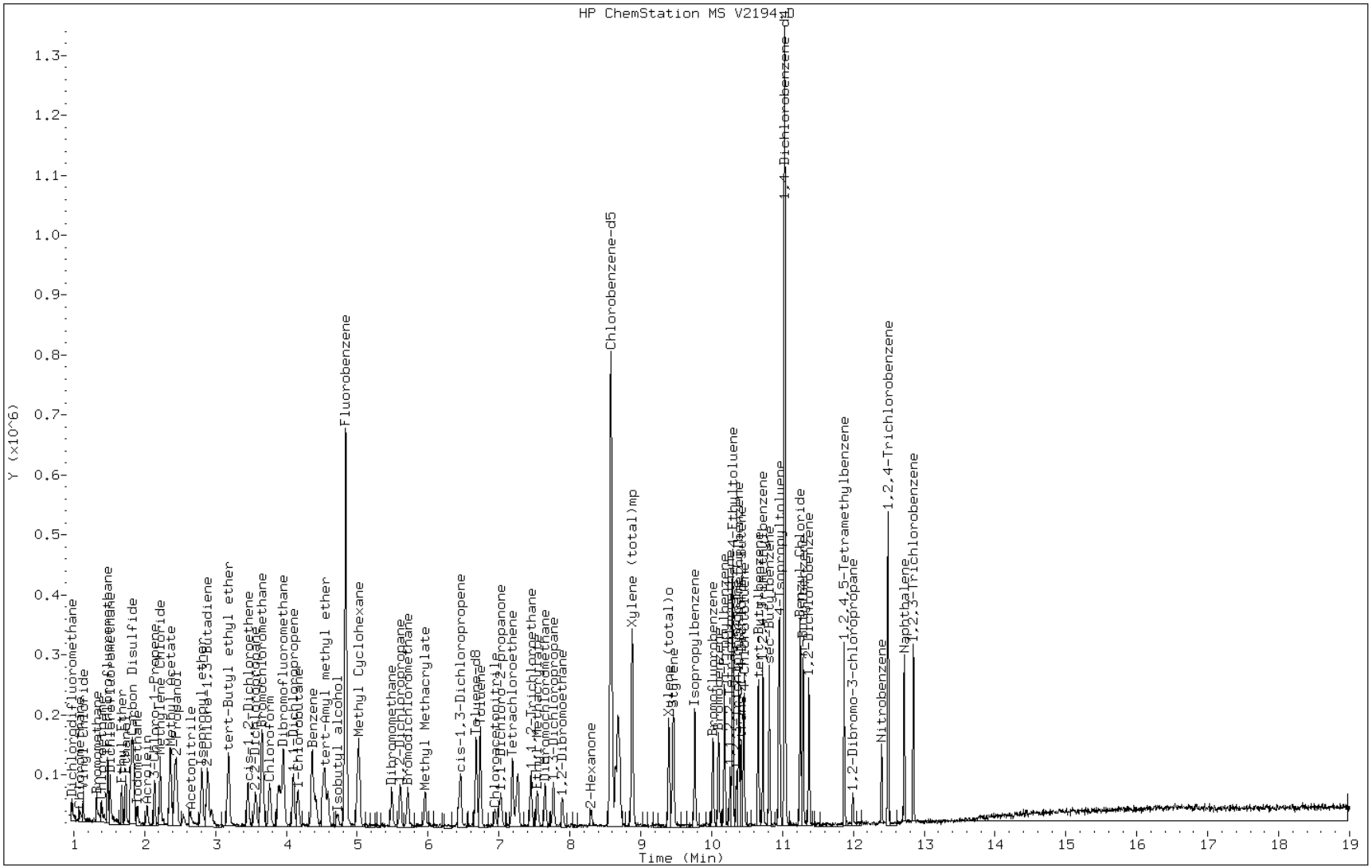
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V2194.D

Date: 13-JUL-2011 15:53

Client ID: IC;5 Instrument: msv.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 07/14/2011

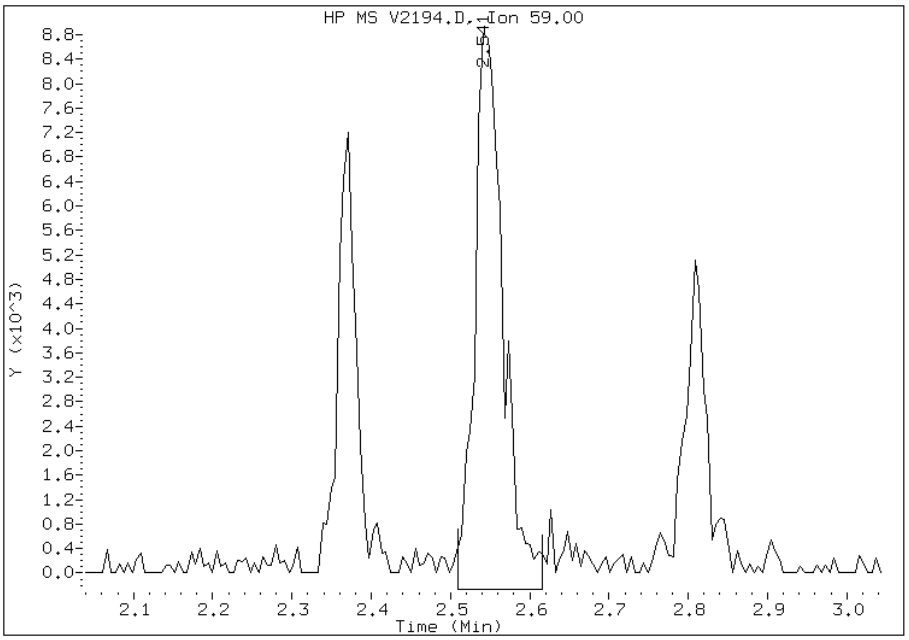
Processing Integration Results

RT: 2.54

Response: 22979

Amount: 28

Conc: 28



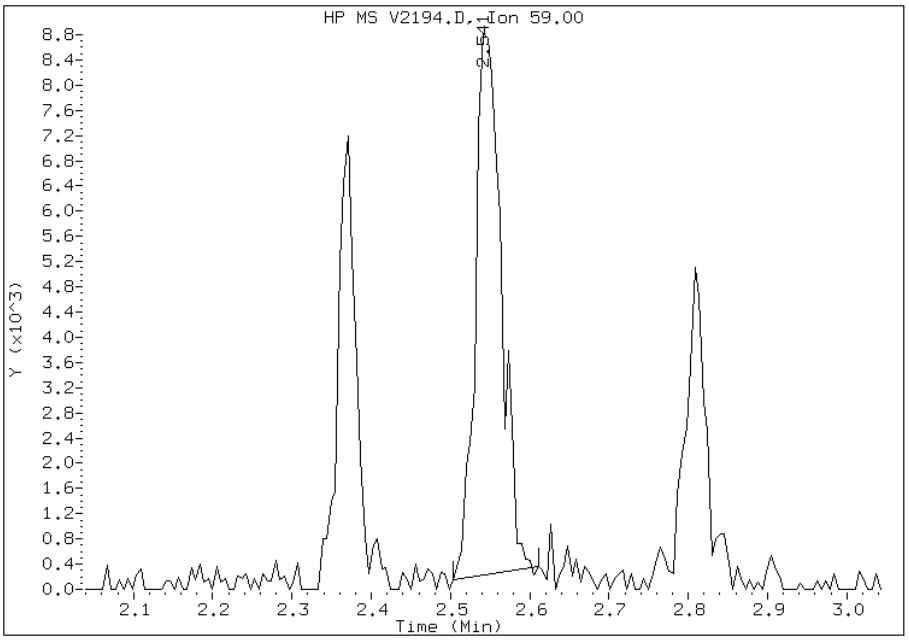
Manual Integration Results

RT: 2.54

Response: 19418

Amount: 25

Conc: 25



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

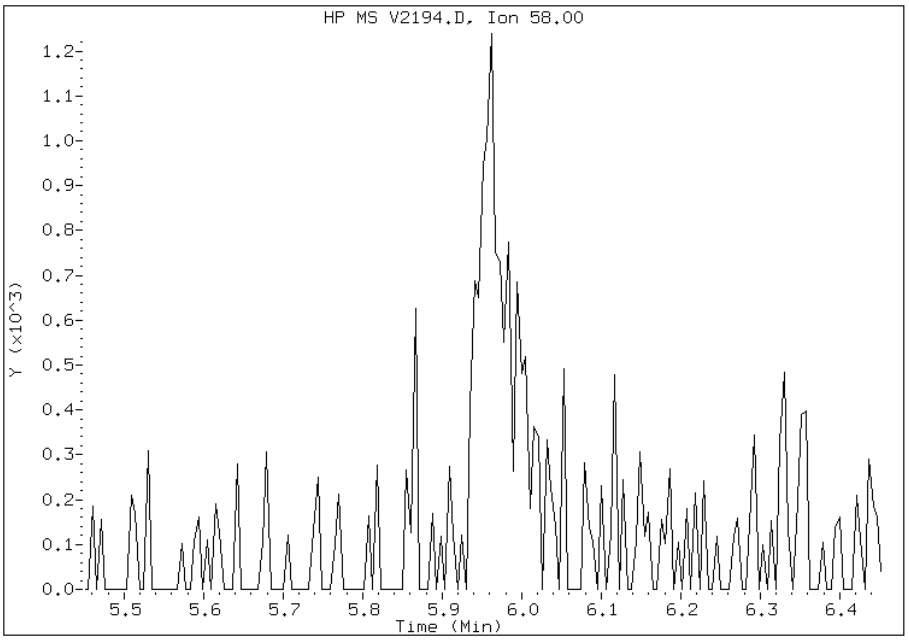
Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.95



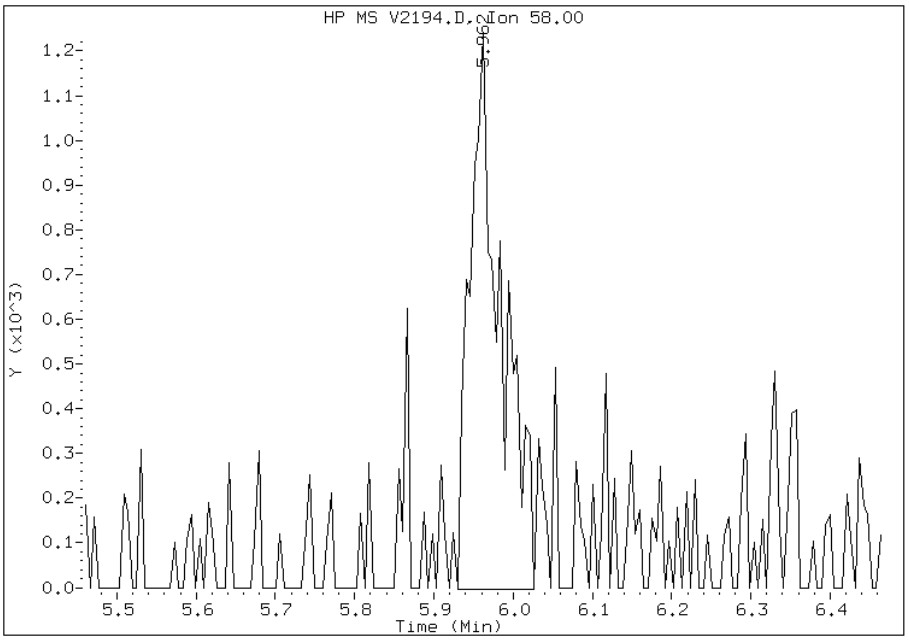
Manual Integration Results

RT: 5.96

Response: 3410

Amount: 31

Conc: 31



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 07/14/2011

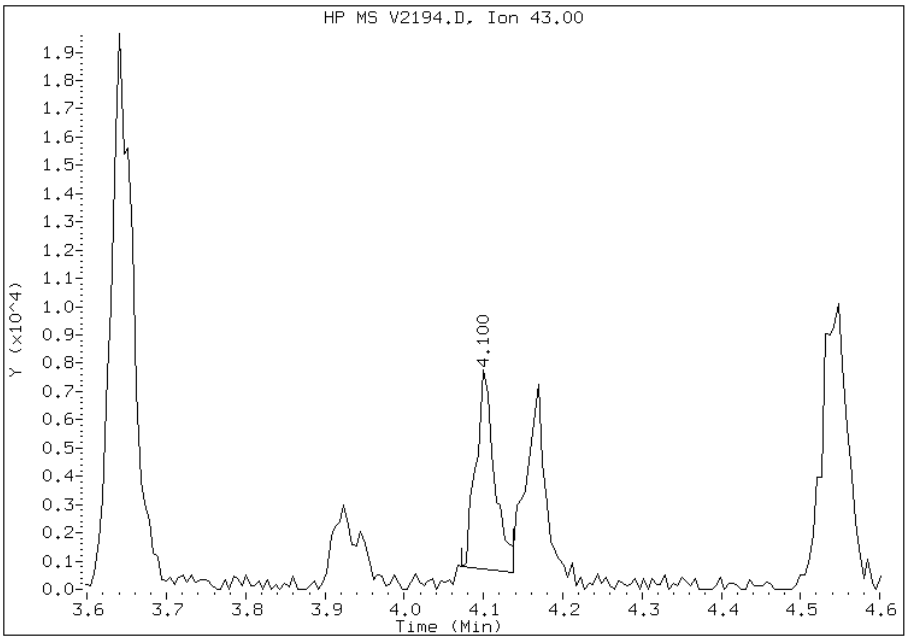
Processing Integration Results

RT: 4.10

Response: 11302

Amount: 4

Conc: 4



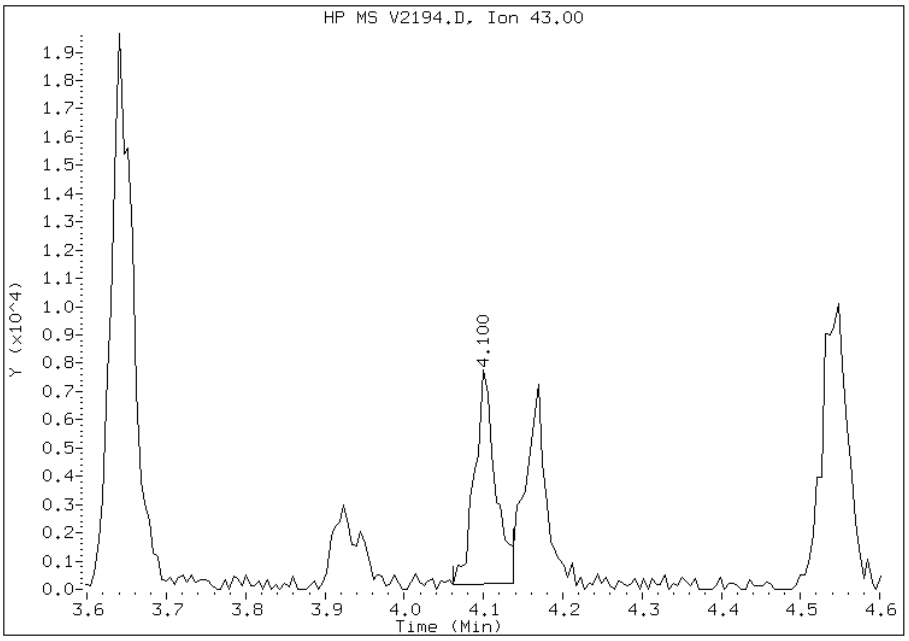
Manual Integration Results

RT: 4.10

Response: 13673

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

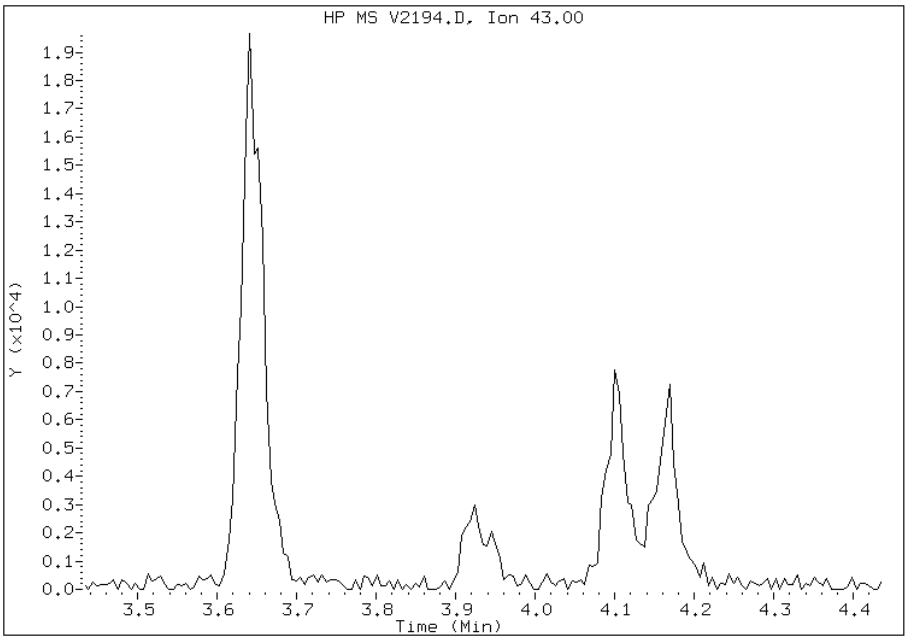
Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



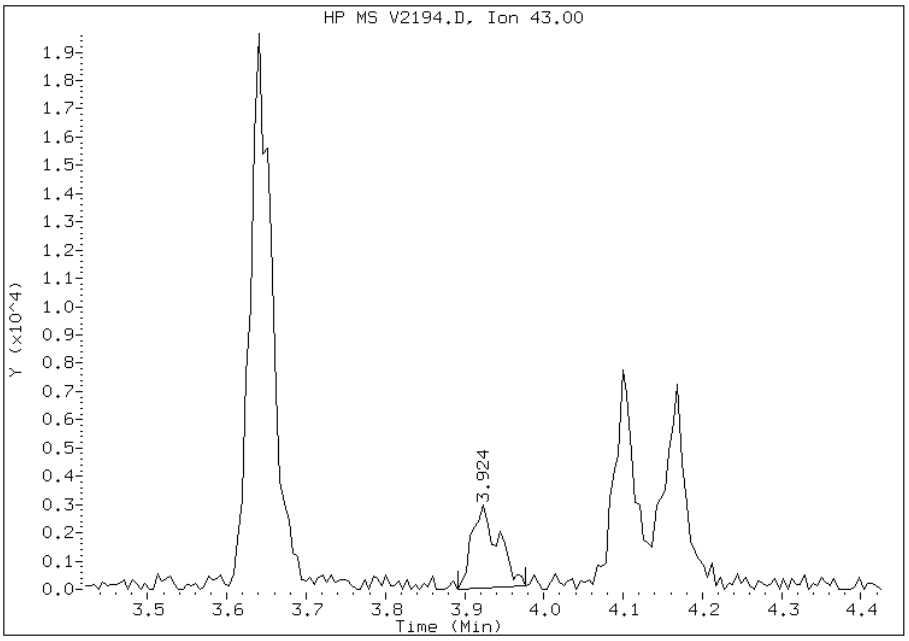
Manual Integration Results

RT: 3.92

Response: 6731

Amount: 14

Conc: 14



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

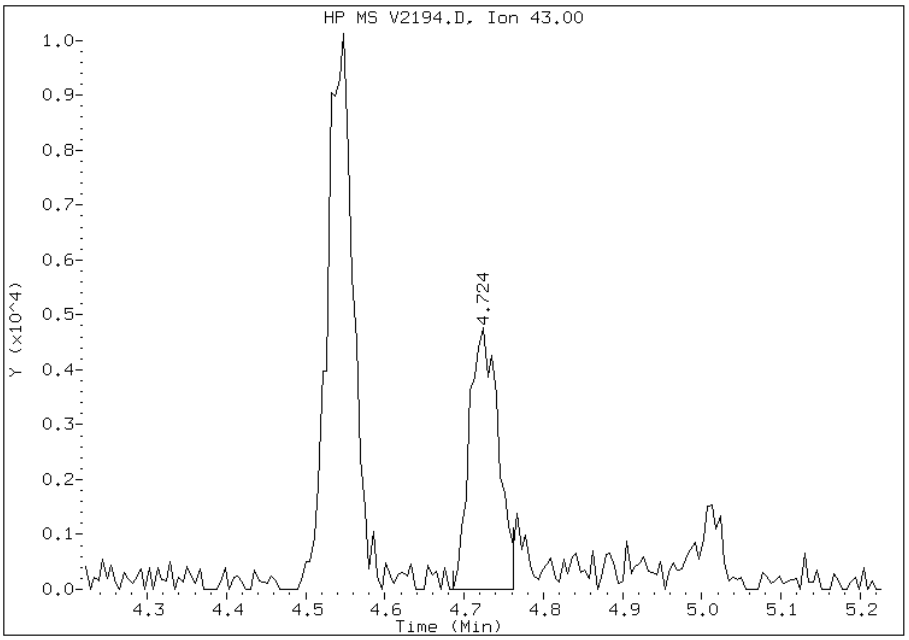
Processing Integration Results

RT: 4.72

Response: 11929

Amount: 2

Conc: 2



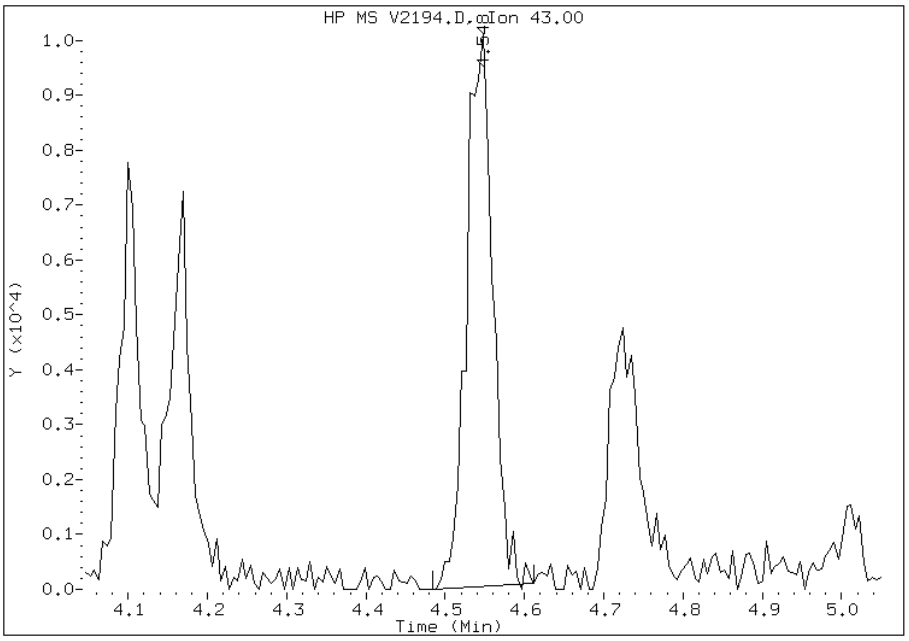
Manual Integration Results

RT: 4.55

Response: 23254

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

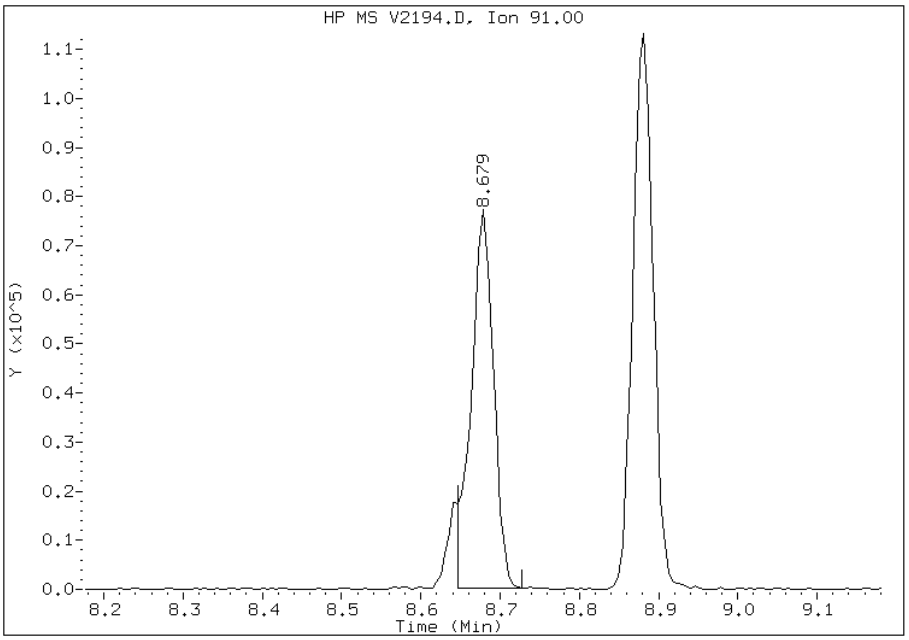
Processing Integration Results

RT: 8.68

Response: 151158

Amount: 11

Conc: 11



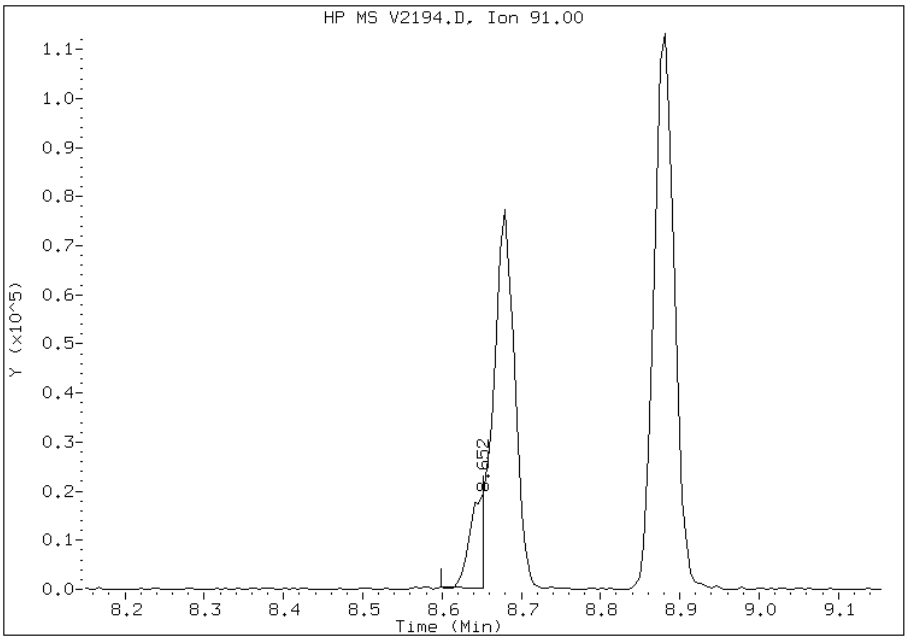
Manual Integration Results

RT: 8.65

Response: 23589

Amount: 11

Conc: 11



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2195.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 13-JUL-2011 16:20 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;2
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 15:53 Cal File: V2194.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	619400	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	11500	2.00000	2
3	Chloromethane	50	1.095	1.095	(0.226)	12230	2.00000	2
4	Vinyl Chloride	62	1.132	1.132	(0.234)	11286	2.00000	2
5	Bromomethane	94	1.319	1.319	(0.273)	7119	2.00000	2
6	Chloroethane	64	1.399	1.399	(0.289)	5932	2.00000	2
7	Trichlorofluoromethane	101	1.484	1.484	(0.307)	22927	2.00000	2
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	18013	2.00000	2(T)
9	Ethyl Ether	45	1.676	1.676	(0.347)	8328	2.00000	3
10	Ethanol	45	1.730	1.730	(0.358)	4672	20.0000	37(M)
12	Freon 123	67	1.847	1.847	(0.382)	2788	2.00000	2
13	Trichlorotrifluoroethane	101	1.831	1.831	(0.379)	11965	2.00000	2
14	1,1-Dichloroethene	96	1.804	1.804	(0.373)	8937	2.00000	2
15	Carbon Disulfide	76	1.820	1.820	(0.377)	37261	2.00000	2
16	Iodomethane	142	1.900	1.900	(0.393)	10264	2.00000	3
17	Acrolein	56	2.034	2.034	(0.421)	9319	10.0000	11
18	2-Propanol	45	2.183	2.183	(0.452)	1485	2.00000	2(M)
19	3-Chloro-1-Propene	41	2.146	2.146	(0.444)	16026	2.00000	2
20	Methylene Chloride	84	2.226	2.226	(0.460)	25289	2.00000	4
21	Acetone	43	2.263	2.263	(0.468)	5442	2.00000	3(M)
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	10607	2.00000	2
23	Methyl Acetate	43	2.370	2.370	(0.490)	49740	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	37588	2.00000	2
	25 tert-Butyl alcohol	59	2.541	2.541	(0.525)	7610	10.0000	10(M)
	26 Acetonitrile	41	2.653	2.653	(0.549)	10815	20.0000	17
	27 Isopropyl ether	45	2.813	2.813	(0.582)	33529	2.00000	2
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.658)	36085	2.00000	2
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	10338	2.00000	2
	30 Acrylonitrile	53	2.952	2.952	(0.610)	7591	4.00000	3
	31 1,1-Dichloroethane	63	2.898	2.898	(0.599)	20510	2.00000	2
	32 Vinyl Acetate	43	3.187	3.187	(0.659)	23840	2.00000	2
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	14998	2.00000	2
	34 2,2-Dichloropropane	77	3.571	3.571	(0.738)	18361	2.00000	2
	35 Bromochloromethane	128	3.662	3.662	(0.757)	6750	2.00000	2
	37 Cyclohexane	84	3.656	3.656	(0.756)	12876	2.00000	2
	38 Chloroform	83	3.763	3.763	(0.778)	25633	2.00000	2
	39 Ethyl Acetate	43	3.923	3.923	(0.811)	3115	4.00000	8(M)
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	10084	2.00000	2
$	41 Dibromofluoromethane	111	3.950	3.950	(0.817)	13778	2.00000	2
	42 Tetrahydrofuran	42	3.923	3.923	(0.811)	7868	4.00000	4(M)
	43 Carbon Tetrachloride	117	3.886	3.886	(0.804)	22709	2.00000	2
	44 1,1,1-Trichloroethane	97	3.955	3.955	(0.818)	20924	2.00000	2
	45 2-Butanone	43	4.099	4.099	(0.848)	4658	2.00000	2(TM)
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	16054	2.00000	2
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	32124	2.00000	2
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	21211	2.00000	2
	50 Heptane	43	4.542	4.542	(0.939)	9166	2.00000	2(TM)
	51 Propionitrile	54	4.393	4.393	(0.908)	16956	20.0000	19
	52 Benzene	78	4.366	4.366	(0.903)	49160	2.00000	2
	53 2-Methyl-2-Propenenitrile	41	4.430	4.430	(0.916)	7564	2.00000	2
	54 Isobutyl alcohol	42	4.734	4.734	(0.979)	3091	20.0000	21(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	17376	2.00000	2(M)
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	18500	2.00000	2
	59 Methyl Cyclohexane	83	5.001	5.001	(1.034)	22497	2.00000	2(M)
	60 Trichloroethene	130	5.033	5.033	(1.041)	13547	2.00000	2
	63 Dibromomethane	93	5.487	5.487	(1.135)	9187	2.00000	2(M)
	64 1,2-Dichloropropane	63	5.610	5.610	(1.160)	13090	2.00000	2(T)
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	18838	2.00000	2
	66 Methyl Methacrylate	69	5.951	5.951	(1.231)	8065	2.00000	3
	67 1,4-Dioxane	58	5.988	5.988	(1.238)	1760	20.0000	15(M)
	69 2-Chloroethylvinylether	63	6.431	6.431	(1.330)	6563	2.00000	2
	70 cis-1,3-Dichloropropene	75	6.453	6.453	(1.334)	21126	2.00000	2(M)
	71 Chloroacetonitrile	48	6.938	6.938	(1.435)	4767	20.0000	22(M)
	72 2-Nitropropane	41	7.002	7.002	(1.448)	6035	4.00000	4(T)
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	20912	2.00000	2
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	11304	2.00000	2(M)
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	457524	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	54476	2.00000	2
$	77 Toluene-d8	98	6.677	6.677	(0.778)	47457	2.00000	2
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	28437	10.0000	9
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	9364	2.00000	2(T)
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	12388	2.00000	2
	81 Ethyl Methacrylate	69	7.552	7.552	(0.881)	13198	2.00000	2
	82 Dibromochloromethane	129	7.643	7.643	(0.891)	15895	2.00000	2(T)
	83 1,3-Dichloropropane	76	7.771	7.771	(0.906)	20208	2.00000	2
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	12757	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.305	8.305	(0.968)	6546	2.00000	2(T)
87	1-Chlorohexane	91	8.652	8.652	(1.009)	10932	2.00000	7(M)
88	Chlorobenzene	112	8.593	8.593	(1.002)	37450	2.00000	2
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	14604	2.00000	2(T)
90	Ethylbenzene	106	8.678	8.678	(1.012)	17649	2.00000	2
91	Xylene (total)mp	106	8.881	8.881	(1.035)	43453	4.00000	4
92	Xylene (total)o	106	9.399	9.399	(1.096)	20072	2.00000	2
93	Styrene	104	9.463	9.463	(1.103)	33361	2.00000	2
94	Bromoform	173	9.447	9.447	(1.101)	12793	2.00000	2
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	252204	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	44619	2.00000	2
97	Bromobenzene	156	10.098	10.098	(0.915)	17979	2.00000	2
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	16463	2.00000	2
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	46996	2.00000	2
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	4950	2.00000	2
101	trans-1,4-Dichloro-2-Butene	53	10.423	10.423	(0.945)	8153	4.00000	4
102	n-Propylbenzene	91	10.183	10.183	(0.923)	58217	2.00000	2
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	46093	2.00000	2
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	41313	2.00000	2
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	43987	2.00000	2
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	37314	2.00000	2
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	43068	2.00000	2
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	52123	2.00000	2
109	4-Isopropyltoluene	119	10.946	10.946	(0.992)	44525	2.00000	2
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	30119	2.00000	2
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	32143	2.00000	2
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	30218	2.00000	2
113	Benzyl Chloride	126	11.256	11.256	(1.020)	5721	2.00000	2
114	1,4-Diethylbenzene	119	11.245	11.245	(1.019)	23530	2.00000	2
115	n-Butylbenzene	91	11.288	11.288	(1.023)	44181	2.00000	2
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	45993	2.00000	2
119	1,2-Dibromo-3-chloropropane	75	11.987	11.987	(1.087)	4140	2.00000	2
120	Nitrobenzene	77	12.398	12.398	(1.124)	19092	20.0000	11
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.132)	24390	2.00000	2
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	12946	2.00000	2
123	Naphthalene	128	12.718	12.718	(1.153)	56820	2.00000	2
124	1,2,3-Trichlorobenzene	180	12.852	12.852	(1.165)	27528	2.00000	2
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	17840	2.00000	2
M 126	1,2-Dichloroethene (total)	100				25605	4.00000	4
M 127	Xylene (total)	100				63525	6.00000	6

QC Flag Legend

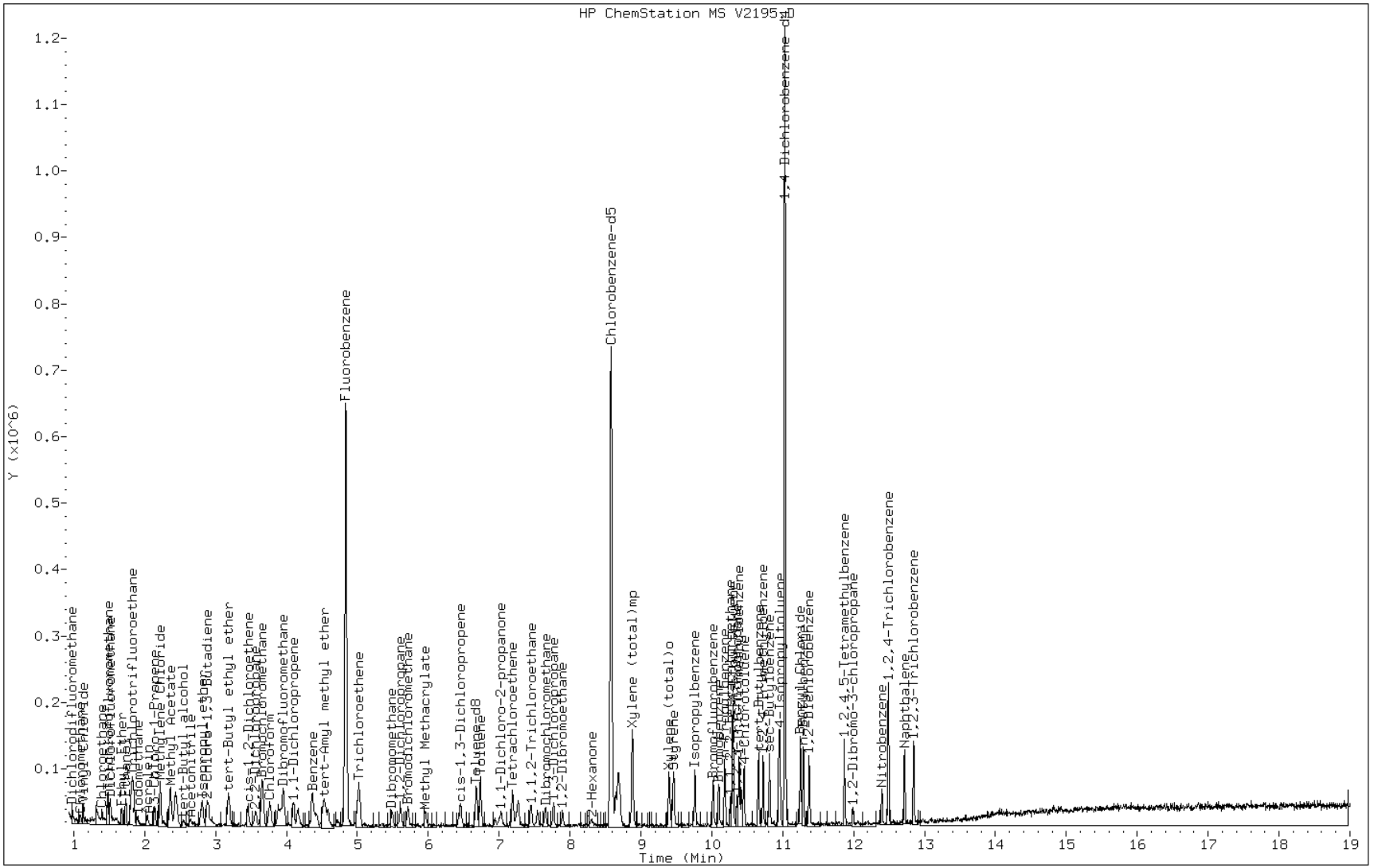
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: V2195.D

Date: 13-JUL-2011 16:20

Client ID: IC;2 Instrument: msv.i

Sample Info: IC;2 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

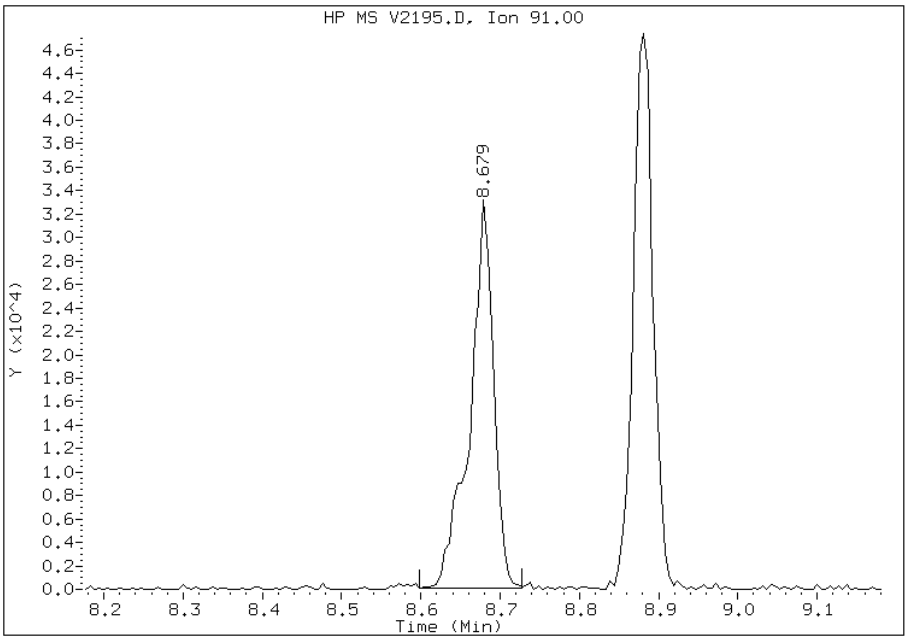
Processing Integration Results

RT: 8.68

Response: 67667

Amount: 5

Conc: 5



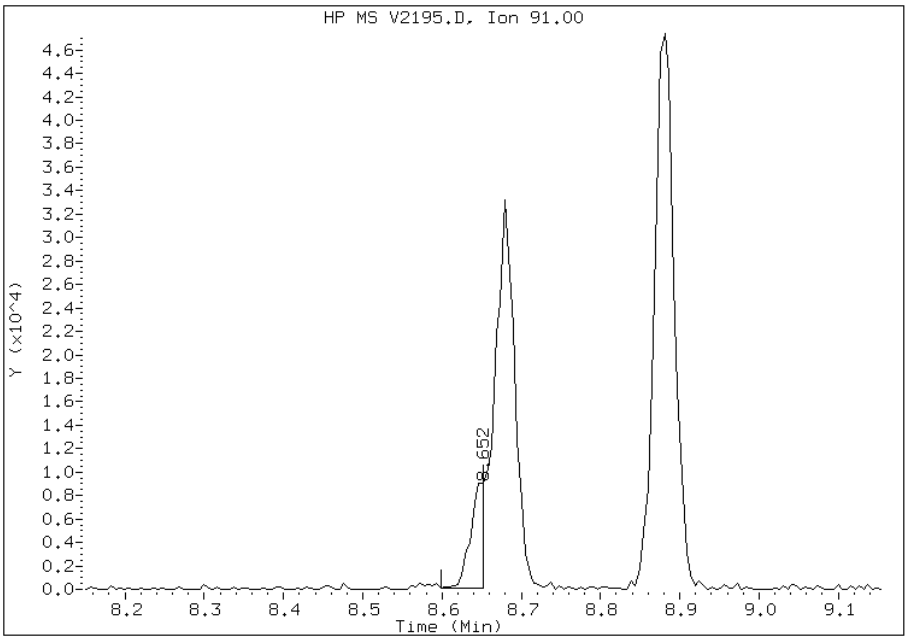
Manual Integration Results

RT: 8.65

Response: 10932

Amount: 7

Conc: 7



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/14/2011

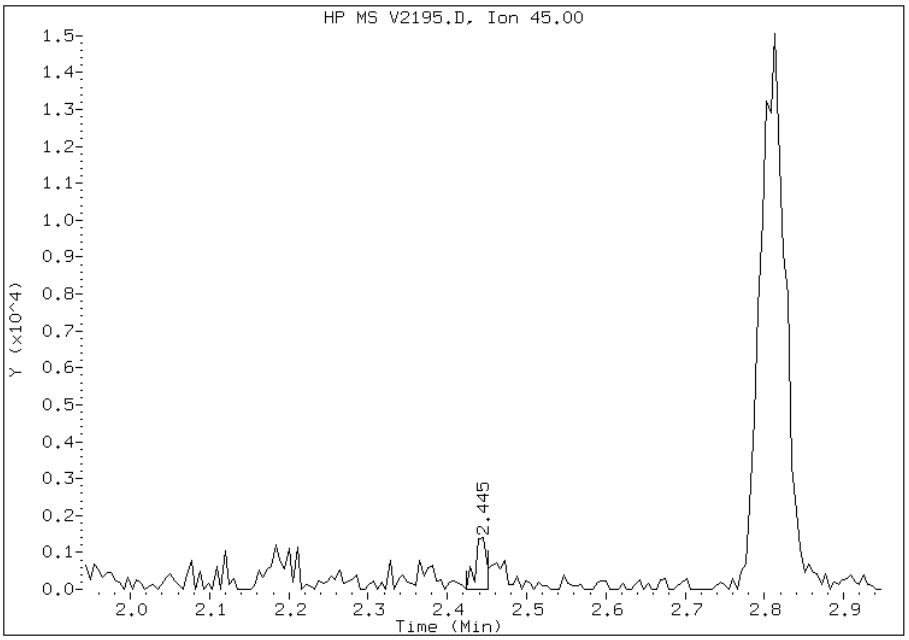
Processing Integration Results

RT: 2.45

Response: 1316

Amount: 2

Conc: 2



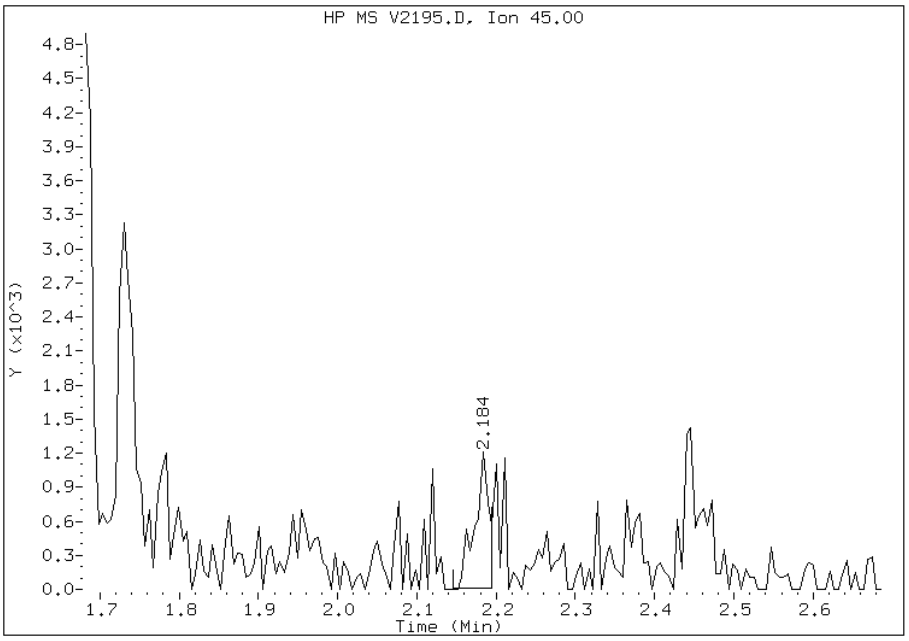
Manual Integration Results

RT: 2.18

Response: 1485

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 07/14/2011

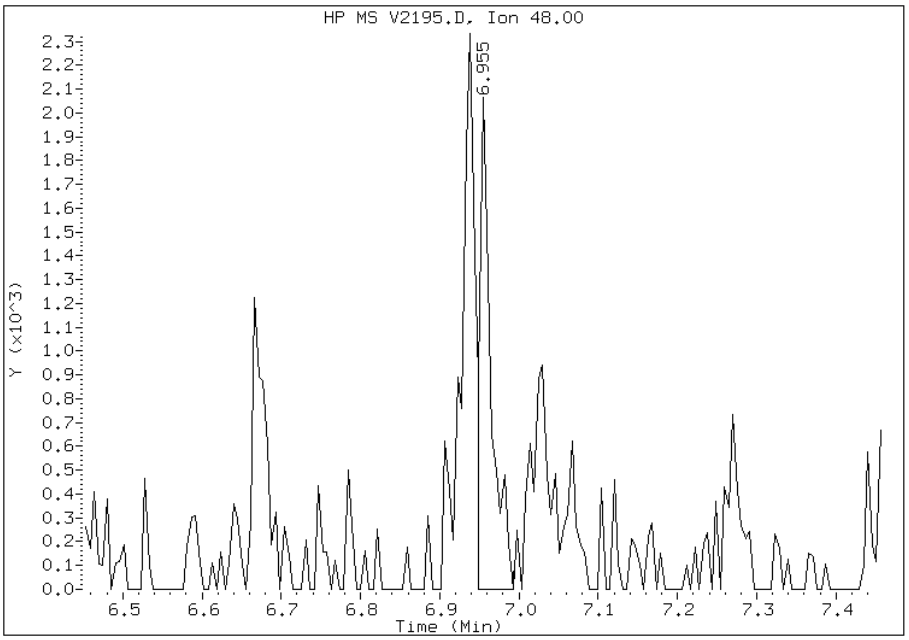
Processing Integration Results

RT: 6.95

Response: 2050

Amount: 11

Conc: 11



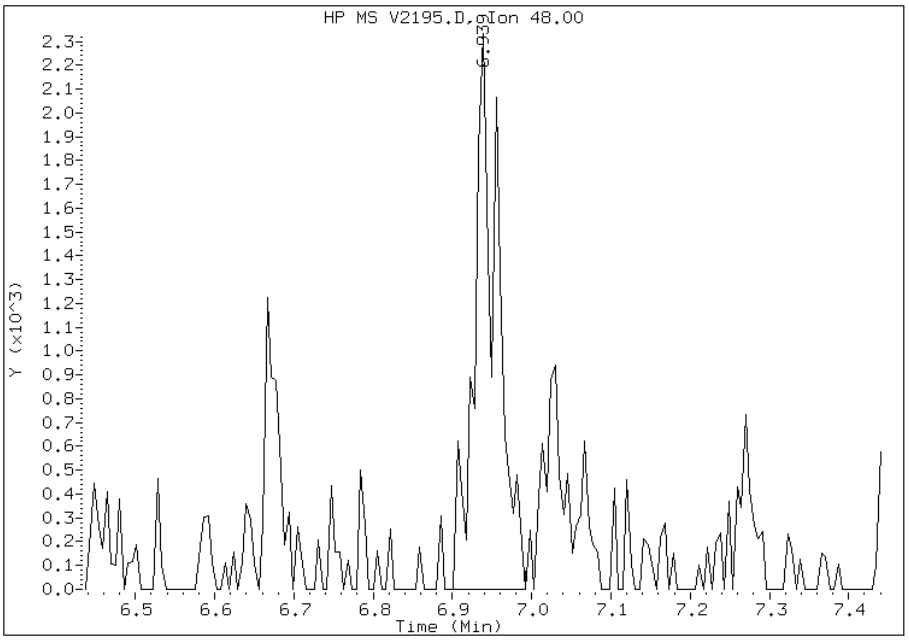
Manual Integration Results

RT: 6.94

Response: 4767

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

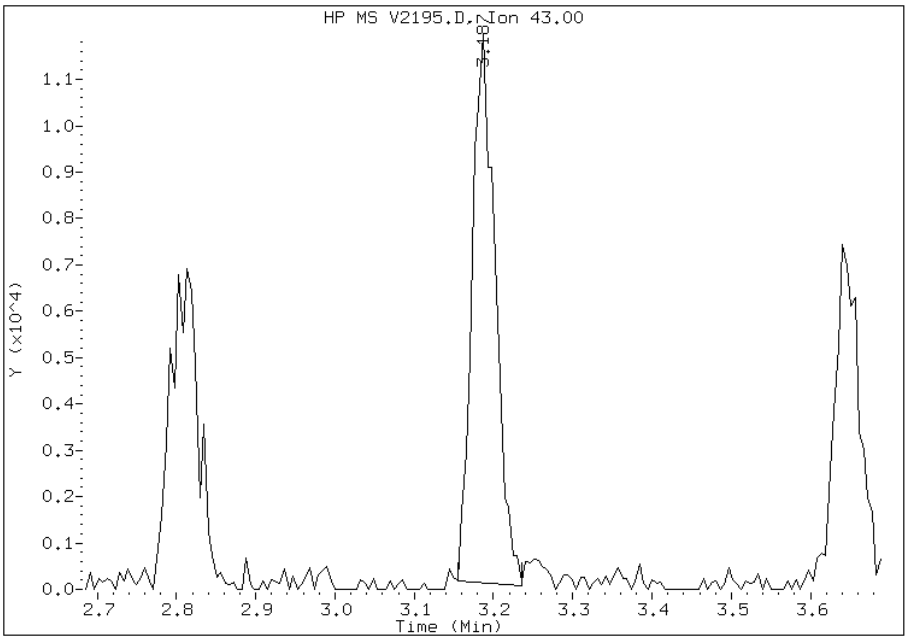
Processing Integration Results

RT: 3.19

Response: 23840

Amount: 2

Conc: 2



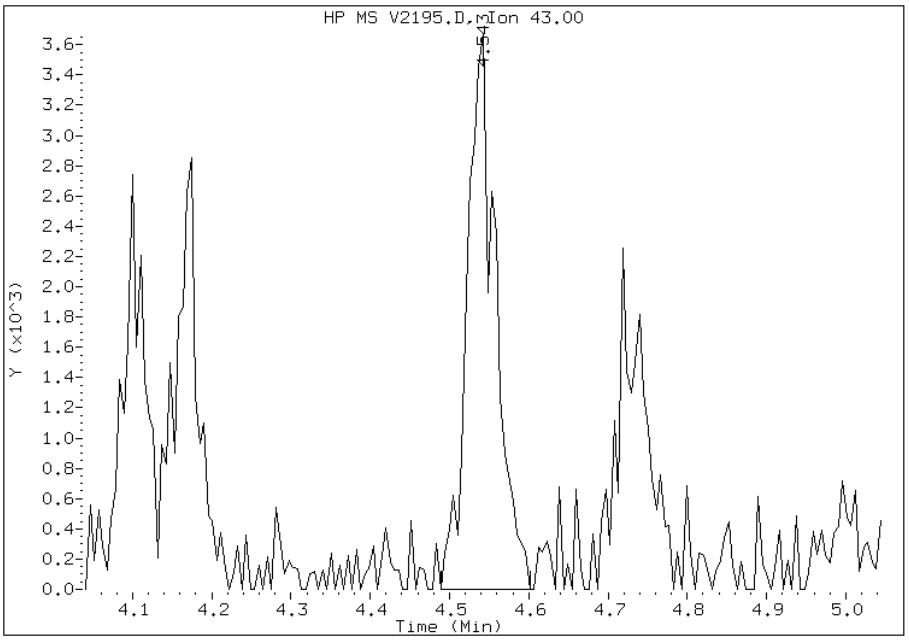
Manual Integration Results

RT: 4.54

Response: 9166

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 07/14/2011

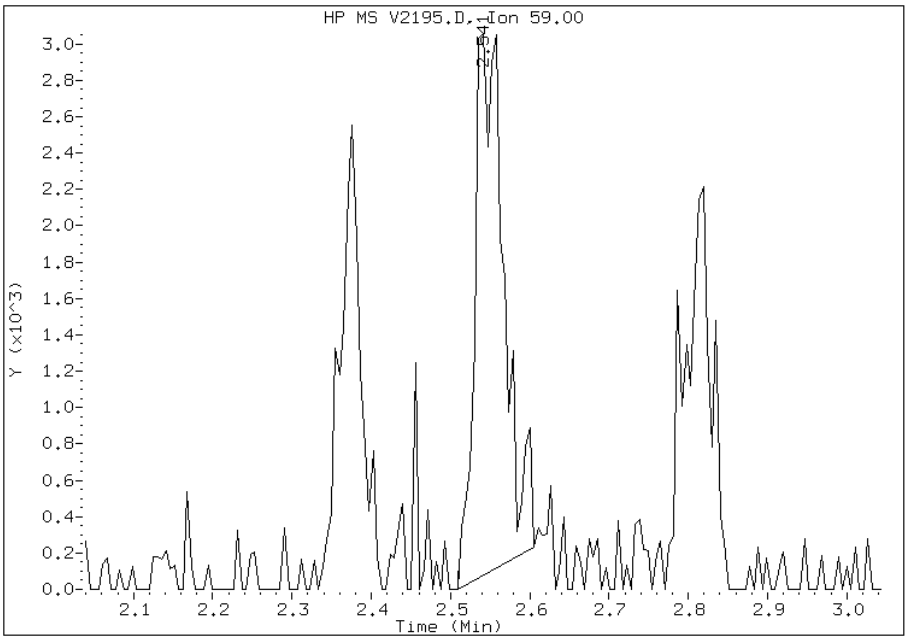
Processing Integration Results

RT: 2.54

Response: 7610

Amount: 10

Conc: 10



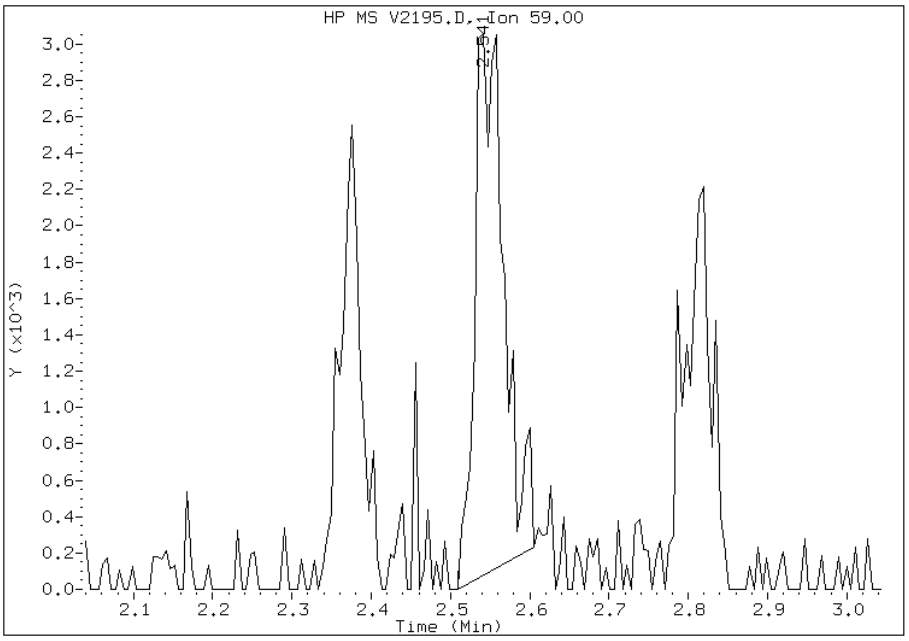
Manual Integration Results

RT: 2.54

Response: 7610

Amount: 10

Conc: 10



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 63 Dibromomethane
CAS #: 74-95-3
Report Date: 07/14/2011

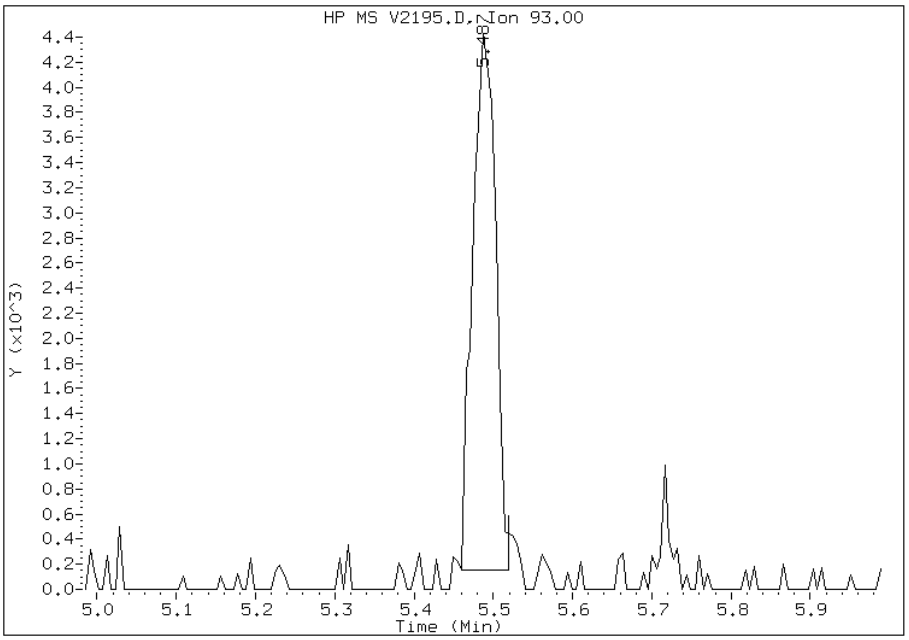
Processing Integration Results

RT: 5.49

Response: 8523

Amount: 2

Conc: 2



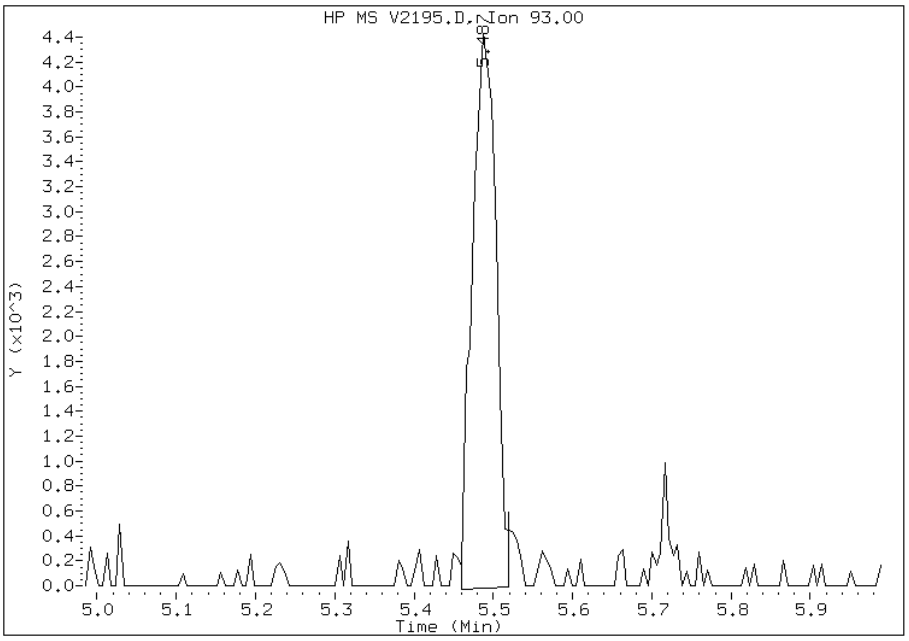
Manual Integration Results

RT: 5.49

Response: 9187

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

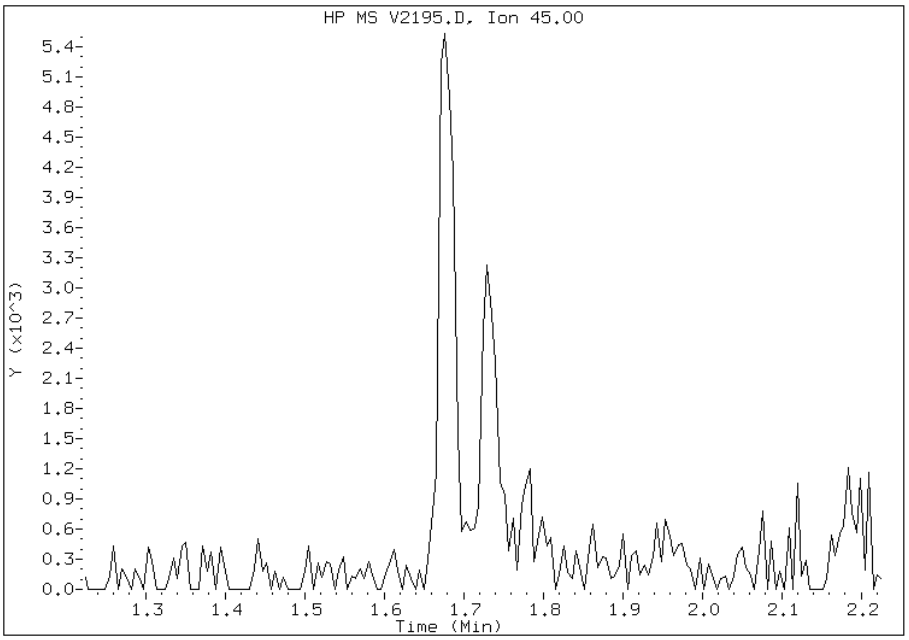
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.72



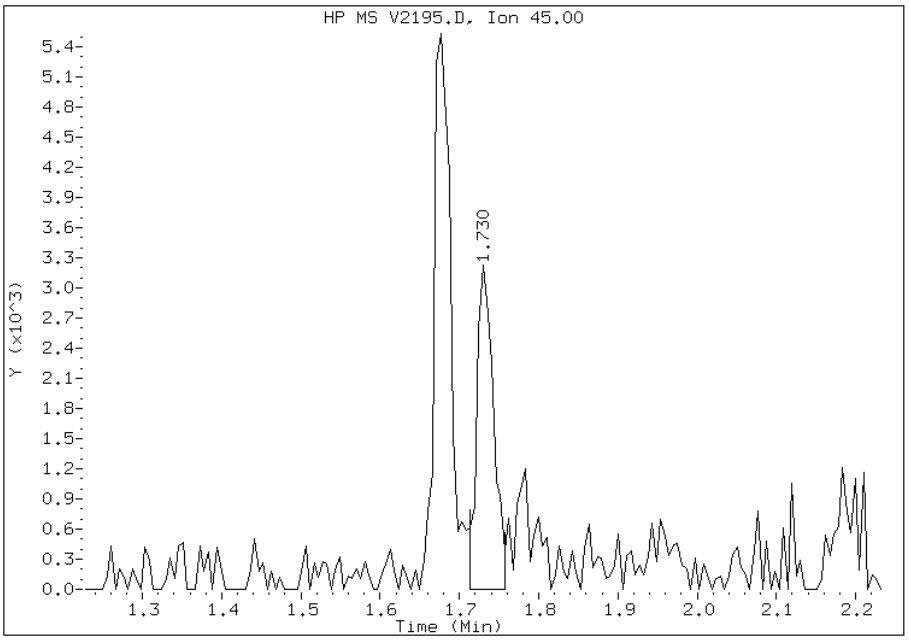
Manual Integration Results

RT: 1.73

Response: 4672

Amount: 37

Conc: 37



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

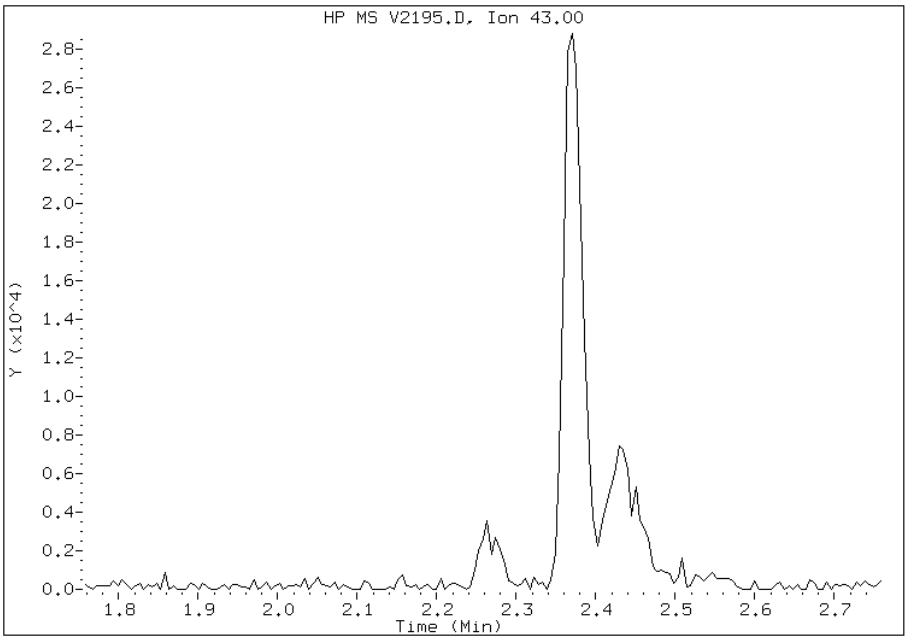
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.26



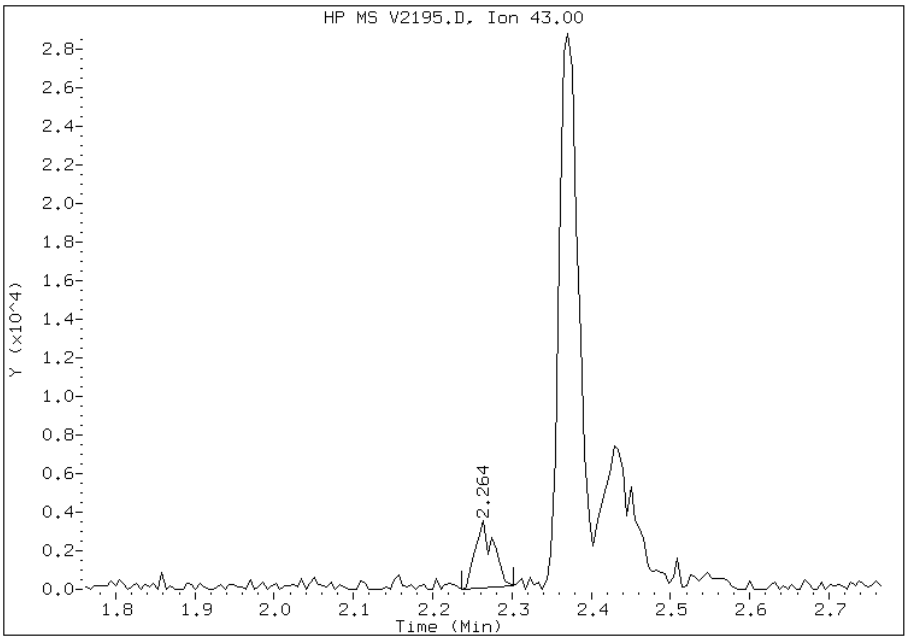
Manual Integration Results

RT: 2.26

Response: 5442

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 70 cis-1,3-Dichloropropene
CAS #: 10061-01-5
Report Date: 07/14/2011

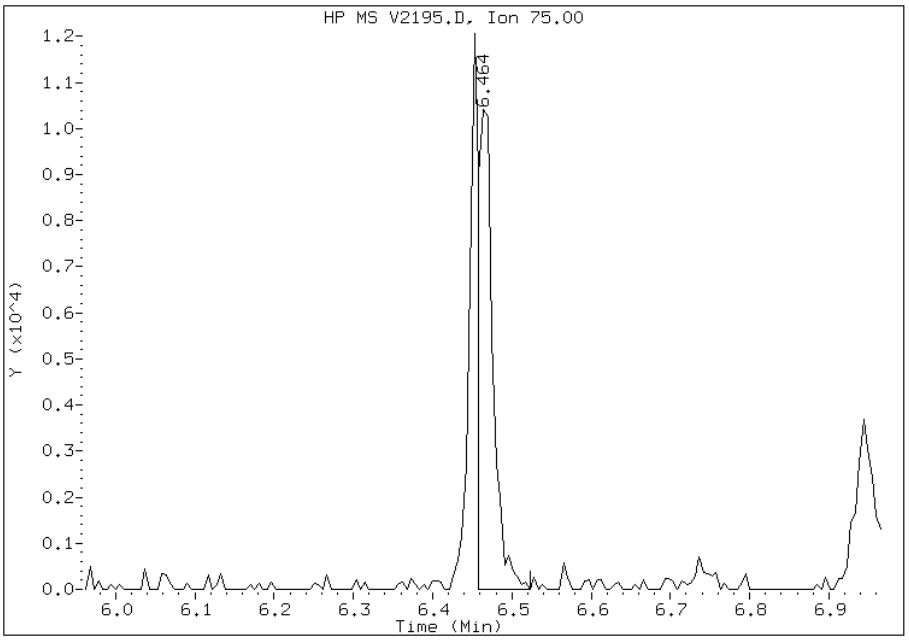
Processing Integration Results

RT: 6.46

Response: 13465

Amount: 1

Conc: 1



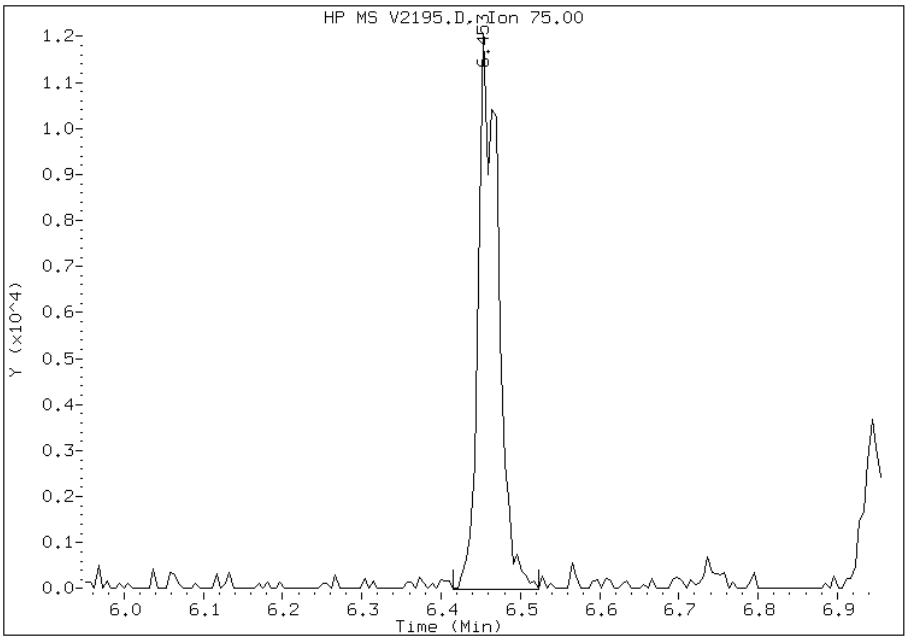
Manual Integration Results

RT: 6.45

Response: 21126

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 07/14/2011

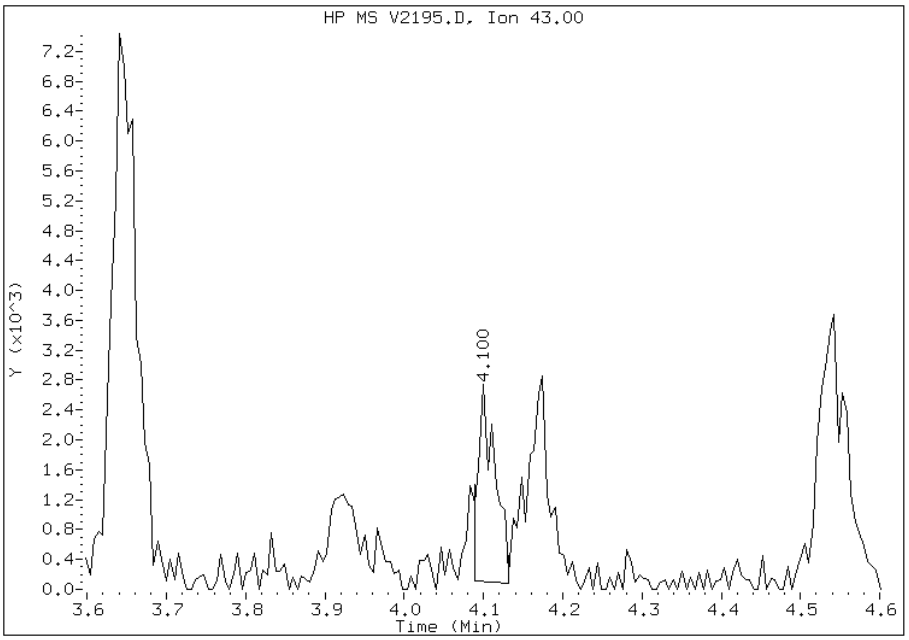
Processing Integration Results

RT: 4.10

Response: 3937

Amount: 2

Conc: 2



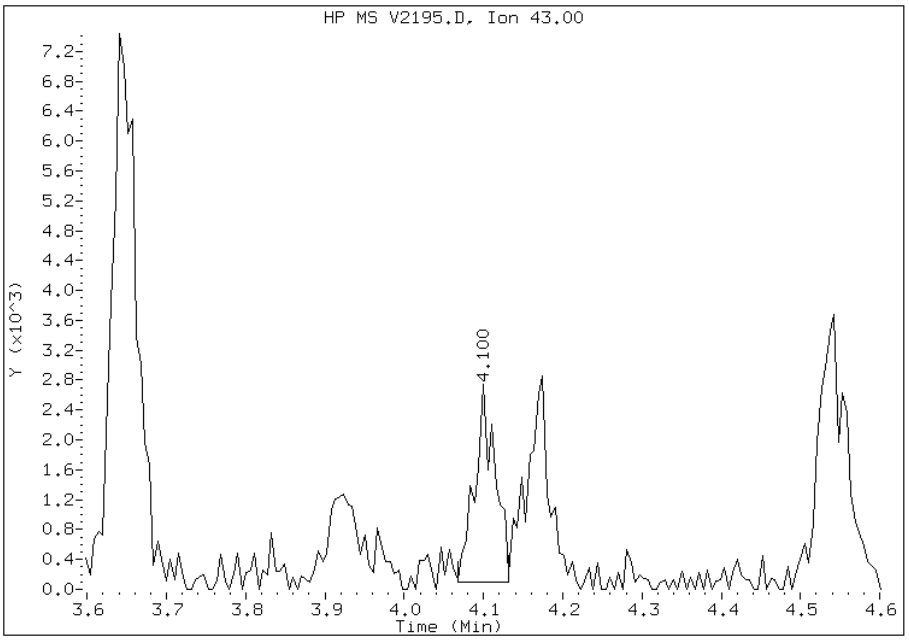
Manual Integration Results

RT: 4.10

Response: 4658

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

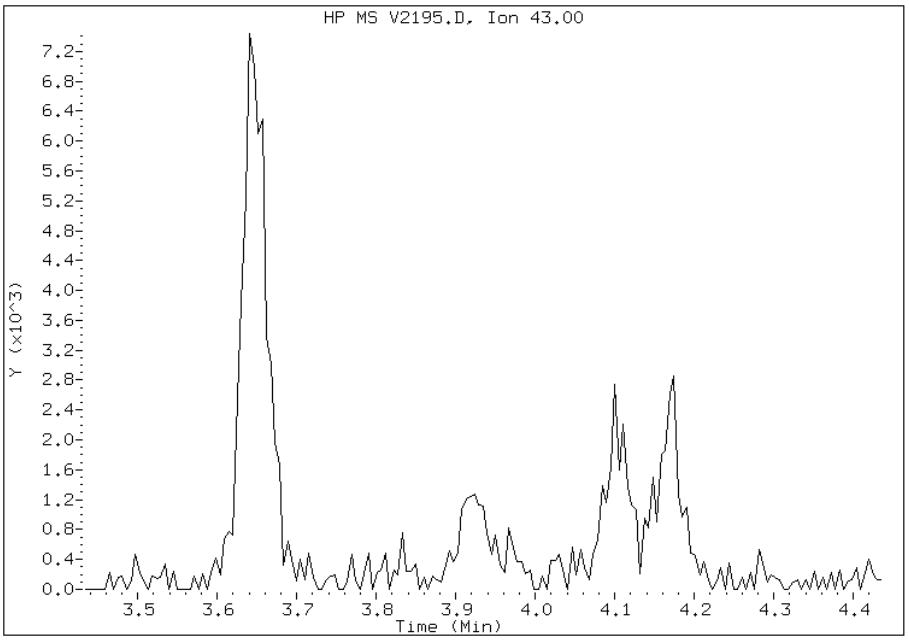
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



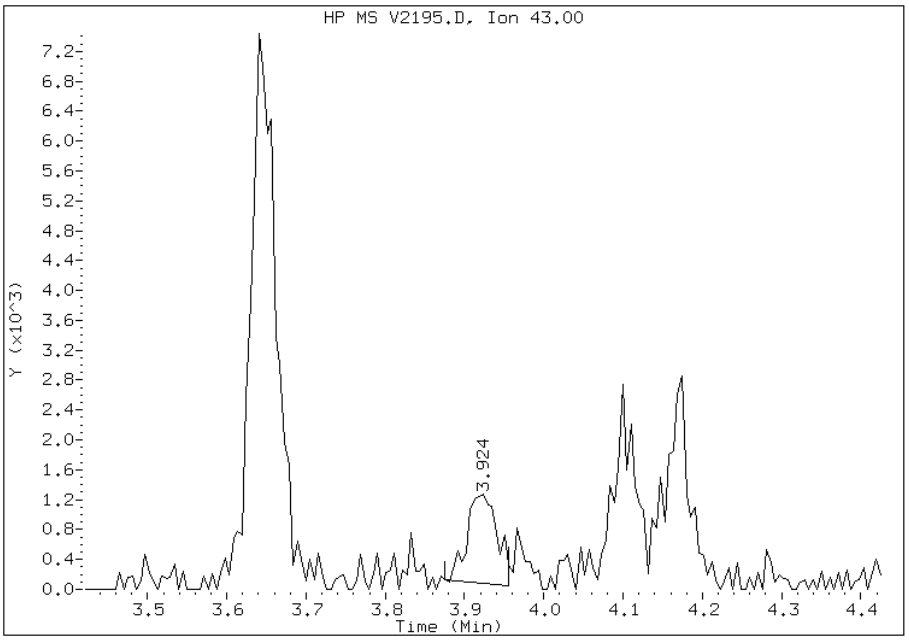
Manual Integration Results

RT: 3.92

Response: 3115

Amount: 8

Conc: 8



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 07/14/2011

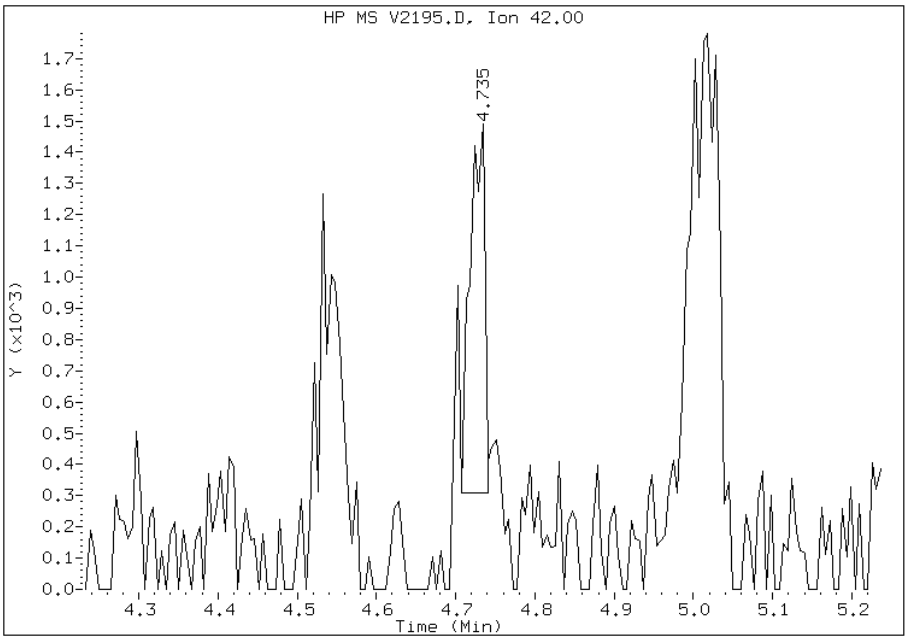
Processing Integration Results

RT: 4.73

Response: 1486

Amount: 11

Conc: 11



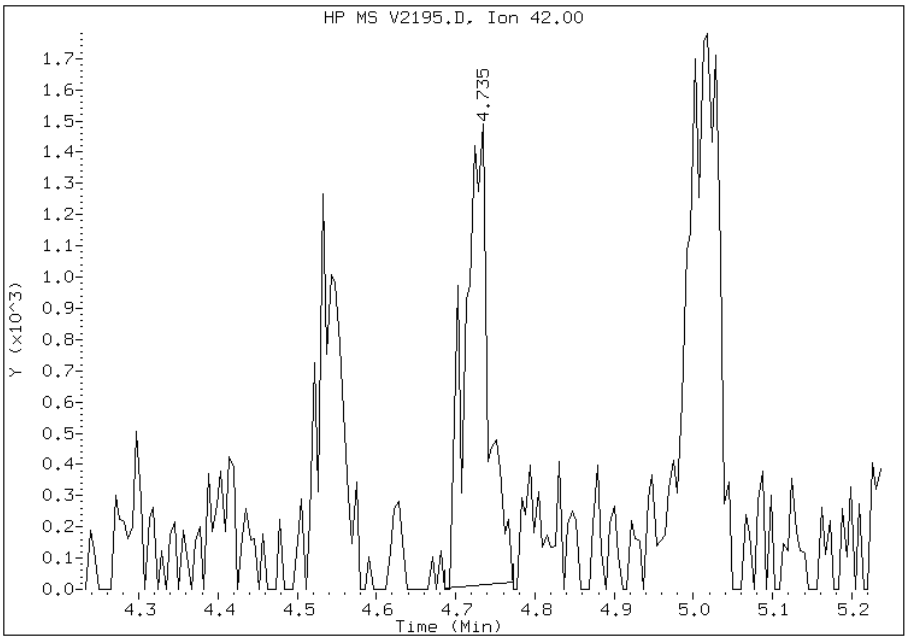
Manual Integration Results

RT: 4.73

Response: 3091

Amount: 21

Conc: 21



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

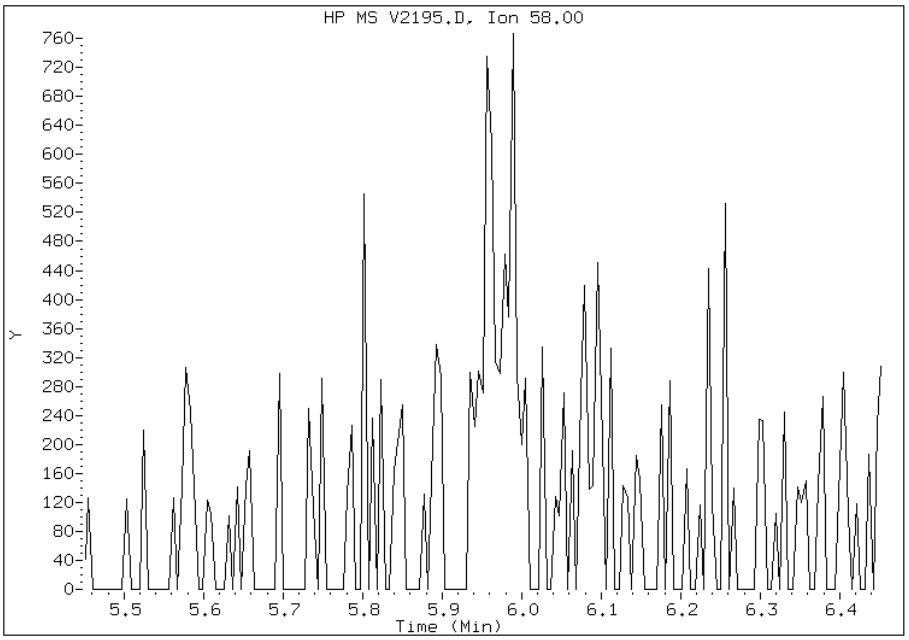
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.95



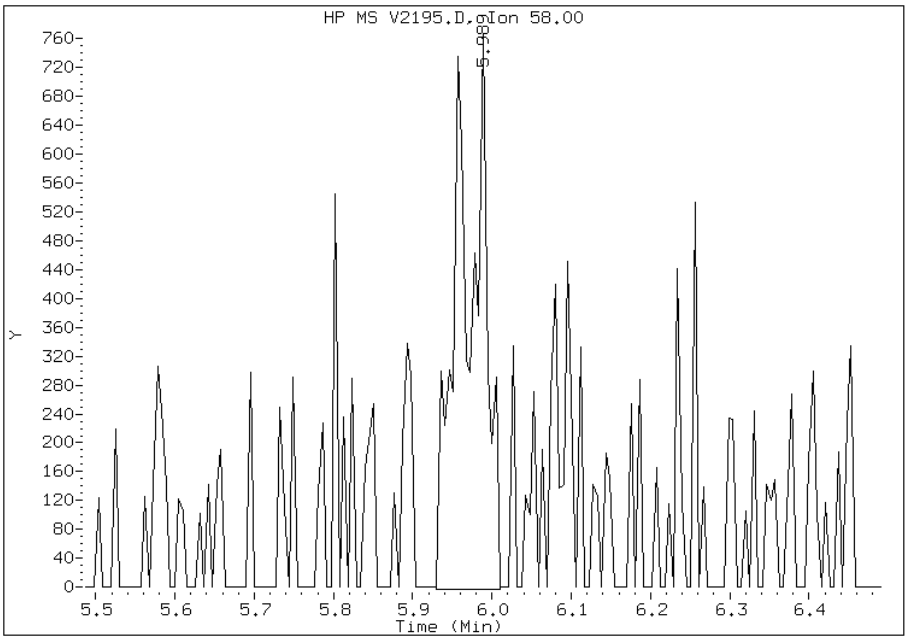
Manual Integration Results

RT: 5.99

Response: 1760

Amount: 15

Conc: 15



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

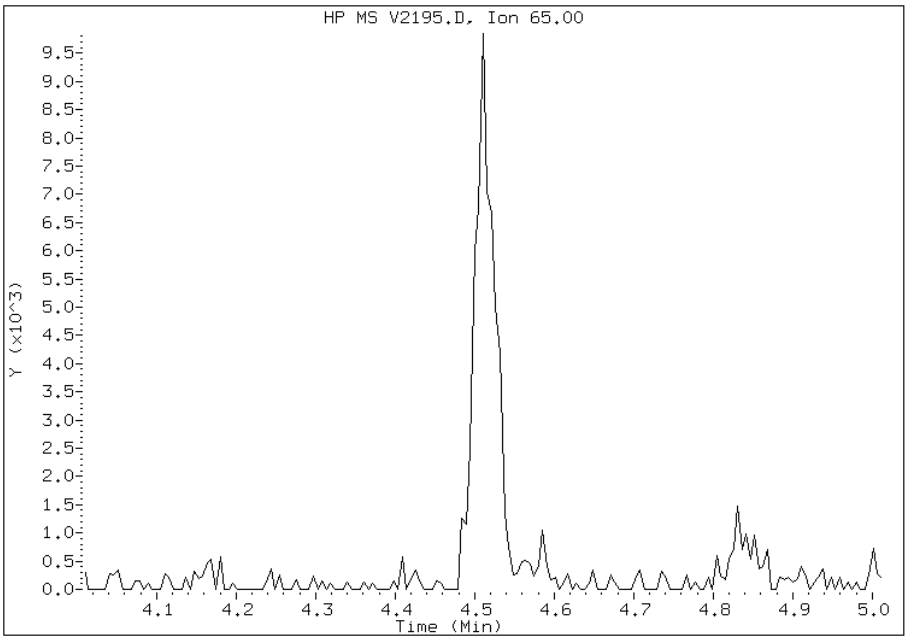
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 55 1,2-Dichloroethane-d4
CAS #: 17060-07-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.51



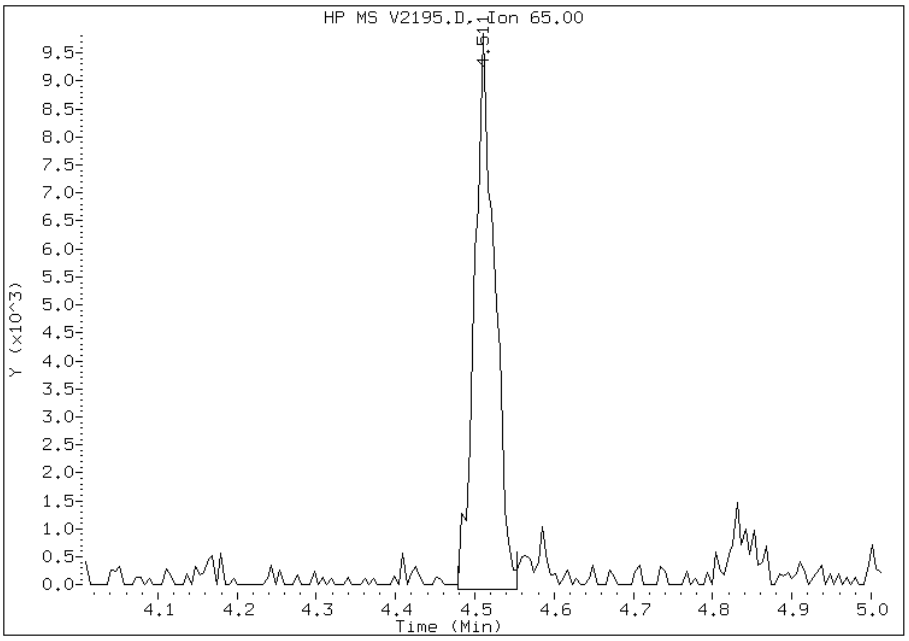
Manual Integration Results

RT: 4.51

Response: 17376

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 74 1,1,2-Trichloroethane
CAS #: 79-00-5
Report Date: 07/14/2011

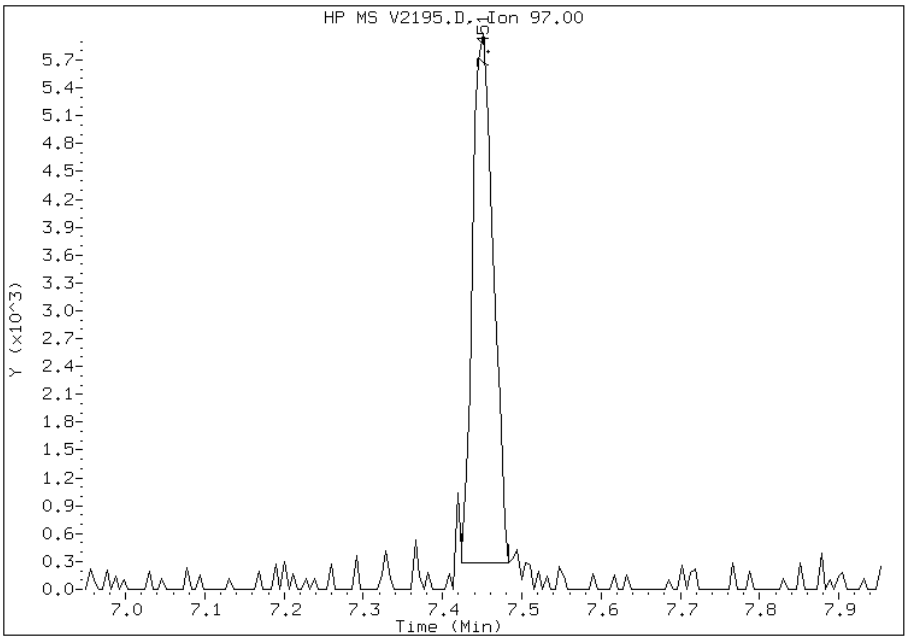
Processing Integration Results

RT: 7.45

Response: 10196

Amount: 2

Conc: 2



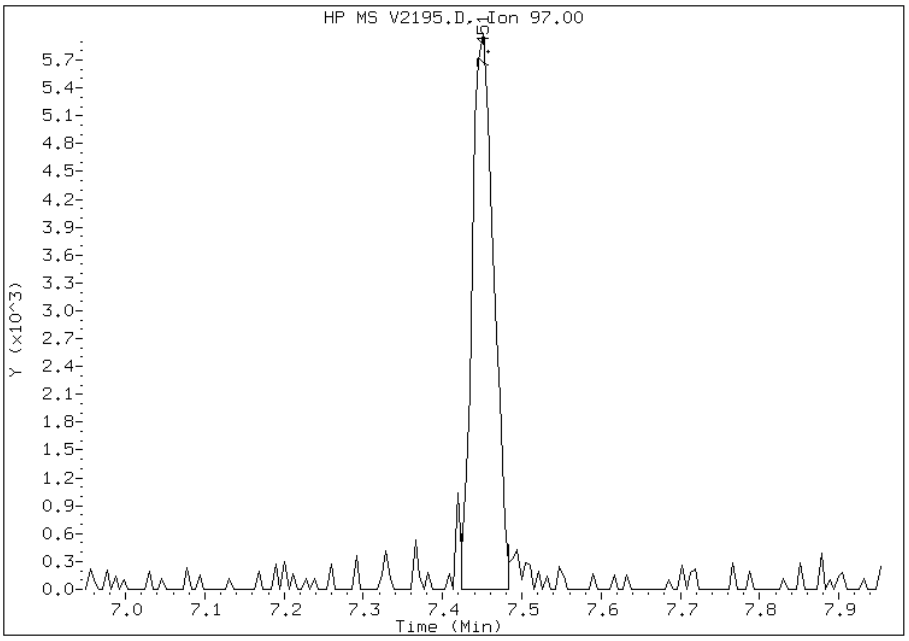
Manual Integration Results

RT: 7.45

Response: 11304

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 59 Methyl Cyclohexane
CAS #: 108-87-2
Report Date: 07/14/2011

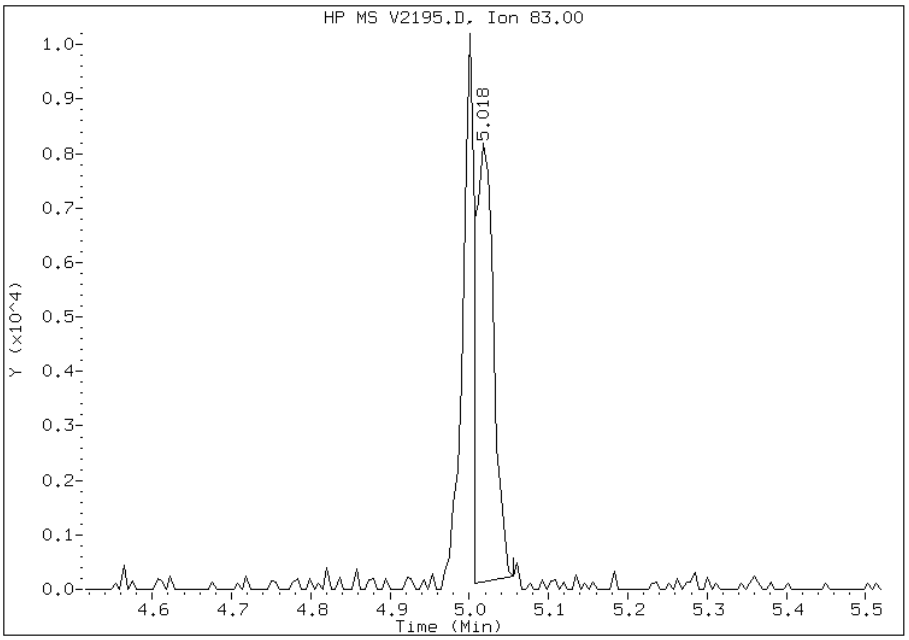
Processing Integration Results

RT: 5.02

Response: 12901

Amount: 1

Conc: 1



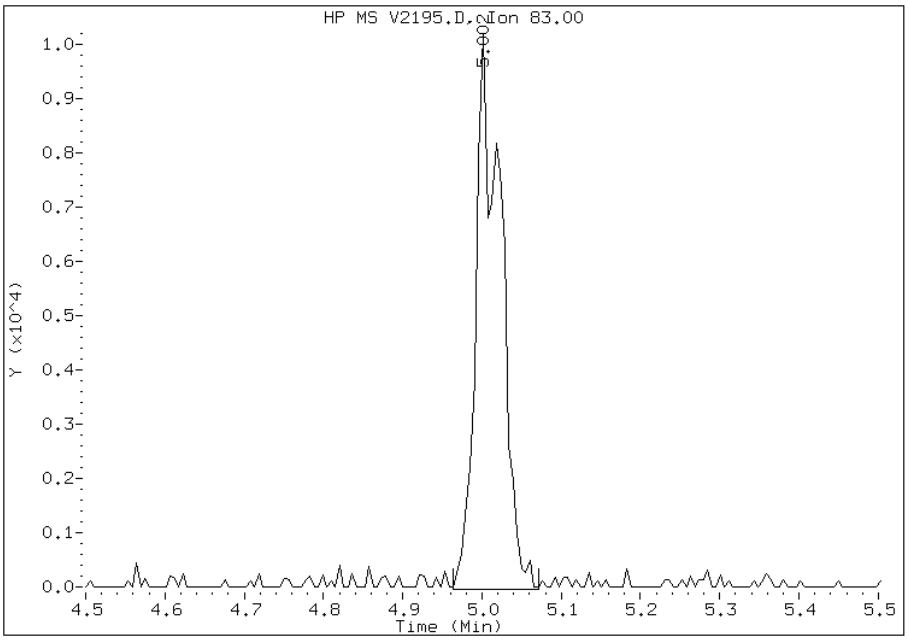
Manual Integration Results

RT: 5.00

Response: 22497

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 07/14/2011

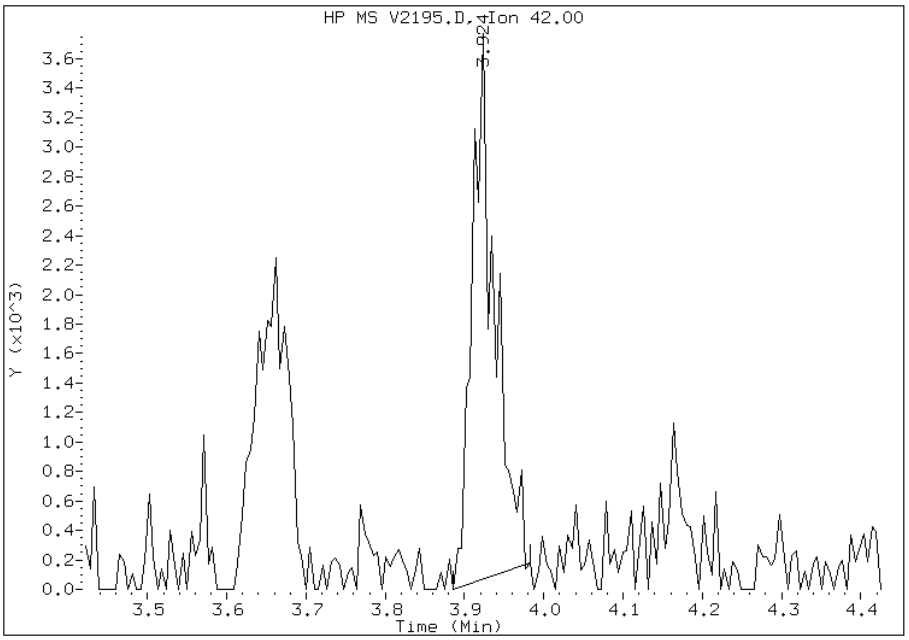
Processing Integration Results

RT: 3.92

Response: 7334

Amount: 4

Conc: 4



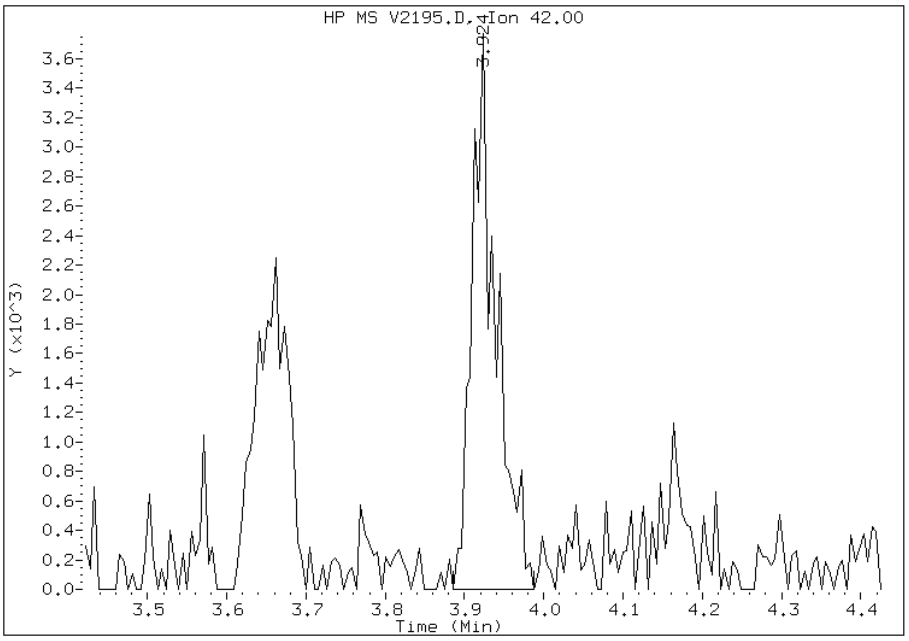
Manual Integration Results

RT: 3.92

Response: 7868

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2196.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 13-JUL-2011 16:47 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;0.5
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 16:20 Cal File: V2195.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.841	4.841	(1.000)	575846	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	1947	0.50000	0.4(M)
3	Chloromethane	50	1.089	1.089	(0.225)	2876	0.50000	0.6(M)
4	Vinyl Chloride	62	1.132	1.132	(0.234)	1906	0.50000	0.4
5	Bromomethane	94	1.319	1.319	(0.272)	1807	0.50000	0.6(M)
6	Chloroethane	64	1.399	1.399	(0.289)	1391	0.50000	0.6(M)
7	Trichlorofluoromethane	101	1.474	1.474	(0.304)	4526	0.50000	0.4
8	Dichlorofluoromethane	67	1.516	1.516	(0.313)	4563	0.50000	0.6(T)
9	Ethyl Ether	45	1.676	1.676	(0.346)	1784	0.50000	0.6
10	Ethanol	45	1.724	1.724	(0.356)	615	5.00000	11(M)
12	Freon 123	67	1.847	1.847	(0.382)	680	0.50000	0.6(M)
13	Trichlorotrifluoroethane	101	1.826	1.826	(0.377)	3087	0.50000	0.6(M)
14	1,1-Dichloroethene	96	1.799	1.799	(0.372)	1436	0.50000	0.3
15	Carbon Disulfide	76	1.826	1.826	(0.377)	8743	0.50000	0.5(M)
16	Iodomethane	142	1.901	1.901	(0.393)	2251	0.50000	2
17	Acrolein	56	2.034	2.034	(0.420)	2170	2.50000	3
18	2-Propanol	45	2.178	2.178	(0.450)	634	0.50000	0.9(M)
19	3-Chloro-1-Propene	41	2.135	2.135	(0.441)	3771	0.50000	0.5(M)
20	Methylene Chloride	84	2.221	2.221	(0.459)	15503	0.50000	2
21	Acetone	43	2.258	2.258	(0.466)	1340	0.50000	0.8(M)
22	trans-1,2-Dichloroethene	96	2.354	2.354	(0.486)	2716	0.50000	0.5(M)
23	Methyl Acetate	43	2.370	2.370	(0.490)	10551	0.50000	0.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.461	2.461	(0.508)	7387	0.50000	0.4(M)
	25 tert-Butyl alcohol	59	2.541	2.541	(0.525)	2094	2.50000	3(M)
	26 Acetonitrile	41	2.664	2.664	(0.550)	2769	5.00000	5(M)
	27 Isopropyl ether	45	2.813	2.813	(0.581)	7974	0.50000	0.5(M)
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.657)	6304	0.50000	0.4
	29 2-Chloro-1,3-Butadiene	88	2.883	2.883	(0.595)	2047	0.50000	0.4(M)
	30 Acrylonitrile	53	2.941	2.941	(0.608)	2125	1.00000	1(M)
	31 1,1-Dichloroethane	63	2.899	2.899	(0.599)	5757	0.50000	0.6(M)
	32 Vinyl Acetate	43	3.187	3.187	(0.658)	4991	0.50000	0.4(M)
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	3335	0.50000	0.5(M)
	34 2,2-Dichloropropane	77	3.560	3.560	(0.735)	3976	0.50000	0.5(M)
	35 Bromochloromethane	128	3.662	3.662	(0.756)	1539	0.50000	0.5
	37 Cyclohexane	84	3.667	3.667	(0.757)	3793	0.50000	0.5(M)
	38 Chloroform	83	3.768	3.768	(0.778)	8206	0.50000	0.7
	39 Ethyl Acetate	43	3.934	3.934	(0.813)	941	1.00000	4(M)
	40 Methyl Acrylate	55	3.918	3.918	(0.809)	3107	0.50000	0.6(M)
$	41 Dibromofluoromethane	111	3.950	3.950	(0.816)	3195	0.50000	0.5(M)
	42 Tetrahydrofuran	42	3.929	3.929	(0.812)	2042	1.00000	1(M)
	43 Carbon Tetrachloride	117	3.886	3.886	(0.803)	4859	0.50000	0.5(M)
	44 1,1,1-Trichloroethane	97	3.950	3.950	(0.816)	4130	0.50000	0.4(M)
	45 2-Butanone	43	4.115	4.115	(0.850)	773	0.50000	0.3(M)
	46 1,1-Dichloropropene	75	4.094	4.094	(0.846)	3767	0.50000	0.5(M)
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.938)	6486	0.50000	0.4(M)
	49 1-Chlorobutane	56	4.169	4.169	(0.861)	3676	0.50000	0.4(M)
	50 Heptane	43	4.548	4.548	(0.939)	2098	0.50000	0.5(M)
	51 Propionitrile	54	4.398	4.398	(0.909)	3733	5.00000	4
	52 Benzene	78	4.356	4.356	(0.900)	11198	0.50000	0.5
	53 2-Methyl-2-Propenenitrile	41	4.420	4.420	(0.913)	1904	0.50000	0.6(M)
	54 Isobutyl alcohol	42	4.654	4.654	(0.961)	526	5.00000	4(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.932)	4110	0.50000	0.5(M)
	56 1,2-Dichloroethane	62	4.596	4.596	(0.949)	4143	0.50000	0.5(M)
	59 Methyl Cyclohexane	83	5.017	5.017	(1.036)	3685	0.50000	0.4(M)
	60 Trichloroethene	130	5.028	5.028	(1.039)	3569	0.50000	0.6(M)
	63 Dibromomethane	93	5.487	5.487	(1.133)	2170	0.50000	0.5
	64 1,2-Dichloropropane	63	5.610	5.610	(1.159)	2643	0.50000	0.4(M)
	65 Bromodichloromethane	83	5.716	5.716	(1.181)	4920	0.50000	0.6(M)
	66 Methyl Methacrylate	69	5.967	5.967	(1.233)	2946	0.50000	2(M)
	67 1,4-Dioxane	58	5.951	5.951	(1.229)	789	5.00000	0.3(M)
	69 2-Chloroethylvinylether	63	6.426	6.426	(1.327)	1753	0.50000	0.5(M)
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.334)	3992	0.50000	0.4(M)
	71 Chloroacetonitrile	48	6.949	6.949	(1.435)	1064	5.00000	5(M)
	72 2-Nitropropane	41	7.003	7.003	(1.446)	1723	1.00000	1(M)
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.502)	4703	0.50000	0.5
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.539)	2648	0.50000	0.5
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	428207	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	11100	0.50000	0.4
$	77 Toluene-d8	98	6.677	6.677	(0.778)	9596	0.50000	0.4
	78 1,1-Dichloro-2-propanone	43	7.019	7.019	(0.818)	6961	2.50000	2(T)
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	3201	0.50000	0.6(M)
	80 Tetrachloroethene	164	7.195	7.195	(0.839)	1887	0.50000	0.3(M)
	81 Ethyl Methacrylate	69	7.558	7.558	(0.881)	2746	0.50000	0.4(M)
	82 Dibromochloromethane	129	7.654	7.654	(0.892)	4687	0.50000	0.6(T)
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	4323	0.50000	0.5(M)
	84 1,2-Dibromoethane	107	7.889	7.889	(0.920)	3067	0.50000	0.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	86 2-Hexanone	43	8.294	8.294	(0.967)	1424	0.50000	0.4(M)
	87 1-Chlorohexane	91	8.646	8.646	(1.008)	1606	0.50000	4(M)
	88 Chlorobenzene	112	8.598	8.598	(1.002)	7989	0.50000	0.5
	89 1,1,1,2-Tetrachloroethane	131	8.700	8.700	(1.014)	2909	0.50000	0.4(T)
	90 Ethylbenzene	106	8.668	8.668	(1.011)	4260	0.50000	0.5(M)
	91 Xylene (total)mp	106	8.881	8.881	(1.035)	8059	1.00000	0.7
	92 Xylene (total)o	106	9.394	9.394	(1.095)	4075	0.50000	0.4
	93 Styrene	104	9.468	9.468	(1.104)	6652	0.50000	0.4
	94 Bromoform	173	9.442	9.442	(1.101)	3129	0.50000	0.5
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	229726	25.0000	
	96 Isopropylbenzene	105	9.762	9.762	(0.885)	9184	0.50000	0.4
	97 Bromobenzene	156	10.093	10.093	(0.915)	3612	0.50000	0.5
	98 1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.931)	3542	0.50000	0.5
	99 4-Ethyltoluene	105	10.290	10.290	(0.933)	10369	0.50000	0.4
	100 1,2,3-Trichloropropane	110	10.349	10.349	(0.939)	1221	0.50000	0.6
	101 trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.945)	2104	1.00000	1
	102 n-Propylbenzene	91	10.183	10.183	(0.924)	13697	0.50000	0.5
	103 2-Chlorotoluene	91	10.296	10.296	(0.934)	10495	0.50000	0.5
	104 4-Chlorotoluene	91	10.456	10.456	(0.948)	8808	0.50000	0.4
	105 1,3,5-Trimethylbenzene	105	10.381	10.381	(0.941)	7474	0.50000	0.4
	106 tert-Butylbenzene	119	10.658	10.658	(0.967)	6960	0.50000	0.4
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	9898	0.50000	0.5
	108 sec-Butylbenzene	105	10.813	10.813	(0.981)	9206	0.50000	0.4
	109 4-Isopropyltoluene	119	10.947	10.947	(0.993)	7574	0.50000	0.3
	110 1,3-Dichlorobenzene	146	10.963	10.963	(0.994)	7782	0.50000	0.6
	111 1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	8886	0.50000	0.6
	112 1,2-Dichlorobenzene	146	11.379	11.379	(1.032)	6380	0.50000	0.5
	113 Benzyl Chloride	126	11.251	11.251	(1.020)	1149	0.50000	0.4
	114 1,4-Diethylbenzene	119	11.245	11.245	(1.020)	5382	0.50000	0.5
	115 n-Butylbenzene	91	11.288	11.288	(1.024)	11892	0.50000	0.6
	118 1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	9966	0.50000	0.5
	119 1,2-Dibromo-3-chloropropane	75	11.987	11.987	(1.087)	700	0.50000	0.4(M)
	120 Nitrobenzene	77	12.404	12.404	(1.125)	5695	5.00000	-2
	121 1,2,4-Trichlorobenzene	180	12.494	12.494	(1.133)	7466	0.50000	0.7
	122 Hexachlorobutadiene	225	12.489	12.489	(1.133)	4862	0.50000	0.9
	123 Naphthalene	128	12.718	12.718	(1.153)	16058	0.50000	0.6
	124 1,2,3-Trichlorobenzene	180	12.847	12.847	(1.165)	6765	0.50000	0.6
$	125 Bromofluorobenzene	95	10.013	10.013	(0.908)	3547	0.50000	0.5
M	126 1,2-Dichloroethene (total)	100				6051	1.00000	1
M	127 Xylene (total)	100				12134	1.50000	1

QC Flag Legend

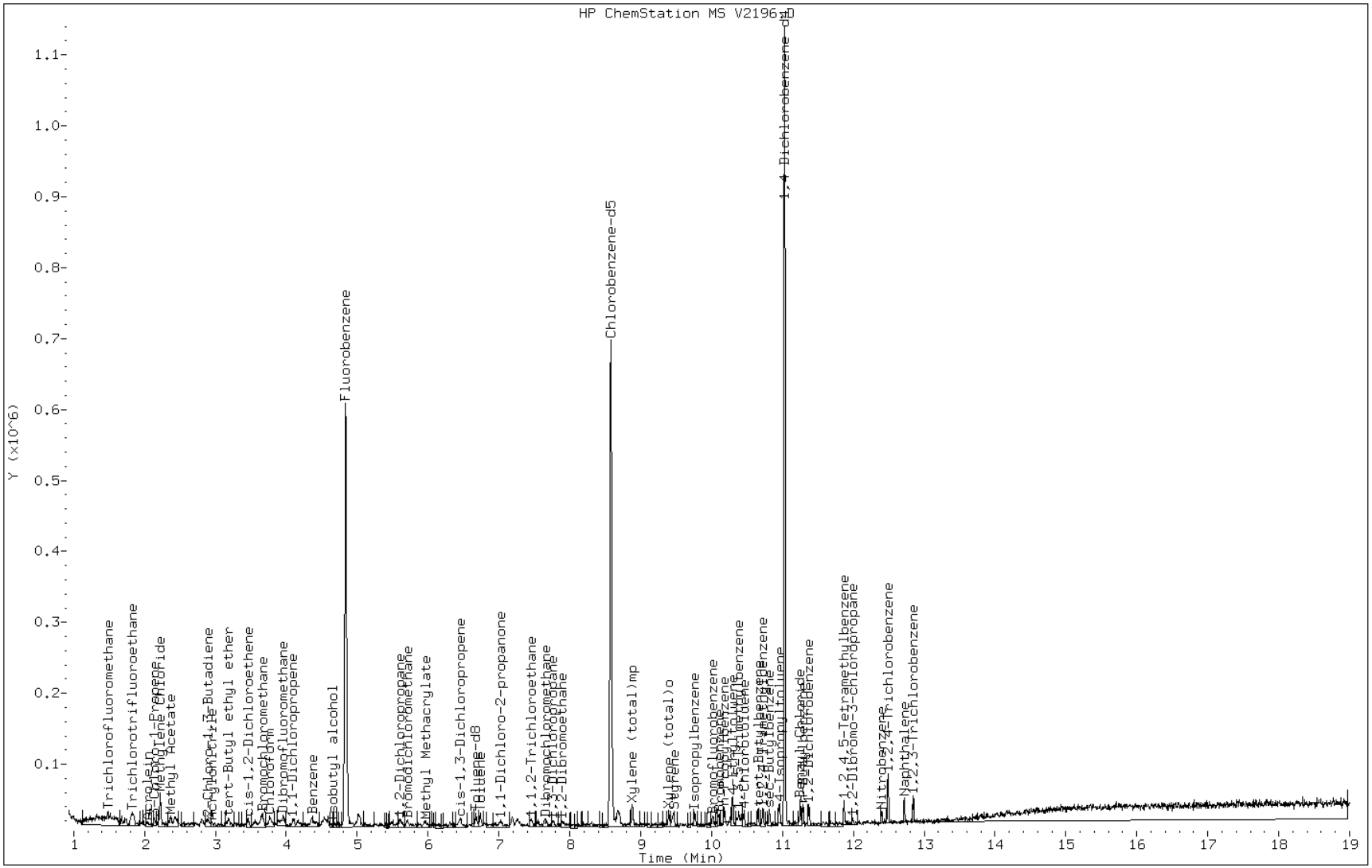
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: V2196.D

Date: 13-JUL-2011 16:47

Client ID: IC;0.5 Instrument: msv.i

Sample Info: IC;0.5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 07/14/2011

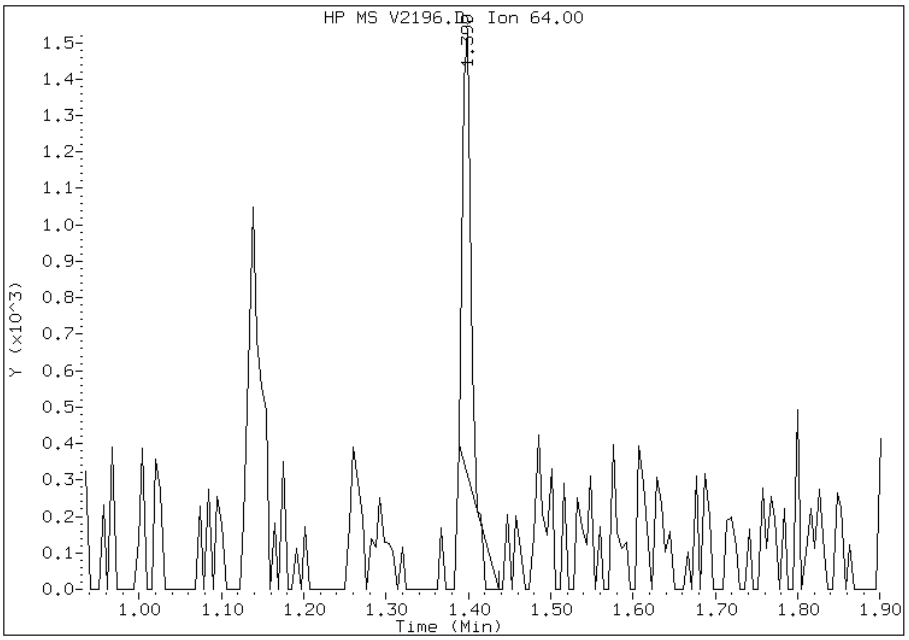
Processing Integration Results

RT: 1.40

Response: 757

Amount: 0

Conc: 0



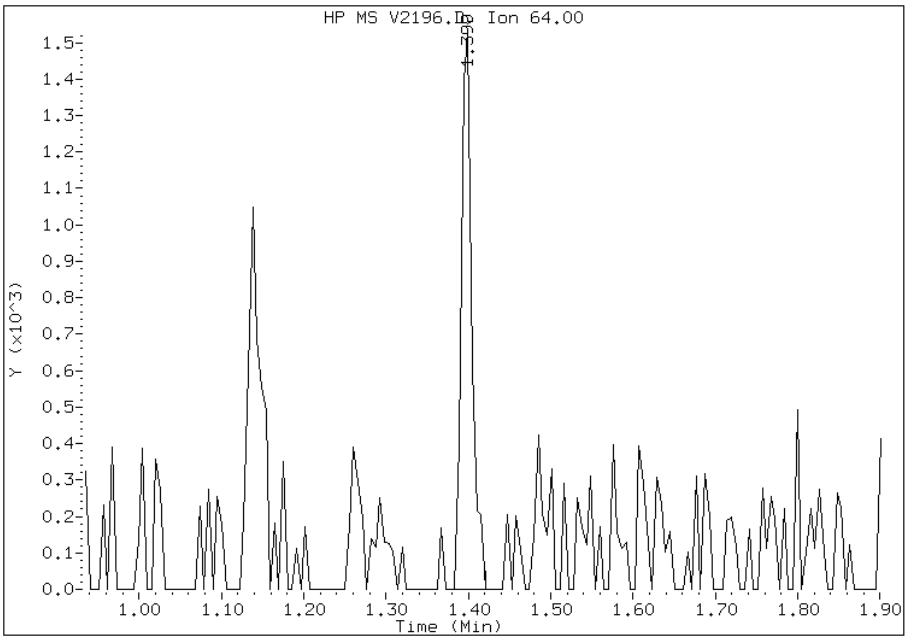
Manual Integration Results

RT: 1.40

Response: 1391

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

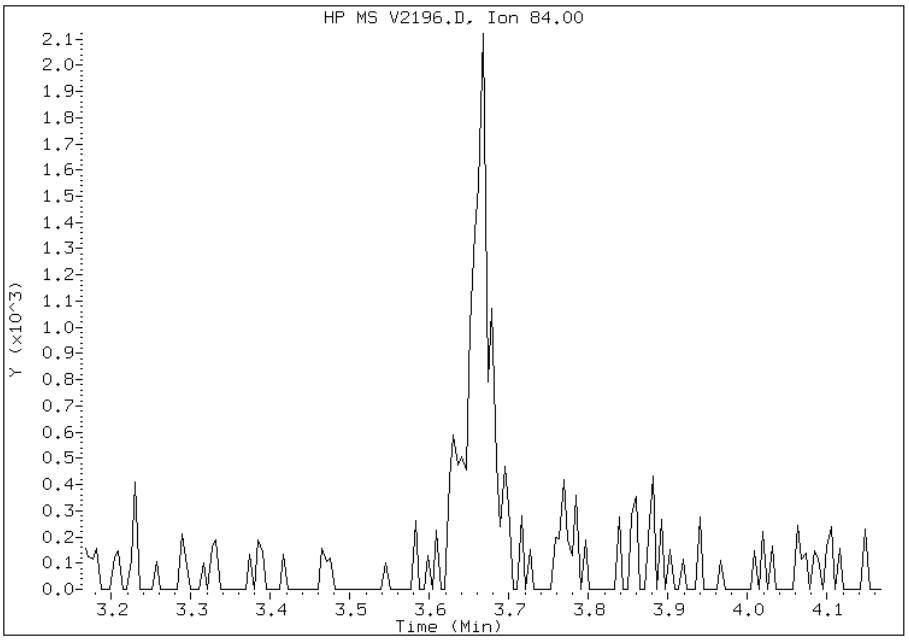
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 37 Cyclohexane
CAS #: 110-82-7
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.67



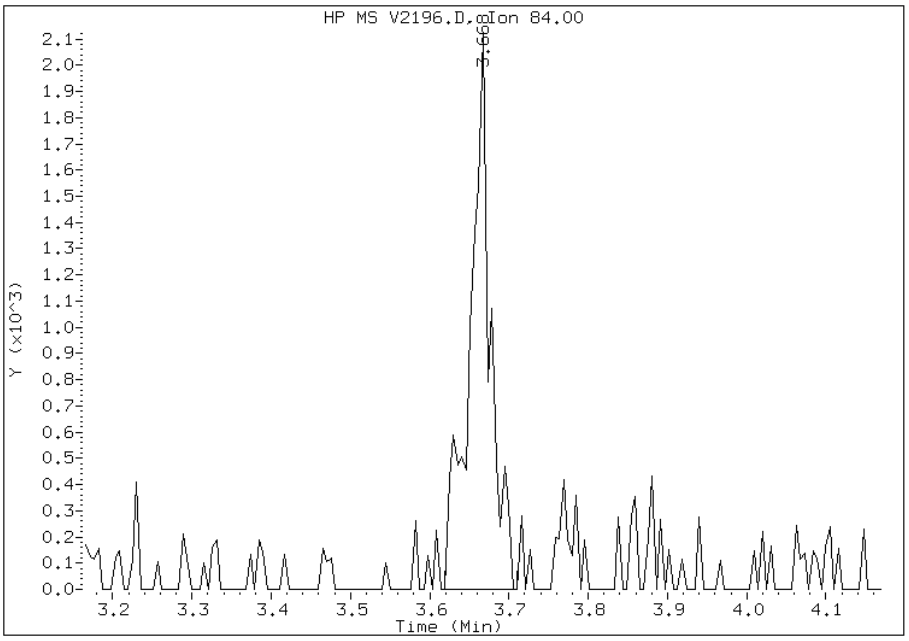
Manual Integration Results

RT: 3.67

Response: 3793

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

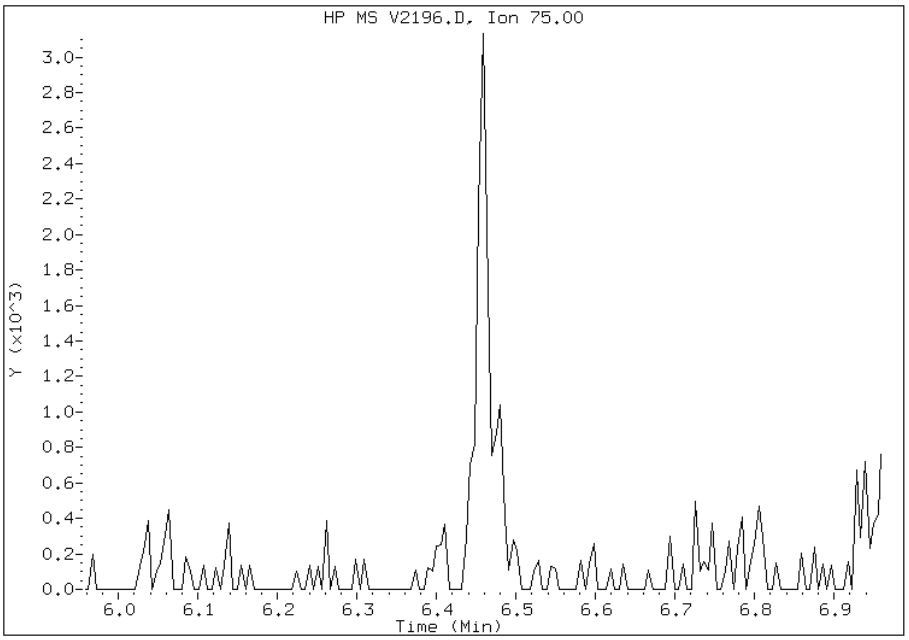
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 70 cis-1,3-Dichloropropene
CAS #: 10061-01-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 6.46



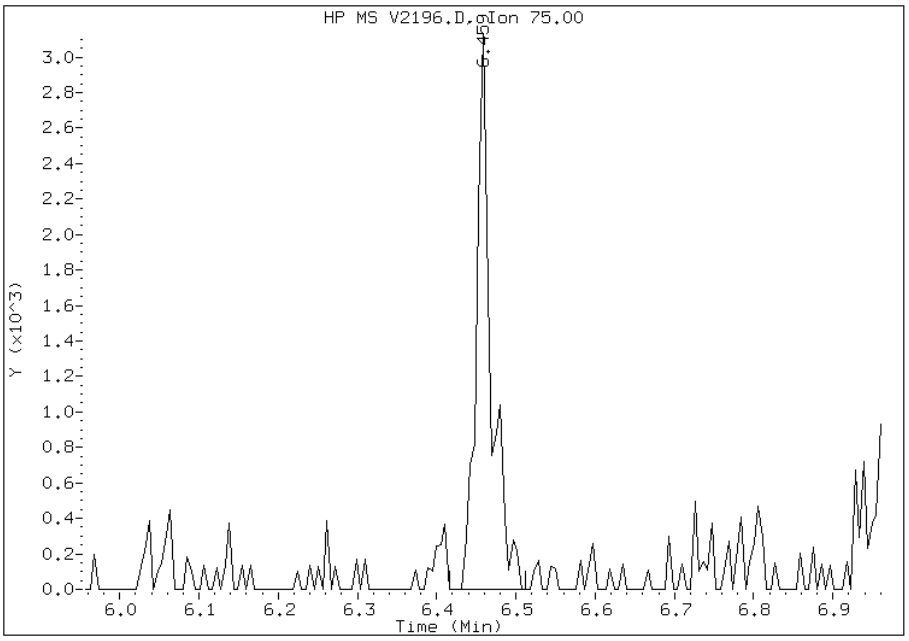
Manual Integration Results

RT: 6.46

Response: 3992

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 90 Ethylbenzene
CAS #: 100-41-4
Report Date: 07/14/2011

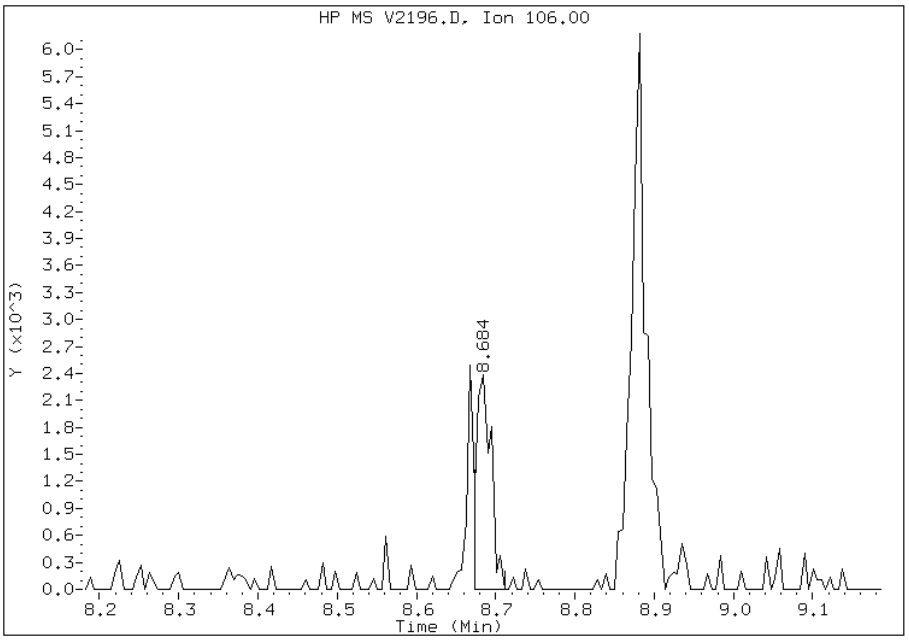
Processing Integration Results

RT: 8.68

Response: 3048

Amount: 0

Conc: 0



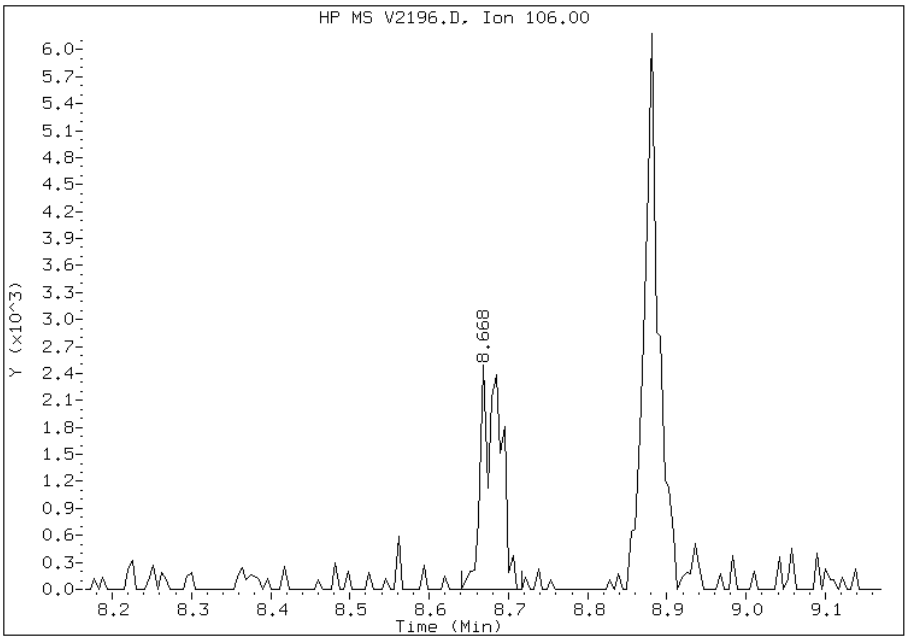
Manual Integration Results

RT: 8.67

Response: 4260

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 81 Ethyl Methacrylate
CAS #: 97-63-2
Report Date: 07/14/2011

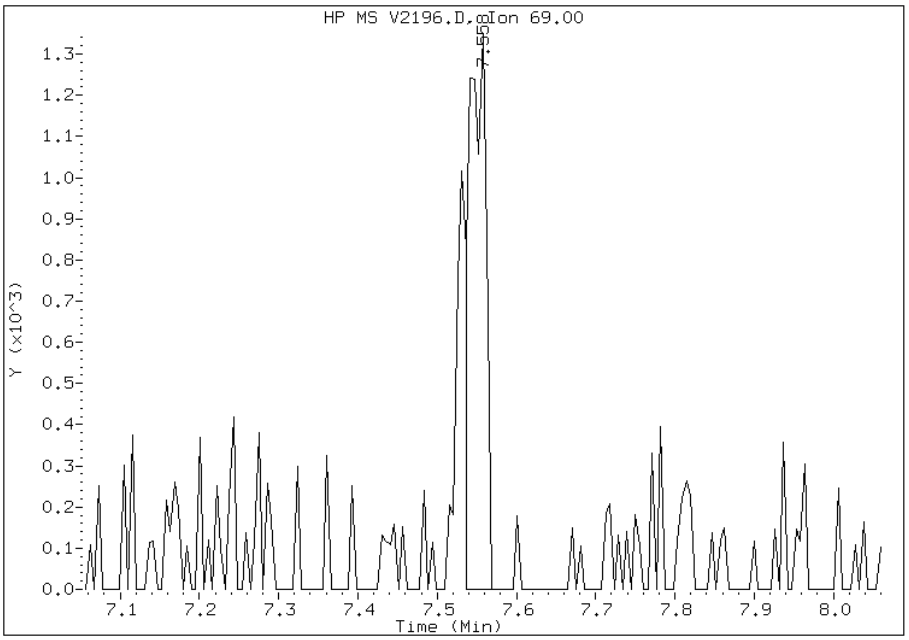
Processing Integration Results

RT: 7.56

Response: 2044

Amount: 0

Conc: 0



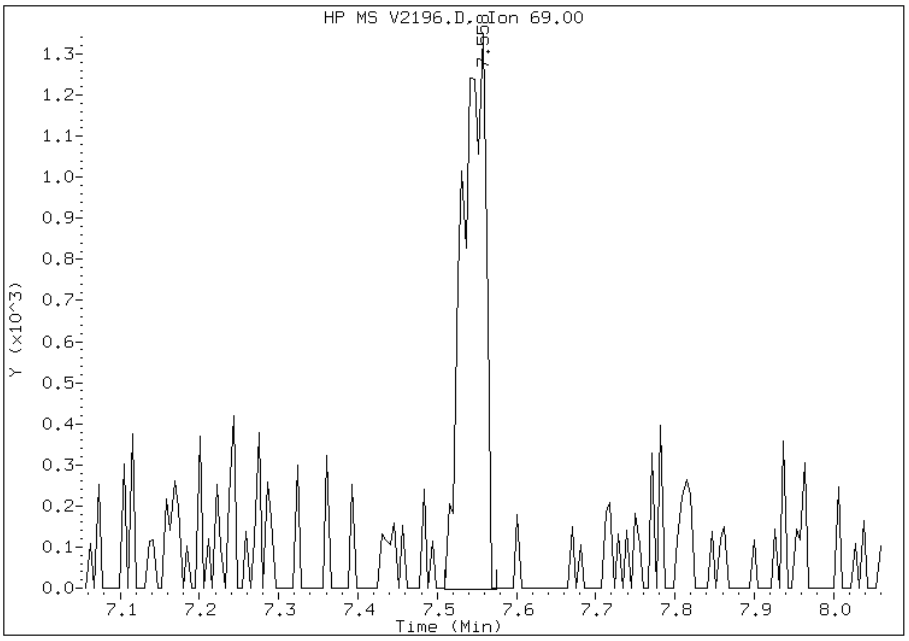
Manual Integration Results

RT: 7.56

Response: 2746

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

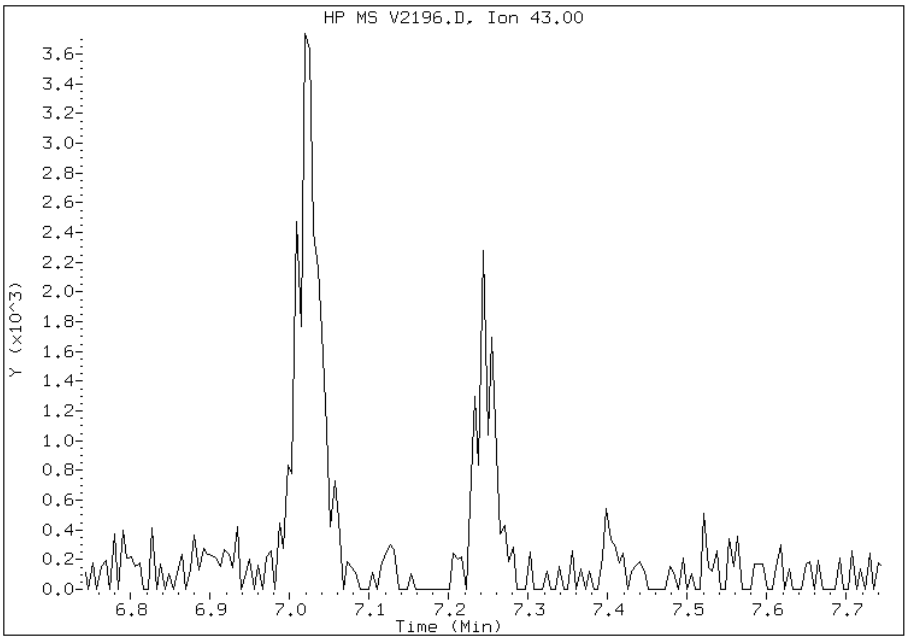
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 79 4-Methyl-2-Pentanone
CAS #: 108-10-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 7.24



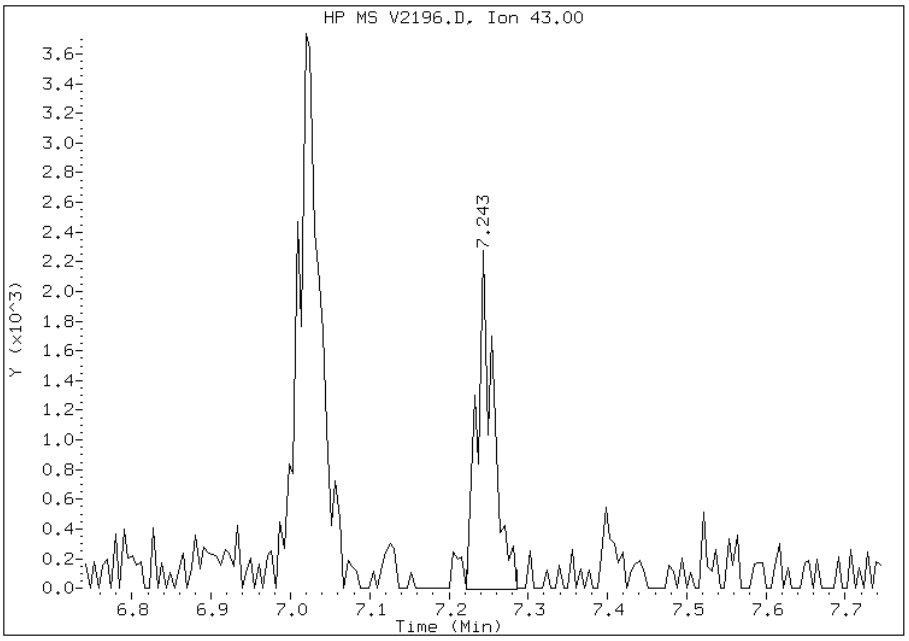
Manual Integration Results

RT: 7.24

Response: 3201

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 13 Trichlorotrifluoroethane
CAS #: 76-13-1
Report Date: 07/14/2011

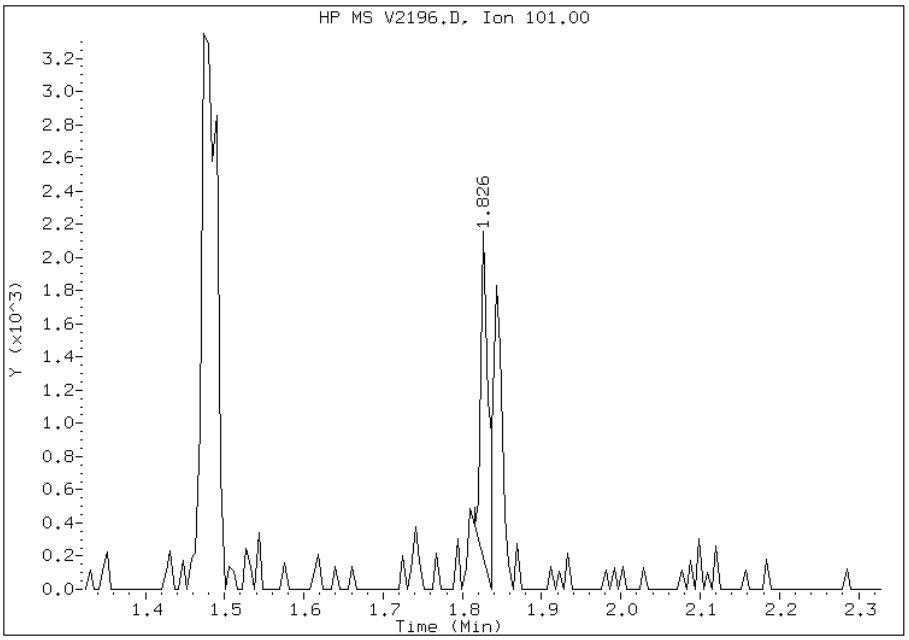
Processing Integration Results

RT: 1.83

Response: 1341

Amount: 0

Conc: 0



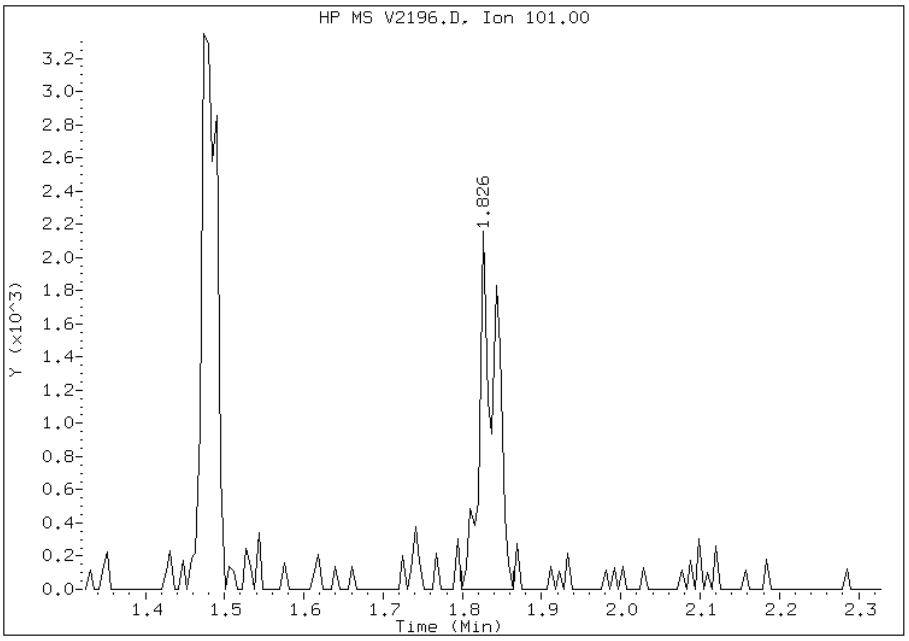
Manual Integration Results

RT: 1.83

Response: 3087

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 49 1-Chlorobutane
CAS #: 109-69-3
Report Date: 07/14/2011

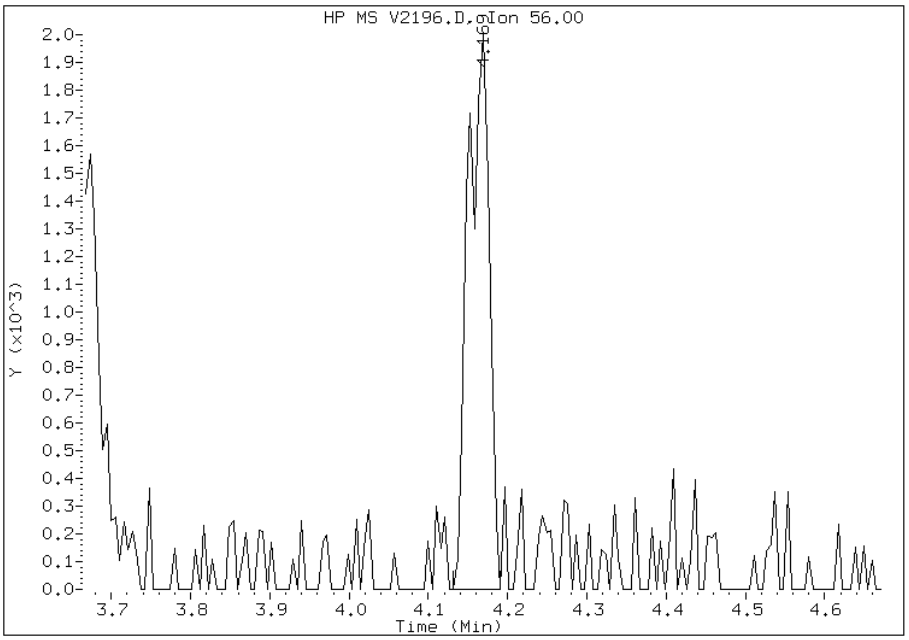
Processing Integration Results

RT: 4.17

Response: 3676

Amount: 0

Conc: 0



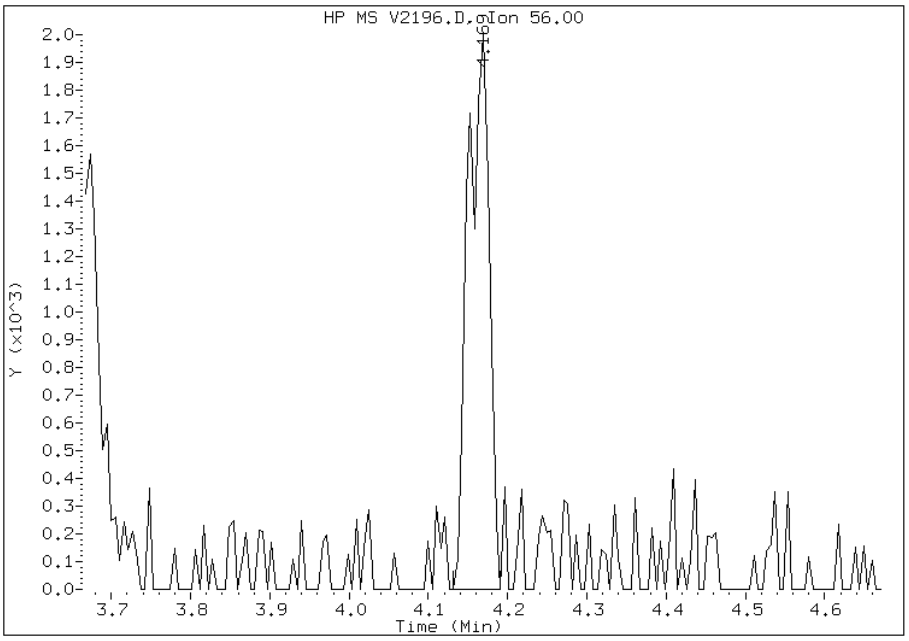
Manual Integration Results

RT: 4.17

Response: 3676

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

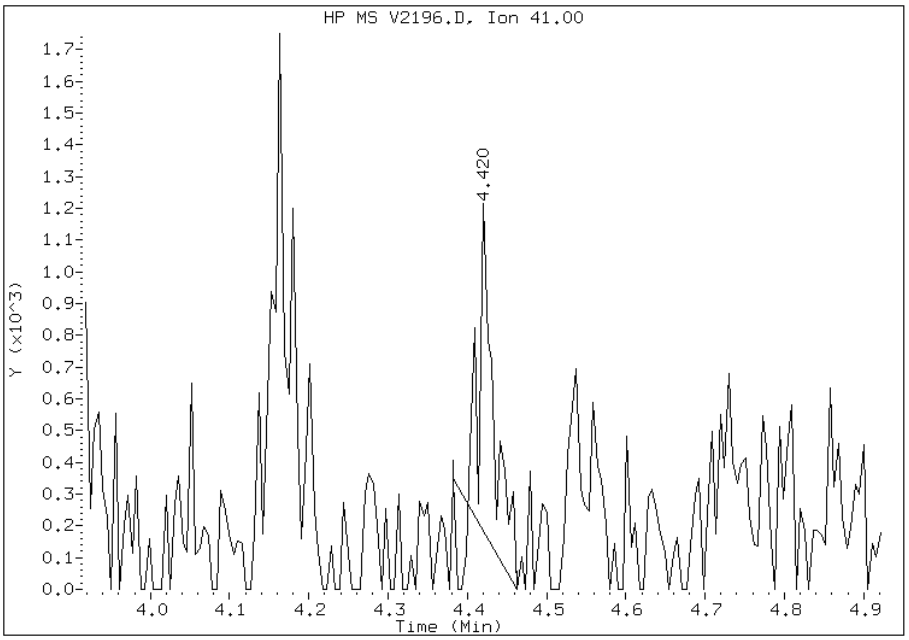
Processing Integration Results

RT: 4.42

Response: 1122

Amount: 0

Conc: 0



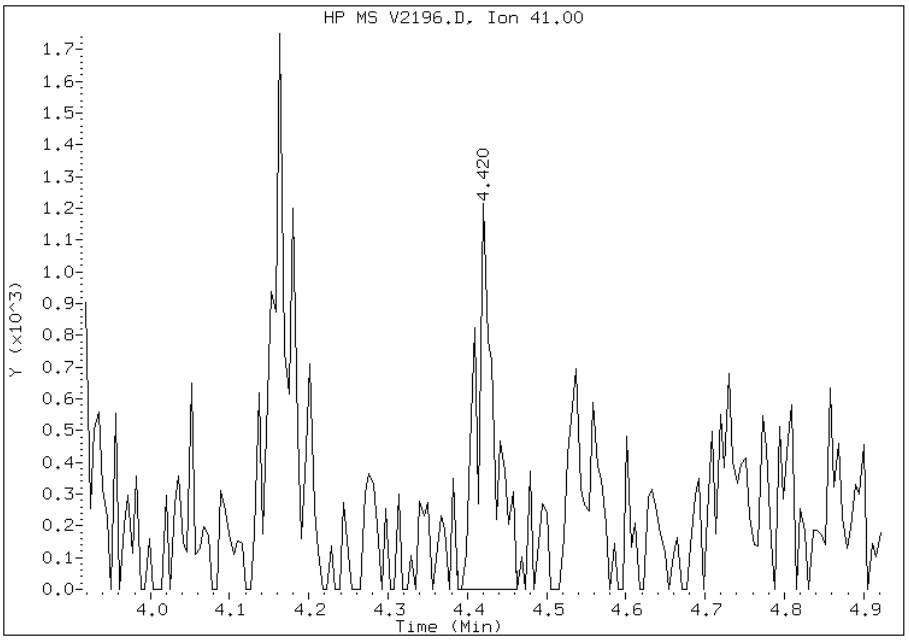
Manual Integration Results

RT: 4.42

Response: 1904

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 07/14/2011

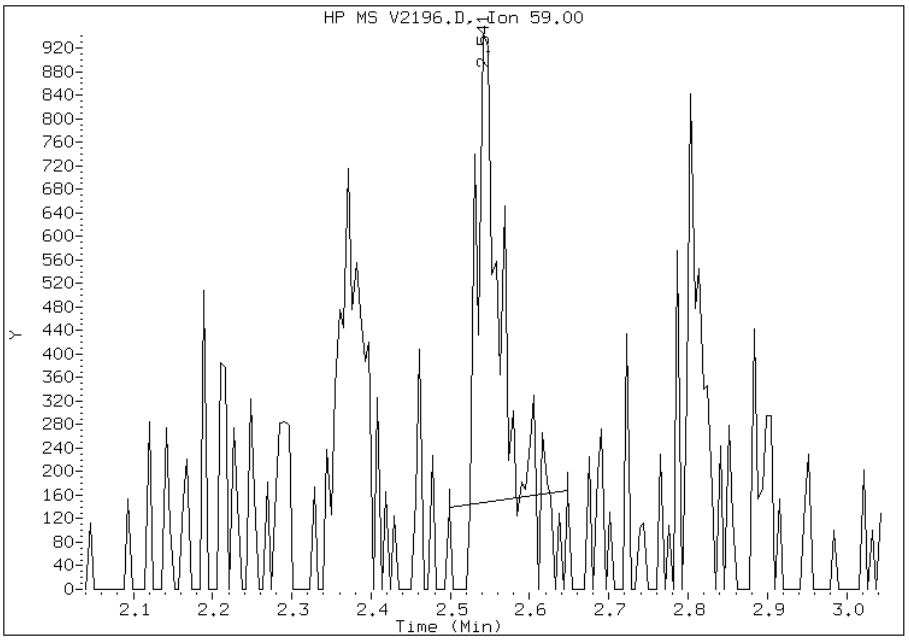
Processing Integration Results

RT: 2.54

Response: 1108

Amount: 2

Conc: 2



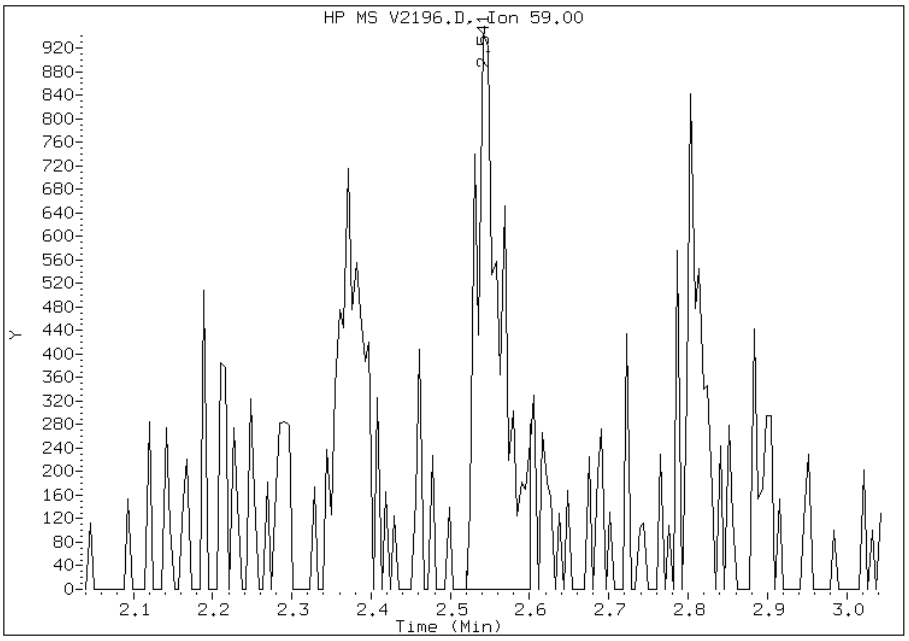
Manual Integration Results

RT: 2.54

Response: 2094

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

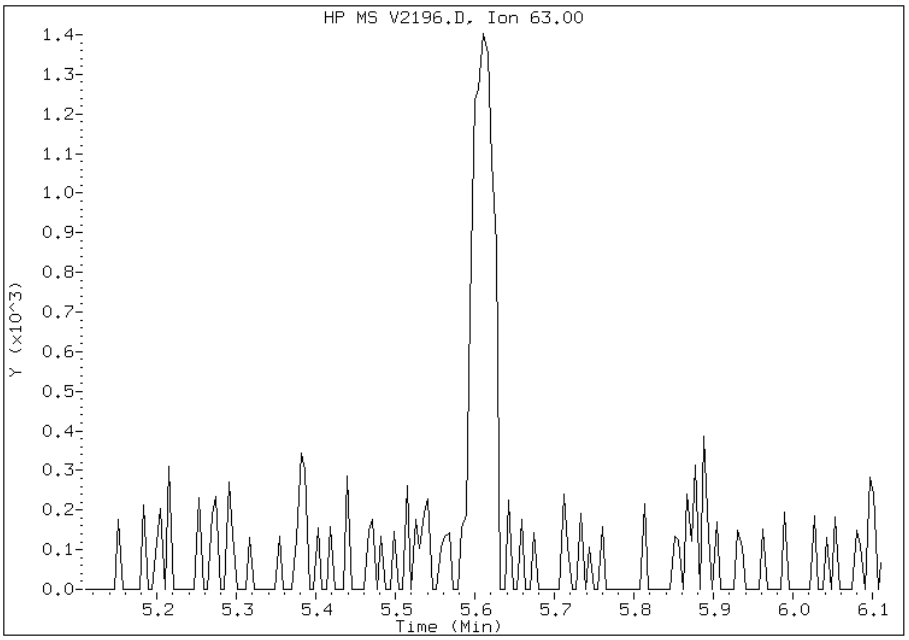
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 64 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.61



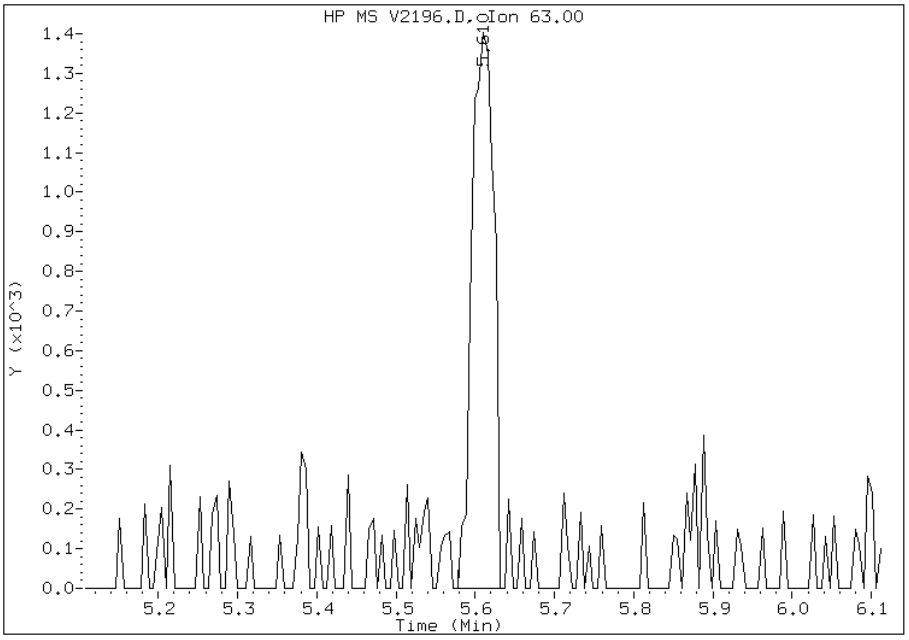
Manual Integration Results

RT: 5.61

Response: 2643

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

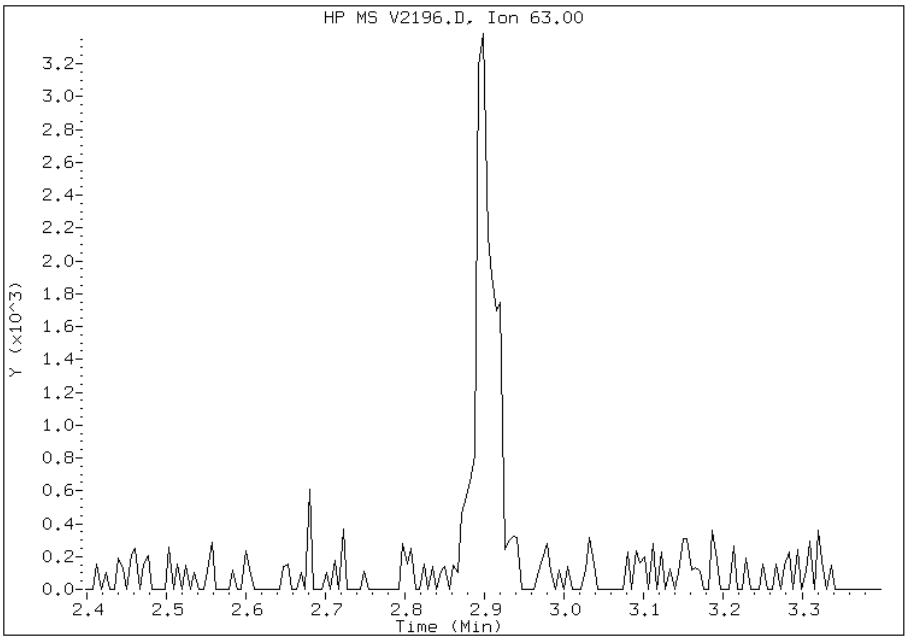
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.90



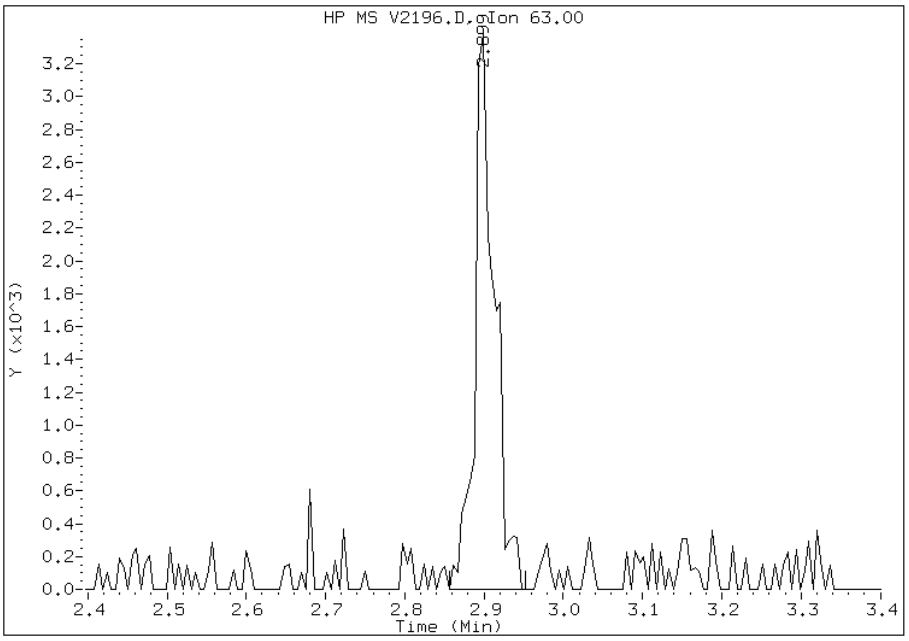
Manual Integration Results

RT: 2.90

Response: 5757

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

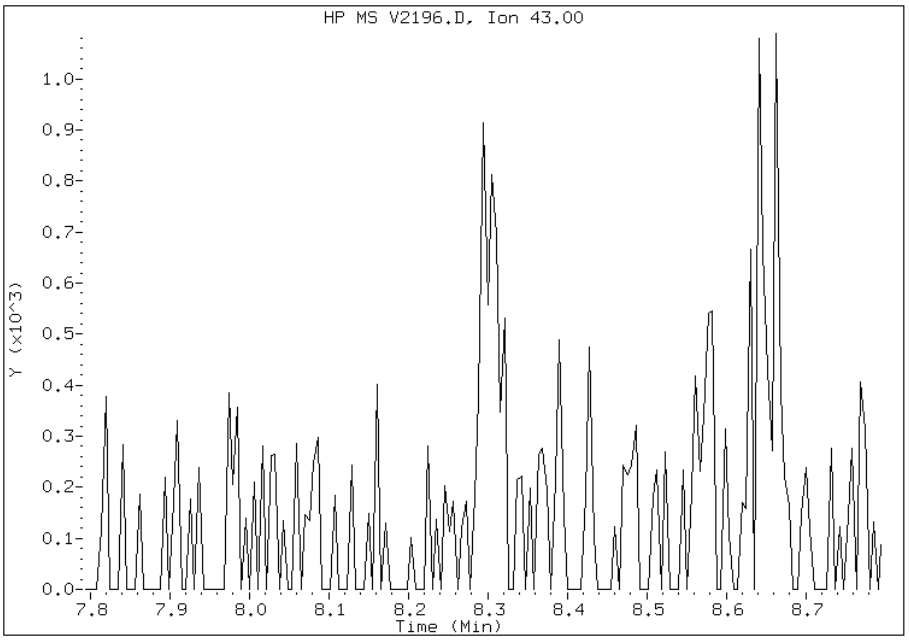
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 86 2-Hexanone
CAS #: 591-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 8.29



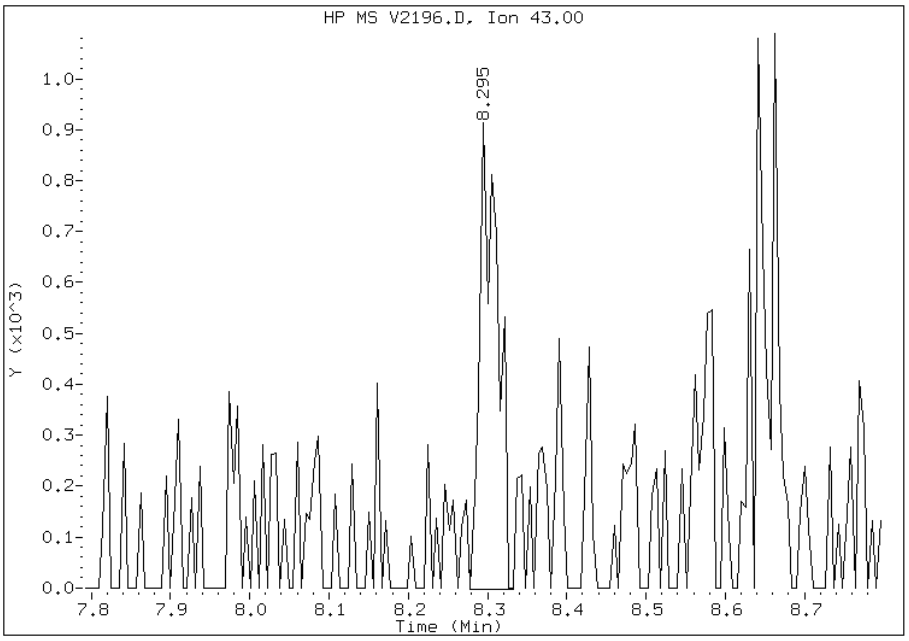
Manual Integration Results

RT: 8.29

Response: 1424

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 22 trans-1,2-Dichloroethene
CAS #: 156-60-5
Report Date: 07/14/2011

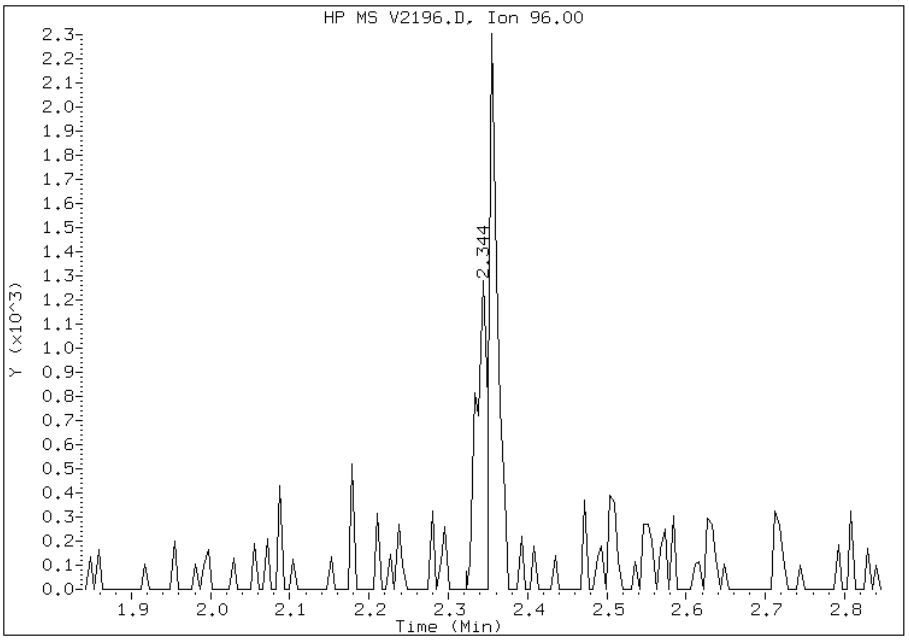
Processing Integration Results

RT: 2.34

Response: 1185

Amount: 0

Conc: 0



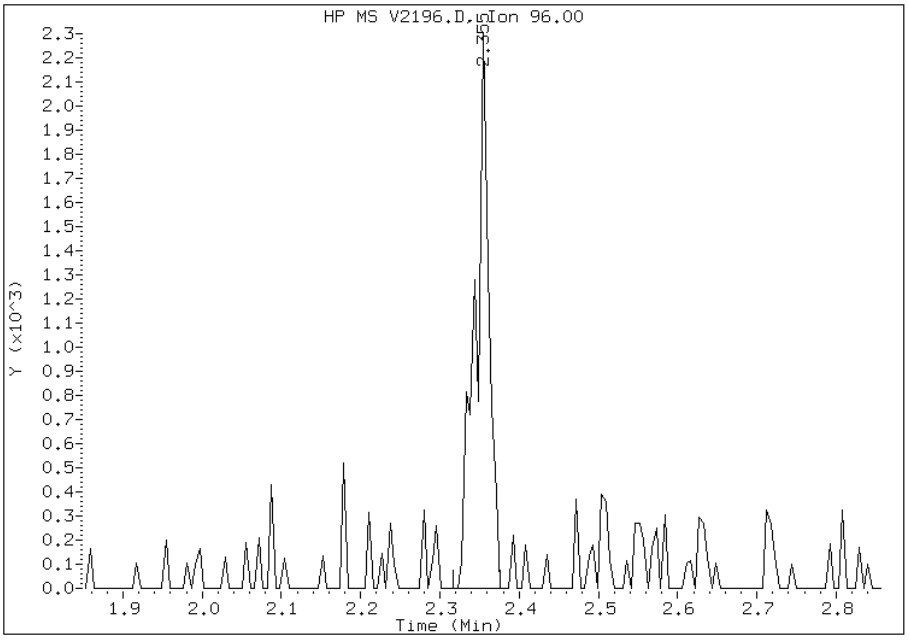
Manual Integration Results

RT: 2.35

Response: 2716

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 19 3-Chloro-1-Propene
CAS #: 107-05-1
Report Date: 07/14/2011

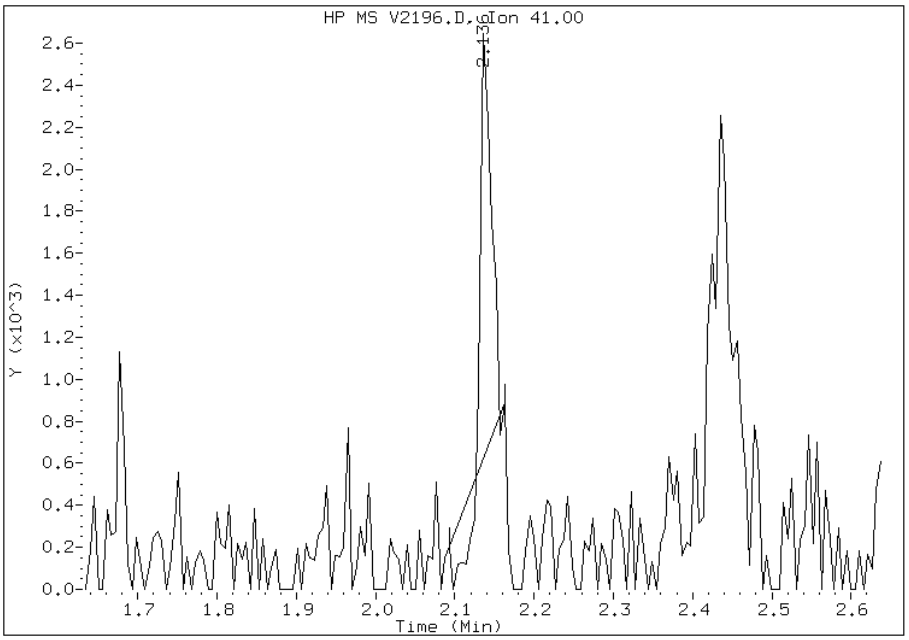
Processing Integration Results

RT: 2.14

Response: 1325

Amount: 0

Conc: 0



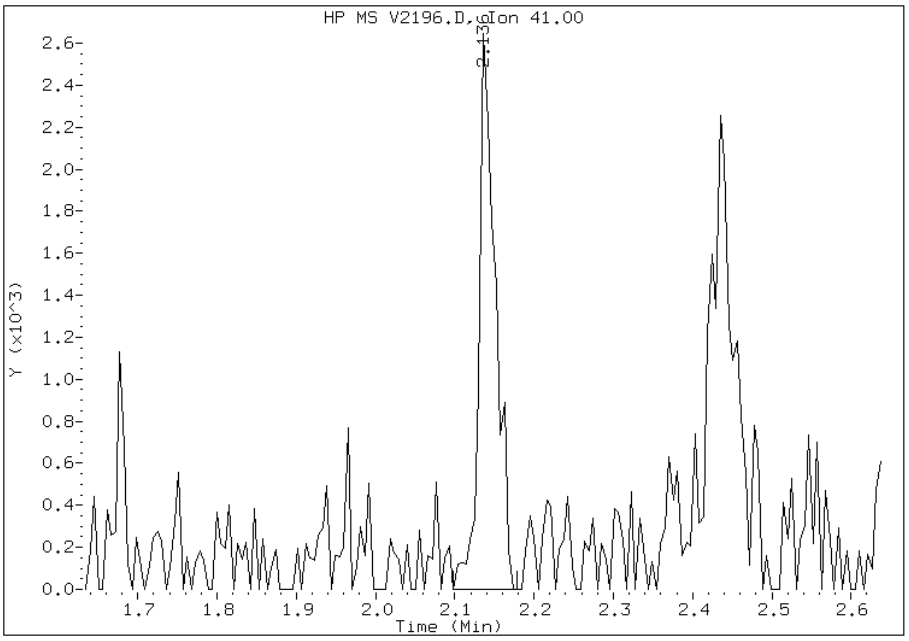
Manual Integration Results

RT: 2.14

Response: 3771

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

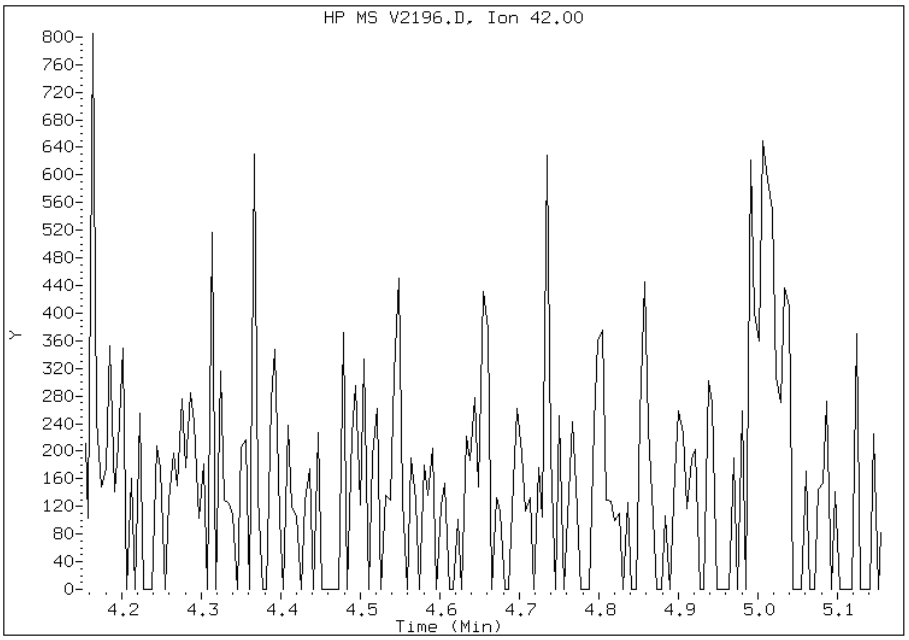
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.65



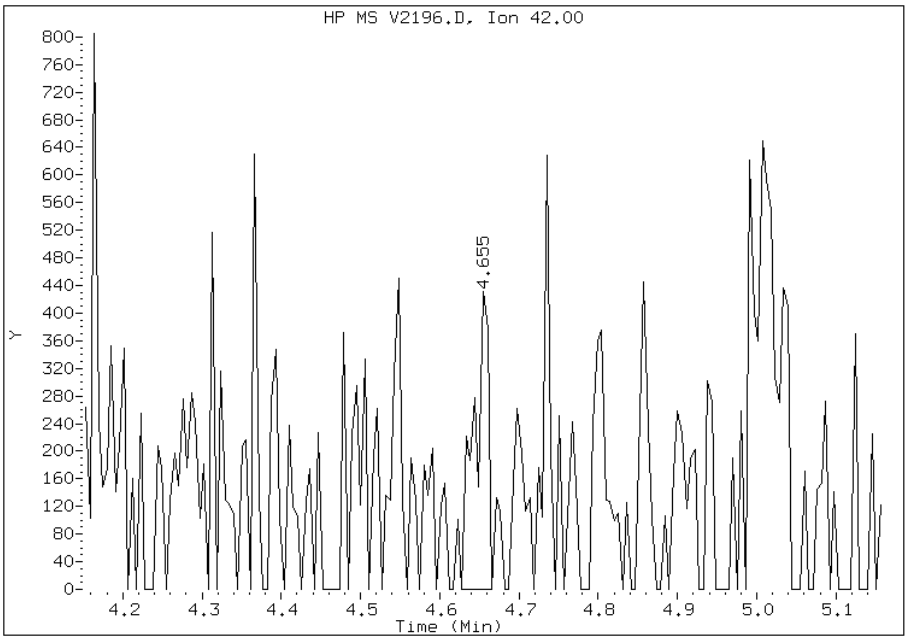
Manual Integration Results

RT: 4.65

Response: 526

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 44 1,1,1-Trichloroethane
CAS #: 71-55-6
Report Date: 07/14/2011

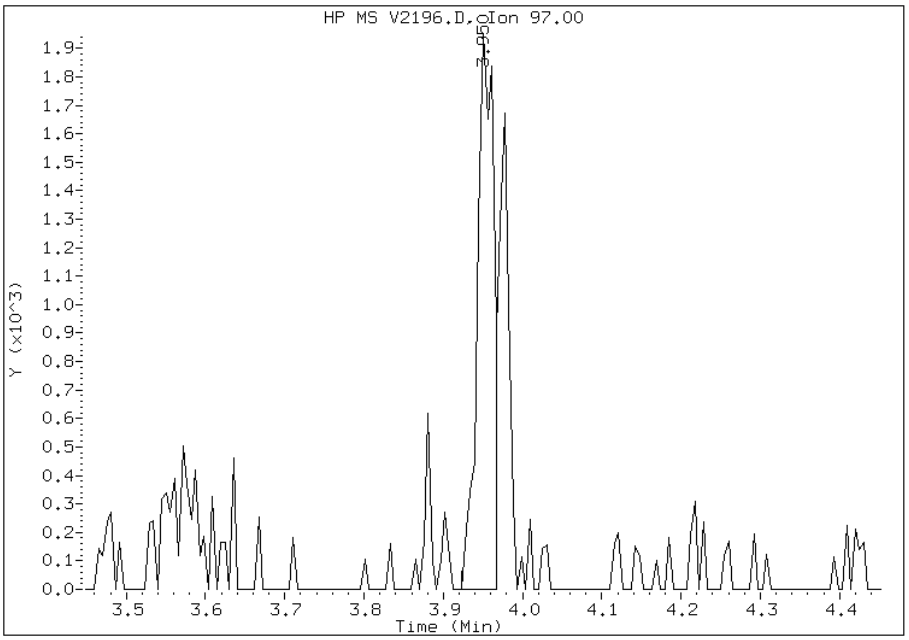
Processing Integration Results

RT: 3.95

Response: 2768

Amount: 0

Conc: 0



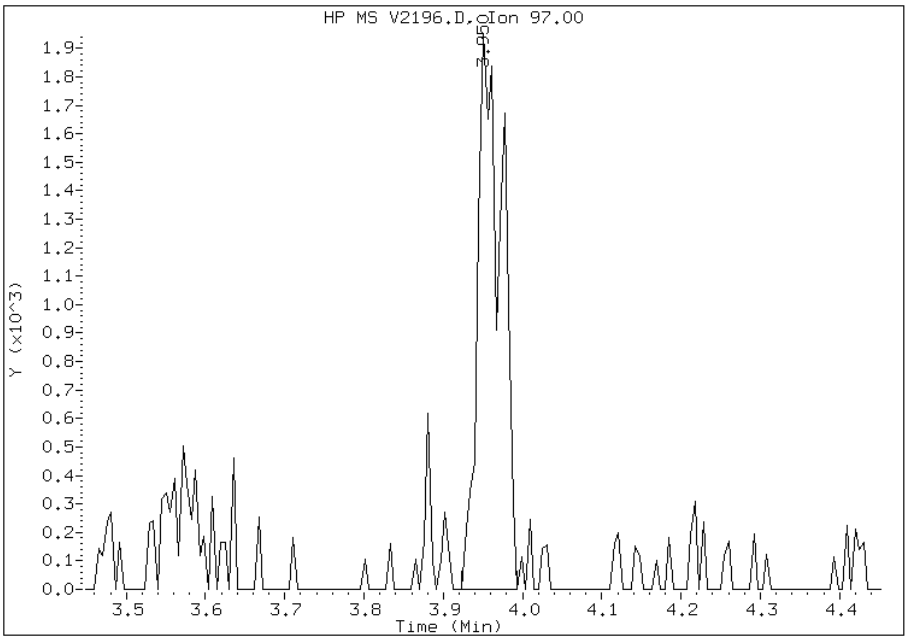
Manual Integration Results

RT: 3.95

Response: 4130

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 30 Acrylonitrile
CAS #: 107-13-1
Report Date: 07/14/2011

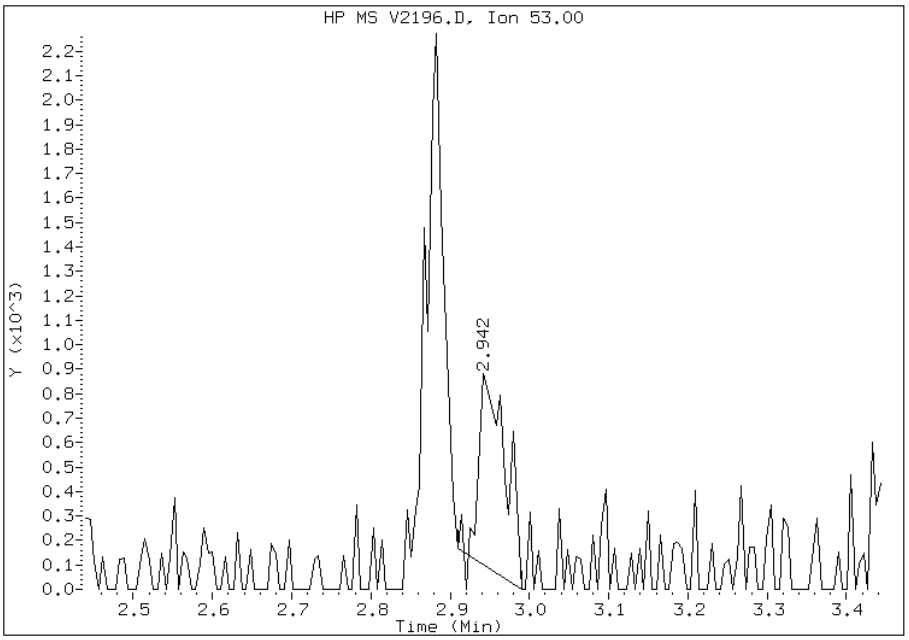
Processing Integration Results

RT: 2.94

Response: 1849

Amount: 1

Conc: 1



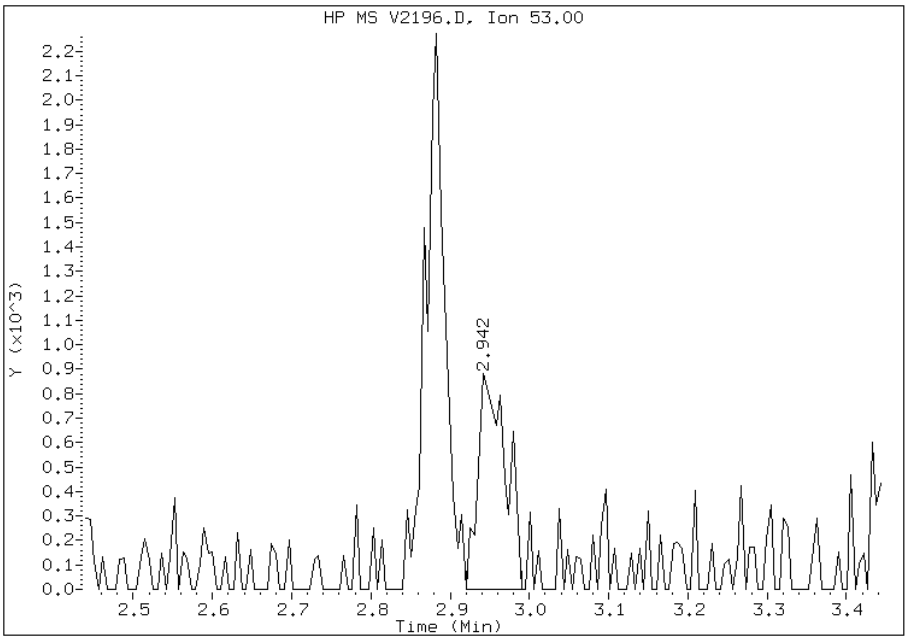
Manual Integration Results

RT: 2.94

Response: 2125

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 60 Trichloroethene
CAS #: 79-01-6
Report Date: 07/14/2011

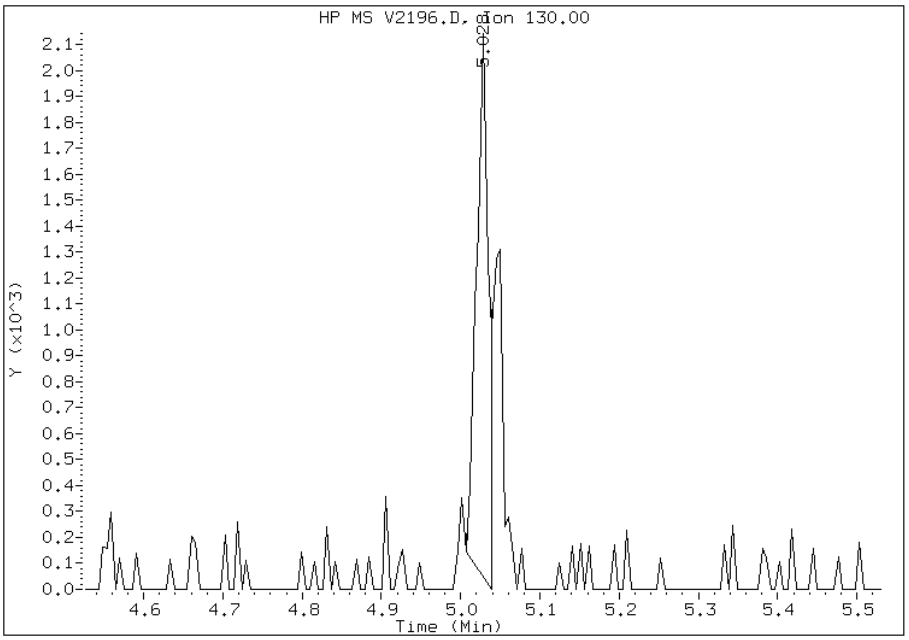
Processing Integration Results

RT: 5.03

Response: 2217

Amount: 0

Conc: 0



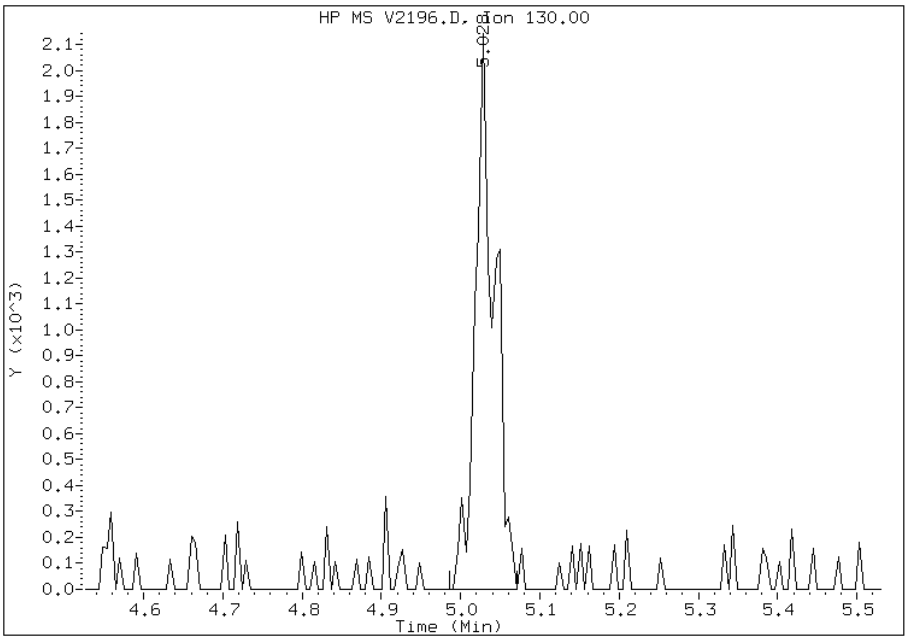
Manual Integration Results

RT: 5.03

Response: 3569

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

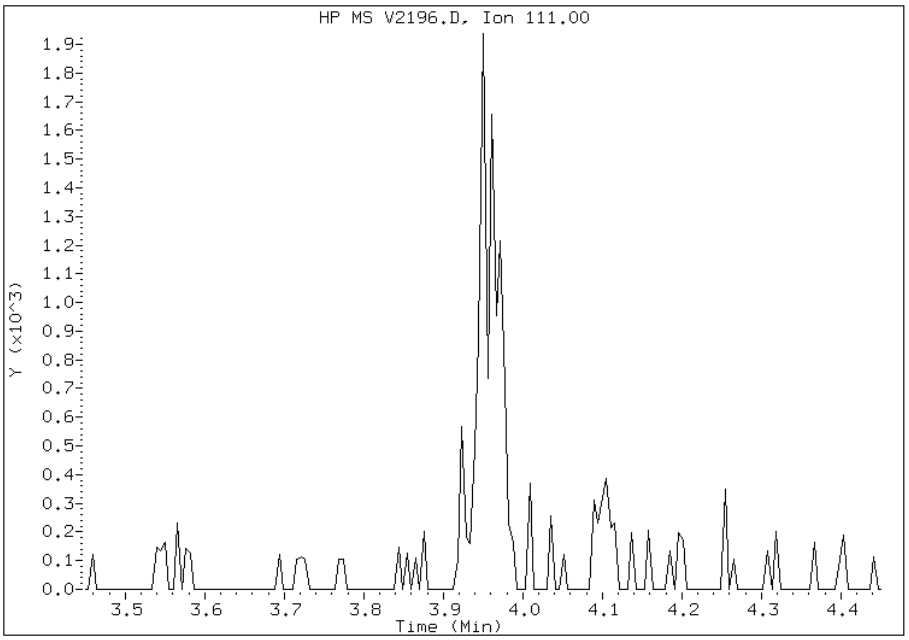
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 41 Dibromofluoromethane
CAS #: 1868-53-7
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.95



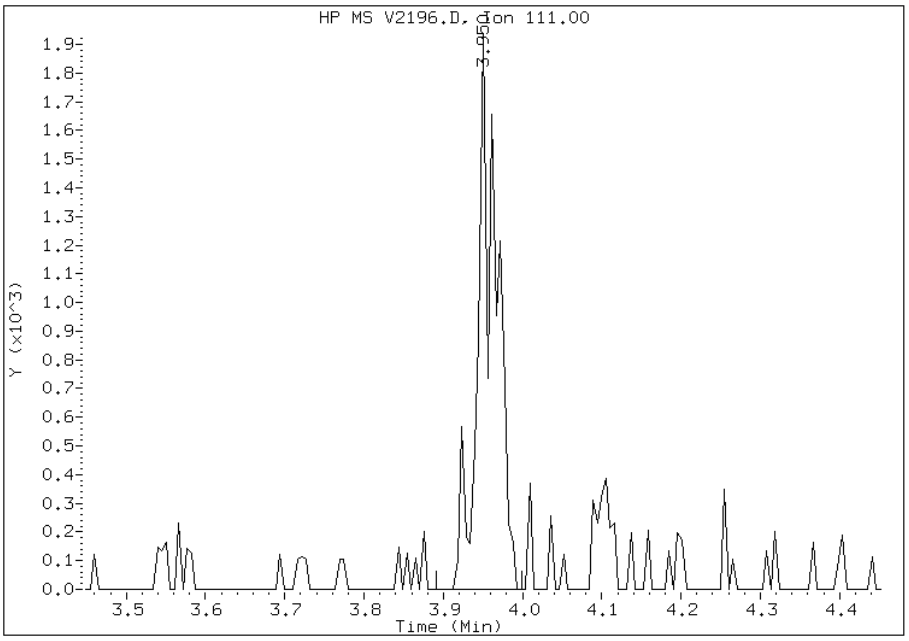
Manual Integration Results

RT: 3.95

Response: 3195

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

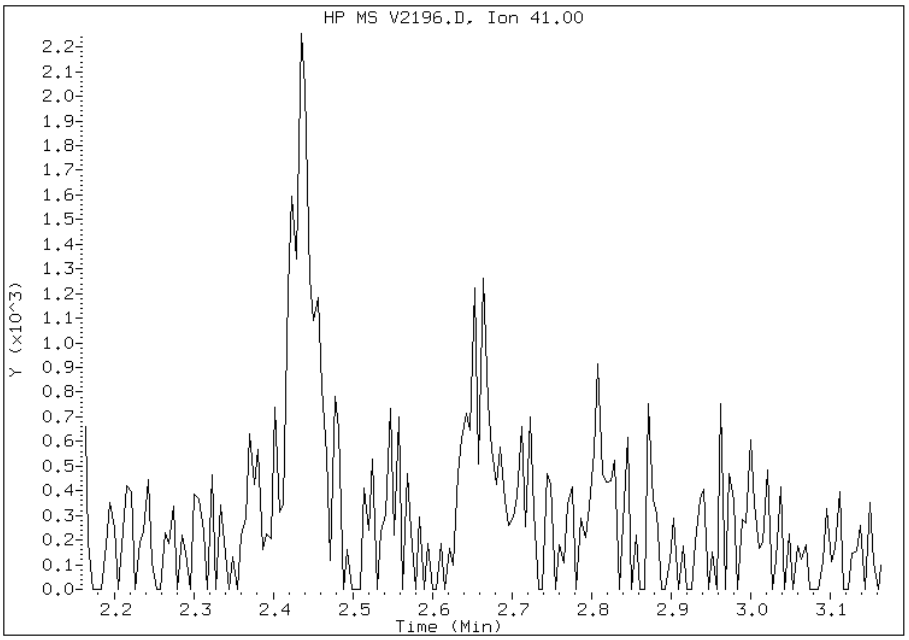
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.66



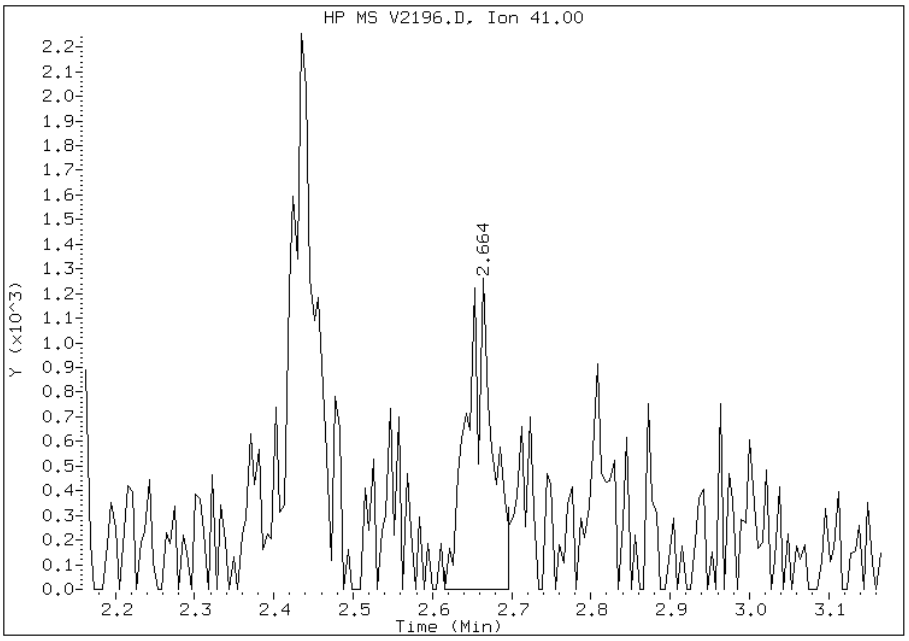
Manual Integration Results

RT: 2.66

Response: 2769

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 27 Isopropyl ether
CAS #: 108-20-3
Report Date: 07/14/2011

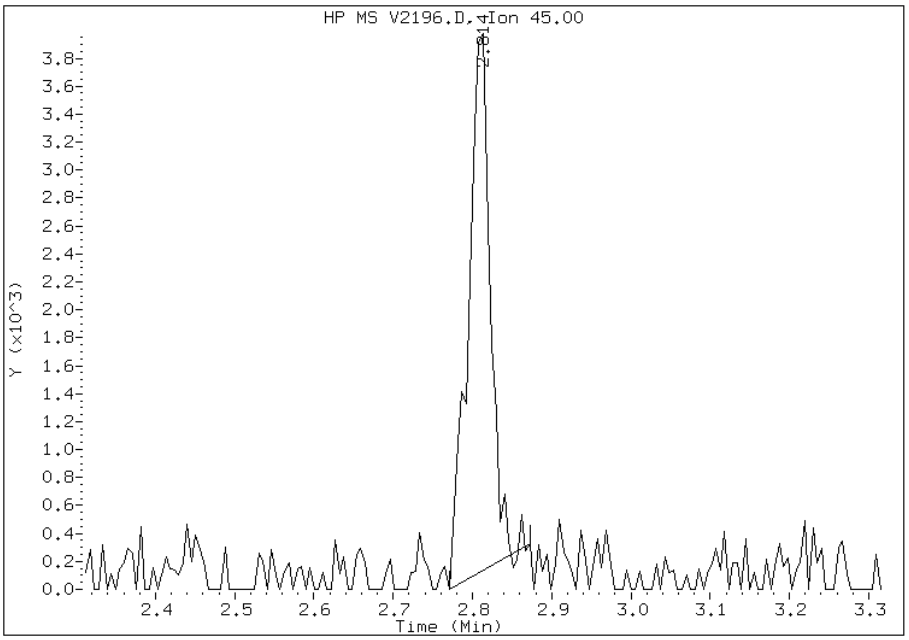
Processing Integration Results

RT: 2.81

Response: 7367

Amount: 0

Conc: 0



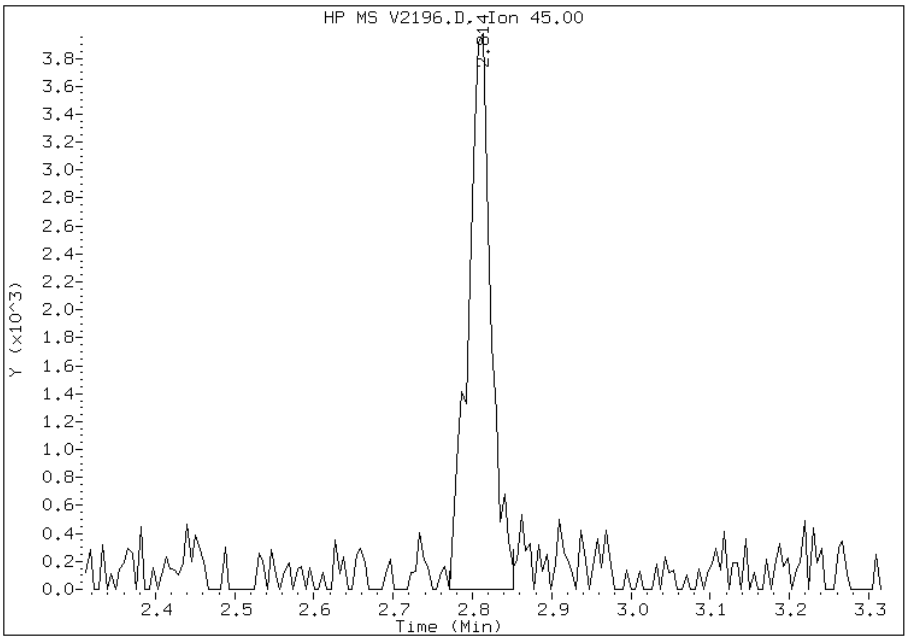
Manual Integration Results

RT: 2.81

Response: 7974

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 65 Bromodichloromethane
CAS #: 75-27-4
Report Date: 07/14/2011

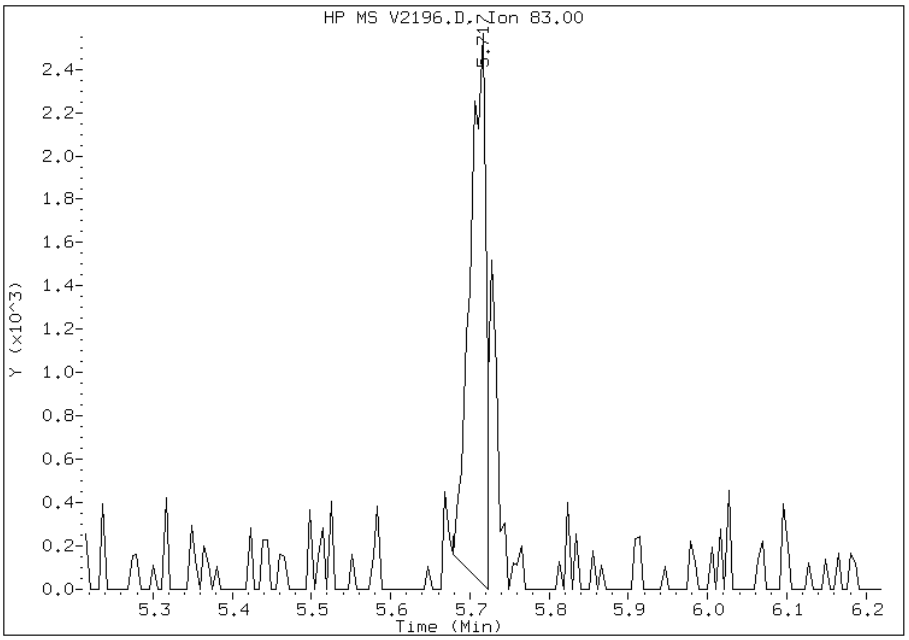
Processing Integration Results

RT: 5.72

Response: 3471

Amount: 0

Conc: 0



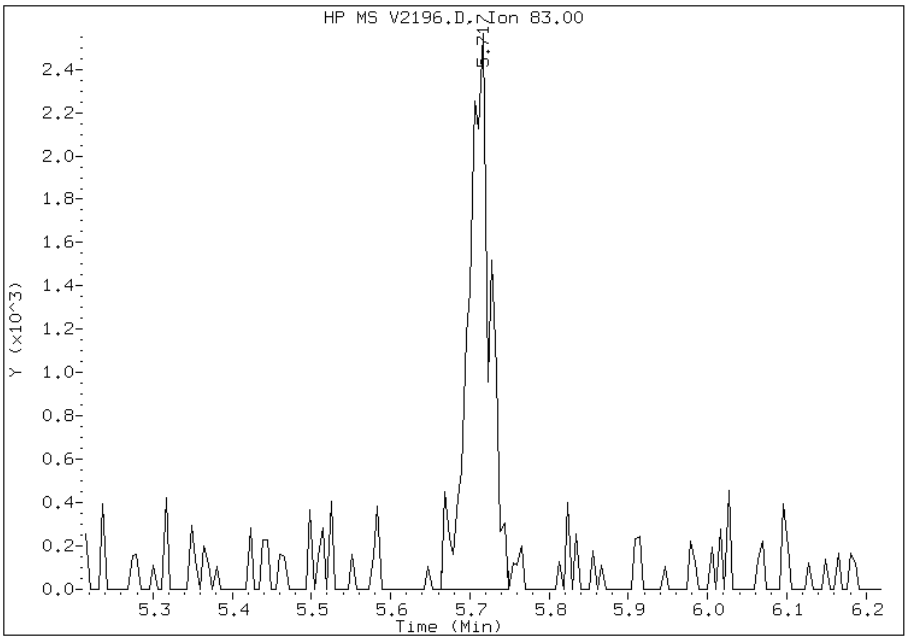
Manual Integration Results

RT: 5.72

Response: 4920

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

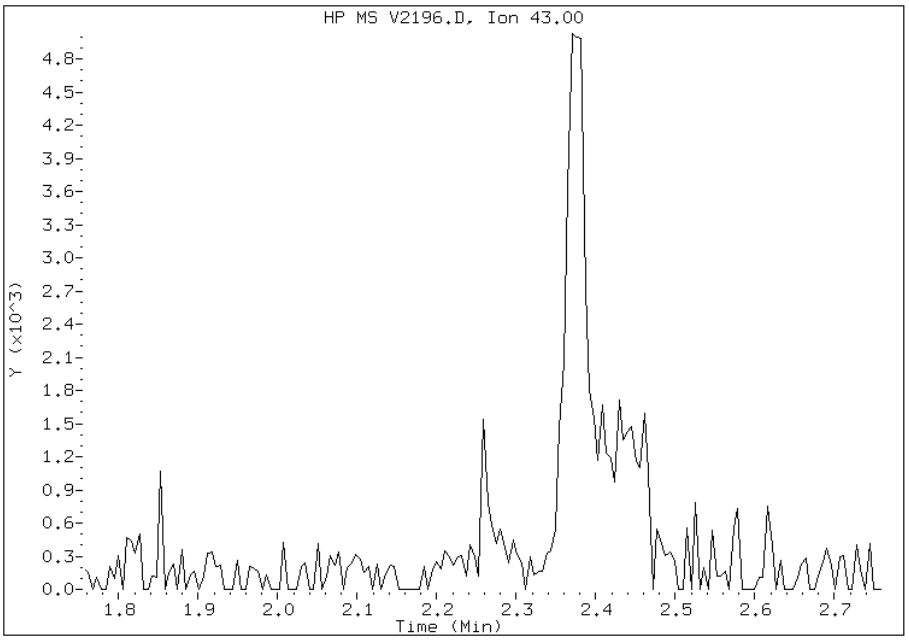
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.26



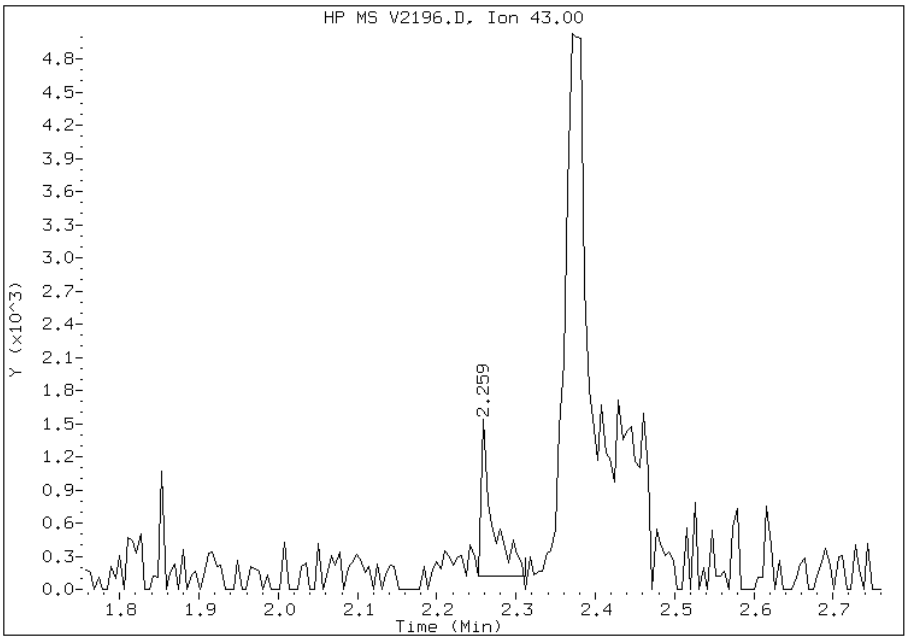
Manual Integration Results

RT: 2.26

Response: 1340

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

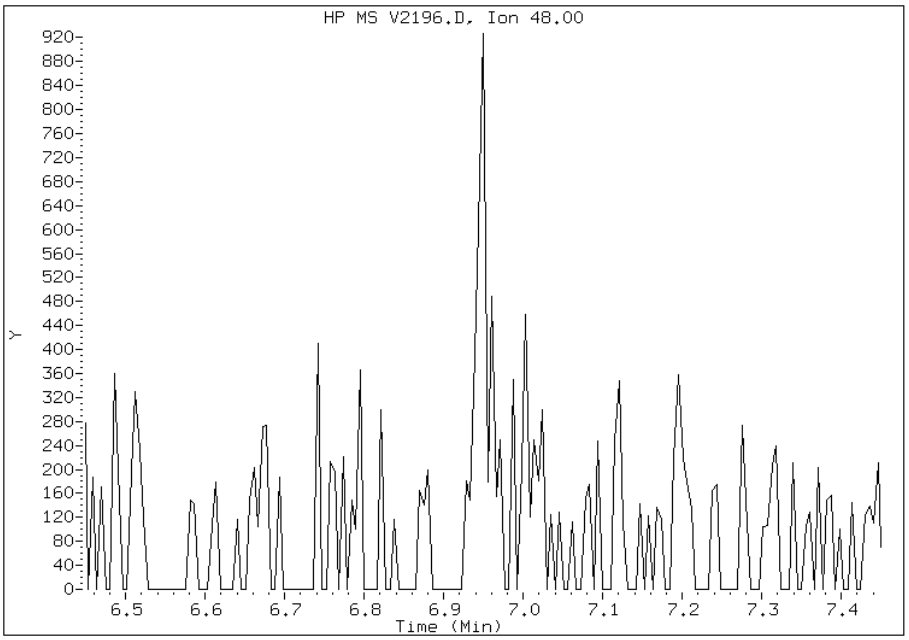
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 6.95



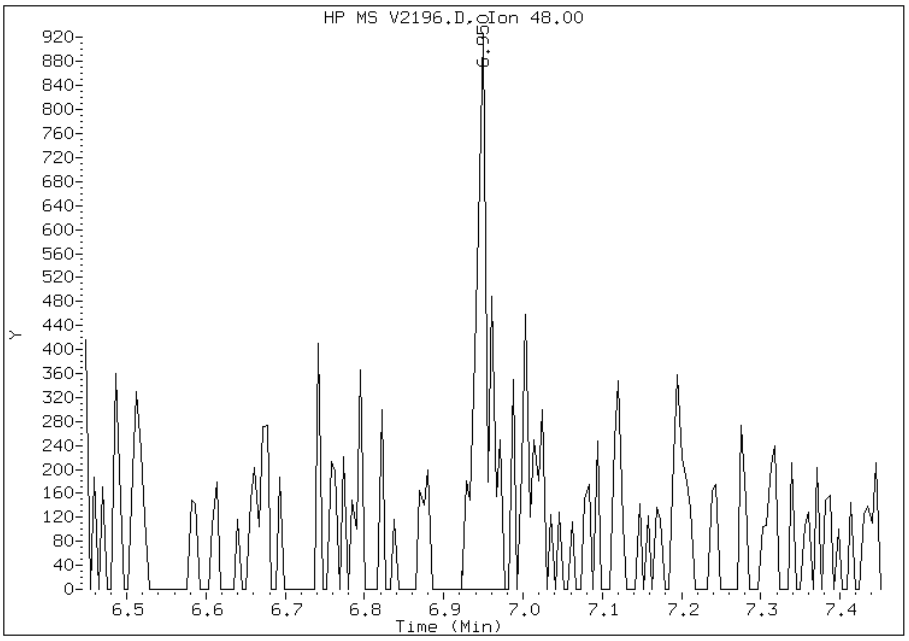
Manual Integration Results

RT: 6.95

Response: 1064

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

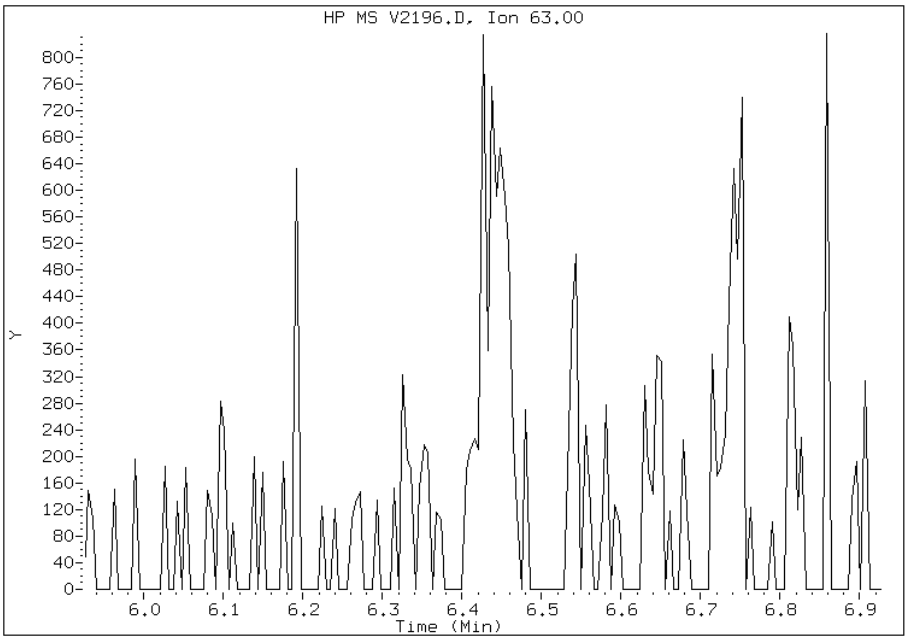
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 69 2-Chloroethylvinylether
CAS #: 110-75-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 6.43



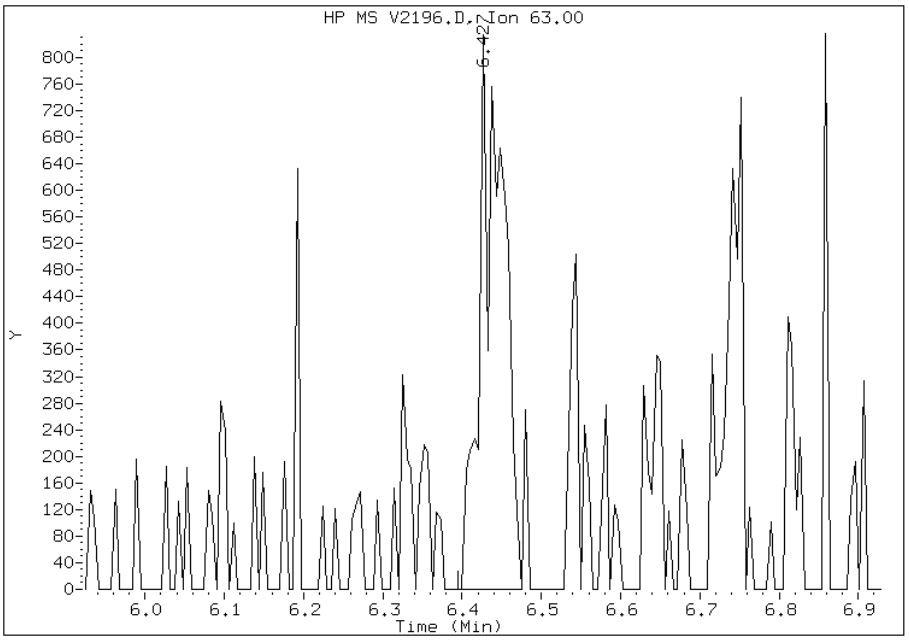
Manual Integration Results

RT: 6.43

Response: 1753

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

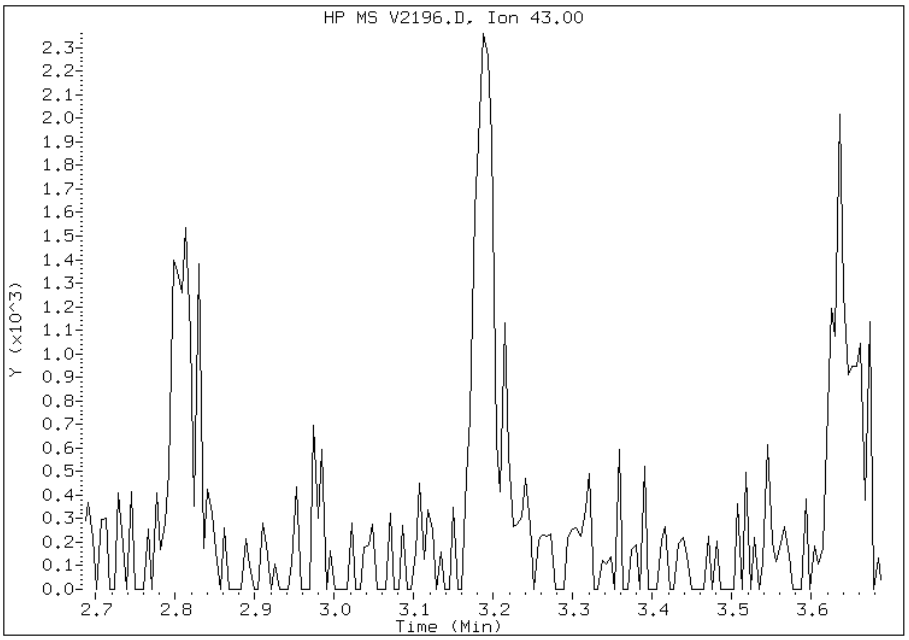
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.19



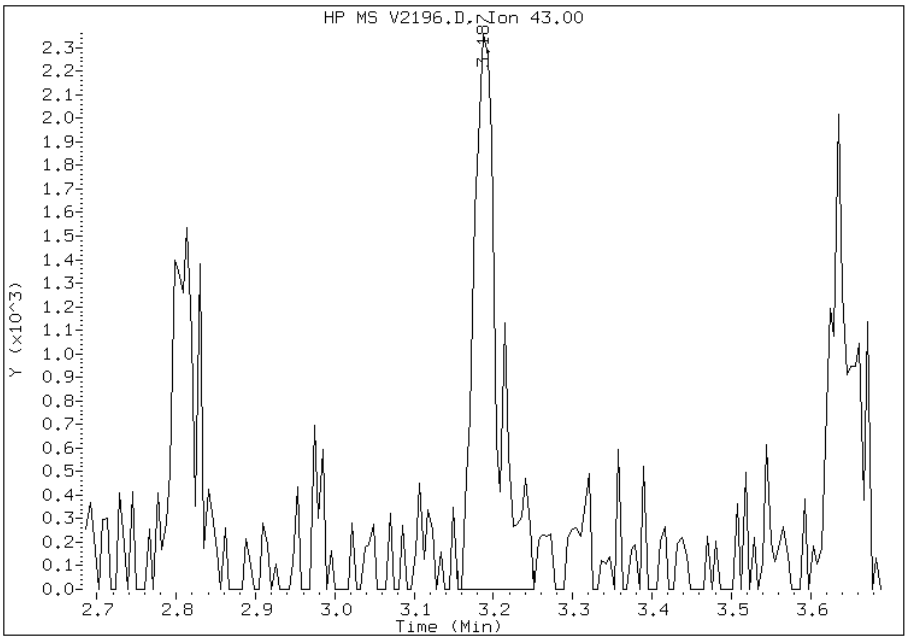
Manual Integration Results

RT: 3.19

Response: 4991

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

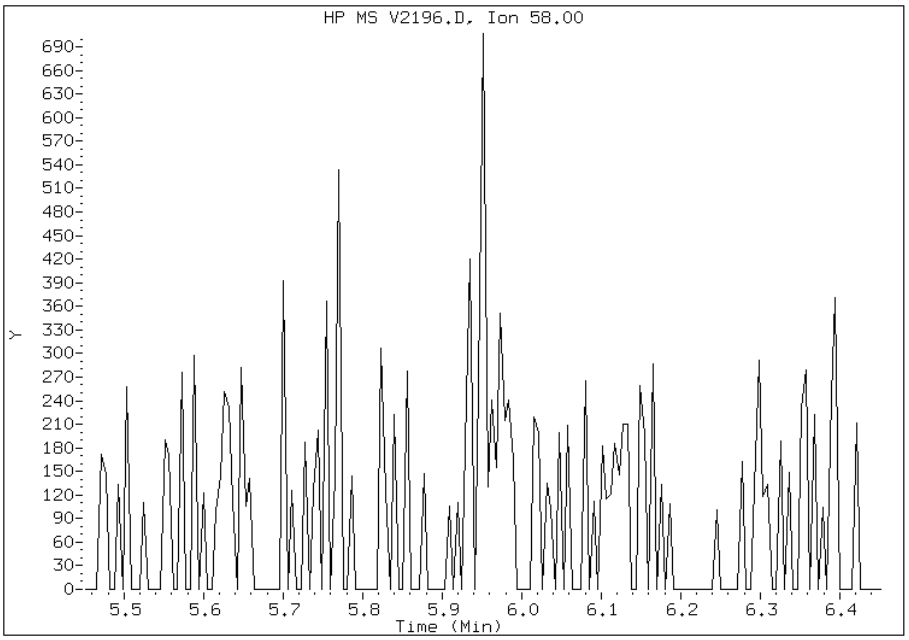
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.95



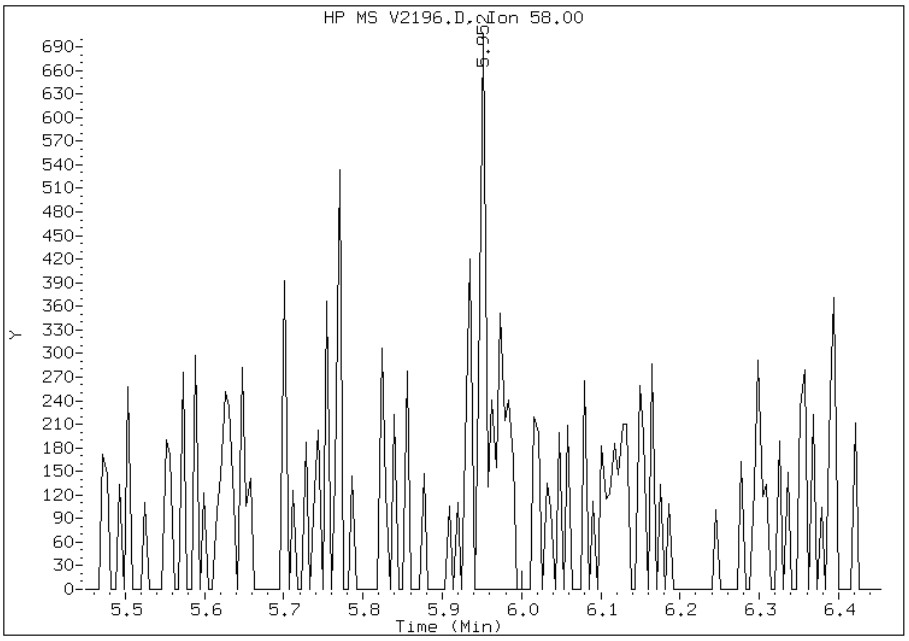
Manual Integration Results

RT: 5.95

Response: 789

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

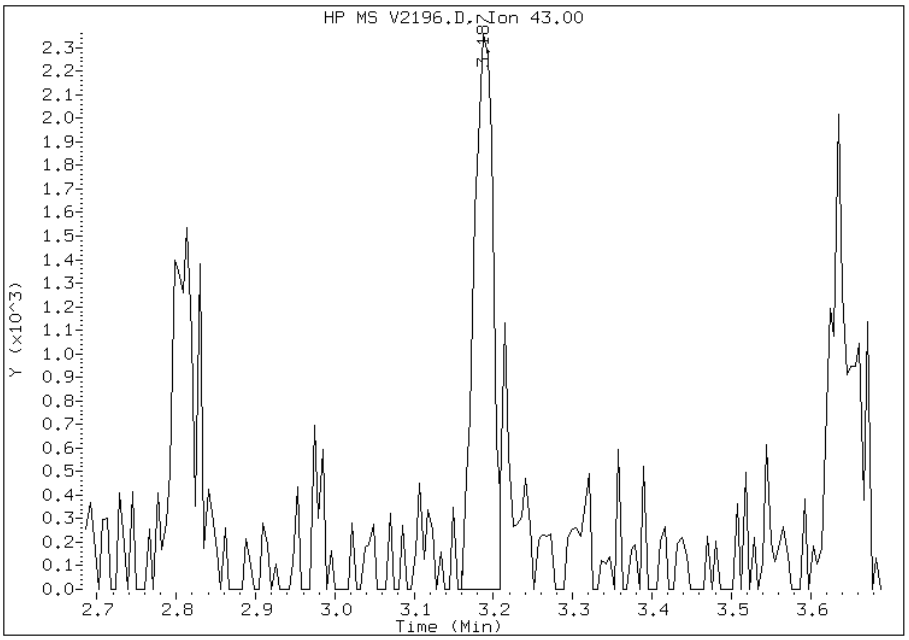
Processing Integration Results

RT: 3.19

Response: 3936

Amount: 0

Conc: 0



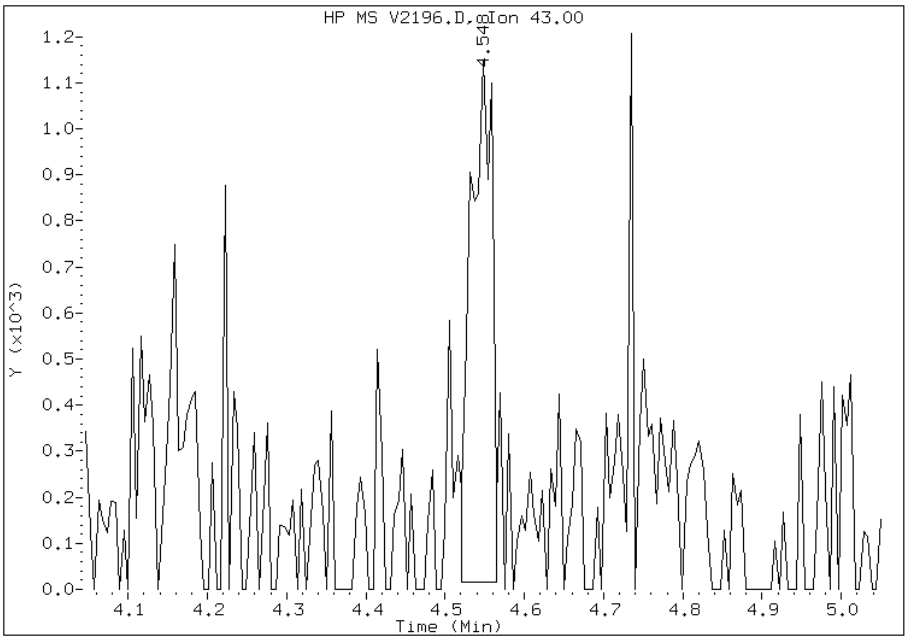
Manual Integration Results

RT: 4.55

Response: 2098

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

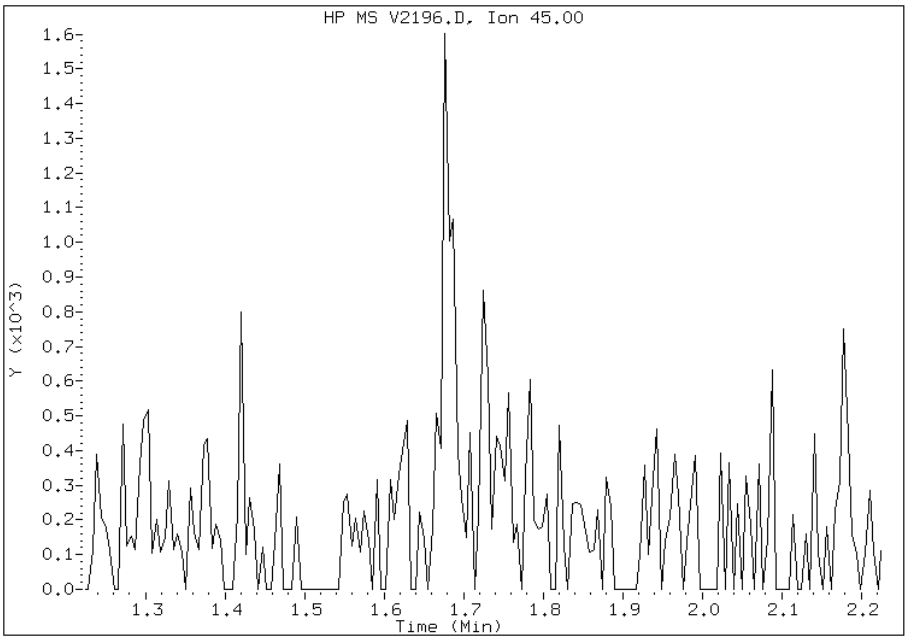
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.72



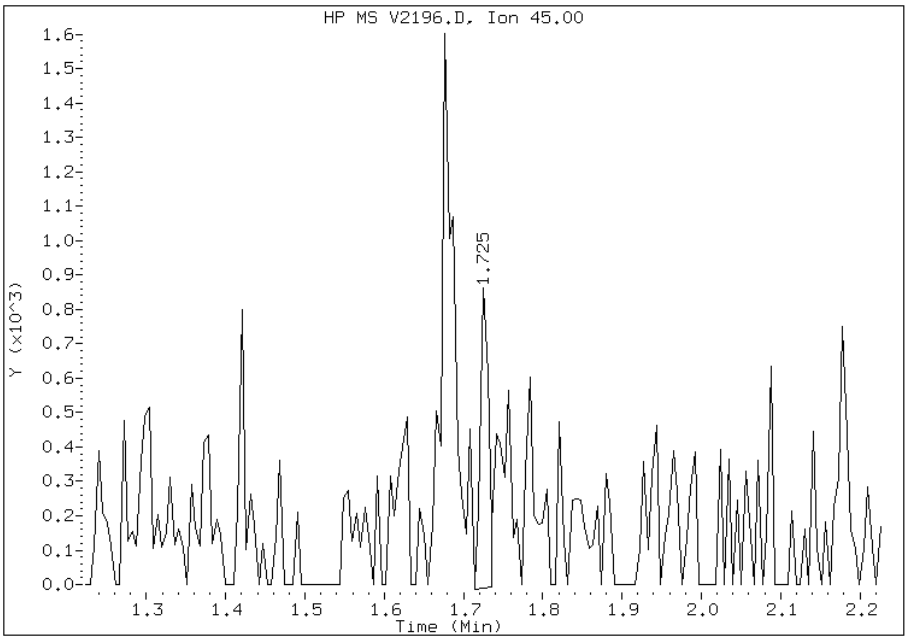
Manual Integration Results

RT: 1.72

Response: 615

Amount: 11

Conc: 11



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 43 Carbon Tetrachloride
CAS #: 56-23-5
Report Date: 07/14/2011

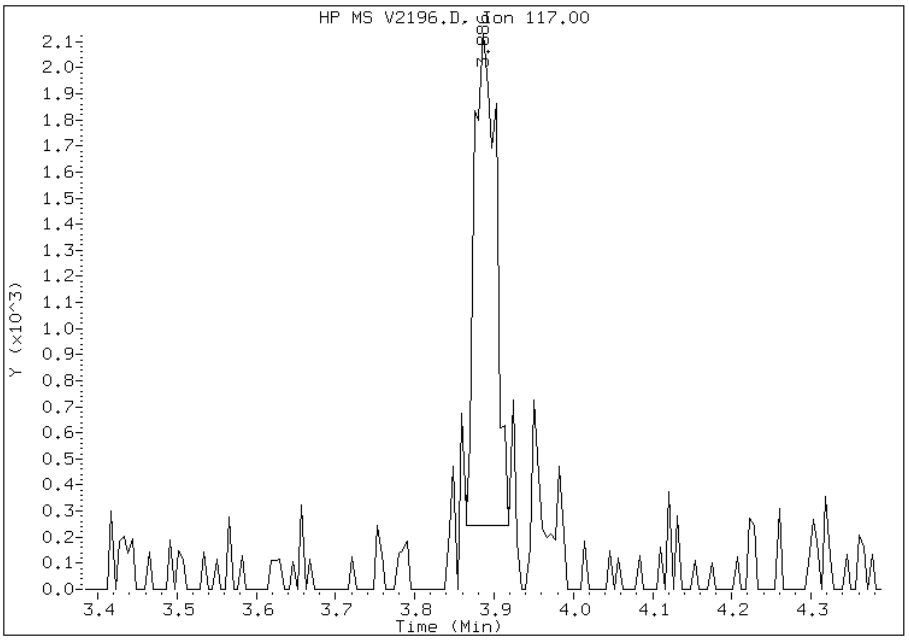
Processing Integration Results

RT: 3.89

Response: 3482

Amount: 0

Conc: 0



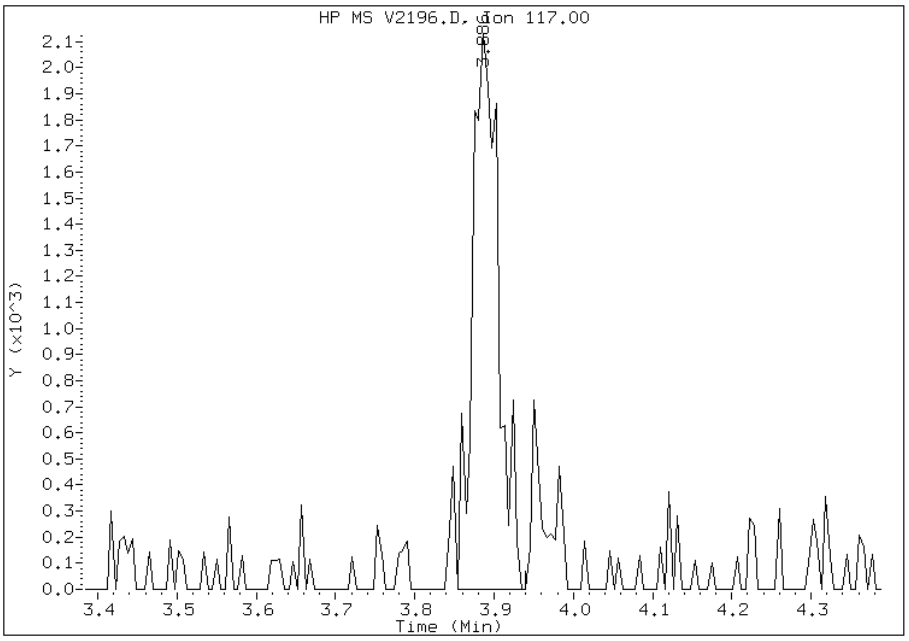
Manual Integration Results

RT: 3.89

Response: 4859

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 83 1,3-Dichloropropane
CAS #: 142-28-9
Report Date: 07/14/2011

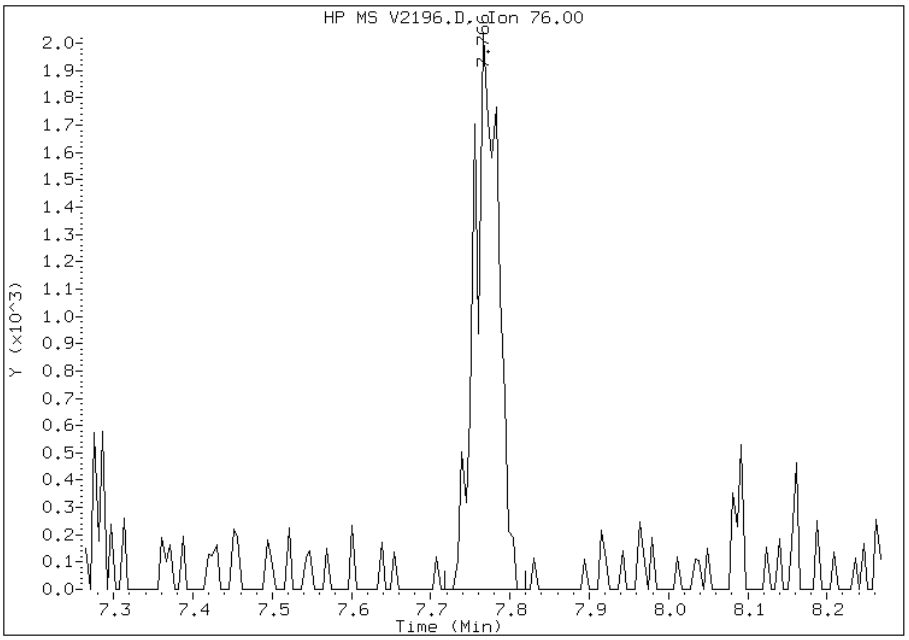
Processing Integration Results

RT: 7.77

Response: 4323

Amount: 0

Conc: 0



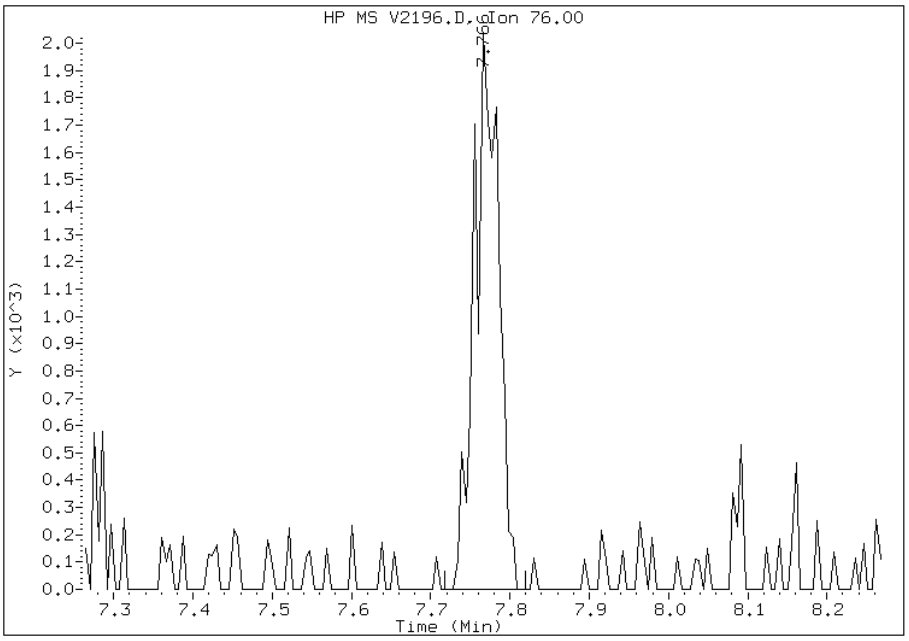
Manual Integration Results

RT: 7.77

Response: 4323

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 40 Methyl Acrylate
CAS #: 96-33-3
Report Date: 07/14/2011

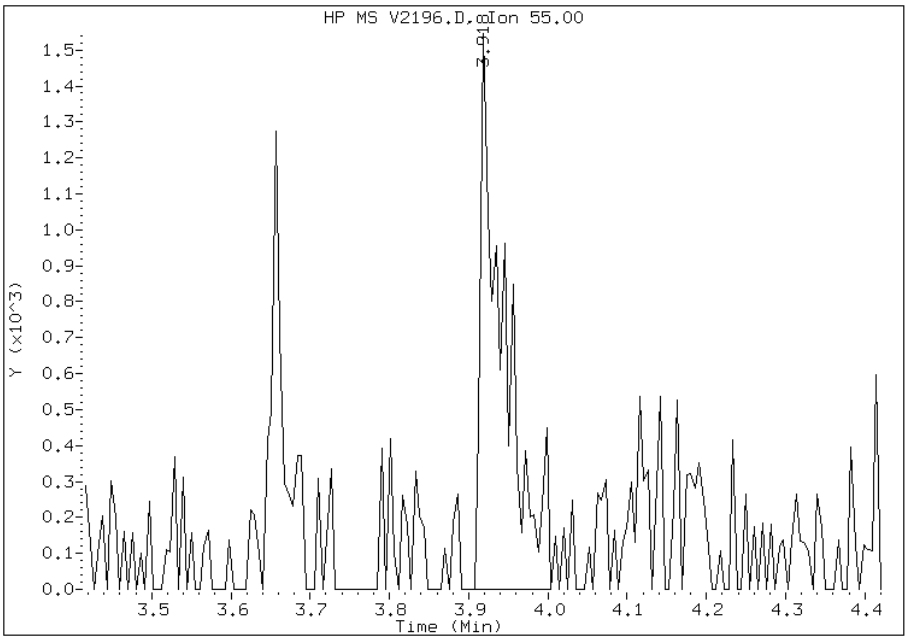
Processing Integration Results

RT: 3.92

Response: 3107

Amount: 1

Conc: 1



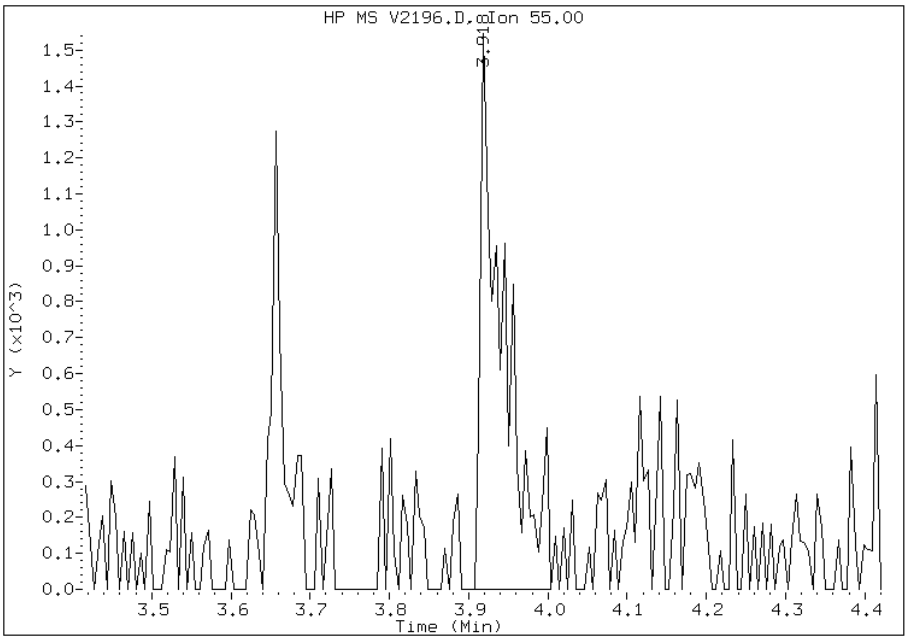
Manual Integration Results

RT: 3.92

Response: 3107

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

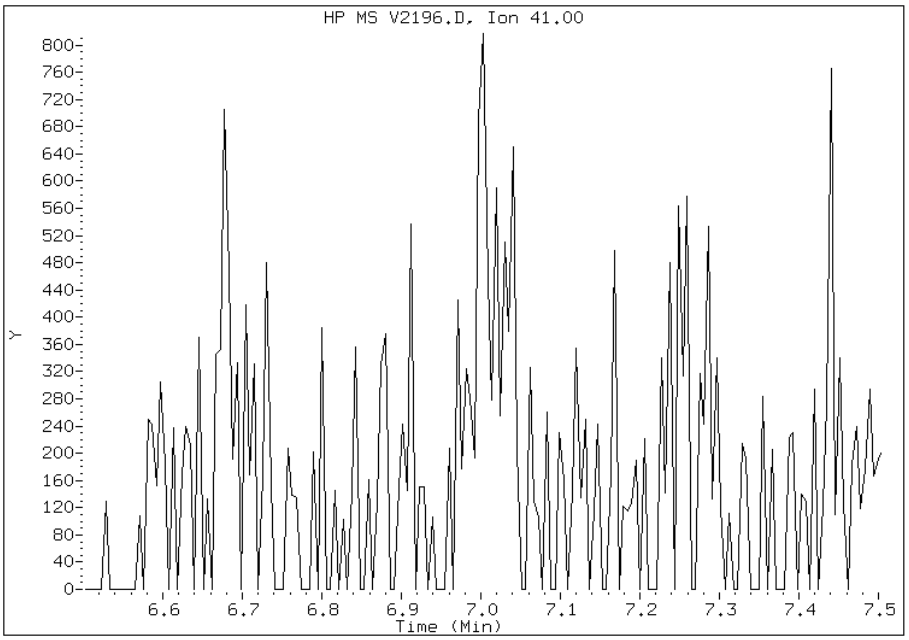
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 7.00



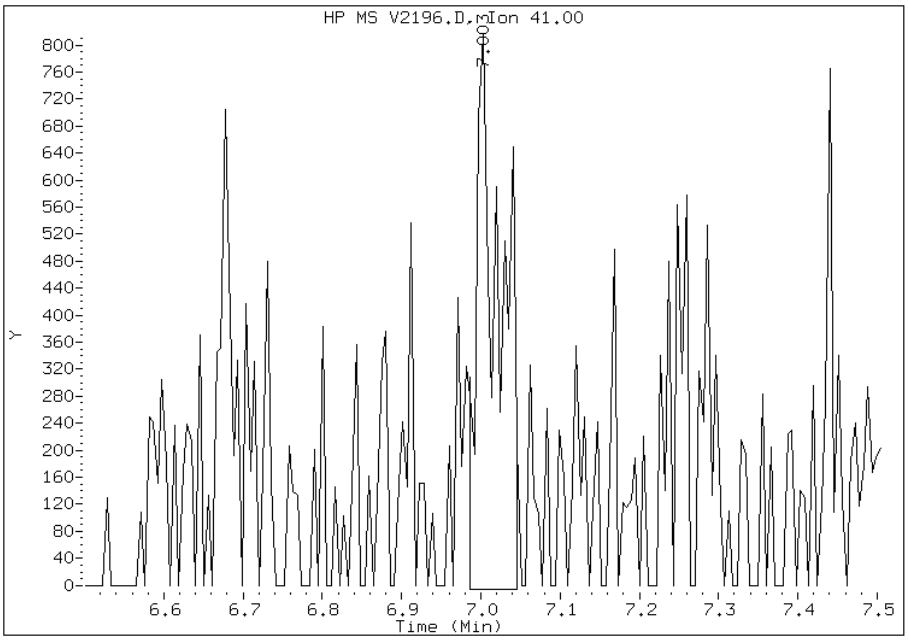
Manual Integration Results

RT: 7.00

Response: 1723

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

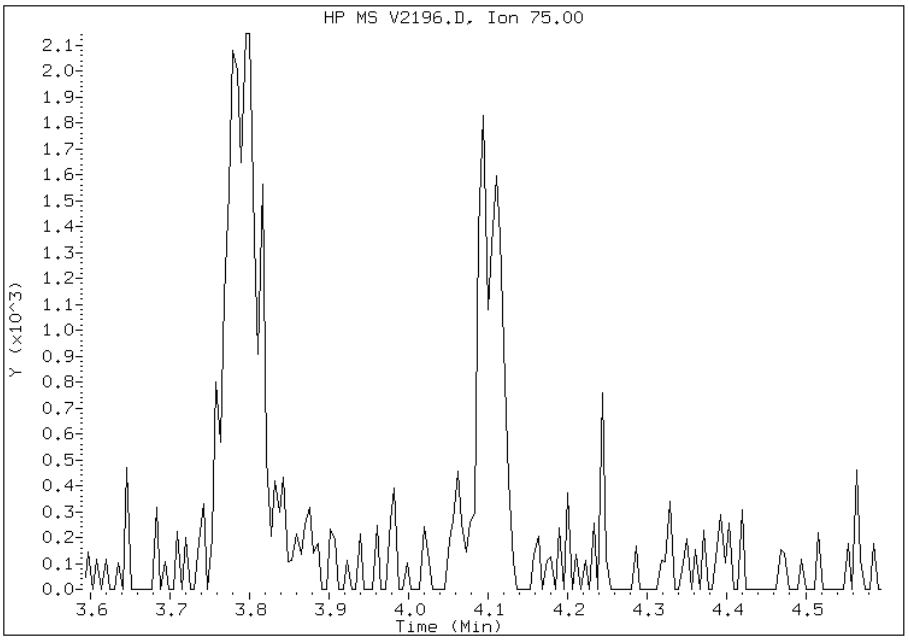
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 46 1,1-Dichloropropene
CAS #: 563-58-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.09



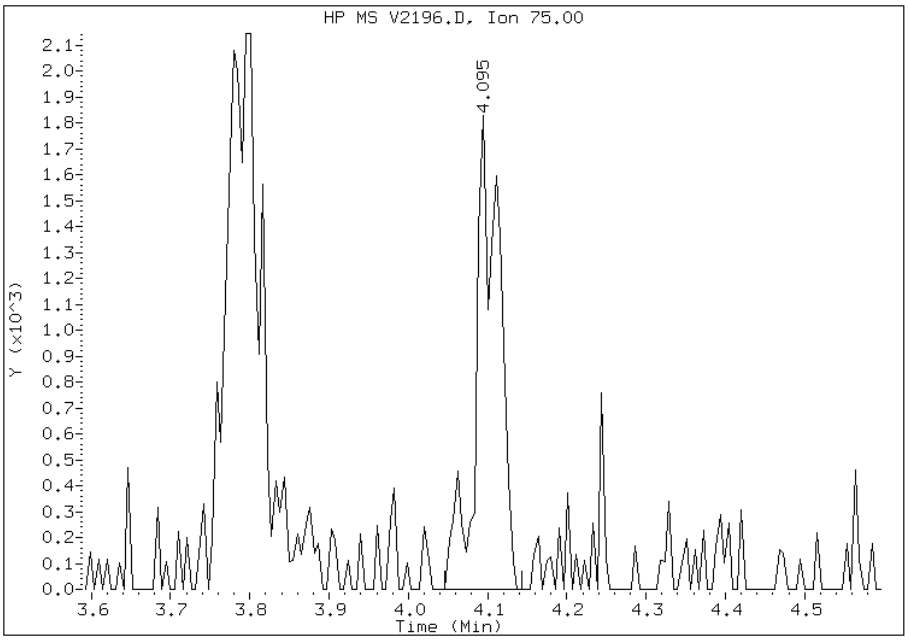
Manual Integration Results

RT: 4.09

Response: 3767

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

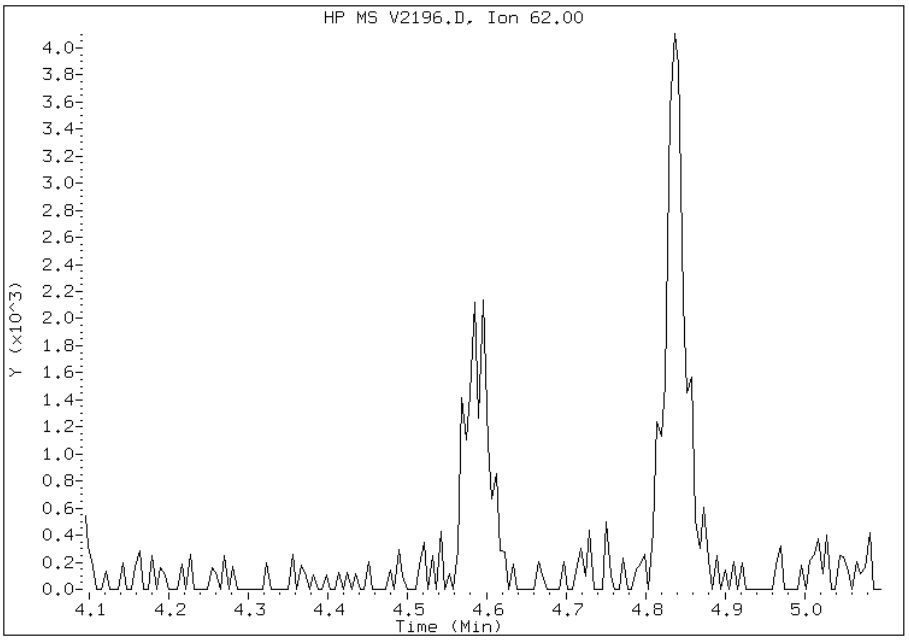
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 56 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.60



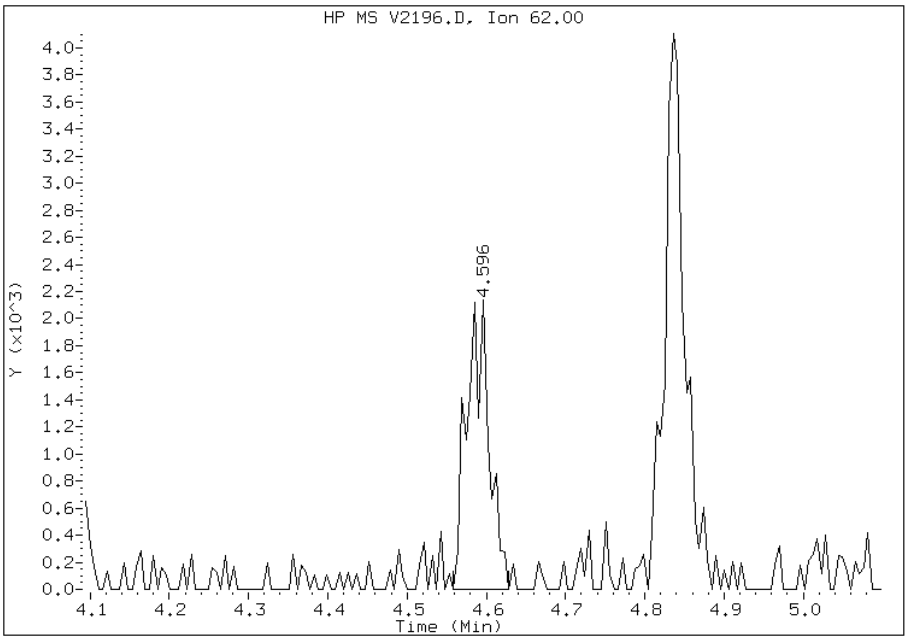
Manual Integration Results

RT: 4.60

Response: 4143

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

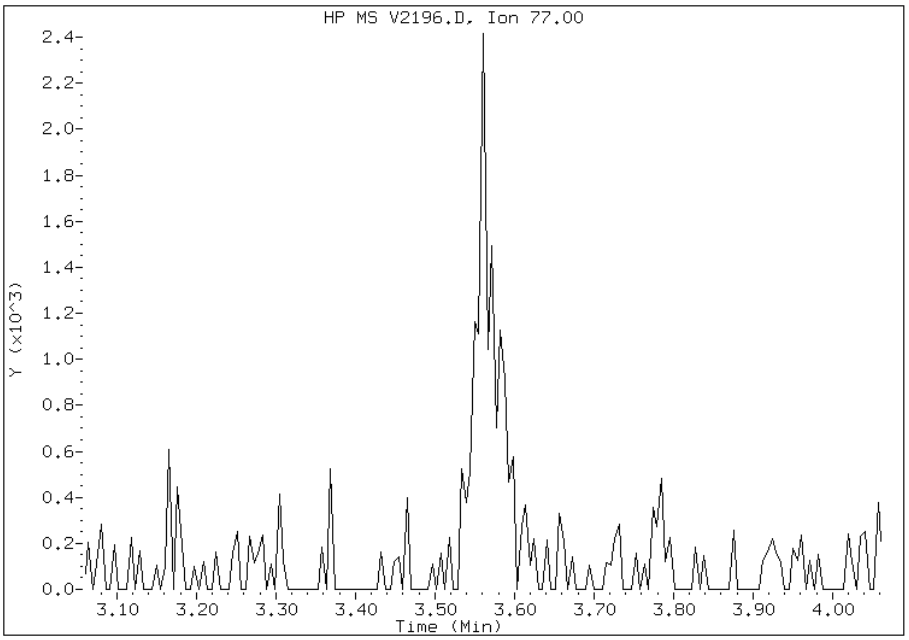
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 34 2,2-Dichloropropane
CAS #: 594-20-7
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.56



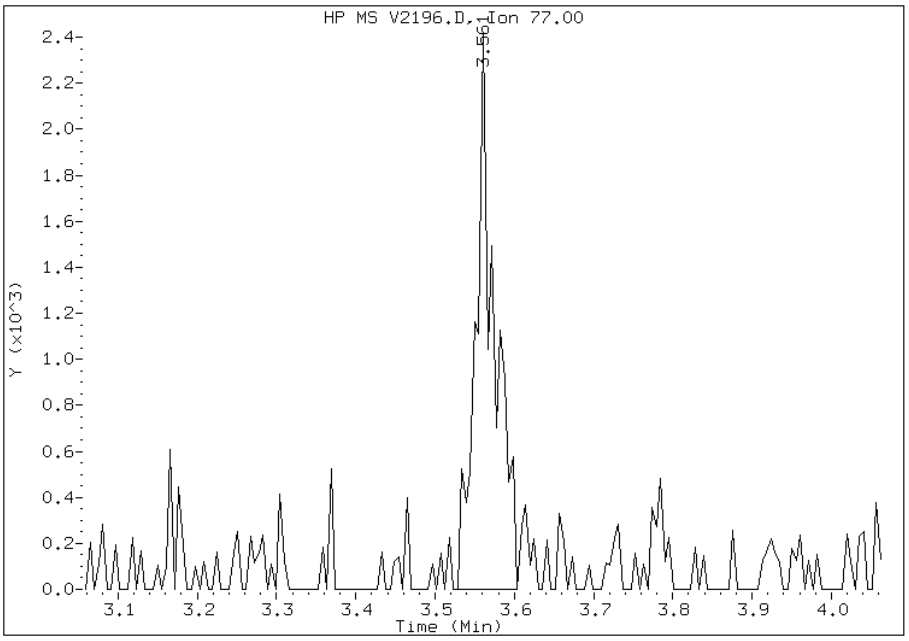
Manual Integration Results

RT: 3.56

Response: 3976

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

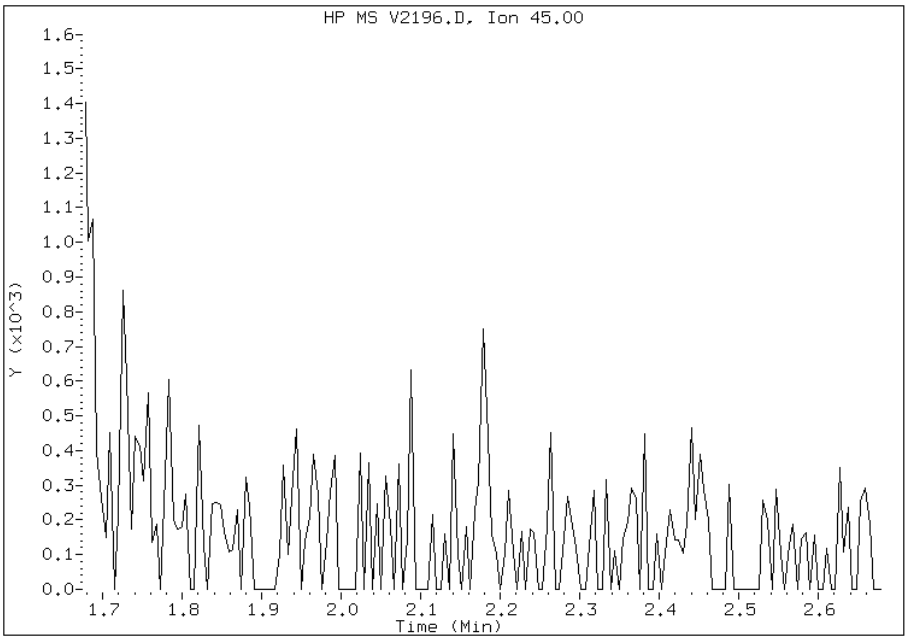
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.18



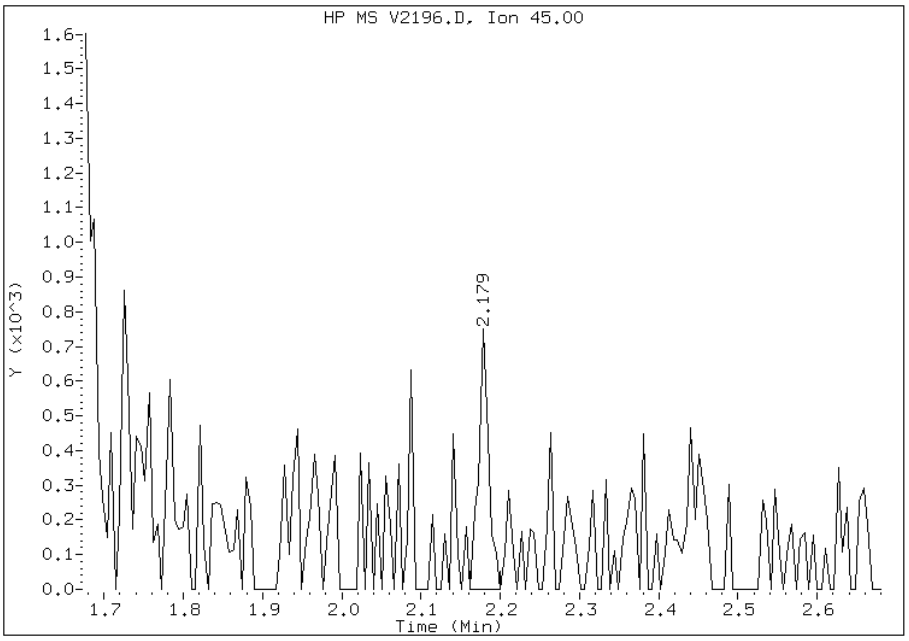
Manual Integration Results

RT: 2.18

Response: 634

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

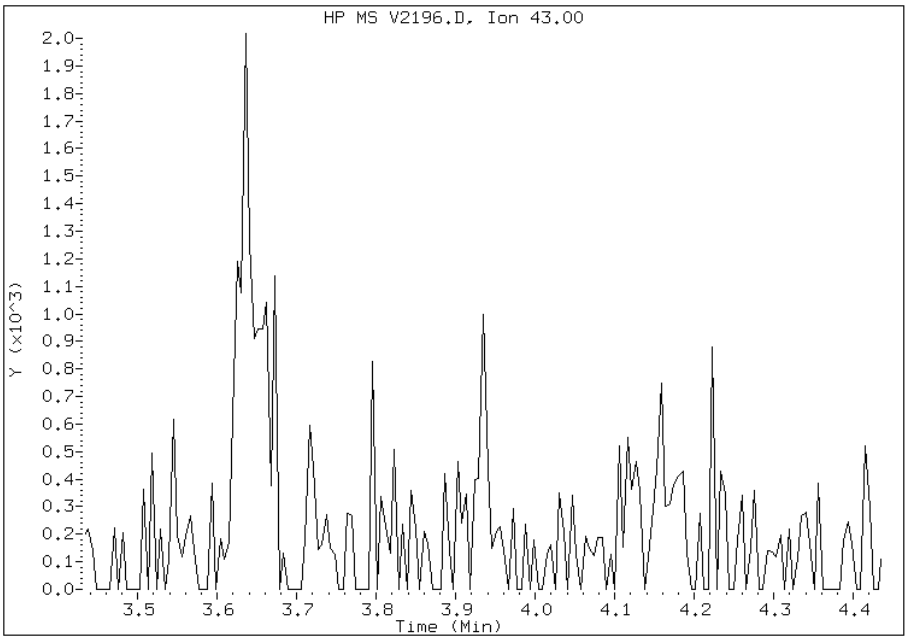
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



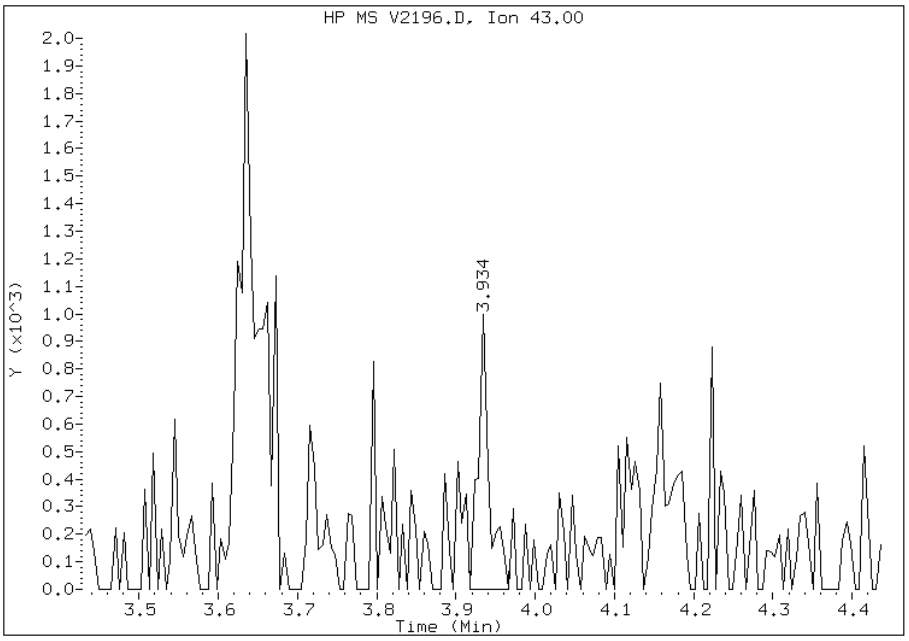
Manual Integration Results

RT: 3.93

Response: 941

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

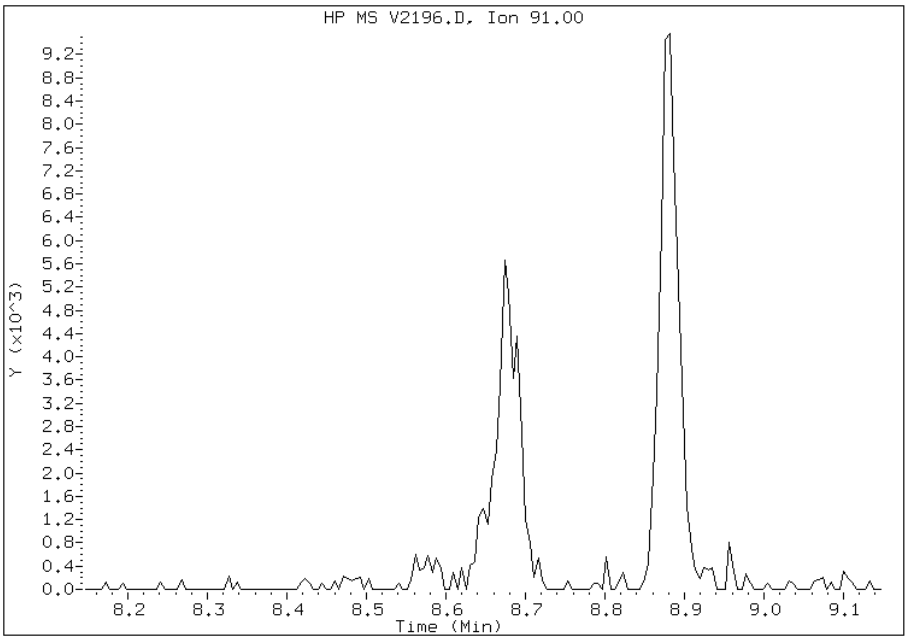
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 8.65



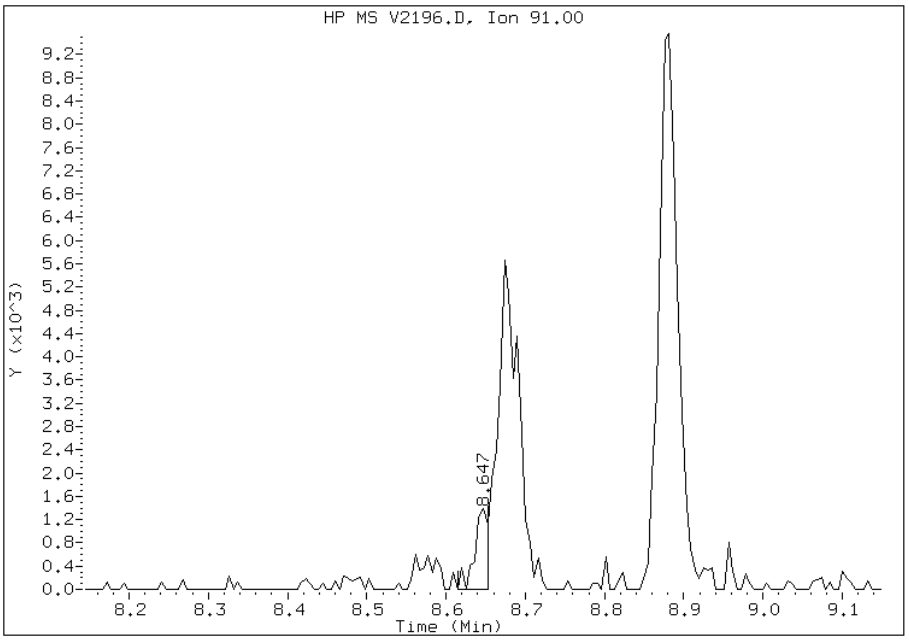
Manual Integration Results

RT: 8.65

Response: 1606

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

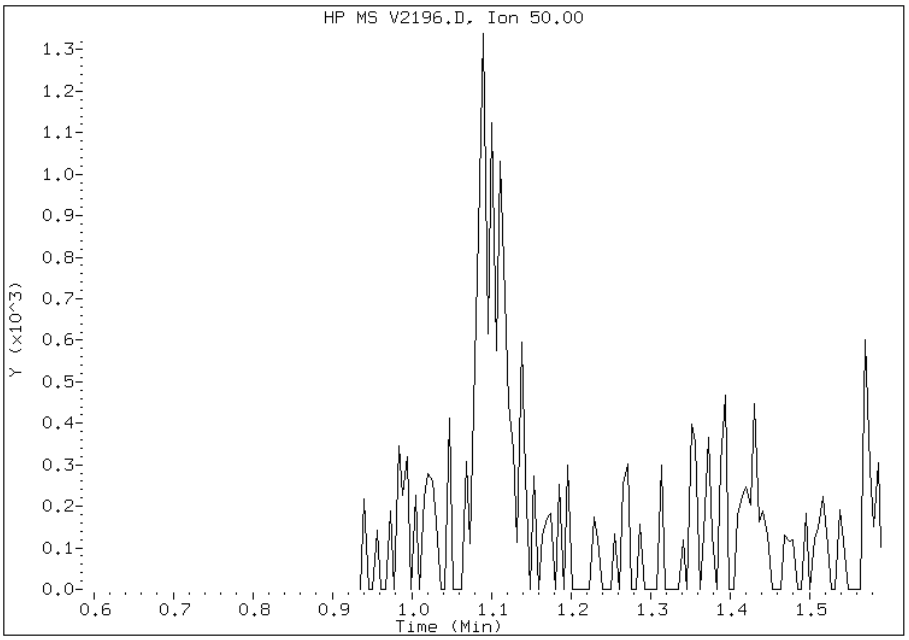
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.09



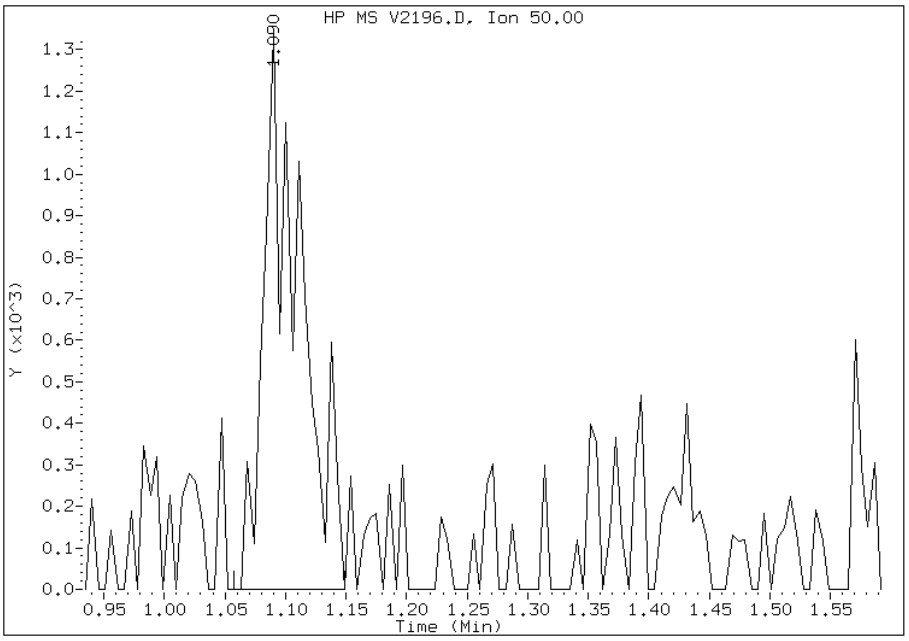
Manual Integration Results

RT: 1.09

Response: 2876

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

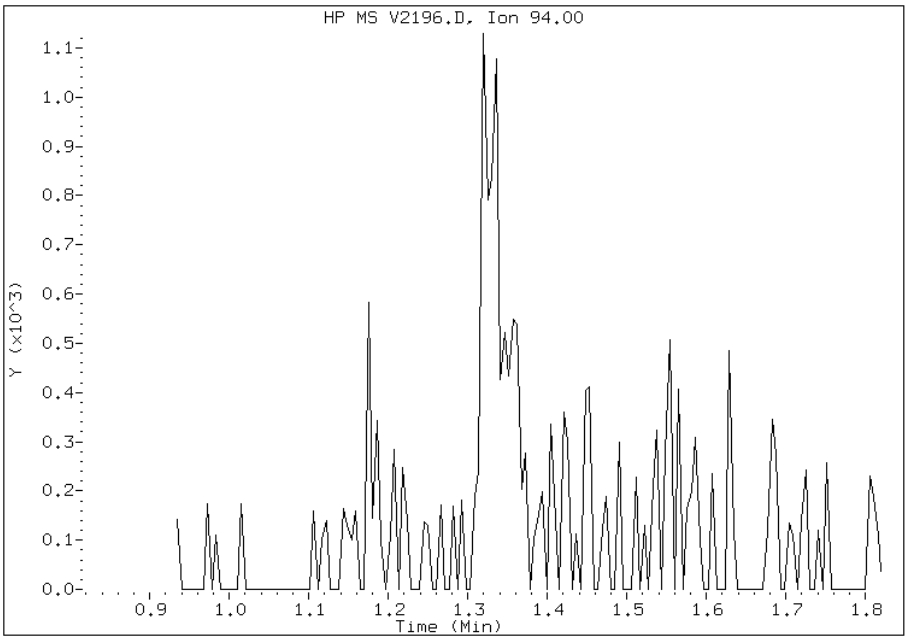
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.32



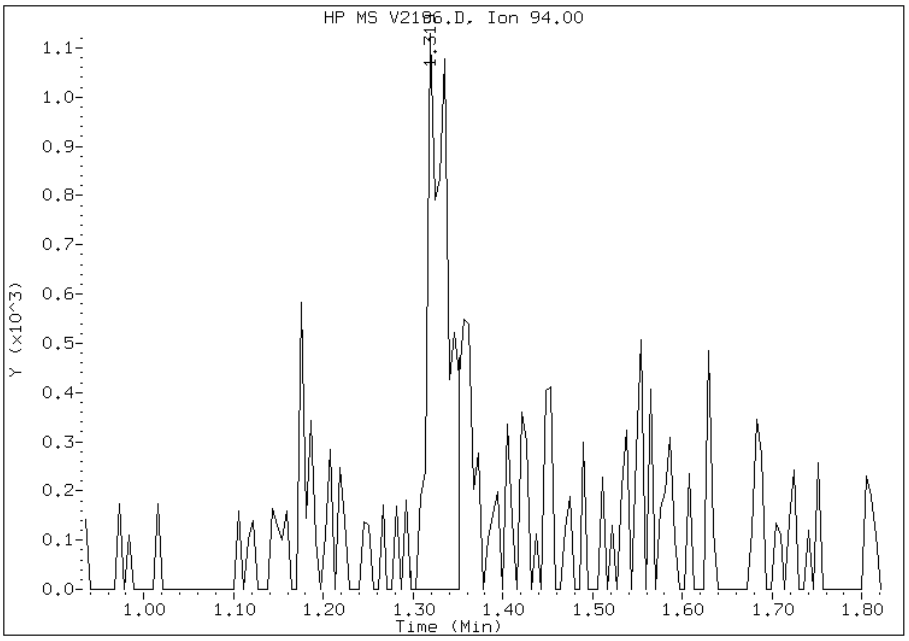
Manual Integration Results

RT: 1.32

Response: 1807

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

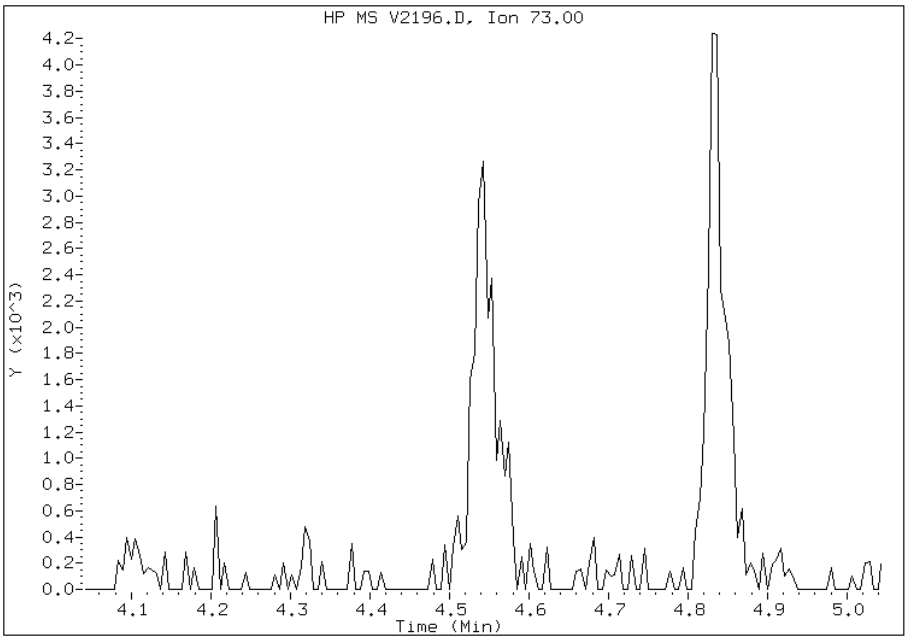
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 47 tert-Amyl methyl ether
CAS #: 994-05-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.54



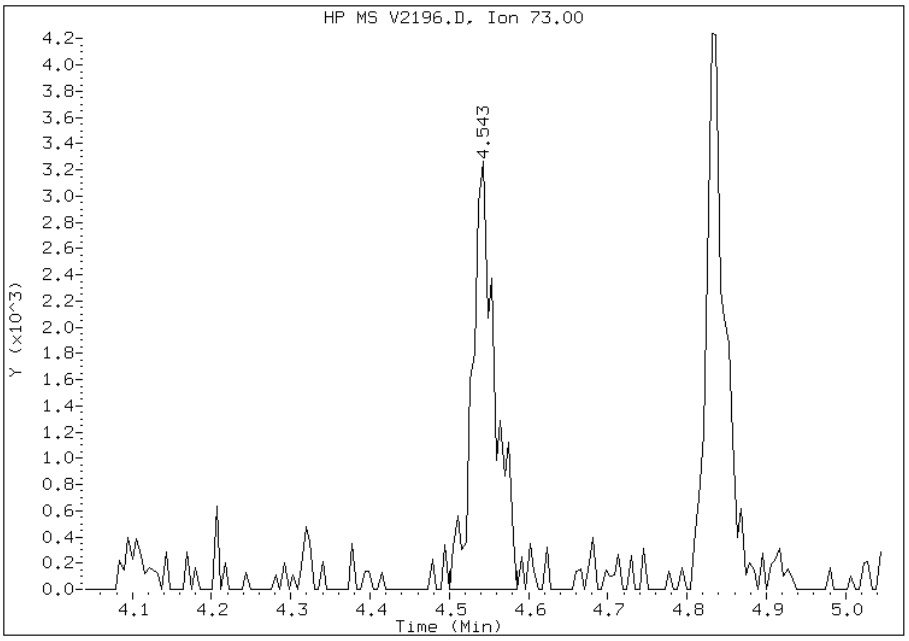
Manual Integration Results

RT: 4.54

Response: 6486

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 66 Methyl Methacrylate
CAS #: 80-62-6
Report Date: 07/14/2011

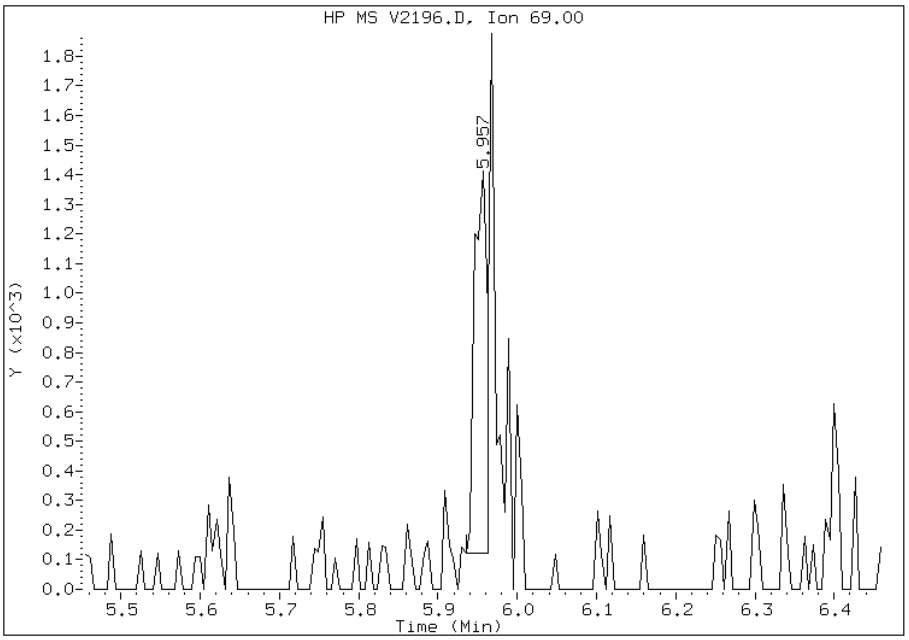
Processing Integration Results

RT: 5.96

Response: 1386

Amount: 0

Conc: 0



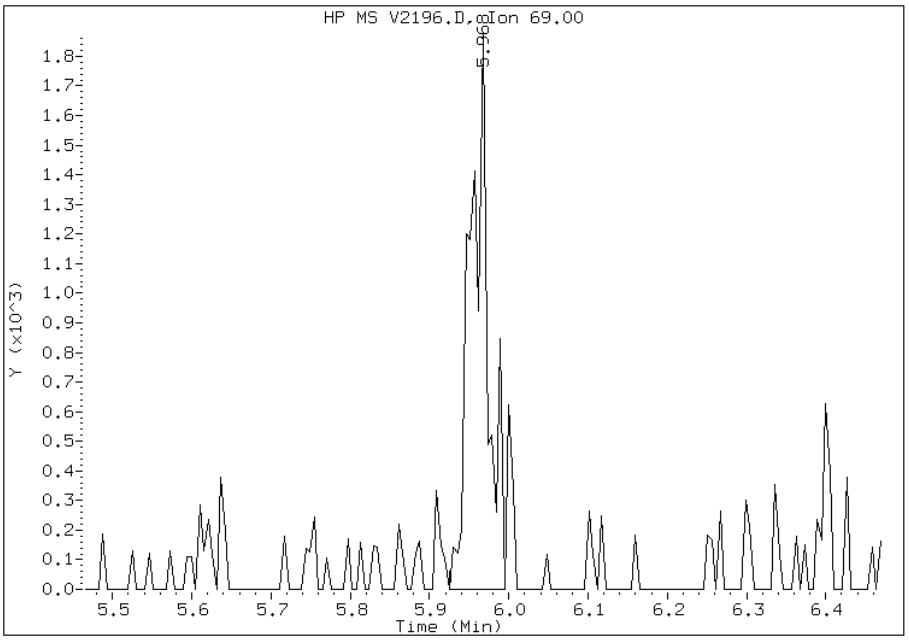
Manual Integration Results

RT: 5.97

Response: 2946

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

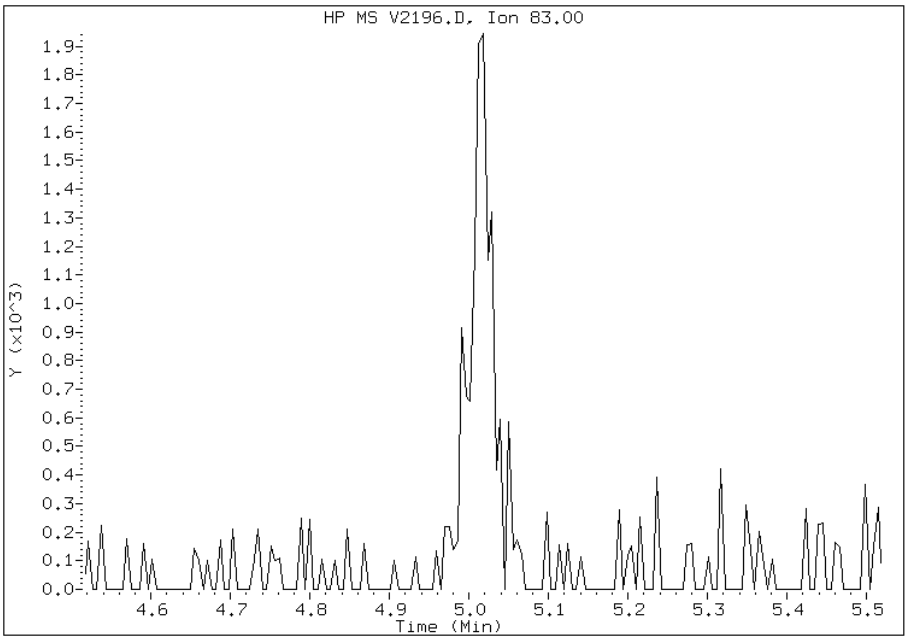
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 59 Methyl Cyclohexane
CAS #: 108-87-2
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.02



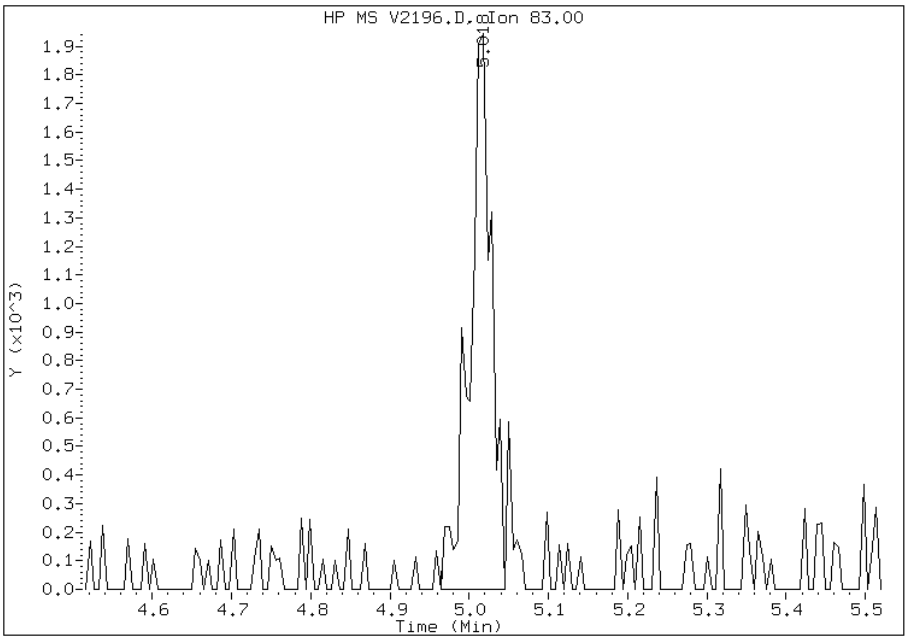
Manual Integration Results

RT: 5.02

Response: 3685

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

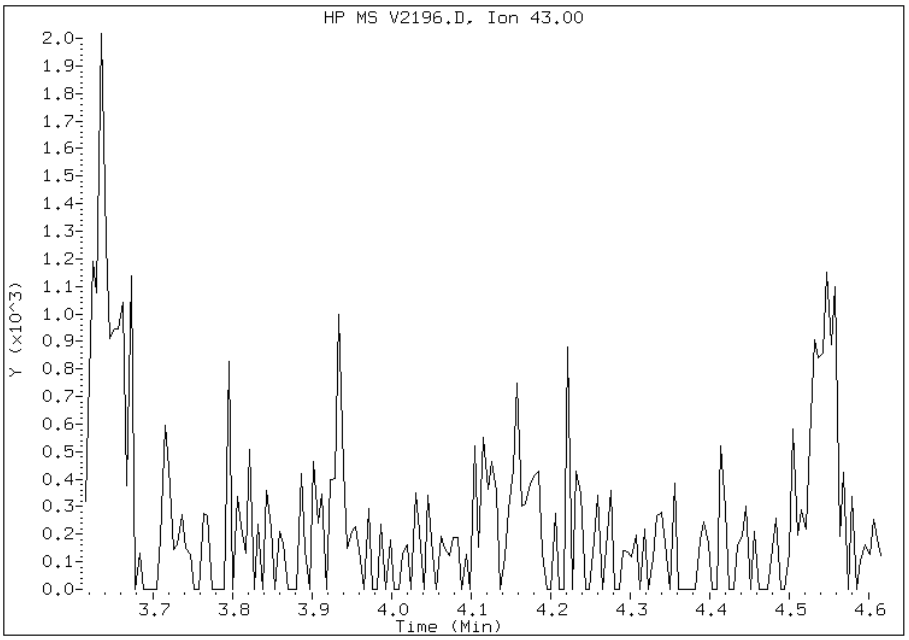
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.12



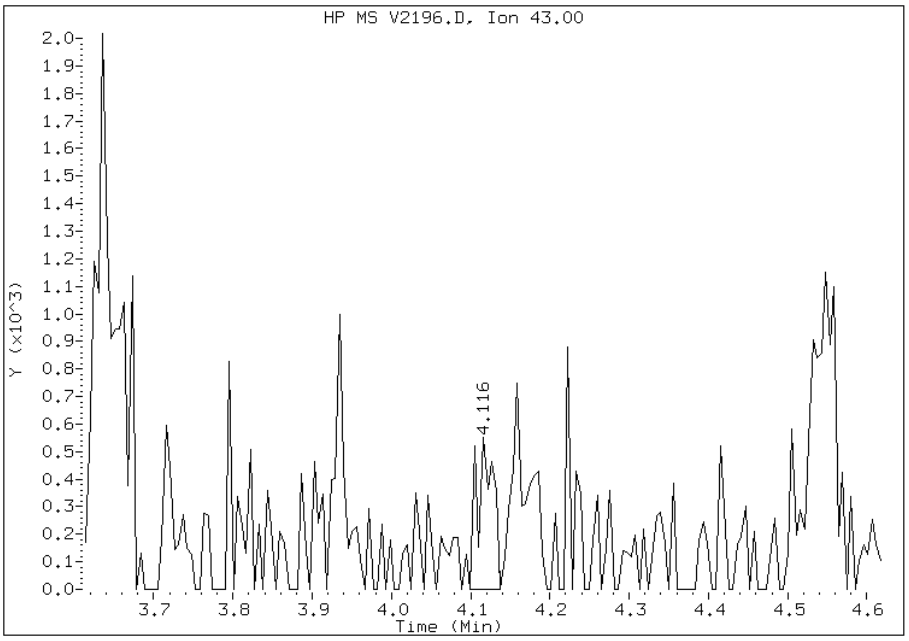
Manual Integration Results

RT: 4.12

Response: 773

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

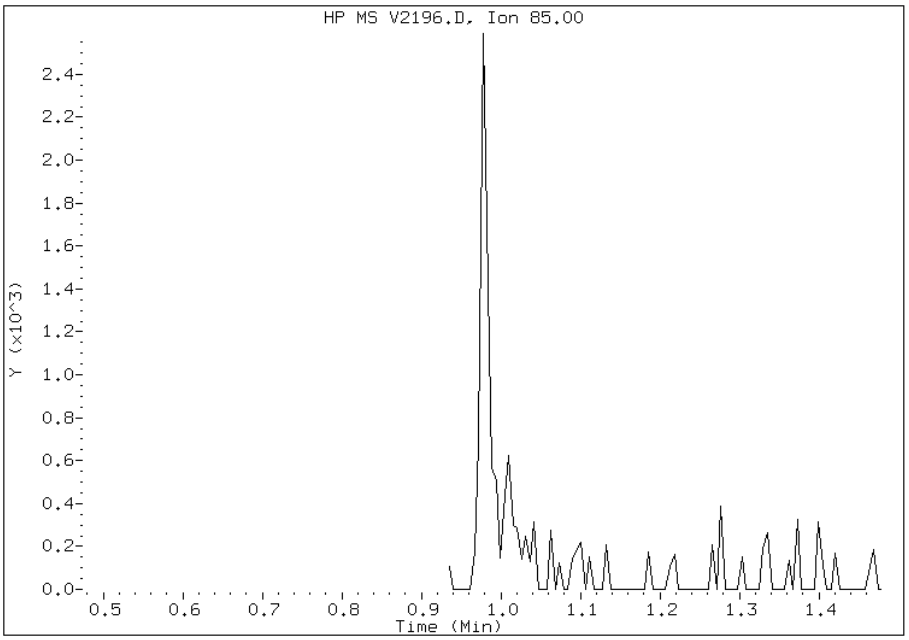
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 0.98



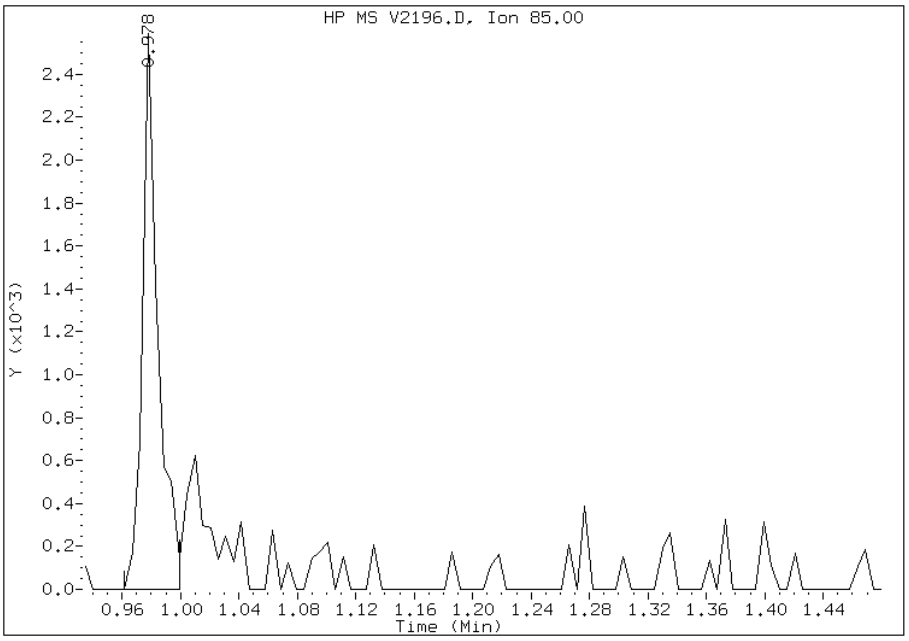
Manual Integration Results

RT: 0.98

Response: 1947

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

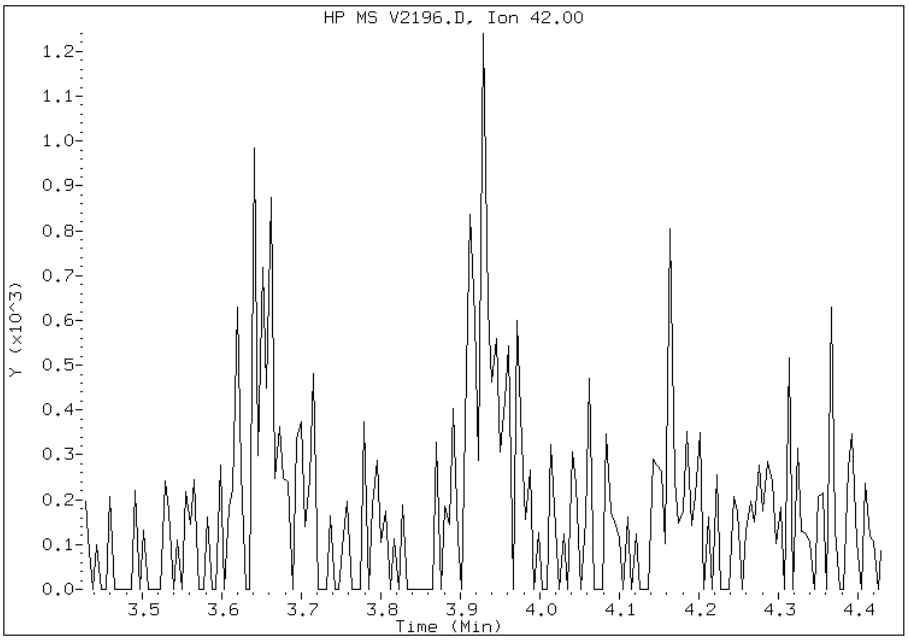
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



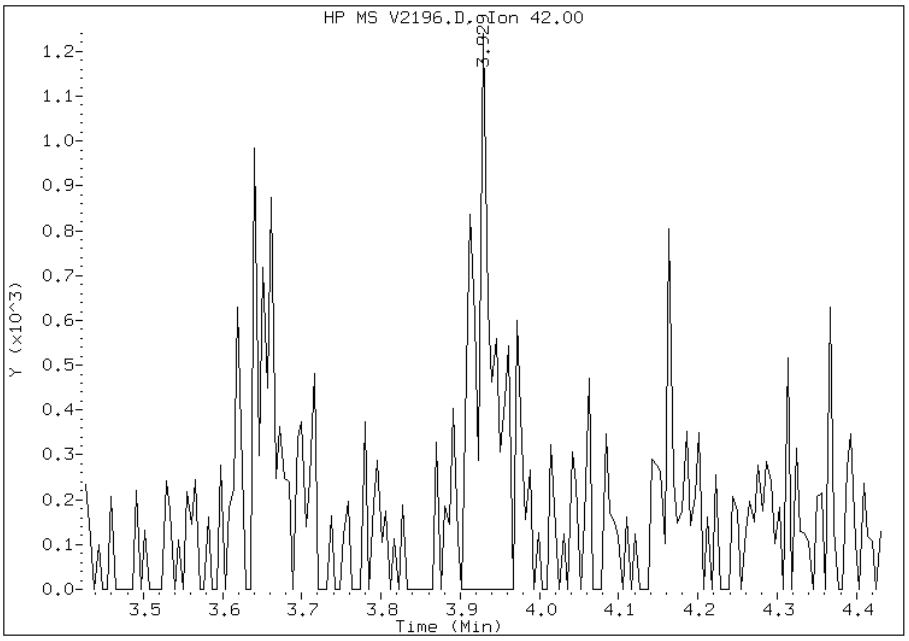
Manual Integration Results

RT: 3.93

Response: 2042

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

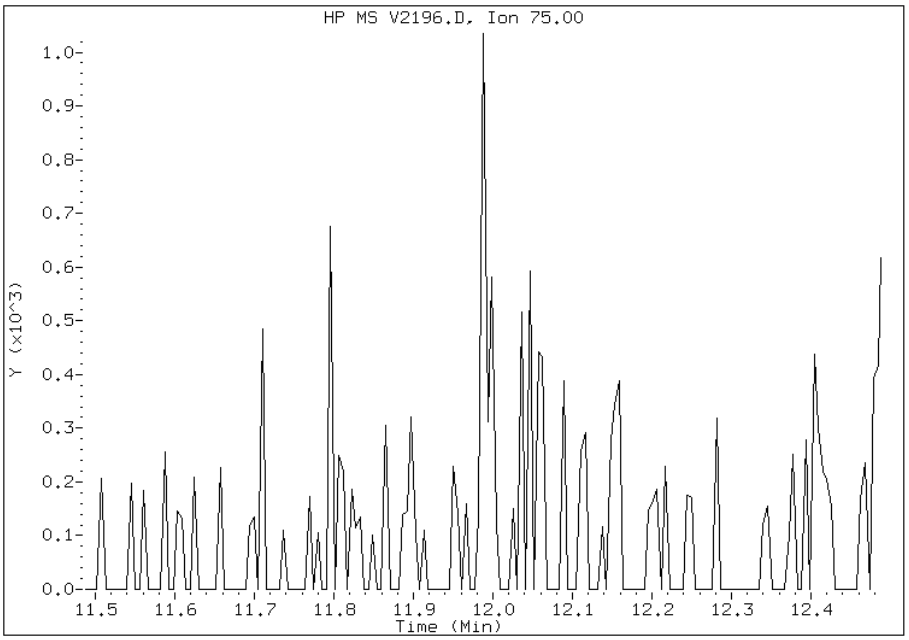
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 119 1,2-Dibromo-3-chloropropane
CAS #: 96-12-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 11.99



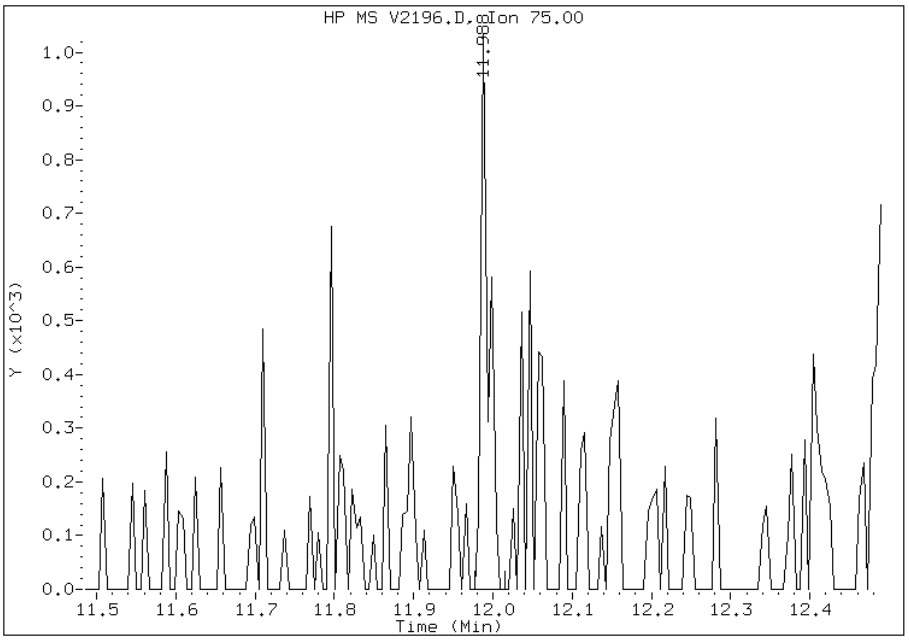
Manual Integration Results

RT: 11.99

Response: 700

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 33 cis-1,2-Dichloroethene
CAS #: 156-59-2
Report Date: 07/14/2011

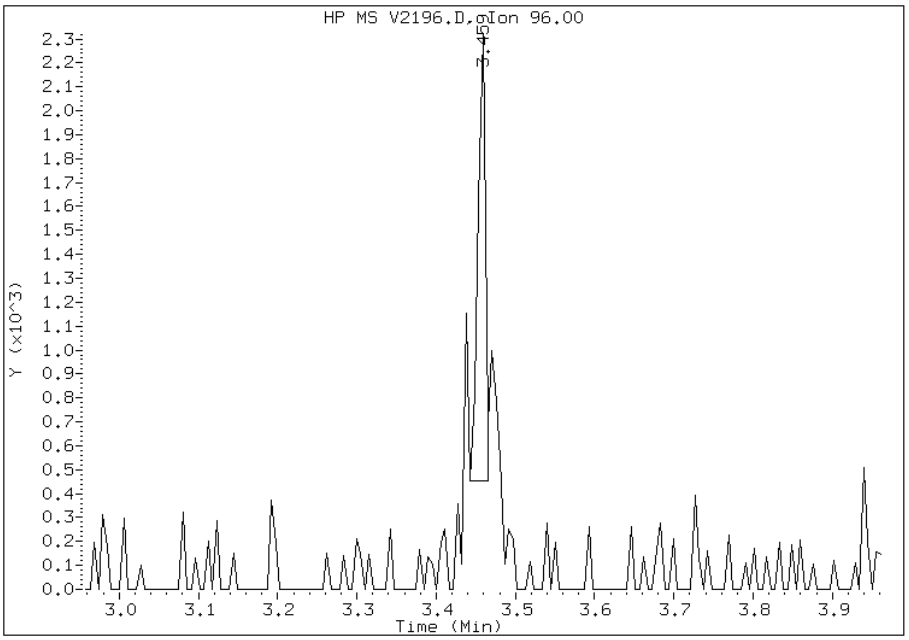
Processing Integration Results

RT: 3.46

Response: 1168

Amount: 0

Conc: 0



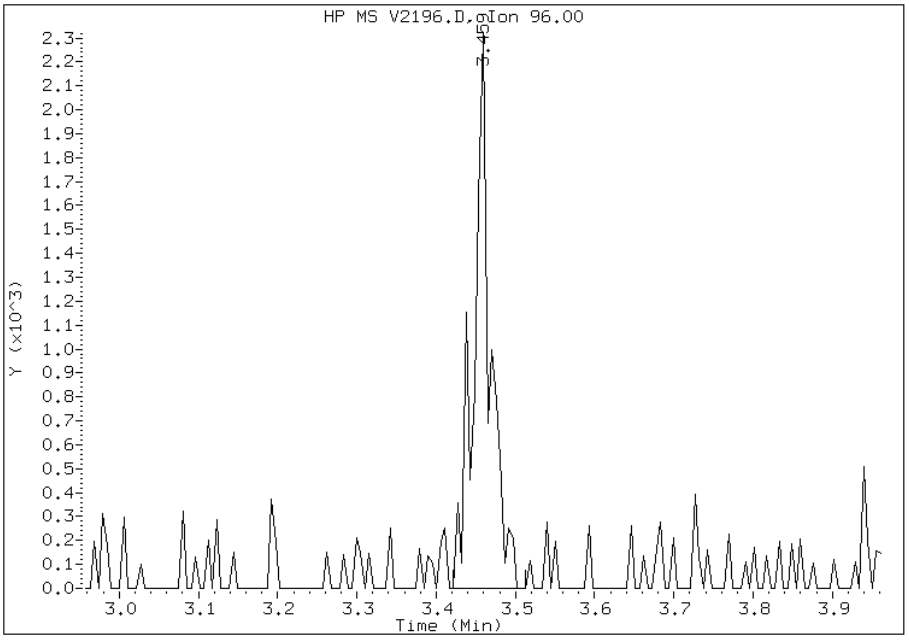
Manual Integration Results

RT: 3.46

Response: 3335

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

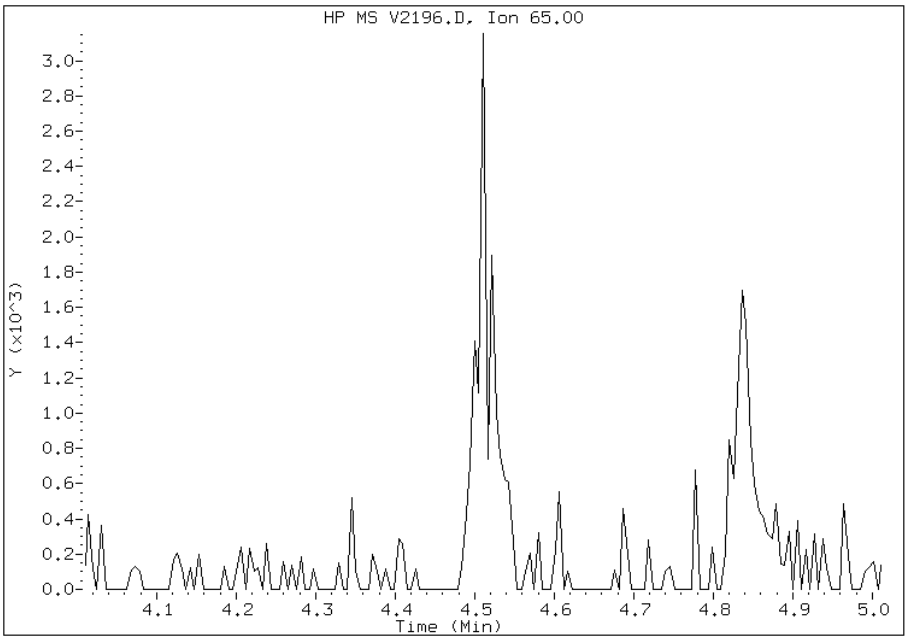
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 55 1,2-Dichloroethane-d4
CAS #: 17060-07-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.51



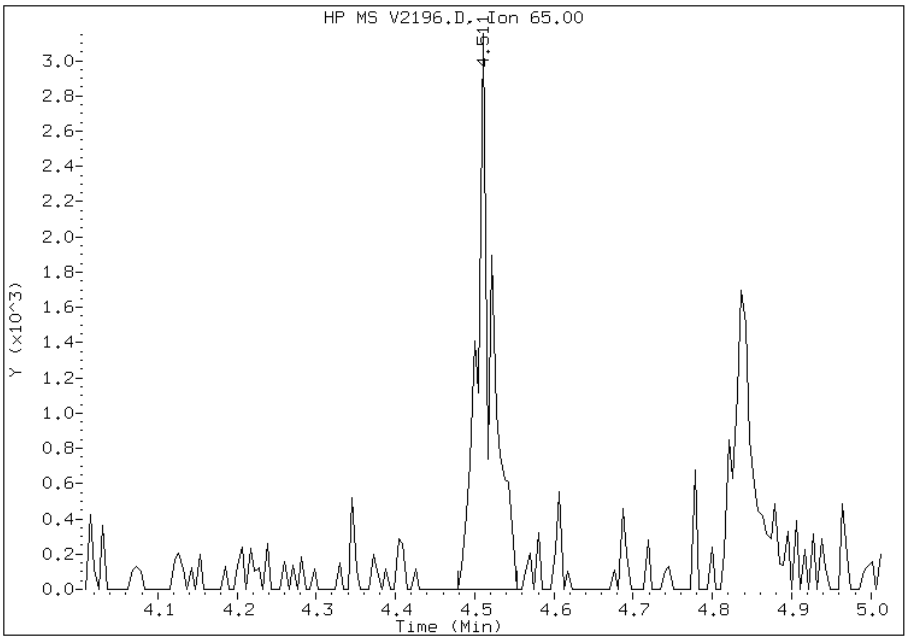
Manual Integration Results

RT: 4.51

Response: 4110

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 24 Methyl tert-Butyl Ether
CAS #: 1634-04-4
Report Date: 07/14/2011

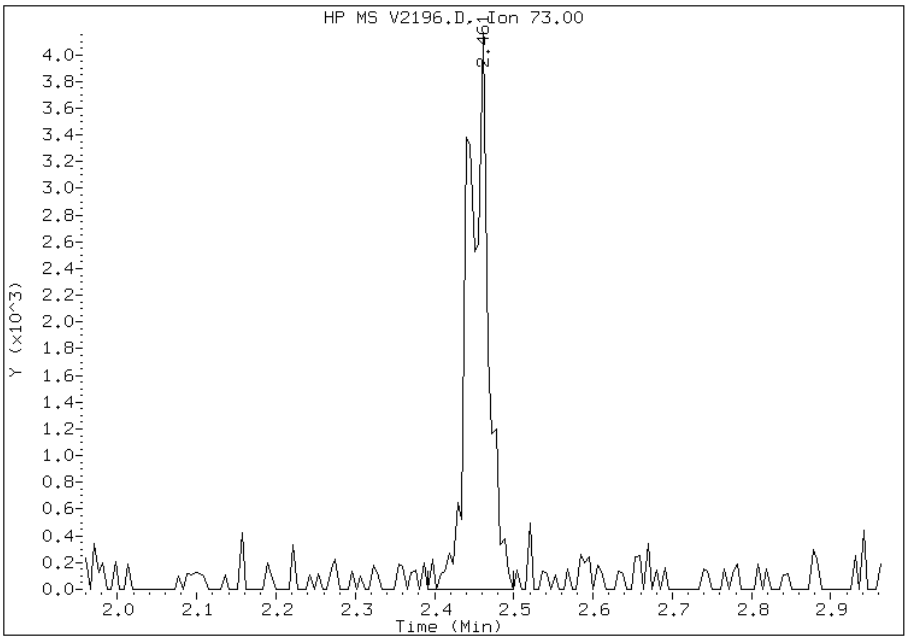
Processing Integration Results

RT: 2.46

Response: 7387

Amount: 0

Conc: 0



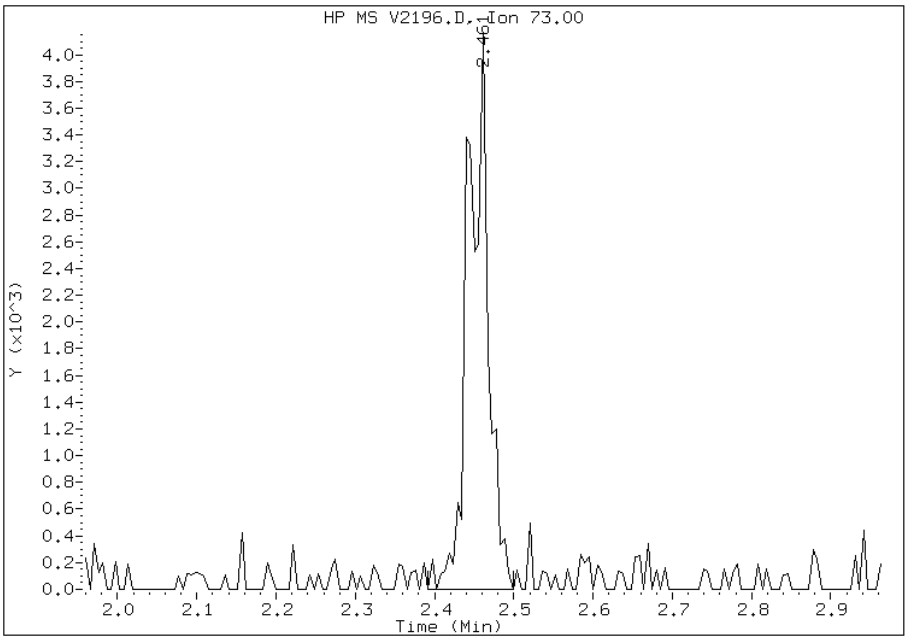
Manual Integration Results

RT: 2.46

Response: 7387

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

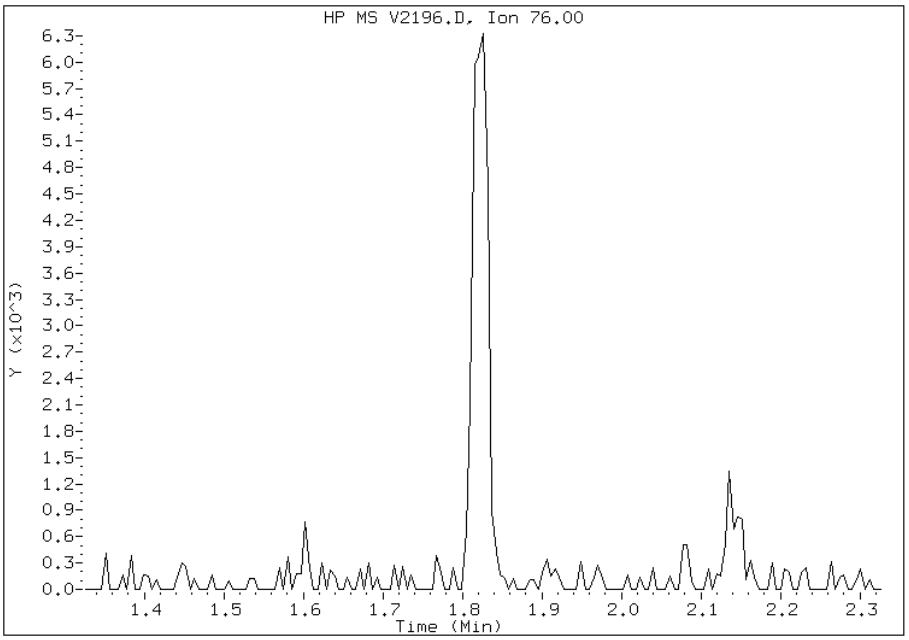
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 15 Carbon Disulfide
CAS #: 75-15-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.83



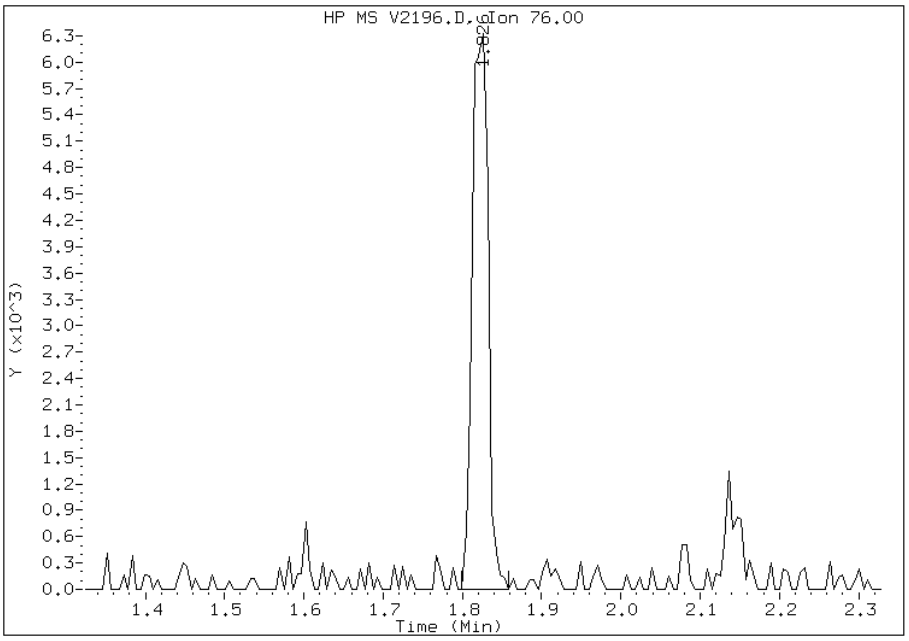
Manual Integration Results

RT: 1.83

Response: 8743

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 80 Tetrachloroethene
CAS #: 127-18-4
Report Date: 07/14/2011

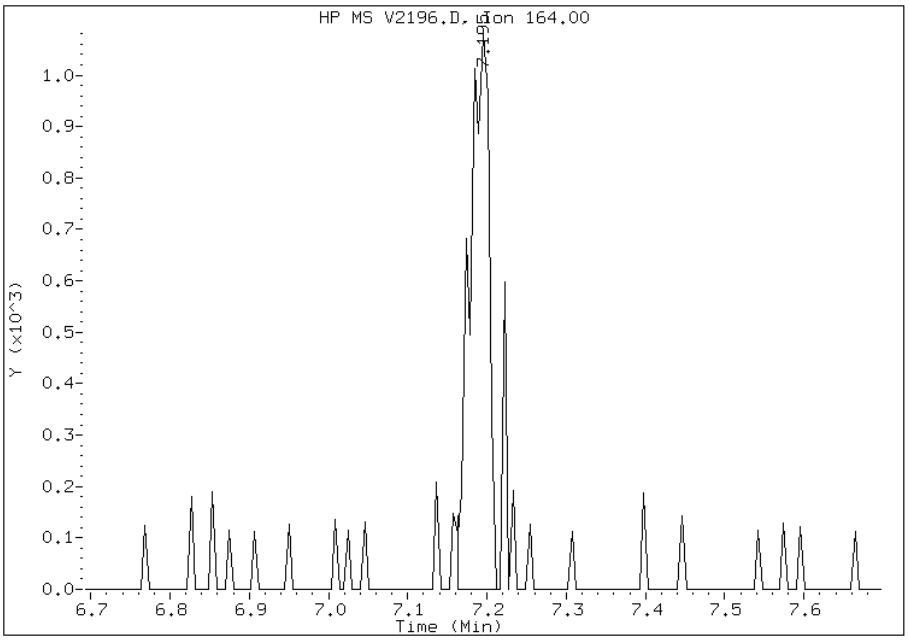
Processing Integration Results

RT: 7.20

Response: 1840

Amount: 0

Conc: 0



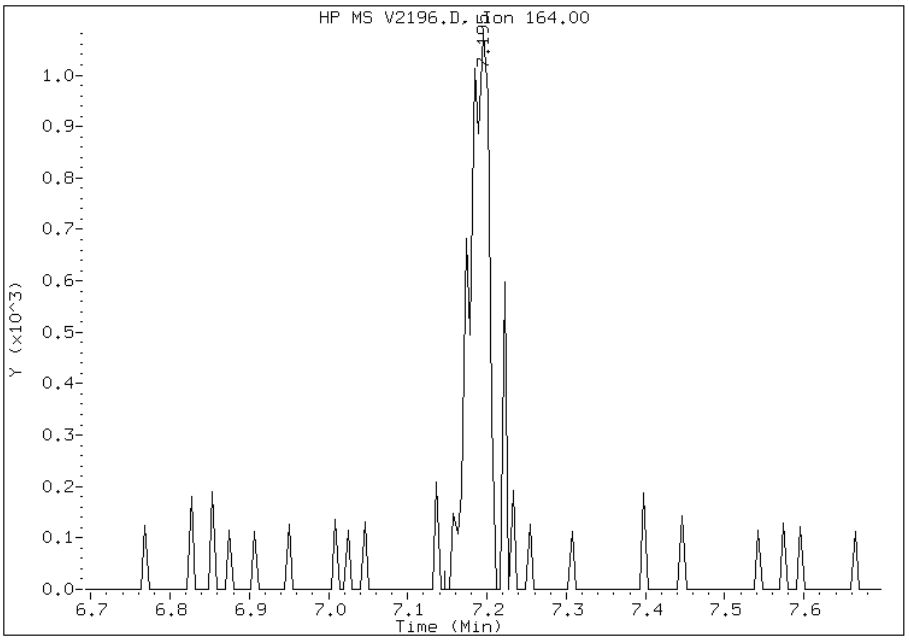
Manual Integration Results

RT: 7.20

Response: 1887

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

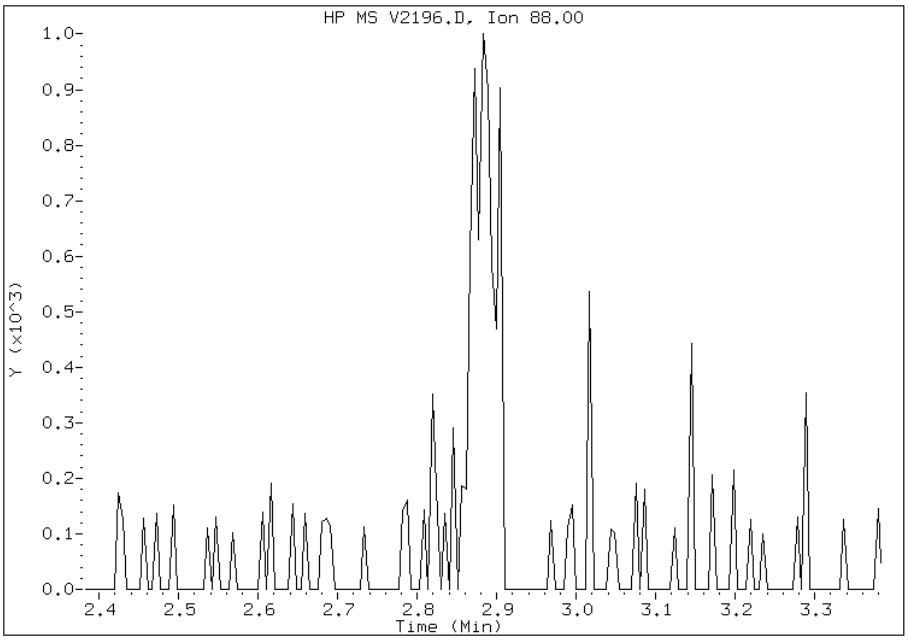
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 29 2-Chloro-1,3-Butadiene
CAS #: 126-99-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.88



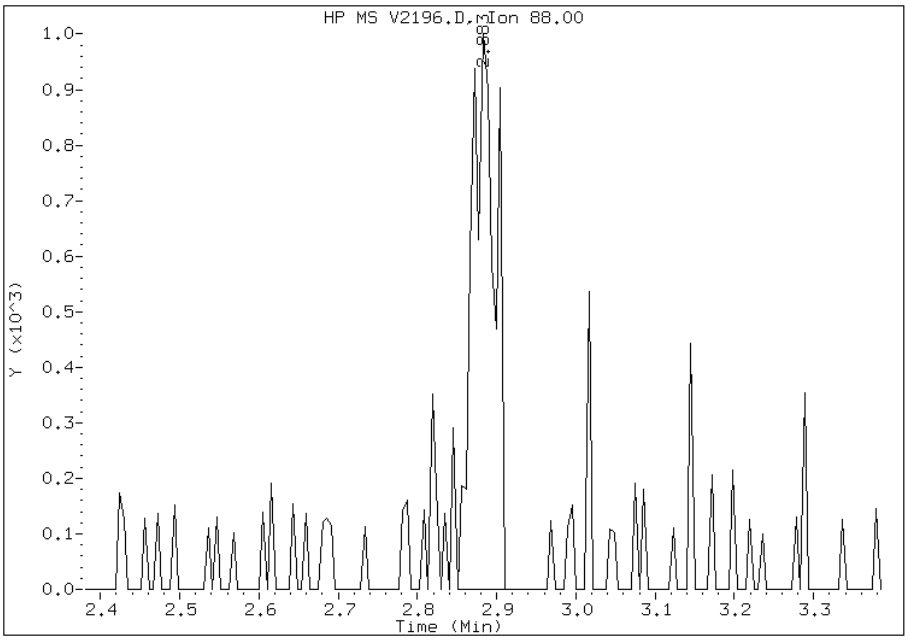
Manual Integration Results

RT: 2.88

Response: 2047

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53087/1 Calibration Date: 07/19/2011 10:15

Instrument ID: MSN Calib Start Date: 07/13/2011 17:15

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 19:37

Lab File ID: N3857.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.0690	0.0061		4.44	50.0	-91.1*	30.0
Chloromethane	Ave	0.5336	0.4983	0.1000	46.7	50.0	-6.6	30.0
Vinyl chloride	Ave	0.3705	0.3685		49.7	50.0	-0.5	20.0
Bromomethane	Ave	0.1637	0.2406		73.5	50.0	47.0*	30.0
Chloroethane	Ave	0.2104	0.2178		51.8	50.0	3.5	30.0
Trichlorofluoromethane	Ave	0.3370	0.3714		55.1	50.0	10.2	30.0
Dichlorofluoromethane	Ave	0.5344	0.5529		51.7	50.0	3.5	30.0
Ethyl ether	Ave	0.2839	0.2981		52.5	50.0	5.0	30.0
Ethanol	Ave	0.0178	0.0182		512	500	2.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.0864	0.0890		51.5	50.0	3.1	30.0
1,1-Dichloroethene	Ave	0.2771	0.2647		47.8	50.0	-4.5	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3335	0.3249		48.7	50.0	-2.6	30.0
Carbon disulfide	Ave	1.162	1.059		45.5	50.0	-8.9	30.0
Iodomethane	Ave	0.3645	0.3420		46.9	50.0	-6.2	30.0
Isopropyl alcohol	Ave	0.0357	0.0448		62.9	50.1	25.6	30.0
Acrolein	Ave	0.0737	0.0508		173	250	-31.0*	30.0
3-Chloro-1-propene	Ave	0.6948	0.6951		50.0	50.0	0.0	30.0
Methylene Chloride	Ave	0.4752	0.4170		43.9	50.0	-12.2	30.0
Acetone	Ave	0.2567	0.2862		55.8	50.0	11.5	30.0
Methyl acetate	Qua	2.490	2.628		61.1	50.0	22.2	30.0
trans-1,2-Dichloroethene	Ave	0.3260	0.3197		49.0	50.0	-1.9	30.0
Methyl tert-butyl ether	Ave	0.9544	0.9417		49.3	50.0	-1.3	30.0
tert-Butyl alcohol	Ave	0.0626	0.0619		247	250	-1.1	30.0
Acetonitrile	Ave	0.0581	0.0612		525	499	5.3	30.0
Isopropyl ether	Ave	1.621	1.606		49.5	50.0	-0.9	30.0
2-Chloro-1,3-butadiene	Ave	0.3135	0.2884		46.0	50.0	-8.0	30.0
1,1-Dichloroethane	Ave	0.6601	0.6367	0.1000	48.2	50.0	-3.5	30.0
Acrylonitrile	Ave	0.2094	0.2170		104	100	3.6	30.0
Tert-butyl ethyl ether	Ave	1.217	1.168		48.0	50.0	-4.0	30.0
Vinyl acetate	Ave	1.075	0.8765		40.8	50.0	-18.4	30.0
cis-1,2-Dichloroethene	Ave	0.3798	0.3606		47.5	50.0	-5.1	30.0
2,2-Dichloropropane	Ave	0.4228	0.3950		46.7	50.0	-6.6	30.0
Bromochloromethane	Ave	0.1961	0.1830		46.7	50.0	-6.7	30.0
Cyclohexane	Ave	0.5243	0.5067		48.3	50.0	-3.4	30.0
Chloroform	Ave	0.5409	0.5204		48.1	50.0	-3.8	20.0
Ethyl acetate	Lin	0.0454	0.0324		89.3	100	-10.7	30.0
Methyl acrylate	Ave	0.4428	0.4575		51.7	50.0	3.3	30.0
Carbon tetrachloride	Ave	0.3326	0.3176		47.7	50.0	-4.5	30.0
Tetrahydrofuran	Ave	0.1897	0.2005		106	100	5.7	30.0
1,1,1-Trichloroethane	Ave	0.4060	0.3990		49.1	50.0	-1.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53087/1 Calibration Date: 07/19/2011 10:15

Instrument ID: MSN Calib Start Date: 07/13/2011 17:15

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 19:37

Lab File ID: N3857.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.3356	0.3713		55.3	50.0	10.6	30.0
1,1-Dichloropropene	Ave	0.4658	0.4486		48.2	50.0	-3.7	30.0
1-Chlorobutane	Ave	0.7698	0.7131		46.3	50.0	-7.4	30.0
Benzene	Ave	1.342	1.259		46.9	50.0	-6.2	30.0
Propionitrile	Ave	0.0705	0.0710		504	500	0.7	30.0
Methacrylonitrile	Ave	0.3282	0.3451		52.6	50.0	5.1	30.0
Tert-amyl methyl ether	Ave	0.9846	0.9298		47.2	50.0	-5.6	30.0
1,2-Dichloroethane	Ave	0.3936	0.3911		49.7	50.0	-0.6	30.0
Isobutyl alcohol	Ave	0.0177	0.0178		504	499	1.0	30.0
Methylcyclohexane	Ave	0.5995	0.5584		46.6	50.0	-6.9	30.0
Trichloroethene	Ave	0.3467	0.3103		44.7	50.0	-10.5	30.0
Dibromomethane	Ave	0.2299	0.2330		50.7	50.0	1.3	30.0
1,2-Dichloropropane	Ave	0.4134	0.3895		47.1	50.0	-5.8	20.0
Bromodichloromethane	Ave	0.3811	0.3687		48.4	50.0	-3.2	30.0
Methyl methacrylate	Ave	0.3117	0.3119		50.0	50.0	0.0	30.0
1,4-Dioxane	Ave	0.0033	0.0037		553	499	10.9	30.0
2-Chloroethyl vinyl ether	Ave	0.2060	0.2182		52.9	49.9	5.9	30.0
cis-1,3-Dichloropropene	Ave	0.5438	0.5137		47.2	50.0	-5.5	30.0
Toluene	Ave	1.654	1.541		46.6	50.0	-6.8	20.0
Chloroacetonitrile	Ave	0.0189	0.0193		510	500	2.0	30.0
2-Nitropropane	Ave	0.0955	0.0989		104	100	3.5	30.0
1,1-Dichloro-2-propanone	Ave	0.3535	0.3824		270	250	8.2	30.0
methyl isobutyl ketone	Ave	0.6700	0.7089		52.9	50.0	5.8	30.0
Tetrachloroethene	Ave	0.2900	0.2631		45.4	50.0	-9.3	30.0
trans-1,3-Dichloropropene	Ave	0.4693	0.4513		48.1	50.0	-3.8	30.0
1,1,2-Trichloroethane	Ave	0.3015	0.2971		49.3	50.0	-1.5	30.0
Ethyl methacrylate	Ave	0.5523	0.5563		50.4	50.0	0.7	30.0
Dibromochloromethane	Ave	0.3975	0.3754		47.2	50.0	-5.5	30.0
1,3-Dichloropropane	Ave	0.6679	0.6792		50.8	50.0	1.7	30.0
1,2-Dibromoethane	Ave	0.4349	0.4275		49.2	50.0	-1.7	30.0
2-Hexanone	Ave	0.5193	0.5485		52.8	50.0	5.6	30.0
1-Chlorohexane	Ave	0.6220	0.5583		44.9	50.0	-10.3	30.0
Chlorobenzene	Ave	1.118	1.046	0.3000	46.8	50.0	-6.4	30.0
Ethylbenzene	Ave	0.5708	0.5284		46.3	50.0	-7.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3500	0.3217		46.0	50.0	-8.1	30.0
m&p-Xylene	Ave	0.7154	0.6687		93.5	100	-6.5	30.0
o-Xylene	Ave	0.6821	0.6399		46.9	50.0	-6.2	30.0
Styrene	Ave	1.137	1.080		47.5	50.0	-5.0	30.0
Bromoform	Ave	0.2202	0.2274	0.1000	51.6	50.0	3.3	30.0
Isopropylbenzene	Ave	4.080	3.692		45.2	50.0	-9.5	30.0
Bromobenzene	Ave	0.9818	0.8906		45.4	50.0	-9.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53087/1 Calibration Date: 07/19/2011 10:15

Instrument ID: MSN Calib Start Date: 07/13/2011 17:15

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 19:37

Lab File ID: N3857.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	5.095	4.768		46.8	50.0	-6.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.290	1.259	0.3000	48.8	50.0	-2.3	30.0
4-Ethyltoluene	Ave	4.239	3.911		46.1	50.0	-7.7	30.0
2-Chlorotoluene	Ave	3.291	3.089		46.9	50.0	-6.2	30.0
1,2,3-Trichloropropane	Ave	0.3599	0.3551		49.3	50.0	-1.3	30.0
1,3,5-Trimethylbenzene	Ave	3.346	3.114		46.5	50.0	-6.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3431	0.3461		101	100	0.9	30.0
4-Chlorotoluene	Ave	2.935	2.738		46.7	50.0	-6.7	30.0
tert-Butylbenzene	Ave	2.933	2.584		44.0	50.0	-11.9	30.0
1,2,4-Trimethylbenzene	Ave	3.353	3.099		46.2	50.0	-7.6	30.0
sec-Butylbenzene	Ave	4.669	4.259		45.6	50.0	-8.8	30.0
4-Isopropyltoluene	Ave	3.655	3.247		44.4	50.0	-11.2	30.0
1,3-Dichlorobenzene	Ave	1.753	1.574		44.9	50.0	-10.2	30.0
1,4-Dichlorobenzene	Ave	1.786	1.608		45.0	50.0	-10.0	30.0
p-Diethylbenzene	Ave	1.793	1.606		44.8	50.0	-10.4	30.0
Benzyl chloride	Ave	0.3844	0.3418		44.5	50.0	-11.1	30.0
n-Butylbenzene	Ave	5.460	4.833		44.3	50.0	-11.5	30.0
1,2-Dichlorobenzene	Ave	1.623	1.472		45.3	50.0	-9.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.890	2.612		45.2	50.0	-9.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1590	0.1642		51.6	50.0	3.3	30.0
Nitrobenzene	Ave	0.0542	0.0342		315	500	-37.0*	30.0
Hexachlorobutadiene	Ave	0.5177	0.4197		40.5	50.0	-18.9	30.0
1,2,4-Trichlorobenzene	Ave	1.003	0.9343		46.6	50.0	-6.8	30.0
Naphthalene	Ave	2.861	2.436		42.6	50.0	-14.9	30.0
1,2,3-Trichlorobenzene	Ave	0.9034	0.8245		45.6	50.0	-8.7	30.0
Dibromofluoromethane	Ave	0.3707	0.3250		21.9	25.0	-12.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3266	0.2895		22.2	25.0	-11.3	30.0
Toluene-d8 (Surr)	Ave	1.439	1.328		23.1	25.0	-7.7	30.0
4-Bromofluorobenzene	Ave	1.245	1.229		24.7	25.0	-1.3	30.0

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3857.D
Lab Smp Id: CCVIS-632363 Client Smp ID: CCVIS-632363
Inj Date : 19-JUL-2011 10:15 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : CCVIS-632363
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.788	4.788	(1.000)	639491	25.0000	
2	Dichlorodifluoromethane	85	1.232	1.232	(0.257)	7839	50.0000	4(M)
3	Chloromethane	50	1.262	1.262	(0.264)	637296	50.0000	47
4	Vinyl Chloride	62	1.311	1.311	(0.274)	471312	50.0000	50
5	Bromomethane	94	1.488	1.488	(0.311)	307731	50.0000	73
6	Chloroethane	64	1.547	1.547	(0.323)	278582	50.0000	52
7	Trichlorofluoromethane	101	1.626	1.626	(0.340)	475065	50.0000	55
8	Dichlorofluoromethane	67	1.646	1.646	(0.344)	707149	50.0000	52
9	Ethyl Ether	45	1.784	1.784	(0.373)	381299	50.0000	52
10	Ethanol	45	1.843	1.843	(0.385)	233089	500.000	510
12	Freon 123	67	1.912	1.912	(0.399)	113877	50.0000	52
13	Trichlorotrifluoroethane	101	1.922	1.922	(0.401)	415545	50.0000	49
14	1,1-Dichloroethene	96	1.912	1.912	(0.399)	338498	50.0000	48
15	Carbon Disulfide	76	1.941	1.941	(0.405)	1354072	50.0000	46
16	Iodomethane	142	2.010	2.010	(0.420)	437416	50.0000	47
17	Acrolein	56	2.109	2.109	(0.440)	325592	250.000	170
18	2-Propanol	45	2.030	2.030	(0.424)	57456	50.0000	63
19	3-Chloro-1-Propene	41	2.197	2.197	(0.459)	889065	50.0000	50
20	Methylene Chloride	84	2.266	2.266	(0.473)	533388	50.0000	44
21	Acetone	43	2.296	2.296	(0.480)	366078	50.0000	56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.375	2.375	(0.496)	408822	50.0000	49
	23 Methyl Acetate	43	2.365	2.365	(0.494)	3361112	50.0000	61
	24 Methyl tert-Butyl Ether	73	2.444	2.444	(0.510)	1204469	50.0000	49
	25 tert-Butyl alcohol	59	2.493	2.493	(0.521)	396038	250.000	250(H)
	26 Acetonitrile	41	2.641	2.641	(0.552)	780585	500.000	520
	27 Isopropyl ether	45	2.720	2.720	(0.568)	2053951	50.0000	50
	28 tert-Butyl ethyl ether	59	3.025	3.025	(0.632)	1494069	50.0000	48
	29 2-Chloro-1,3-Butadiene	88	2.828	2.828	(0.591)	368915	50.0000	46
	30 Acrylonitrile	53	2.877	2.877	(0.601)	555127	100.000	100
	31 1,1-Dichloroethane	63	2.838	2.838	(0.593)	814338	50.0000	48
	32 Vinyl Acetate	43	3.045	3.045	(0.636)	1120258	50.0000	41
	33 cis-1,2-Dichloroethene	96	3.330	3.330	(0.696)	461137	50.0000	47
	34 2,2-Dichloropropane	77	3.439	3.439	(0.718)	505247	50.0000	47
	35 Bromochloromethane	128	3.537	3.537	(0.739)	234074	50.0000	47
	37 Cyclohexane	84	3.547	3.547	(0.741)	648079	50.0000	48
	38 Chloroform	83	3.606	3.606	(0.753)	665570	50.0000	48
	39 Ethyl Acetate	43	3.744	3.744	(0.782)	82841	100.000	89
	40 Methyl Acrylate	55	3.754	3.754	(0.784)	585187	50.0000	52
$	41 Dibromofluoromethane	111	3.813	3.813	(0.796)	207817	25.0000	22
	42 Tetrahydrofuran	42	3.793	3.793	(0.792)	512784	100.000	100
	43 Carbon Tetrachloride	117	3.774	3.774	(0.788)	406250	50.0000	48
	44 1,1,1-Trichloroethane	97	3.853	3.853	(0.805)	510330	50.0000	49
	45 2-Butanone	43	3.961	3.961	(0.827)	474904	50.0000	55
	46 1,1-Dichloropropene	75	4.000	4.000	(0.835)	573724	50.0000	48
	47 tert-Amyl methyl ether	73	4.453	4.453	(0.930)	1189214	50.0000	47
	49 1-Chlorobutane	56	4.059	4.059	(0.848)	911986	50.0000	46
	51 Propionitrile	54	4.325	4.325	(0.903)	907779	500.000	500
	52 Benzene	78	4.306	4.306	(0.899)	1609747	50.0000	47
	53 2-Methyl-2-Propenenitrile	41	4.355	4.355	(0.909)	441344	50.0000	52
	54 Isobutyl alcohol	42	4.591	4.591	(0.959)	227857	500.000	500
$	55 1,2-Dichloroethane-d4	65	4.463	4.463	(0.932)	185153	25.0000	22
	56 1,2-Dichloroethane	62	4.542	4.542	(0.949)	500195	50.0000	50
	59 Methyl Cyclohexane	83	4.976	4.976	(1.039)	714186	50.0000	46
	60 Trichloroethene	130	4.985	4.985	(1.041)	396913	50.0000	45
	63 Dibromomethane	93	5.429	5.429	(1.134)	298005	50.0000	51
	64 1,2-Dichloropropane	63	5.537	5.537	(1.156)	498172	50.0000	47
	65 Bromodichloromethane	83	5.616	5.616	(1.173)	471566	50.0000	48
	66 Methyl Methacrylate	69	5.803	5.803	(1.212)	398905	50.0000	50
	67 1,4-Dioxane	58	5.852	5.852	(1.222)	47078	500.000	550
	69 2-Chloroethylvinylether	63	6.217	6.217	(1.298)	278559	50.0000	53
	174 Ethyl acrylate	55	5.596	5.596	(1.169)	759817	50.0000	47
	70 cis-1,3-Dichloropropene	75	6.256	6.256	(1.307)	657024	50.0000	47
	71 Chloroacetonitrile	48	6.631	6.631	(1.385)	246274	500.000	510
	72 2-Nitropropane	41	6.700	6.700	(1.399)	252889	100.000	100
	73 trans-1,3-Dichloropropene	75	6.897	6.897	(1.440)	577150	50.0000	48
	74 1,1,2-Trichloroethane	97	7.035	7.035	(1.469)	380008	50.0000	49
*	75 Chlorobenzene-d5	117	7.872	7.872	(1.000)	522506	25.0000	
	76 Toluene	91	6.493	6.493	(0.825)	1610825	50.0000	47
$	77 Toluene-d8	98	6.443	6.443	(0.819)	693754	25.0000	23
	78 1,1-Dichloro-2-propanone	43	6.719	6.719	(0.854)	1998019	250.000	270
	79 4-Methyl-2-Pentanone	43	6.857	6.857	(0.871)	740779	50.0000	53
	80 Tetrachloroethene	164	6.857	6.857	(0.871)	274902	50.0000	45
	81 Ethyl Methacrylate	69	7.064	7.064	(0.897)	581284	50.0000	50
	82 Dibromochloromethane	129	7.202	7.202	(0.915)	392327	50.0000	47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.281	7.281	(0.925)	709781	50.0000	51
84	1,2-Dibromoethane	107	7.399	7.399	(0.940)	446777	50.0000	49
86	2-Hexanone	43	7.636	7.636	(0.970)	573215	50.0000	53
87	1-Chlorohexane	91	7.892	7.892	(1.002)	583377	50.0000	45
88	Chlorobenzene	112	7.892	7.892	(1.002)	1092671	50.0000	47
89	1,1,1,2-Tetrachloroethane	131	7.951	7.951	(1.010)	336208	50.0000	46
90	Ethylbenzene	106	7.931	7.931	(1.008)	552163	50.0000	46
91	Xylene (total)mp	106	8.059	8.059	(1.024)	1397650	100.000	93
92	Xylene (total)o	106	8.434	8.434	(1.071)	668714	50.0000	47
93	Styrene	104	8.483	8.483	(1.078)	1128936	50.0000	48
94	Bromoform	173	8.493	8.493	(1.079)	237599	50.0000	52
* 95	1,4-Dichlorobenzene-d4	152	9.931	9.931	(1.000)	211640	25.0000	
96	Isopropylbenzene	105	8.719	8.719	(0.878)	1562685	50.0000	45
97	Bromobenzene	156	9.044	9.044	(0.911)	376957	50.0000	45
98	1,1,2,2-Tetrachloroethane	83	9.143	9.143	(0.921)	533072	50.0000	49
99	4-Ethyltoluene	105	9.182	9.182	(0.925)	1655535	50.0000	46
100	1,2,3-Trichloropropane	110	9.251	9.251	(0.932)	150302	50.0000	49
101	trans-1,4-Dichloro-2-Butene	53	9.300	9.300	(0.937)	292995	100.000	100
102	n-Propylbenzene	91	9.084	9.084	(0.915)	2018309	50.0000	47
103	2-Chlorotoluene	91	9.202	9.202	(0.927)	1307394	50.0000	47
104	4-Chlorotoluene	91	9.350	9.350	(0.941)	1158994	50.0000	47
105	1,3,5-Trimethylbenzene	105	9.261	9.261	(0.933)	1318206	50.0000	46
106	tert-Butylbenzene	119	9.527	9.527	(0.959)	1093724	50.0000	44
107	1,2,4-Trimethylbenzene	105	9.596	9.596	(0.966)	1311566	50.0000	46
108	sec-Butylbenzene	105	9.685	9.685	(0.975)	1802584	50.0000	46
109	4-Isopropyltoluene	119	9.813	9.813	(0.988)	1374398	50.0000	44
110	1,3-Dichlorobenzene	146	9.862	9.862	(0.993)	666219	50.0000	45
111	1,4-Dichlorobenzene	146	9.941	9.941	(1.001)	680495	50.0000	45
112	1,2-Dichlorobenzene	146	10.305	10.305	(1.038)	623100	50.0000	45
113	Benzyl Chloride	126	10.158	10.158	(1.023)	144671	50.0000	44
114	1,4-Diethylbenzene	119	10.138	10.138	(1.021)	679622	50.0000	45
115	n-Butylbenzene	91	10.177	10.177	(1.025)	2045826	50.0000	44
118	1,2,4,5-Tetramethylbenzene	119	10.837	10.837	(1.091)	1105528	50.0000	45
119	1,2-Dibromo-3-chloropropane	75	11.005	11.005	(1.108)	69506	50.0000	52
120	Nitrobenzene	77	11.497	11.497	(1.158)	144580	500.000	310
121	1,2,4-Trichlorobenzene	180	11.606	11.606	(1.169)	395482	50.0000	46
122	Hexachlorobutadiene	225	11.586	11.586	(1.167)	177628	50.0000	40
123	Naphthalene	128	11.882	11.882	(1.196)	1031062	50.0000	42
124	1,2,3-Trichlorobenzene	180	12.049	12.049	(1.213)	349003	50.0000	46
$ 125	Bromofluorobenzene	95	8.956	8.956	(0.902)	260135	25.0000	25
M 126	1,2-Dichloroethene (total)	100				869959	100.000	96
M 127	Xylene (total)	100				2066364	150.000	140

QC Flag Legend

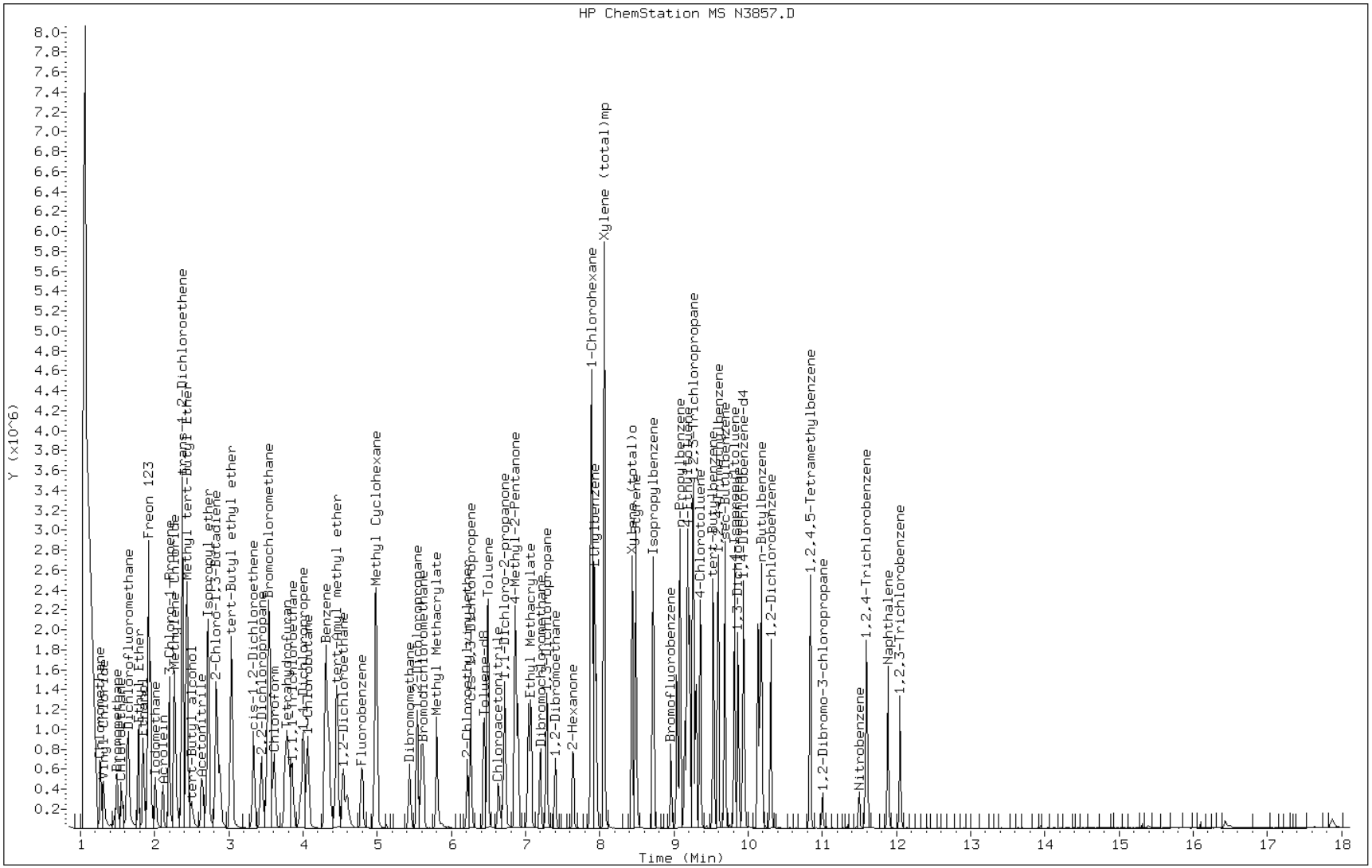
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3857.D

Date: 19-JUL-2011 10:15

Client ID: CCVIS-632363 Instrument: msn.i

Sample Info: CCVIS-632363 Operator: D. HUMBERT



Manual Integration Report

Data File: N3857.D
Inj. Date and Time: 19-JUL-2011 10:15
Instrument ID: msn.i
Client ID: CCVIS-632363
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 07/20/2011

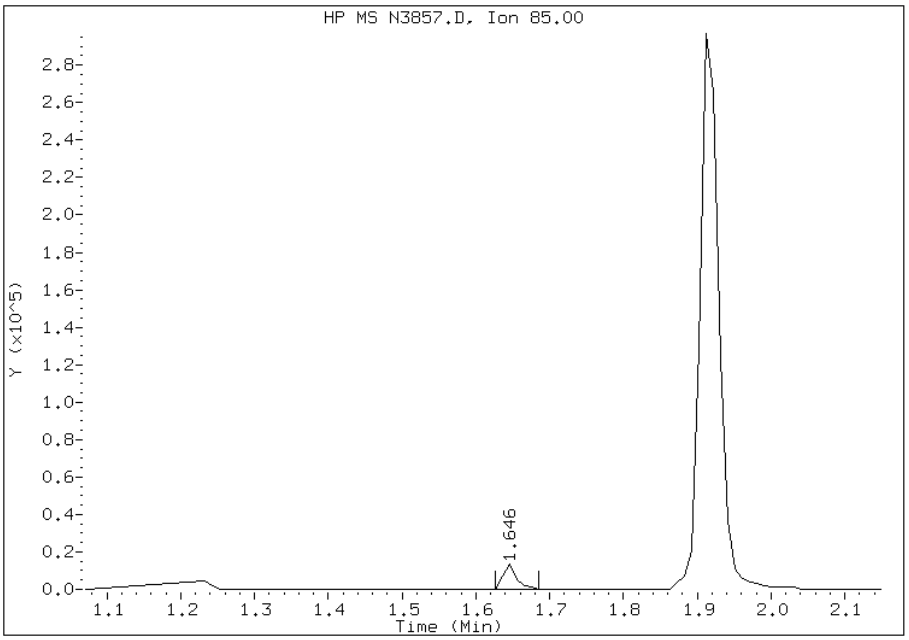
Processing Integration Results

RT: 1.65

Response: 17315

Amount: 10

Conc: 10



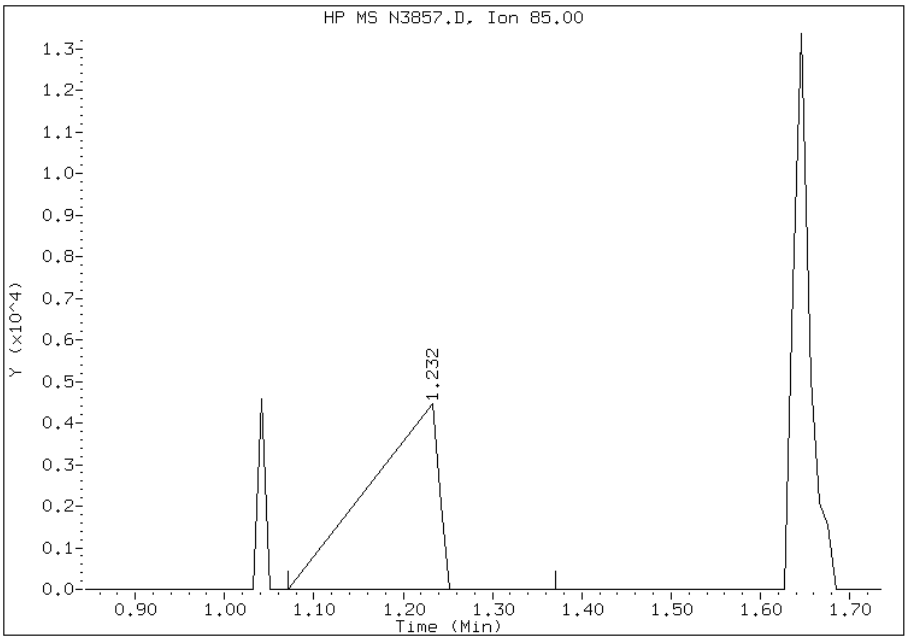
Manual Integration Results

RT: 1.23

Response: 7839

Amount: 4

Conc: 4



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53146/1 Calibration Date: 07/20/2011 10:17

Instrument ID: MSO Calib Start Date: 06/23/2011 13:41

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 06/23/2011 17:14

Lab File ID: O4950.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4827	0.3641		37.7	50.0	-24.6	30.0
Chloromethane	Ave	0.8870	0.8426	0.1000	47.5	50.0	-5.0	30.0
Vinyl chloride	Ave	0.6826	0.6989		51.2	50.0	2.4	20.0
Bromomethane	Ave	0.3152	0.3270		51.9	50.0	3.7	30.0
Chloroethane	Ave	0.2978	0.3770		63.3	50.0	26.6	30.0
Trichlorofluoromethane	Ave	0.6572	0.6759		51.4	50.0	2.8	30.0
Dichlorofluoromethane	Ave	0.9409	0.9944		52.8	50.0	5.7	30.0
Ethyl ether	Ave	0.3546	0.3964		55.9	50.0	11.8	30.0
Ethanol	Ave	0.0280	0.0365		652	500	30.3*	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.1692	0.1553		45.9	50.0	-8.2	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4945	0.4676		47.3	50.0	-5.4	30.0
1,1-Dichloroethene	Ave	0.4094	0.3634		44.4	50.0	-11.2	20.0
Carbon disulfide	Ave	1.954	1.626		41.6	50.0	-16.8	30.0
Iodomethane	Ave	0.6882	0.5695		41.4	50.0	-17.2	30.0
Acrolein	Ave	0.1103	0.0706		160	250	-36.0*	30.0
3-Chloro-1-propene	Ave	1.124	1.167		51.9	50.0	3.9	30.0
Isopropyl alcohol	Ave	0.1392	0.1659		59.7	50.1	19.2	30.0
Methylene Chloride	Ave	0.6447	0.5963		46.3	50.0	-7.5	30.0
Acetone	Ave	0.3921	0.4624		59.0	50.0	17.9	30.0
Methyl acetate	Ave	3.128	3.794		60.6	50.0	21.3	30.0
trans-1,2-Dichloroethene	Ave	0.5105	0.4656		45.6	50.0	-8.8	30.0
Methyl tert-butyl ether	Ave	1.525	1.524		50.0	50.0	-0.0	30.0
tert-Butyl alcohol	Ave	0.0971	0.1100		283	250	13.2	30.0
Acetonitrile	Ave	0.0950	0.1110		583	499	16.8	30.0
Isopropyl ether	Ave	2.444	2.555		52.3	50.0	4.6	30.0
2-Chloro-1,3-butadiene	Ave	0.5131	0.4289		41.8	50.0	-16.4	30.0
1,1-Dichloroethane	Ave	1.038	1.061	0.1000	51.1	50.0	2.2	30.0
Acrylonitrile	Ave	0.2820	0.3126		111	100	10.8	30.0
Tert-butyl ethyl ether	Ave	1.929	1.924		49.9	50.0	-0.3	30.0
Vinyl acetate	Ave	1.734	1.419		40.9	50.0	-18.1	30.0
cis-1,2-Dichloroethene	Ave	0.5816	0.5409		46.5	50.0	-7.0	30.0
2,2-Dichloropropane	Ave	0.8399	0.7735		46.0	50.0	-7.9	30.0
Bromochloromethane	Ave	0.2790	0.2466		44.2	50.0	-11.6	30.0
Cyclohexane	Ave	0.8459	0.7388		43.7	50.0	-12.7	30.0
Chloroform	Ave	1.001	0.9289		46.4	50.0	-7.2	20.0
Ethyl acetate	Ave	0.0494	0.0445		90.2	100	-9.8	30.0
Methyl acrylate	Ave	0.5937	0.6680		56.3	50.0	12.5	30.0
Carbon tetrachloride	Ave	0.6745	0.6248		46.3	50.0	-7.4	30.0
Tetrahydrofuran	Ave	0.2630	0.3104		118	100	18.0	30.0
1,1,1-Trichloroethane	Ave	0.7130	0.6667		46.8	50.0	-6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53146/1 Calibration Date: 07/20/2011 10:17

Instrument ID: MSO Calib Start Date: 06/23/2011 13:41

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 06/23/2011 17:14

Lab File ID: O4950.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.4698	0.5429		57.8	50.0	15.6	30.0
1,1-Dichloropropene	Ave	0.7879	0.7540		47.8	50.0	-4.3	30.0
1-Chlorobutane	Ave	1.217	1.200		49.3	50.0	-1.4	30.0
Benzene	Ave	2.145	2.026		47.2	50.0	-5.5	30.0
Propionitrile	Ave	0.0963	0.1082		562	500	12.4	30.0
Methacrylonitrile	Ave	0.4801	0.5394		56.2	50.0	12.3	30.0
Tert-amyl methyl ether	Ave	1.603	1.586		49.5	50.0	-1.1	30.0
1,2-Dichloroethane	Ave	0.6905	0.7410		53.7	50.0	7.3	30.0
Isobutyl alcohol	Ave	0.0591	0.0336		284	499	-43.1*	30.0
Methylcyclohexane	Ave	0.9545	0.8583		45.0	50.0	-10.1	30.0
Trichloroethene	Ave	0.4860	0.4348		44.7	50.0	-10.5	30.0
Dibromomethane	Ave	0.3792	0.3641		48.0	50.0	-4.0	30.0
1,2-Dichloropropane	Ave	0.6241	0.6335		50.8	50.0	1.5	20.0
Bromodichloromethane	Ave	0.7569	0.6826		45.1	50.0	-9.8	30.0
Methyl methacrylate	Ave	0.4720	0.4698		49.8	50.0	-0.5	30.0
1,4-Dioxane	Ave	0.0054	0.0058		446	499	7.3	30.0
2-Chloroethyl vinyl ether	Ave	0.3625	0.3937		54.2	49.9	8.6	30.0
cis-1,3-Dichloropropene	Ave	0.9226	0.8877		48.1	50.0	-3.8	30.0
Toluene	Ave	2.980	2.592		43.5	50.0	-13.0	20.0
Chloroacetonitrile	Ave	0.0312	0.0335		536	500	7.3	30.0
2-Nitropropane	Ave	0.1648	0.2030		123	100	23.2	30.0
1,1-Dichloro-2-propanone	Ave	0.6011	0.6839		284	250	13.8	30.0
Tetrachloroethene	Ave	0.5301	0.4394		41.4	50.0	-17.1	30.0
methyl isobutyl ketone	Ave	1.189	1.274		53.6	50.0	7.2	30.0
trans-1,3-Dichloropropene	Ave	0.8094	0.7976		49.3	50.0	-1.5	30.0
1,1,2-Trichloroethane	Ave	0.4467	0.4236		47.4	50.0	-5.2	30.0
Ethyl methacrylate	Ave	1.046	0.9634		46.0	50.0	-7.9	30.0
Dibromochloromethane	Ave	0.7860	0.6538		41.6	50.0	-16.8	30.0
1,3-Dichloropropane	Ave	1.272	1.161		45.6	50.0	-8.7	30.0
1,2-Dibromoethane	Ave	0.7459	0.6463		43.3	50.0	-13.4	30.0
2-Hexanone	Ave	0.9083	0.998		54.9	50.0	9.9	30.0
Chlorobenzene	Ave	1.865	1.578	0.3000	42.3	50.0	-15.4	30.0
1-Chlorohexane	Ave	1.357	1.260		46.4	50.0	-7.2	30.0
Ethylbenzene	Ave	0.9660	0.8179		42.3	50.0	-15.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6503	0.5434		41.8	50.0	-16.4	30.0
m&p-Xylene	Ave	1.216	1.012		83.3	100	-16.7	30.0
o-Xylene	Ave	1.171	0.9661		41.3	50.0	-17.5	30.0
Styrene	Ave	1.954	1.564		40.0	50.0	-20.0	30.0
Bromoform	Ave	0.5019	0.3929	0.1000	39.1	50.0	-21.7	30.0
Isopropylbenzene	Ave	5.925	5.176		43.7	50.0	-12.6	30.0
Bromobenzene	Ave	1.553	1.341		43.2	50.0	-13.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53146/1 Calibration Date: 07/20/2011 10:17

Instrument ID: MSO Calib Start Date: 06/23/2011 13:41

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 06/23/2011 17:14

Lab File ID: O4950.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	8.277	7.754		46.8	50.0	-6.3	30.0
1,1,2,2-Tetrachloroethane	Ave	2.270	2.224	0.3000	49.0	50.0	-2.0	30.0
4-Ethyltoluene	Ave	6.220	5.486		44.1	50.0	-11.8	30.0
2-Chlorotoluene	Ave	5.402	5.016		46.4	50.0	-7.2	30.0
1,2,3-Trichloropropane	Ave	0.5140	0.4972		48.4	50.0	-3.3	30.0
1,3,5-Trimethylbenzene	Ave	5.222	4.510		43.2	50.0	-13.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.5782	0.6062		105	100	4.8	30.0
4-Chlorotoluene	Ave	4.949	4.440		44.9	50.0	-10.3	30.0
tert-Butylbenzene	Ave	4.285	3.790		44.2	50.0	-11.6	30.0
1,2,4-Trimethylbenzene	Ave	5.223	4.563		43.7	50.0	-12.6	30.0
sec-Butylbenzene	Ave	7.101	6.282		44.2	50.0	-11.5	30.0
4-Isopropyltoluene	Ave	5.382	4.657		43.3	50.0	-13.5	30.0
1,3-Dichlorobenzene	Ave	2.752	2.346		42.6	50.0	-14.7	30.0
1,4-Dichlorobenzene	Ave	2.754	2.338		42.4	50.0	-15.1	30.0
p-Diethylbenzene	Ave	2.617	2.247		42.9	50.0	-14.1	30.0
Benzyl chloride	Ave	0.6178	0.5413		43.8	50.0	-12.4	30.0
n-Butylbenzene	Ave	6.418	5.657		44.1	50.0	-11.9	30.0
1,2-Dichlorobenzene	Ave	2.582	2.180		42.2	50.0	-15.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.330	3.726		43.0	50.0	-13.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3150	0.3334		52.9	50.0	5.8	30.0
Nitrobenzene	Ave	0.1013	0.0728		360	500	-28.1	30.0
1,2,4-Trichlorobenzene	Ave	1.398	1.173		42.0	50.0	-16.1	30.0
Hexachlorobutadiene	Ave	0.8077	0.6799		42.1	50.0	-15.8	30.0
Naphthalene	Ave	3.102	2.829		45.6	50.0	-8.8	30.0
1,2,3-Trichlorobenzene	Ave	1.242	1.034		41.6	50.0	-16.7	30.0
Dibromofluoromethane	Ave	0.5614	0.4850		21.6	25.0	-13.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6123	0.5925		24.2	25.0	-3.2	30.0
Toluene-d8 (Surr)	Ave	2.599	2.060		19.8	25.0	-20.8	30.0
4-Bromofluorobenzene	Ave	2.087	1.767		21.2	25.0	-15.3	30.0

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4950.D
Lab Smp Id: CCVIS-632366 Client Smp ID: CCVIS-632366
Inj Date : 20-JUL-2011 10:17 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : CCVIS-632366
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 32 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.797	3.797	(1.000)	210464	25.0000	
2	Dichlorodifluoromethane	85	0.934	0.934	(0.246)	153266	50.0000	38
3	Chloromethane	50	1.013	1.013	(0.267)	354662	50.0000	47
4	Vinyl Chloride	62	1.042	1.042	(0.275)	294205	50.0000	51
5	Bromomethane	94	1.170	1.170	(0.308)	137630	50.0000	52
6	Chloroethane	64	1.219	1.219	(0.321)	158702	50.0000	63
7	Trichlorofluoromethane	101	1.278	1.278	(0.337)	284507	50.0000	51
8	Dichlorofluoromethane	67	1.298	1.298	(0.342)	418572	50.0000	53
9	Ethyl Ether	45	1.396	1.396	(0.368)	166870	50.0000	56
10	Ethanol	45	1.445	1.445	(0.381)	153441	500.000	650
12	Freon 123	67	1.505	1.505	(0.396)	65365	50.0000	46
13	Trichlorotrifluoroethane	101	1.505	1.505	(0.396)	196817	50.0000	47
14	1,1-Dichloroethene	96	1.505	1.505	(0.396)	152966	50.0000	44
15	Carbon Disulfide	76	1.524	1.524	(0.402)	684333	50.0000	42
16	Iodomethane	142	1.573	1.573	(0.414)	239732	50.0000	41
17	Acrolein	56	1.652	1.652	(0.435)	148749	250.000	160
18	2-Propanol	45	1.711	1.711	(0.451)	69995	50.0000	60
19	3-Chloro-1-Propene	41	1.711	1.711	(0.451)	491174	50.0000	52
20	Methylene Chloride	84	1.770	1.770	(0.466)	251016	50.0000	46
21	Acetone	43	1.790	1.790	(0.471)	194623	50.0000	59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.859	1.859	(0.490)	195966	50.0000	46
	23 Methyl Acetate	43	1.849	1.849	(0.487)	1597194	50.0000	61
	24 Methyl tert-Butyl Ether	73	1.898	1.898	(0.500)	641298	50.0000	50
	25 tert-Butyl alcohol	59	1.937	1.937	(0.510)	231413	250.000	280
	26 Acetonitrile	41	2.046	2.046	(0.539)	466323	500.000	580
	27 Isopropyl ether	45	2.105	2.105	(0.554)	1075606	50.0000	52
	28 tert-Butyl ethyl ether	59	2.341	2.341	(0.617)	809854	50.0000	50
	29 2-Chloro-1,3-Butadiene	88	2.193	2.193	(0.578)	180524	50.0000	42
	30 Acrylonitrile	53	2.233	2.233	(0.588)	263189	100.000	110
	31 1,1-Dichloroethane	63	2.203	2.203	(0.580)	446668	50.0000	51
	32 Vinyl Acetate	43	2.351	2.351	(0.619)	597054	50.0000	41
	33 cis-1,2-Dichloroethene	96	2.577	2.577	(0.679)	227687	50.0000	46
	34 2,2-Dichloropropane	77	2.656	2.656	(0.699)	325595	50.0000	46
	35 Bromochloromethane	128	2.734	2.734	(0.720)	103787	50.0000	44
	37 Cyclohexane	84	2.744	2.744	(0.723)	310966	50.0000	44
	38 Chloroform	83	2.793	2.793	(0.736)	390989	50.0000	46
	39 Ethyl Acetate	43	2.892	2.892	(0.762)	37494	100.000	90
	40 Methyl Acrylate	55	2.892	2.892	(0.762)	281196	50.0000	56
$	41 Dibromofluoromethane	111	2.951	2.951	(0.777)	102068	25.0000	22
	42 Tetrahydrofuran	42	2.921	2.921	(0.769)	261303	100.000	120
	43 Carbon Tetrachloride	117	2.911	2.911	(0.767)	262975	50.0000	46
	44 1,1,1-Trichloroethane	97	2.971	2.971	(0.782)	280623	50.0000	47
	45 2-Butanone	43	3.059	3.059	(0.806)	228537	50.0000	58
	46 1,1-Dichloropropene	75	3.079	3.079	(0.811)	317357	50.0000	48
	47 tert-Amyl methyl ether	73	3.453	3.453	(0.909)	667609	50.0000	49
	49 1-Chlorobutane	56	3.128	3.128	(0.824)	505155	50.0000	49
	51 Propionitrile	54	3.344	3.344	(0.881)	455555	500.000	560
	52 Benzene	78	3.325	3.325	(0.876)	852820	50.0000	47
	53 2-Methyl-2-Propenenitrile	41	3.364	3.364	(0.886)	227029	50.0000	56
	54 Isobutyl alcohol	42	3.590	3.590	(0.946)	141358	250.000	280
$	55 1,2-Dichloroethane-d4	65	3.462	3.462	(0.912)	124704	25.0000	24
	56 1,2-Dichloroethane	62	3.541	3.541	(0.933)	311915	50.0000	54
	59 Methyl Cyclohexane	83	3.994	3.994	(1.052)	361288	50.0000	45
	60 Trichloroethene	130	4.013	4.013	(1.057)	183014	50.0000	45
	63 Dibromomethane	93	4.545	4.545	(1.197)	153272	50.0000	48
	64 1,2-Dichloropropane	63	4.663	4.663	(1.228)	266673	50.0000	51
	65 Bromodichloromethane	83	4.771	4.771	(1.257)	287304	50.0000	45
	66 Methyl Methacrylate	69	4.988	4.988	(1.314)	197730	50.0000	50
	67 1,4-Dioxane	58	5.007	5.007	(1.319)	24440	500.000	450
	69 2-Chloroethylvinylether	63	5.460	5.460	(1.438)	165426	50.0000	54
	70 cis-1,3-Dichloropropene	75	5.489	5.489	(1.446)	373649	50.0000	48
	71 Chloroacetonitrile	48	5.922	5.922	(1.560)	140812	500.000	540
	72 2-Nitropropane	41	5.971	5.971	(1.573)	170932	100.000	120
	73 trans-1,3-Dichloropropene	75	6.188	6.188	(1.630)	335729	50.0000	49
	74 1,1,2-Trichloroethane	97	6.335	6.335	(1.668)	178288	50.0000	47
*	75 Chlorobenzene-d5	117	7.201	7.201	(1.000)	154452	25.0000	
	76 Toluene	91	5.735	5.735	(0.796)	800679	50.0000	43
$	77 Toluene-d8	98	5.686	5.686	(0.790)	318136	25.0000	20
	78 1,1-Dichloro-2-propanone	43	5.991	5.991	(0.832)	1056274	250.000	280
	79 4-Methyl-2-Pentanone	43	6.158	6.158	(0.855)	393676	50.0000	54
	80 Tetrachloroethene	164	6.129	6.129	(0.851)	135735	50.0000	41
	81 Ethyl Methacrylate	69	6.394	6.394	(0.888)	297596	50.0000	46
	82 Dibromochloromethane	129	6.503	6.503	(0.903)	201954	50.0000	42
	83 1,3-Dichloropropane	76	6.591	6.591	(0.915)	358684	50.0000	46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
84	1,2-Dibromoethane	107	6.700	6.700	(0.930)	199645	50.0000	43
86	2-Hexanone	43	6.985	6.985	(0.970)	308255	50.0000	55
87	1-Chlorohexane	91	7.250	7.250	(1.007)	389088	50.0000	46(M)
88	Chlorobenzene	112	7.221	7.221	(1.003)	487585	50.0000	42
89	1,1,1,2-Tetrachloroethane	131	7.290	7.290	(1.012)	167848	50.0000	42
90	Ethylbenzene	106	7.270	7.270	(1.010)	252645	50.0000	42
91	Xylene (total)mp	106	7.408	7.408	(1.029)	625484	100.000	83
92	Xylene (total)o	106	7.792	7.792	(1.082)	298446	50.0000	41
93	Styrene	104	7.841	7.841	(1.089)	482992	50.0000	40
94	Bromoform	173	7.851	7.851	(1.090)	121361	50.0000	39
* 95	1,4-Dichlorobenzene-d4	152	9.307	9.307	(1.000)	67727	25.0000	
96	Isopropylbenzene	105	8.087	8.087	(0.869)	701093	50.0000	44
97	Bromobenzene	156	8.402	8.402	(0.903)	181672	50.0000	43
98	1,1,2,2-Tetrachloroethane	83	8.530	8.530	(0.916)	301309	50.0000	49
99	4-Ethyltoluene	105	8.559	8.559	(0.920)	743154	50.0000	44
100	1,2,3-Trichloropropane	110	8.628	8.628	(0.927)	67353	50.0000	48
101	trans-1,4-Dichloro-2-Butene	53	8.677	8.677	(0.932)	164225	100.000	100
102	n-Propylbenzene	91	8.451	8.451	(0.908)	1050377	50.0000	47
103	2-Chlorotoluene	91	8.569	8.569	(0.921)	679403	50.0000	46
104	4-Chlorotoluene	91	8.726	8.726	(0.938)	601443	50.0000	45
105	1,3,5-Trimethylbenzene	105	8.638	8.638	(0.928)	610875	50.0000	43
106	tert-Butylbenzene	119	8.913	8.913	(0.958)	513310	50.0000	44
107	1,2,4-Trimethylbenzene	105	8.972	8.972	(0.964)	618019	50.0000	44
108	sec-Butylbenzene	105	9.061	9.061	(0.974)	850921	50.0000	44
109	4-Isopropyltoluene	119	9.199	9.199	(0.988)	630748	50.0000	43
110	1,3-Dichlorobenzene	146	9.238	9.238	(0.993)	317785	50.0000	43
111	1,4-Dichlorobenzene	146	9.317	9.317	(1.001)	316713	50.0000	42
112	1,2-Dichlorobenzene	146	9.671	9.671	(1.039)	295307	50.0000	42
113	Benzyl Chloride	126	9.543	9.543	(1.025)	73314	50.0000	44
114	1,4-Diethylbenzene	119	9.523	9.523	(1.023)	304351	50.0000	43
115	n-Butylbenzene	91	9.572	9.572	(1.029)	766300	50.0000	44
118	1,2,4,5-Tetramethylbenzene	119	10.222	10.222	(1.098)	504765	50.0000	43
119	1,2-Dibromo-3-chloropropane	75	10.379	10.379	(1.115)	45160	50.0000	53
120	Nitrobenzene	77	10.861	10.861	(1.167)	98652	500.000	360
121	1,2,4-Trichlorobenzene	180	10.970	10.970	(1.179)	158908	50.0000	42
122	Hexachlorobutadiene	225	10.970	10.970	(1.179)	92099	50.0000	42
123	Naphthalene	128	11.245	11.245	(1.208)	383164	50.0000	46
124	1,2,3-Trichlorobenzene	180	11.412	11.412	(1.226)	140073	50.0000	42
$ 125	Bromofluorobenzene	95	8.323	8.323	(0.894)	119657	25.0000	21
M 126	1,2-Dichloroethene (total)	100				423653	100.000	92
M 127	Xylene (total)	100				923930	150.000	120

QC Flag Legend

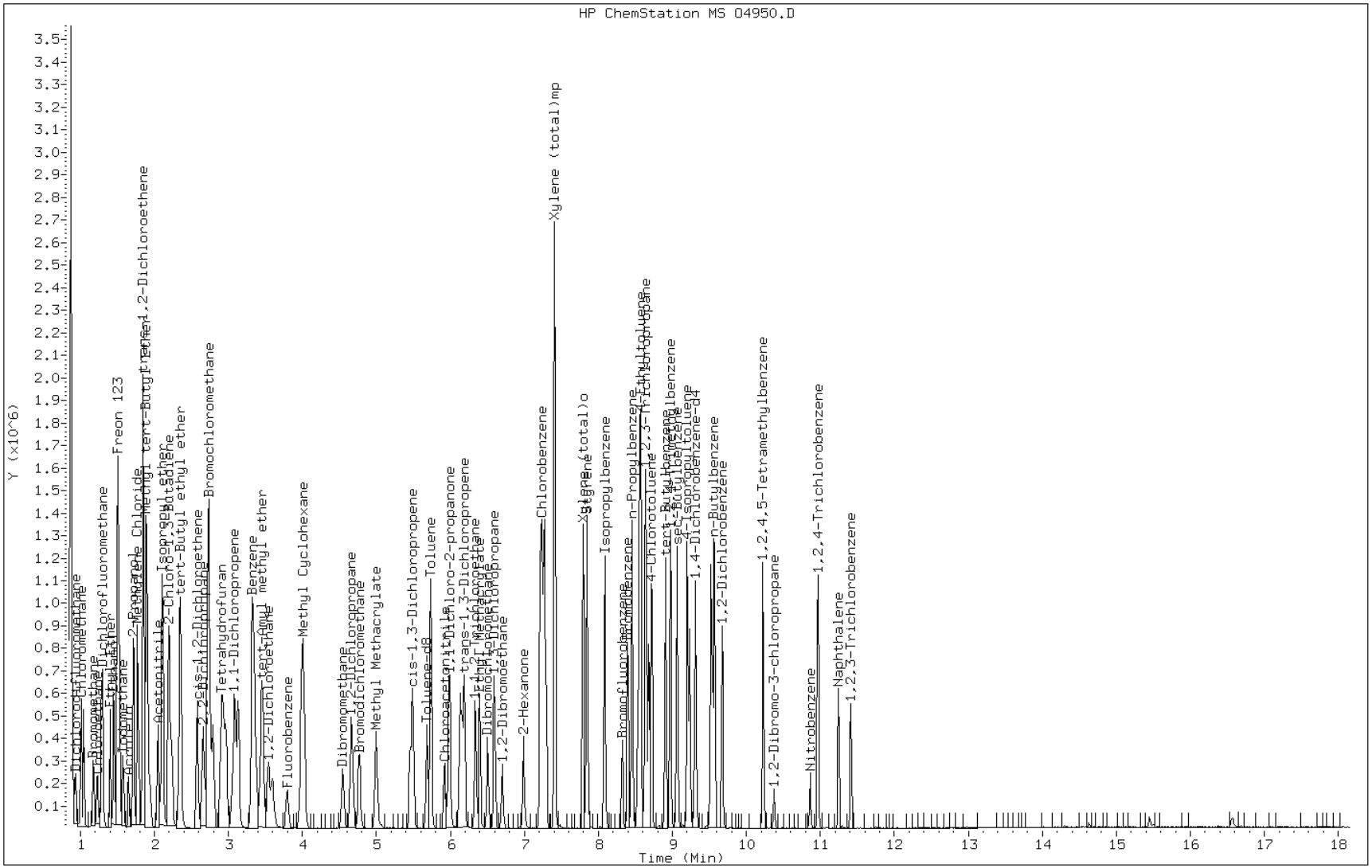
M - Compound response manually integrated.

Data File: O4950.D

Date: 20-JUL-2011 10:17

Client ID: CCVIS-632366 Instrument: mso.i

Sample Info: CCVIS-632366 Operator: D. HUMBERT



Manual Integration Report

Data File: O4950.D
Inj. Date and Time: 20-JUL-2011 10:17
Instrument ID: mso.i
Client ID: CCVIS-632366
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/21/2011

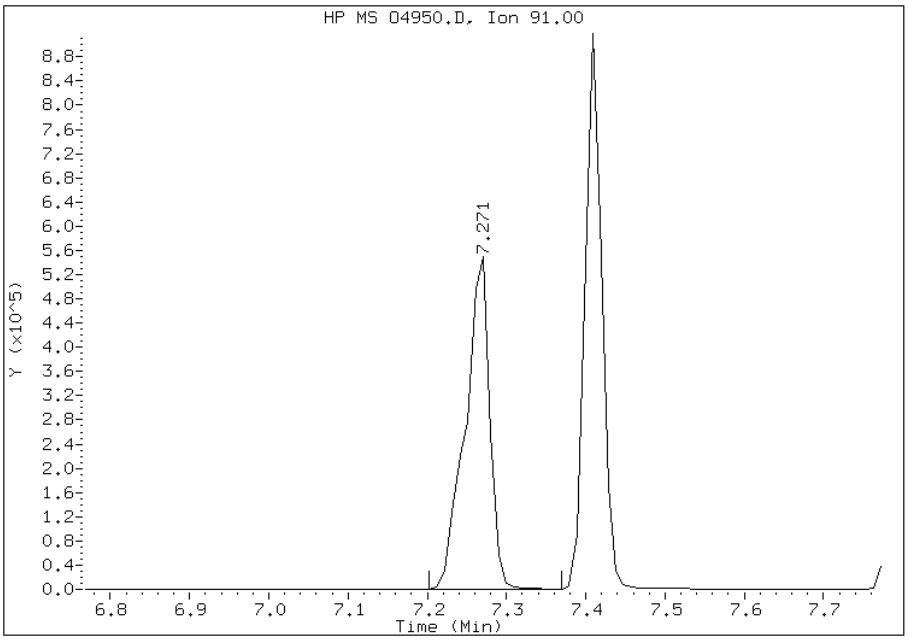
Processing Integration Results

RT: 7.27

Response: 1203286

Amount: 143

Conc: 143



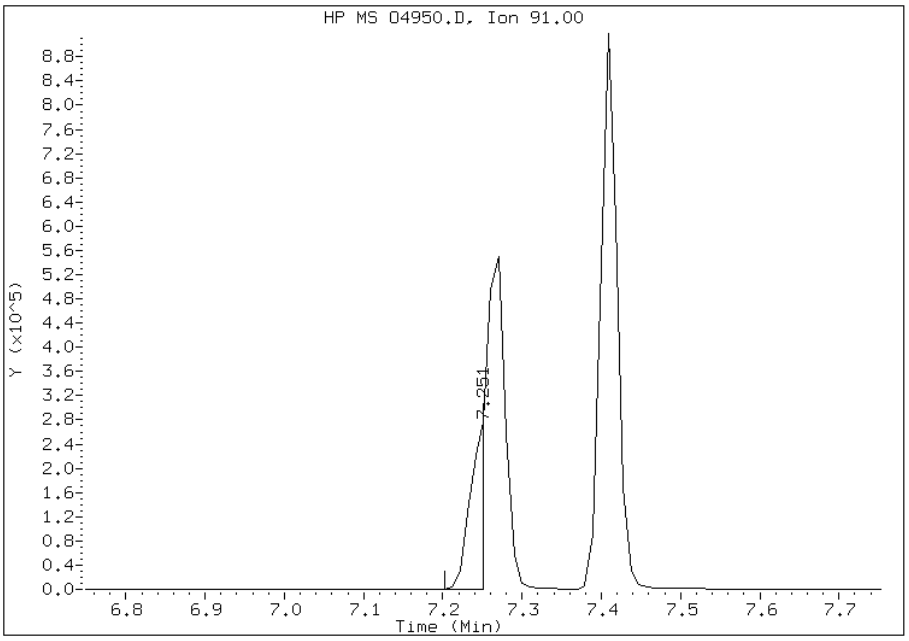
Manual Integration Results

RT: 7.25

Response: 389088

Amount: 46

Conc: 46



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53093/1 Calibration Date: 07/20/2011 09:45

Instrument ID: MSV Calib Start Date: 07/13/2011 14:31

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 16:47

Lab File ID: V2399.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2113	0.2406		22.8	20.0	13.8	30.0
Chloromethane	Ave	0.2296	0.1992	0.1000	17.4	20.0	-13.2	30.0
Vinyl chloride	Ave	0.2159	0.2055		19.0	20.0	-4.8	20.0
Bromomethane	Ave	0.1350	0.0973		14.4	20.0	-27.9	30.0
Chloroethane	Ave	0.1109	0.1217		21.9	20.0	9.7	30.0
Trichlorofluoromethane	Ave	0.4382	0.5422		24.7	20.0	23.7	30.0
Dichlorofluoromethane	Ave	0.3640	0.4087		22.5	20.0	12.3	30.0
Ethyl ether	Ave	0.1366	0.1075		15.7	20.0	-21.3	30.0
Ethanol	Lin	0.0075	0.0090		226	200	13.0	30.0
1,1-Dichloroethene	Ave	0.1737	0.2002		23.1	20.0	15.3	20.0
Carbon disulfide	Ave	0.7174	0.6827		19.0	20.0	-4.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2355	0.2627		22.3	20.0	11.6	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0519	0.0481		18.5	20.0	-7.5	30.0
Iodomethane	Lin	0.2484	0.2997		21.1	20.0	5.6	30.0
Acrolein	Ave	0.0358	0.0253		70.6	100	-29.5	30.0
3-Chloro-1-propene	Ave	0.3131	0.2828		18.1	20.0	-9.7	30.0
Isopropyl alcohol	Lin	0.0331	0.0216		14.3	20.1	-28.6	30.0
Methylene Chloride	Ave	0.3167	0.2750		17.4	20.0	-13.2	30.0
Acetone	Ave	0.0750	0.0995		26.5	20.0	32.7*	30.0
trans-1,2-Dichloroethene	Ave	0.2276	0.2452		21.5	20.0	7.7	30.0
Methyl acetate	Ave	0.9417	0.8218		17.5	20.0	-12.7	30.0
Methyl tert-butyl ether	Ave	0.7282	0.7735		21.2	20.0	6.2	30.0
tert-Butyl alcohol	Ave	0.0311	0.0275		88.5	100	-11.5	30.0
Acetonitrile	Ave	0.0248	0.0211		169	200	-15.1	30.0
Isopropyl ether	Ave	0.6879	0.5970		17.4	20.0	-13.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2075	0.2182		21.0	20.0	5.2	30.0
1,1-Dichloroethane	Ave	0.4333	0.4428	0.1000	20.4	20.0	2.2	30.0
Acrylonitrile	Ave	0.0892	0.0768		34.5	40.0	-13.9	30.0
Tert-butyl ethyl ether	Ave	0.7022	0.7142		20.3	20.0	1.7	30.0
Vinyl acetate	Ave	0.5093	0.4211		16.5	20.0	-17.3	30.0
cis-1,2-Dichloroethene	Ave	0.2765	0.2535		18.3	20.0	-8.3	30.0
2,2-Dichloropropane	Ave	0.3676	0.4841		26.3	20.0	31.7*	30.0
Bromochloromethane	Ave	0.1393	0.1549		22.2	20.0	11.2	30.0
Cyclohexane	Ave	0.3110	0.3142		20.2	20.0	1.0	30.0
Chloroform	Ave	0.5207	0.5284		20.3	20.0	1.5	20.0
Carbon tetrachloride	Ave	0.4205	0.5676		27.0	20.0	35.0*	30.0
Methyl acrylate	Ave	0.2329	0.1859		16.0	20.0	-20.2	30.0
Tetrahydrofuran	Ave	0.0780	0.0664		34.0	40.0	-14.9	30.0
Ethyl acetate	Lin	0.0308	0.0232		32.1	40.0	-19.9	30.0
1,1,1-Trichloroethane	Ave	0.4291	0.5766		26.9	20.0	34.4*	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53093/1 Calibration Date: 07/20/2011 09:45

Instrument ID: MSV Calib Start Date: 07/13/2011 14:31

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 16:47

Lab File ID: V2399.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.1080	0.1133		21.0	20.0	4.9	30.0
1,1-Dichloropropene	Ave	0.3364	0.3432		20.4	20.0	2.0	30.0
1-Chlorobutane	Ave	0.4203	0.4497		21.4	20.0	7.0	30.0
Benzene	Ave	0.9789	0.9352		19.1	20.0	-4.5	30.0
Propionitrile	Ave	0.0350	0.0314		180	200	-10.2	30.0
Methacrylonitrile	Ave	0.1438	0.1270		17.7	20.0	-11.6	30.0
Tert-amyl methyl ether	Ave	0.6639	0.6855		20.7	20.0	3.3	30.0
1,2-Dichloroethane	Ave	0.3609	0.4534		25.1	20.0	25.6	30.0
Isobutyl alcohol	Ave	0.0058	0.0043		146	200	-26.9	30.0
Methylcyclohexane	Ave	0.4015	0.4024		20.0	20.0	0.2	30.0
Trichloroethene	Ave	0.2847	0.2861		20.1	20.0	0.5	30.0
Dibromomethane	Ave	0.1861	0.1938		20.8	20.0	4.1	30.0
1,2-Dichloropropane	Ave	0.2528	0.2279		18.0	20.0	-9.9	20.0
Bromodichloromethane	Ave	0.3809	0.4394		23.1	20.0	15.4	30.0
1,4-Dioxane	Lin	0.0033	0.0021		173	200	-13.5	30.0
Methyl methacrylate	Lin	0.2011	0.1737		16.9	20.0	-15.7	30.0
2-Chloroethyl vinyl ether	Ave	0.1535	0.1157		15.1	20.0	-24.6	30.0
cis-1,3-Dichloropropene	Ave	0.4117	0.4186		20.3	20.0	1.7	30.0
Toluene	Ave	1.433	1.294		18.1	20.0	-9.7	20.0
Chloroacetonitrile	Ave	0.0090	0.0085		189	200	-5.4	30.0
2-Nitropropane	Ave	0.0653	0.0709		43.4	40.0	8.5	30.0
1,1-Dichloro-2-propanone	Ave	0.1636	0.1382		84.5	100	-15.5	30.0
Tetrachloroethene	Ave	0.3105	0.3099		20.0	20.0	-0.2	30.0
methyl isobutyl ketone	Ave	0.3038	0.2384		15.7	20.0	-21.5	30.0
trans-1,3-Dichloropropene	Ave	0.4170	0.4408		21.1	20.0	5.7	30.0
1,1,2-Trichloroethane	Ave	0.2379	0.2342		19.7	20.0	-1.6	30.0
Ethyl methacrylate	Ave	0.3802	0.3058		16.1	20.0	-19.6	30.0
Dibromochloromethane	Ave	0.4623	0.4389		19.0	20.0	-5.1	30.0
1,3-Dichloropropane	Ave	0.5324	0.4943		18.6	20.0	-7.2	30.0
1,2-Dibromoethane	Ave	0.3634	0.3468		19.1	20.0	-4.6	30.0
2-Hexanone	Ave	0.1945	0.1725		17.7	20.0	-11.3	30.0
Chlorobenzene	Ave	0.9629	0.8960	0.3000	18.6	20.0	-6.9	30.0
1-Chlorohexane	Lin	0.3565	0.2778		13.2	20.0	-33.8*	30.0
Ethylbenzene	Ave	0.5164	0.4566		17.7	20.0	-11.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3870	0.4036		20.9	20.0	4.3	30.0
m&p-Xylene	Ave	0.6044	0.6049		40.0	40.0	0.0	30.0
o-Xylene	Ave	0.5743	0.5669		19.7	20.0	-1.3	30.0
Bromoform	Ave	0.3445	0.3403	0.1000	19.8	20.0	-1.2	30.0
Styrene	Ave	0.9608	0.9157		19.1	20.0	-4.7	30.0
Isopropylbenzene	Ave	2.322	2.112		18.2	20.0	-9.1	30.0
Bromobenzene	Ave	0.8096	0.7057		17.4	20.0	-12.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53093/1 Calibration Date: 07/20/2011 09:45

Instrument ID: MSV Calib Start Date: 07/13/2011 14:31

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 16:47

Lab File ID: V2399.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
N-Propylbenzene	Ave	3.034	2.707		17.8	20.0	-10.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7535	0.5401	0.3000	14.3	20.0	-28.3	30.0
2-Chlorotoluene	Ave	2.255	1.971		17.5	20.0	-12.6	30.0
4-Ethyltoluene	Ave	2.538	2.371		18.7	20.0	-6.6	30.0
1,2,3-Trichloropropane	Ave	0.2352	0.2137		18.2	20.0	-9.1	30.0
1,3,5-Trimethylbenzene	Ave	2.189	2.108		19.3	20.0	-3.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2077	0.1892		36.4	40.0	-8.9	30.0
4-Chlorotoluene	Ave	2.058	1.881		18.3	20.0	-8.6	30.0
tert-Butylbenzene	Ave	1.877	1.735		18.5	20.0	-7.6	30.0
1,2,4-Trimethylbenzene	Ave	2.303	2.171		18.9	20.0	-5.7	30.0
sec-Butylbenzene	Ave	2.668	2.517		18.9	20.0	-5.7	30.0
4-Isopropyltoluene	Ave	2.264	2.234		19.7	20.0	-1.3	30.0
1,3-Dichlorobenzene	Ave	1.501	1.259		16.8	20.0	-16.1	30.0
1,4-Dichlorobenzene	Ave	1.574	1.359		17.3	20.0	-13.7	30.0
p-Diethylbenzene	Ave	1.217	1.080		17.7	20.0	-11.3	30.0
Benzyl chloride	Ave	0.3017	0.2934		19.5	20.0	-2.7	30.0
n-Butylbenzene	Ave	2.344	2.127		18.2	20.0	-9.2	30.0
1,2-Dichlorobenzene	Ave	1.431	1.300		18.2	20.0	-9.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.321	2.001		17.2	20.0	-13.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1745	0.1590		18.2	20.0	-8.9	30.0
Nitrobenzene	Lin	0.0914	0.0617		147	200	-26.5	30.0
1,2,4-Trichlorobenzene	Ave	1.284	1.077		16.8	20.0	-16.1	30.0
Hexachlorobutadiene	Ave	0.6564	0.5793		17.6	20.0	-11.8	30.0
Naphthalene	Ave	2.864	2.121		14.8	20.0	-25.9	30.0
1,2,3-Trichlorobenzene	Ave	1.251	1.057		16.9	20.0	-15.6	30.0
Dibromofluoromethane	Ave	0.2792	0.2814		25.2	25.0	0.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3333	0.3636		27.3	25.0	9.1	30.0
Toluene-d8 (Surr)	Ave	1.291	1.046		20.3	25.0	-19.0	30.0
4-Bromofluorobenzene	Ave	0.8257	0.6263		19.0	25.0	-24.2	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2399.D
Lab Smp Id: CCVIS-632355 Client Smp ID: CCVIS-632355
Inj Date : 20-JUL-2011 09:45 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS-632355
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	273944	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	52721	20.0000	23
3	Chloromethane	50	1.089	1.089	(0.225)	43654	20.0000	17
4	Vinyl Chloride	62	1.132	1.132	(0.234)	45035	20.0000	19
5	Bromomethane	94	1.324	1.324	(0.274)	21321	20.0000	14
6	Chloroethane	64	1.393	1.393	(0.288)	26671	20.0000	22
7	Trichlorofluoromethane	101	1.479	1.479	(0.306)	118831	20.0000	25
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	89558	20.0000	22
9	Ethyl Ether	45	1.676	1.676	(0.347)	23568	20.0000	16
10	Ethanol	45	1.730	1.730	(0.358)	19607	200.000	220
12	Freon 123	67	1.847	1.847	(0.382)	10530	20.0000	18
13	Trichlorotrifluoroethane	101	1.836	1.836	(0.380)	57580	20.0000	22
14	1,1-Dichloroethene	96	1.804	1.804	(0.373)	43864	20.0000	23
15	Carbon Disulfide	76	1.820	1.820	(0.377)	149608	20.0000	19
16	Iodomethane	142	1.900	1.900	(0.393)	65681	20.0000	21
17	Acrolein	56	2.039	2.039	(0.422)	27742	100.000	71
18	2-Propanol	45	2.178	2.178	(0.450)	4746	20.0000	14(M)
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	61976	20.0000	18
20	Methylene Chloride	84	2.221	2.221	(0.459)	60264	20.0000	17
21	Acetone	43	2.263	2.263	(0.468)	21799	20.0000	26
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	53746	20.0000	22
23	Methyl Acetate	43	2.370	2.370	(0.490)	180105	20.0000	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	169520	20.0000	21
	25 tert-Butyl alcohol	59	2.536	2.536	(0.524)	30162	100.000	88
	26 Acetonitrile	41	2.648	2.648	(0.548)	46112	200.000	170
	27 Isopropyl ether	45	2.808	2.808	(0.581)	130842	20.0000	17
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.658)	156527	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	47819	20.0000	21
	30 Acrylonitrile	53	2.941	2.941	(0.608)	33681	40.0000	34
	31 1,1-Dichloroethane	63	2.904	2.904	(0.601)	97039	20.0000	20
	32 Vinyl Acetate	43	3.181	3.181	(0.658)	92225	20.0000	16
	33 cis-1,2-Dichloroethene	96	3.453	3.453	(0.714)	55550	20.0000	18
	34 2,2-Dichloropropane	77	3.571	3.571	(0.738)	106086	20.0000	26
	35 Bromochloromethane	128	3.656	3.656	(0.756)	33946	20.0000	22(M)
	37 Cyclohexane	84	3.662	3.662	(0.757)	68867	20.0000	20
	38 Chloroform	83	3.763	3.763	(0.778)	115791	20.0000	20
	39 Ethyl Acetate	43	3.918	3.918	(0.810)	10170	40.0000	32
	40 Methyl Acrylate	55	3.912	3.912	(0.809)	40737	20.0000	16
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	77094	20.0000	25
	42 Tetrahydrofuran	42	3.912	3.912	(0.809)	29089	40.0000	34
	43 Carbon Tetrachloride	117	3.891	3.891	(0.805)	124381	20.0000	27
	44 1,1,1-Trichloroethane	97	3.960	3.960	(0.819)	126369	20.0000	27
	45 2-Butanone	43	4.089	4.089	(0.846)	24838	20.0000	21
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	75219	20.0000	20
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	150236	20.0000	21
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	98546	20.0000	21
	50 Heptane	43	4.542	4.542	(0.939)	45356	20.0000	21
	51 Propionitrile	54	4.387	4.387	(0.907)	68830	200.000	180
	52 Benzene	78	4.361	4.361	(0.902)	204942	20.0000	19
	53 2-Methyl-2-Propenenitrile	41	4.419	4.419	(0.914)	27842	20.0000	18(M)
	54 Isobutyl alcohol	42	4.713	4.713	(0.975)	9297	200.000	150(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	99603	20.0000	27
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	99364	20.0000	25
	59 Methyl Cyclohexane	83	5.006	5.006	(1.035)	88189	20.0000	20
	60 Trichloroethene	130	5.033	5.033	(1.041)	62703	20.0000	20
	63 Dibromomethane	93	5.487	5.487	(1.135)	42471	20.0000	21
	64 1,2-Dichloropropane	63	5.599	5.599	(1.158)	49939	20.0000	18(T)
	65 Bromodichloromethane	83	5.716	5.716	(1.182)	96299	20.0000	23
	66 Methyl Methacrylate	69	5.951	5.951	(1.231)	38057	20.0000	17
	67 1,4-Dioxane	58	5.940	5.940	(1.228)	4551	200.000	170(M)
	69 2-Chloroethylvinylether	63	6.426	6.426	(1.329)	25319	20.0000	15
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	91738	20.0000	20
	71 Chloroacetonitrile	48	6.938	6.938	(1.435)	18614	200.000	190
	72 2-Nitropropane	41	7.008	7.008	(1.449)	31065	40.0000	43
	73 trans-1,3-Dichloropropene	75	7.264	7.264	(1.502)	96603	20.0000	21
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	51332	20.0000	20
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	225330	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	233187	20.0000	18
$	77 Toluene-d8	98	6.677	6.677	(0.778)	235757	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	124563	100.000	84
	79 4-Methyl-2-Pentanone	43	7.237	7.237	(0.844)	42980	20.0000	16
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	55868	20.0000	20
	81 Ethyl Methacrylate	69	7.536	7.536	(0.879)	55117	20.0000	16
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	79124	20.0000	19
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	89100	20.0000	18
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	62522	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.294	8.294	(0.967)	31098	20.0000	18
87	1-Chlorohexane	91	8.652	8.652	(1.009)	50076	20.0000	13(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	161517	20.0000	19
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	72757	20.0000	21
90	Ethylbenzene	106	8.678	8.678	(1.012)	82301	20.0000	18
91	Xylene (total)mp	106	8.881	8.881	(1.035)	218077	40.0000	40
92	Xylene (total)o	106	9.393	9.393	(1.095)	102197	20.0000	20
93	Styrene	104	9.463	9.463	(1.103)	165068	20.0000	19
94	Bromoform	173	9.447	9.447	(1.101)	61340	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	144156	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	243592	20.0000	18
97	Bromobenzene	156	10.093	10.093	(0.915)	81384	20.0000	17
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.931)	62284	20.0000	14
99	4-Ethyltoluene	105	10.295	10.295	(0.934)	273463	20.0000	19
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	24649	20.0000	18
101	trans-1,4-Dichloro-2-Butene	53	10.413	10.413	(0.944)	43646	40.0000	36
102	n-Propylbenzene	91	10.183	10.183	(0.924)	312164	20.0000	18
103	2-Chlorotoluene	91	10.295	10.295	(0.934)	227348	20.0000	17
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	216943	20.0000	18
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.942)	243051	20.0000	19
106	tert-Butylbenzene	119	10.658	10.658	(0.967)	200095	20.0000	18
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	250427	20.0000	19
108	sec-Butylbenzene	105	10.813	10.813	(0.981)	290263	20.0000	19
109	4-Isopropyltoluene	119	10.946	10.946	(0.993)	257668	20.0000	20
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	145215	20.0000	17
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	156743	20.0000	17
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	149943	20.0000	18
113	Benzyl Chloride	126	11.251	11.251	(1.020)	33838	20.0000	19
114	1,4-Diethylbenzene	119	11.245	11.245	(1.020)	124510	20.0000	18
115	n-Butylbenzene	91	11.288	11.288	(1.024)	245289	20.0000	18
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	230801	20.0000	17
119	1,2-Dibromo-3-chloropropane	75	11.992	11.992	(1.088)	18341	20.0000	18
120	Nitrobenzene	77	12.398	12.398	(1.124)	71107	200.000	150
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.133)	124194	20.0000	17
122	Hexachlorobutadiene	225	12.489	12.489	(1.133)	66802	20.0000	18
123	Naphthalene	128	12.718	12.718	(1.153)	244658	20.0000	15
124	1,2,3-Trichlorobenzene	180	12.846	12.846	(1.165)	121863	20.0000	17
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.909)	90280	20.0000	19
M 126	1,2-Dichloroethene (total)	100				109296	40.0000	40
M 127	Xylene (total)	100				320274	60.0000	60

QC Flag Legend

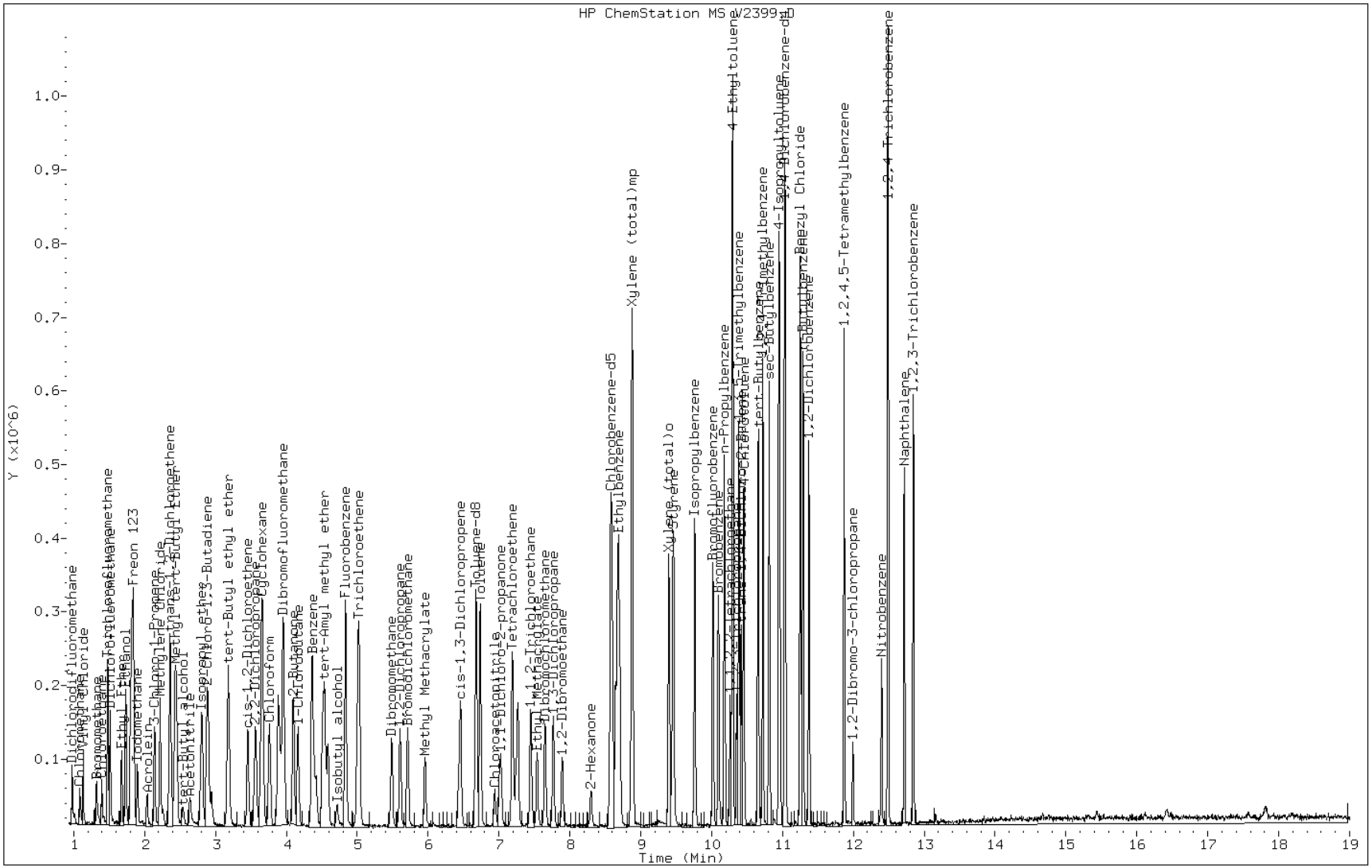
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: V2399.D

Date: 20-JUL-2011 09:45

Client ID: CCVIS-632355 Instrument: msv.i

Sample Info: CCVIS-632355 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 35 Bromochloromethane
CAS #: 74-97-5
Report Date: 07/20/2011

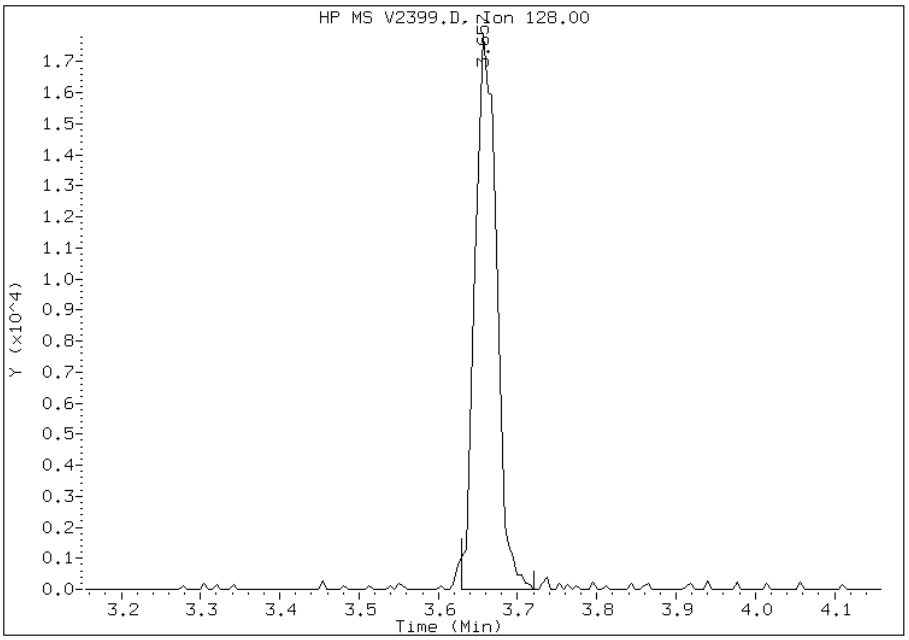
Processing Integration Results

RT: 3.66

Response: 33649

Amount: 22

Conc: 22



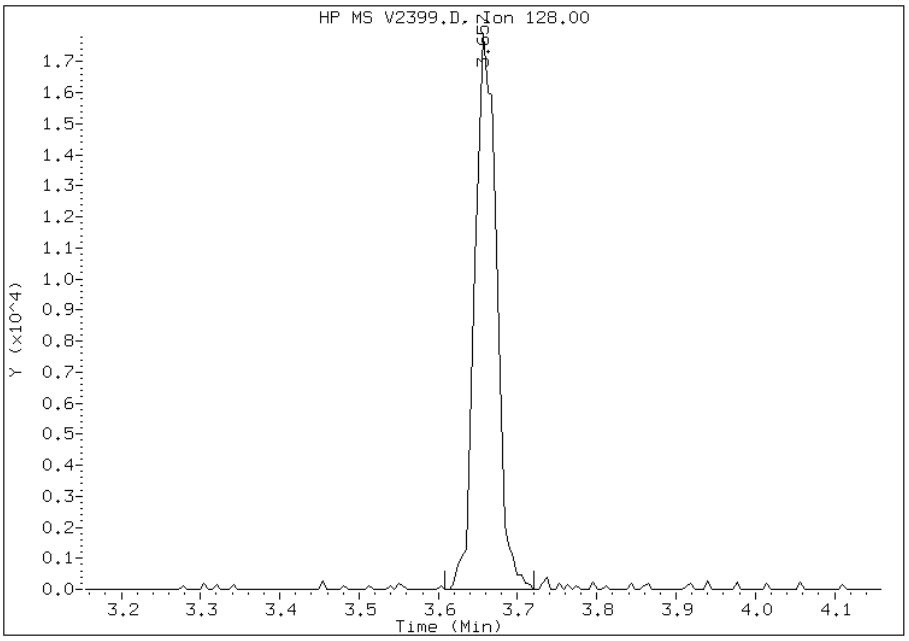
Manual Integration Results

RT: 3.66

Response: 33946

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/20/2011

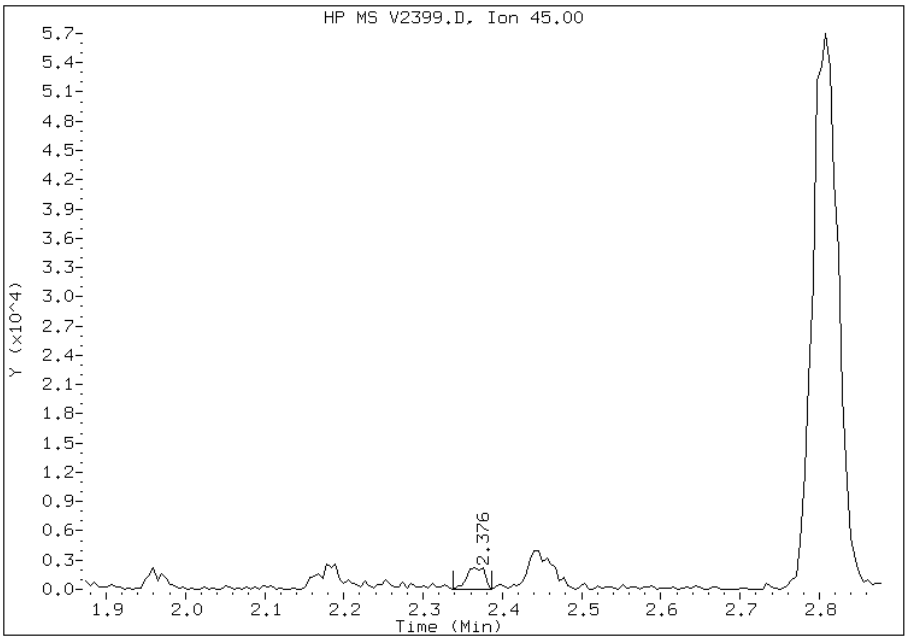
Processing Integration Results

RT: 2.38

Response: 3453

Amount: 10

Conc: 10



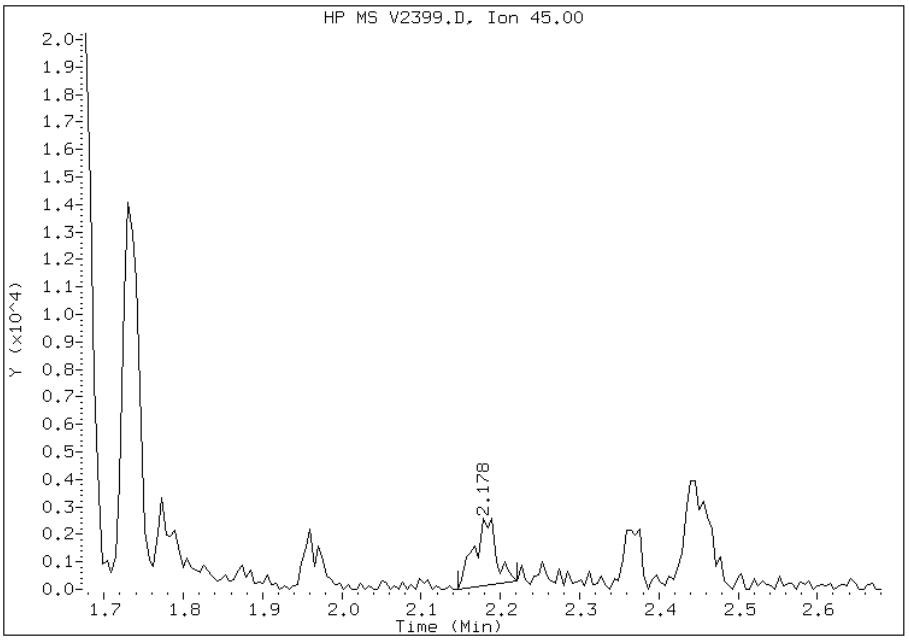
Manual Integration Results

RT: 2.18

Response: 4746

Amount: 14

Conc: 14



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/20/2011

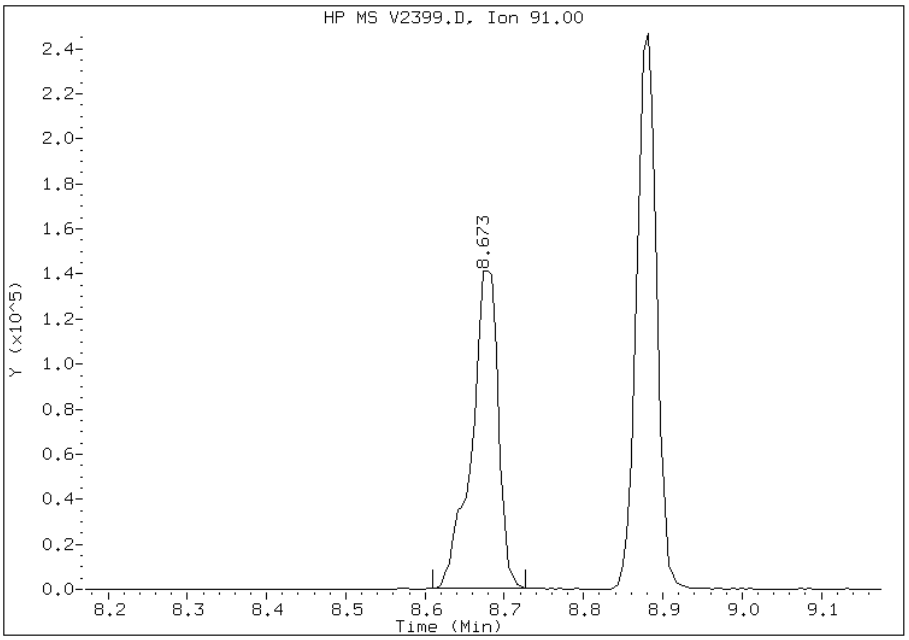
Processing Integration Results

RT: 8.67

Response: 326366

Amount: 69

Conc: 69



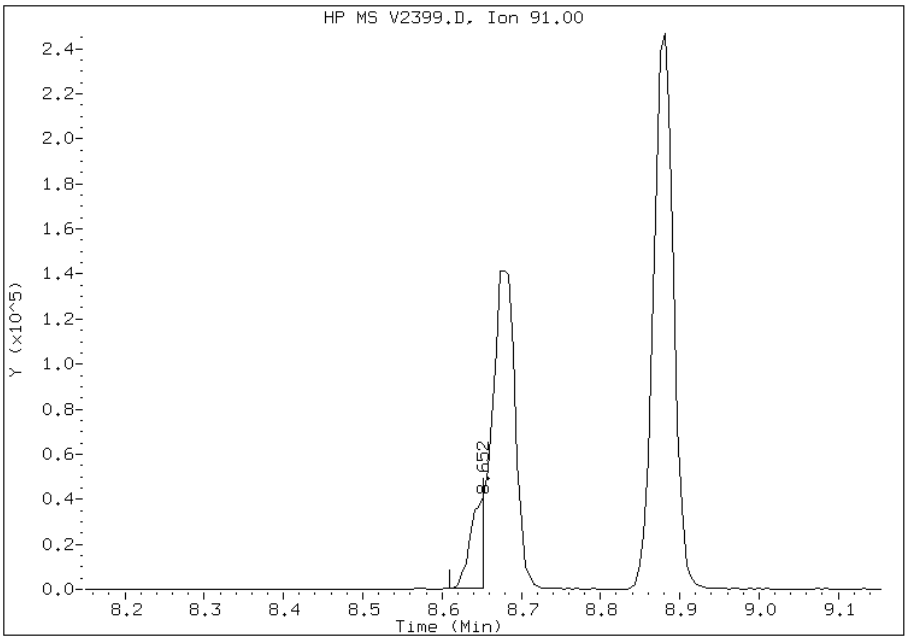
Manual Integration Results

RT: 8.65

Response: 50076

Amount: 13

Conc: 13



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 07/20/2011

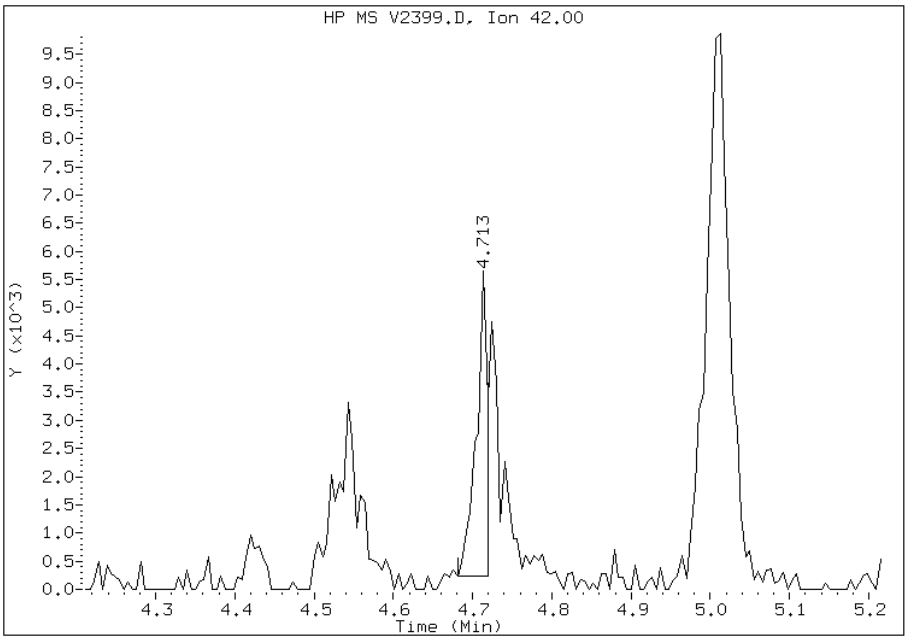
Processing Integration Results

RT: 4.71

Response: 4995

Amount: 78

Conc: 78



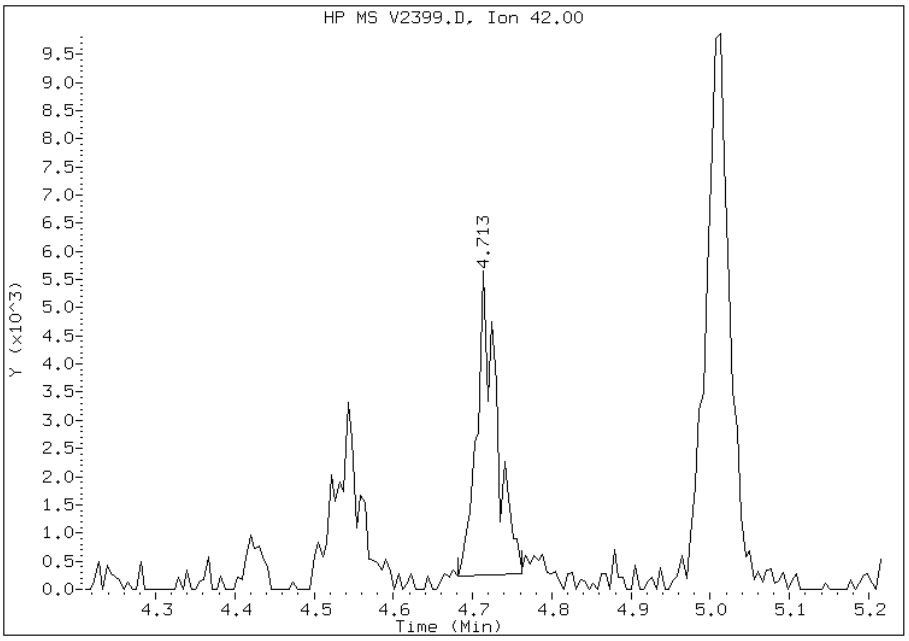
Manual Integration Results

RT: 4.71

Response: 9297

Amount: 146

Conc: 146



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/20/2011

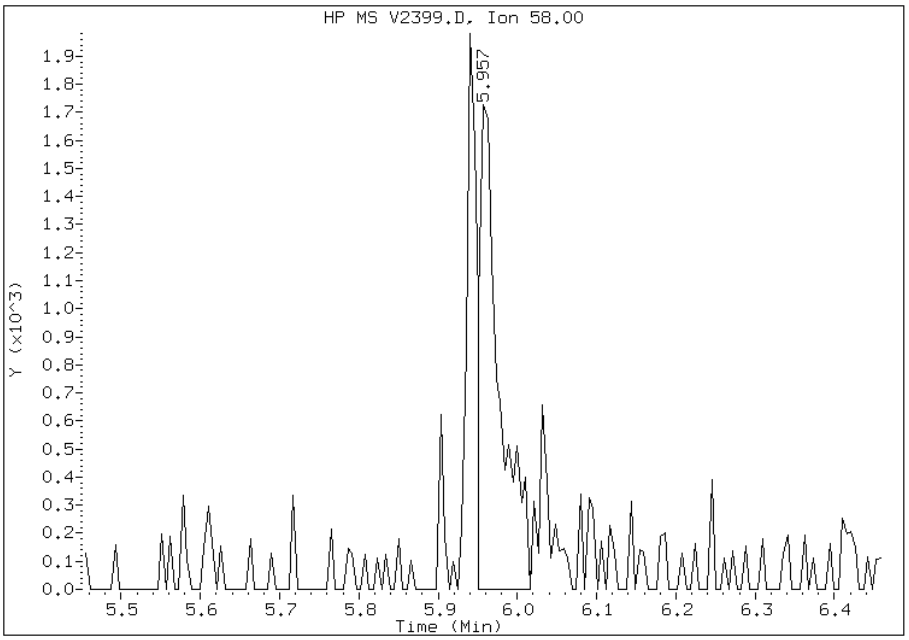
Processing Integration Results

RT: 5.96

Response: 3063

Amount: 112

Conc: 112



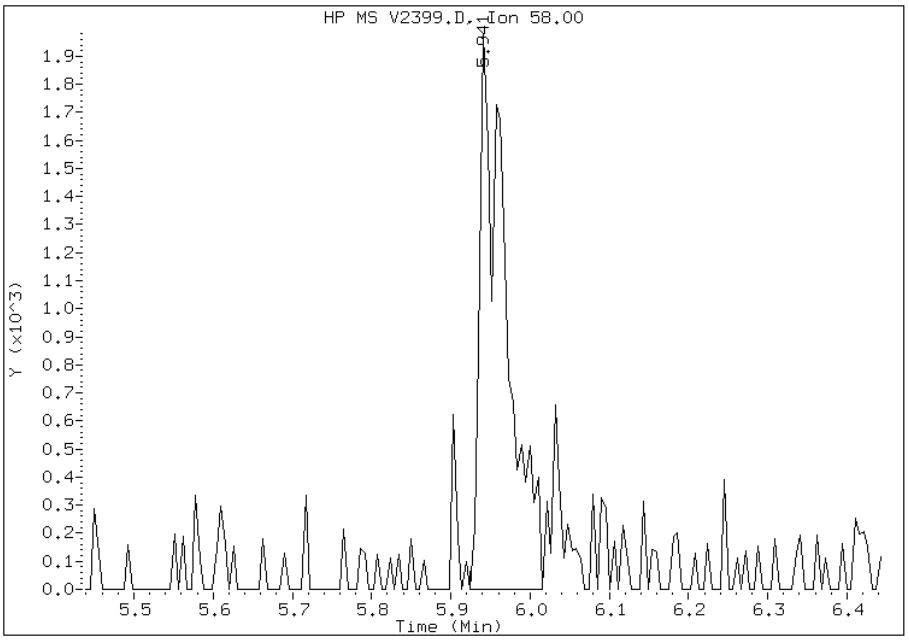
Manual Integration Results

RT: 5.94

Response: 4551

Amount: 173

Conc: 173



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/20/2011

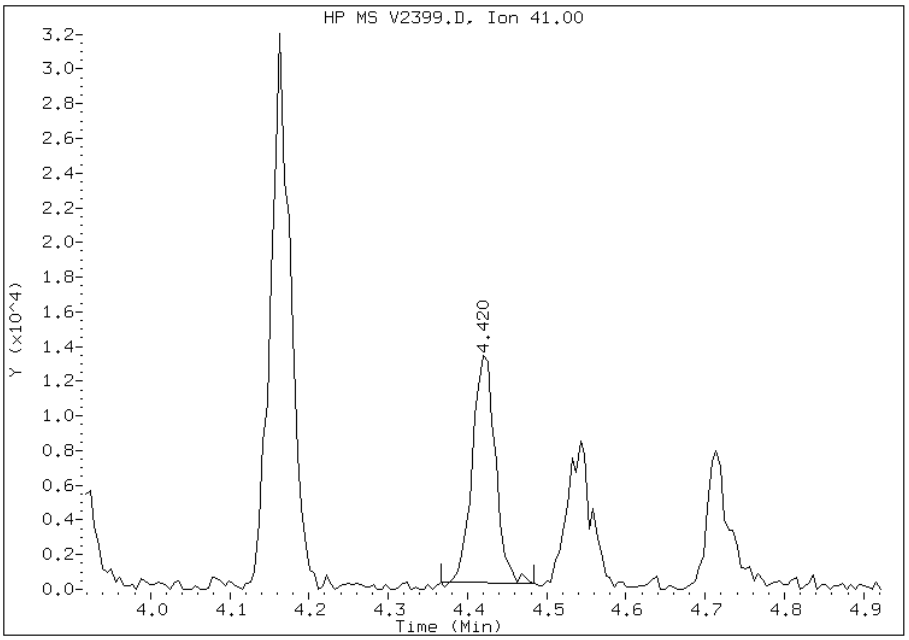
Processing Integration Results

RT: 4.42

Response: 25965

Amount: 16

Conc: 16



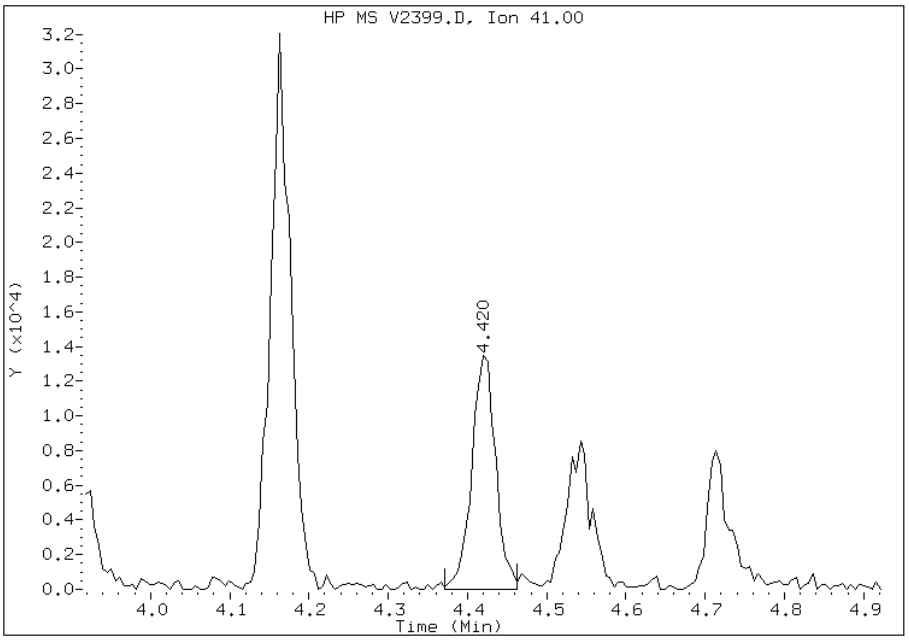
Manual Integration Results

RT: 4.42

Response: 27842

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\NB907.D
Lab Smp Id: BFB-621712 Client Smp ID: BFB-621712
Inj Date : 13-JUL-2011 16:46 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : BFB-621712
Misc Info : : ;;; BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\NBFB8260.m
Meth Date : 16-May-2007 12:04 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

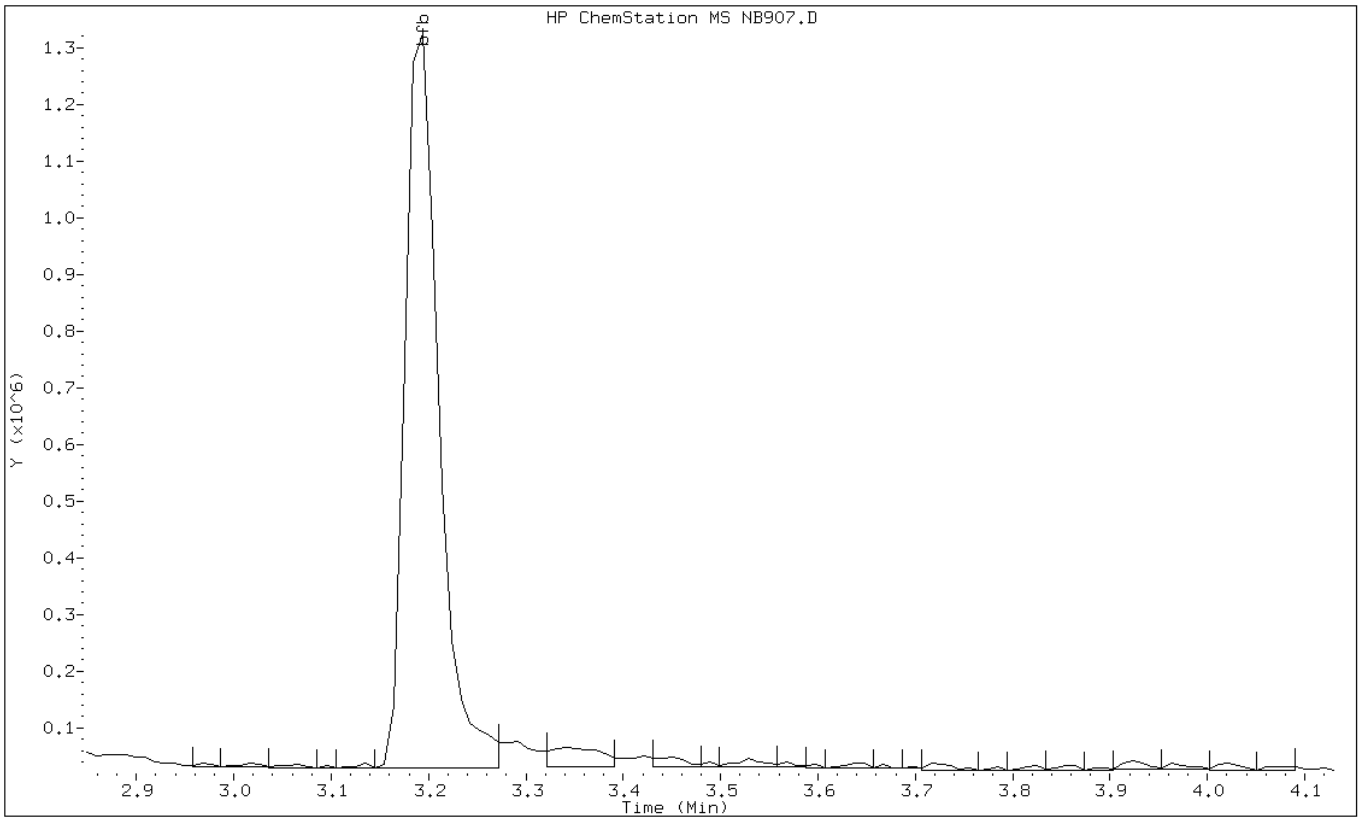
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/Kg)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.193	3.420	(0.000)	95	262272			0.00- 100.00	100.00
3.193	3.420	(0.000)	50	49264			15.00- 40.00	18.78
3.193	3.420	(0.000)	75	101936			30.00- 60.00	38.87
3.193	3.420	(0.000)	96	18008			5.00- 9.00	6.87
3.193	3.420	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
3.193	3.420	(0.000)	174	200000			50.00- 100.00	76.26
3.193	3.420	(0.000)	175	14615			5.00- 9.00	7.31
3.193	3.420	(0.000)	176	193664			95.00- 101.00	96.83
3.193	3.420	(0.000)	177	12763			5.00- 9.00	6.59

Data File: NB907.D

Date: 13-JUL-2011 16:46

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT



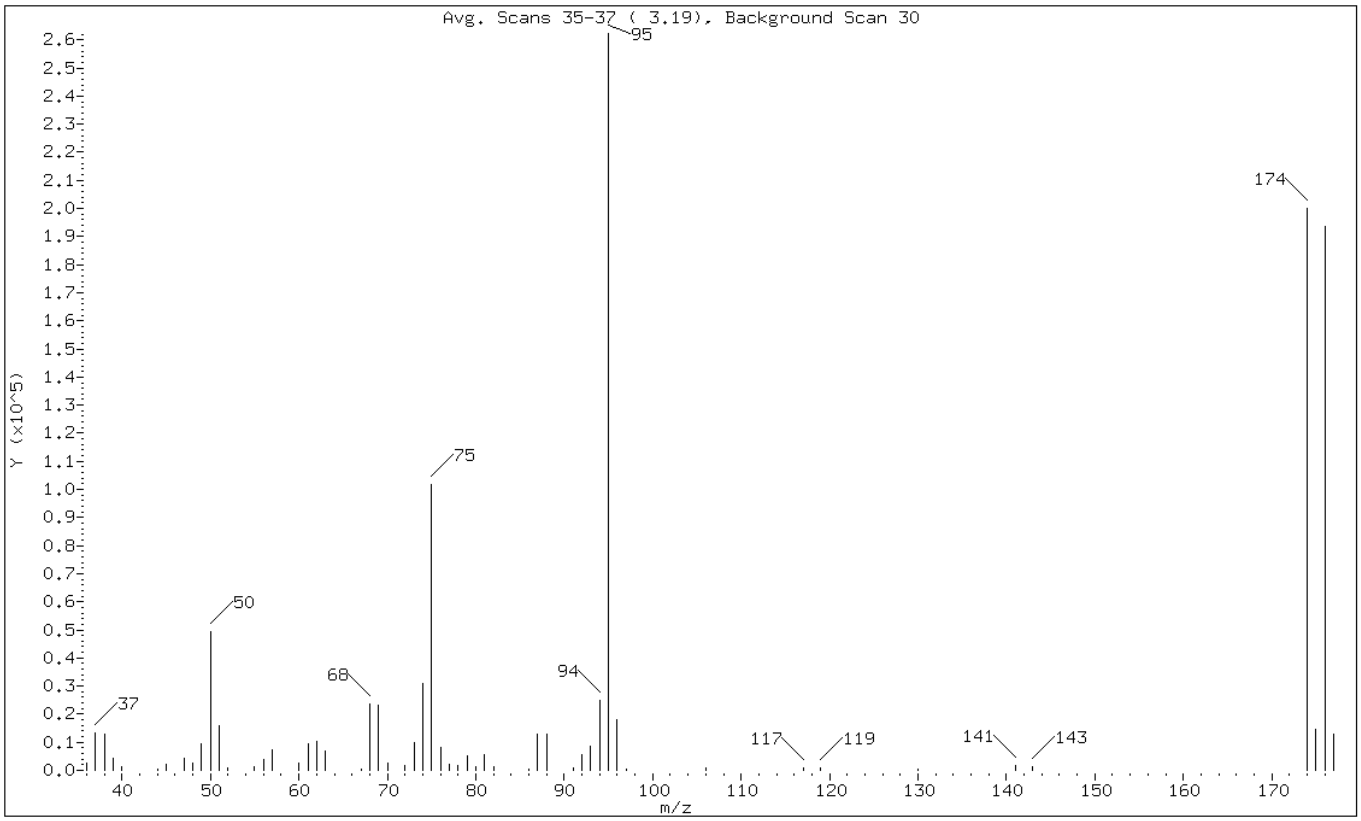
Data File: NB907.D

Date: 13-JUL-2011 16:46

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

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	18.78
75	30.00 - 60.00% of mass 95	38.87
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	76.26
175	5.00 - 9.00% of mass 174	5.57 (7.31)
176	95.00 - 101.00% of mass 174	73.84 (96.83)
177	5.00 - 9.00% of mass 176	4.87 (6.59)

Data File: NB907.D

Date: 13-JUL-2011 16:46

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\msn.i\N113724.b\NB907.D
Spectrum: Avg. Scans 35-37 (3.19), Background Scan 30
Location of Maximum: 95.00
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2485	56.00	4026	76.00	8218	95.00	262272
37.00	13313	57.00	7106	77.00	2023	96.00	18008
38.00	13023	60.00	2606	78.00	1854	97.00	344
39.00	4449	61.00	9501	79.00	5279	106.00	777
40.00	1204	62.00	10141	80.00	1464	117.00	984
44.00	325	63.00	6867	81.00	5593	119.00	773
45.00	2128	67.00	414	82.00	1391	130.00	408
47.00	4454	68.00	23400	86.00	349	141.00	1513
48.00	2779	69.00	23320	87.00	12852	143.00	1363
49.00	9580	70.00	2375	88.00	12865	174.00	200000
50.00	49264	72.00	1505	91.00	1035	175.00	14615
51.00	15896	73.00	9848	92.00	5644	176.00	193664
52.00	921	74.00	30984	93.00	8633	177.00	12763
55.00	1366	75.00	101936	94.00	24968		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\NB913.D
Lab Smp Id: BFB-621712 Client Smp ID: BFB-621712
Inj Date : 19-JUL-2011 09:45 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : BFB-621712
Misc Info : : ;;; BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\NBFB8260.m
Meth Date : 16-May-2007 12:04 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

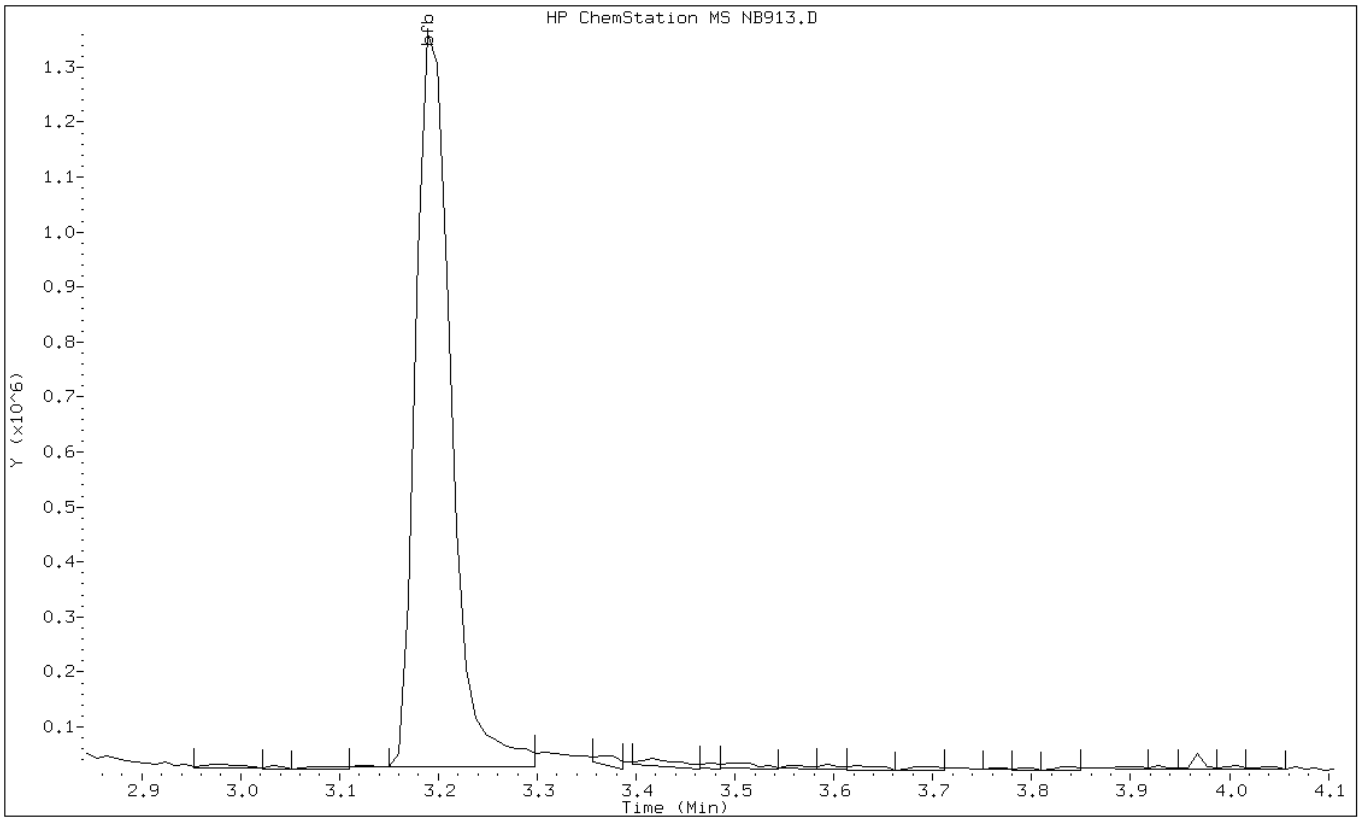
					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/Kg)		
RT	EXP RT	REL RT	MASS	RESPONSE			TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.189	3.420	(0.000)	95	267712			0.00- 100.00	100.00
3.189	3.420	(0.000)	50	55552			15.00- 40.00	20.75
3.189	3.420	(0.000)	75	109040			30.00- 60.00	40.73
3.189	3.420	(0.000)	96	18744			5.00- 9.00	7.00
3.189	3.420	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
3.189	3.420	(0.000)	174	190912			50.00- 100.00	71.31
3.189	3.420	(0.000)	175	14192			5.00- 9.00	7.43
3.189	3.420	(0.000)	176	181696			95.00- 101.00	95.17
3.189	3.420	(0.000)	177	12839			5.00- 9.00	7.07

Data File: NB913.D

Date: 19-JUL-2011 09:45

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT



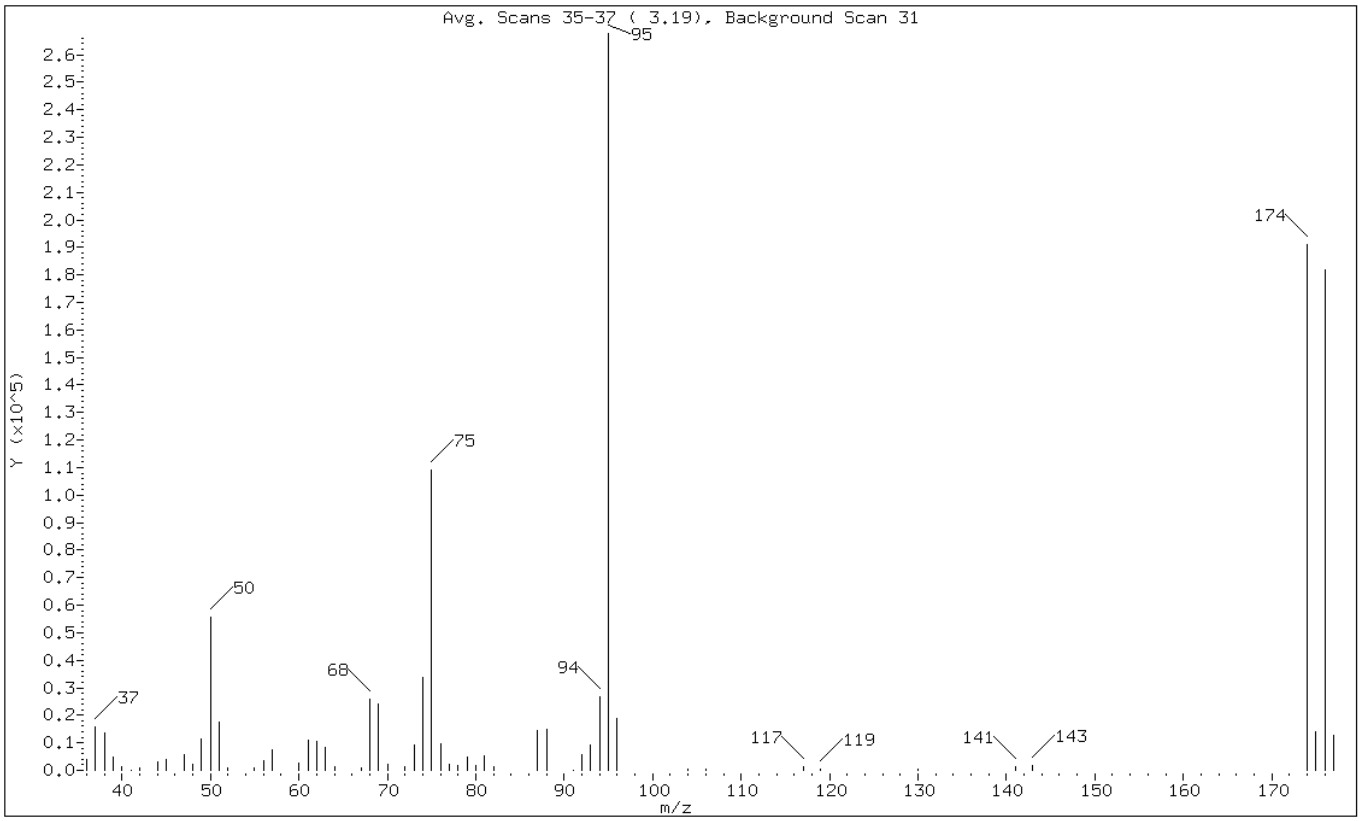
Data File: NB913.D

Date: 19-JUL-2011 09:45

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

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	20.75
75	30.00 - 60.00% of mass 95	40.73
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	71.31
175	5.00 - 9.00% of mass 174	5.30 (7.43)
176	95.00 - 101.00% of mass 174	67.87 (95.17)
177	5.00 - 9.00% of mass 176	4.80 (7.07)

Data File: NB913.D

Date: 19-JUL-2011 09:45

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\msn.i\N113856.b\NB913.D
Spectrum: Avg. Scans 35-37 (3.19), Background Scan 31
Location of Maximum: 95.00
Number of points: 57

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3736	55.00	912	75.00	109040	96.00	18744
37.00	15889	56.00	3710	76.00	9849	104.00	364
38.00	13388	57.00	7266	77.00	2309	106.00	403
39.00	5014	60.00	2634	78.00	1613	117.00	1153
40.00	1234	61.00	11082	79.00	5023	119.00	399
41.00	109	62.00	10481	80.00	1635	130.00	397
42.00	741	63.00	8410	81.00	5394	141.00	1485
44.00	3185	64.00	1159	82.00	1351	143.00	1547
45.00	3744	67.00	710	87.00	14488	174.00	190912
47.00	5550	68.00	25928	88.00	14987	175.00	14192
48.00	2034	69.00	23904	91.00	178	176.00	181696
49.00	11273	70.00	2104	92.00	5641	177.00	12839
50.00	55552	72.00	1397	93.00	9035		
51.00	17432	73.00	9004	94.00	26776		
52.00	776	74.00	33736	95.00	267712		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\OB028.D
Lab Smp Id: BFB-632797 Client Smp ID: BFB-632797
Inj Date : 23-JUN-2011 10:41 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : BFB-632797
Misc Info : ;;; 50ng 4-BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\OBFB8260.m
Meth Date : 29-Nov-2010 10:00 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

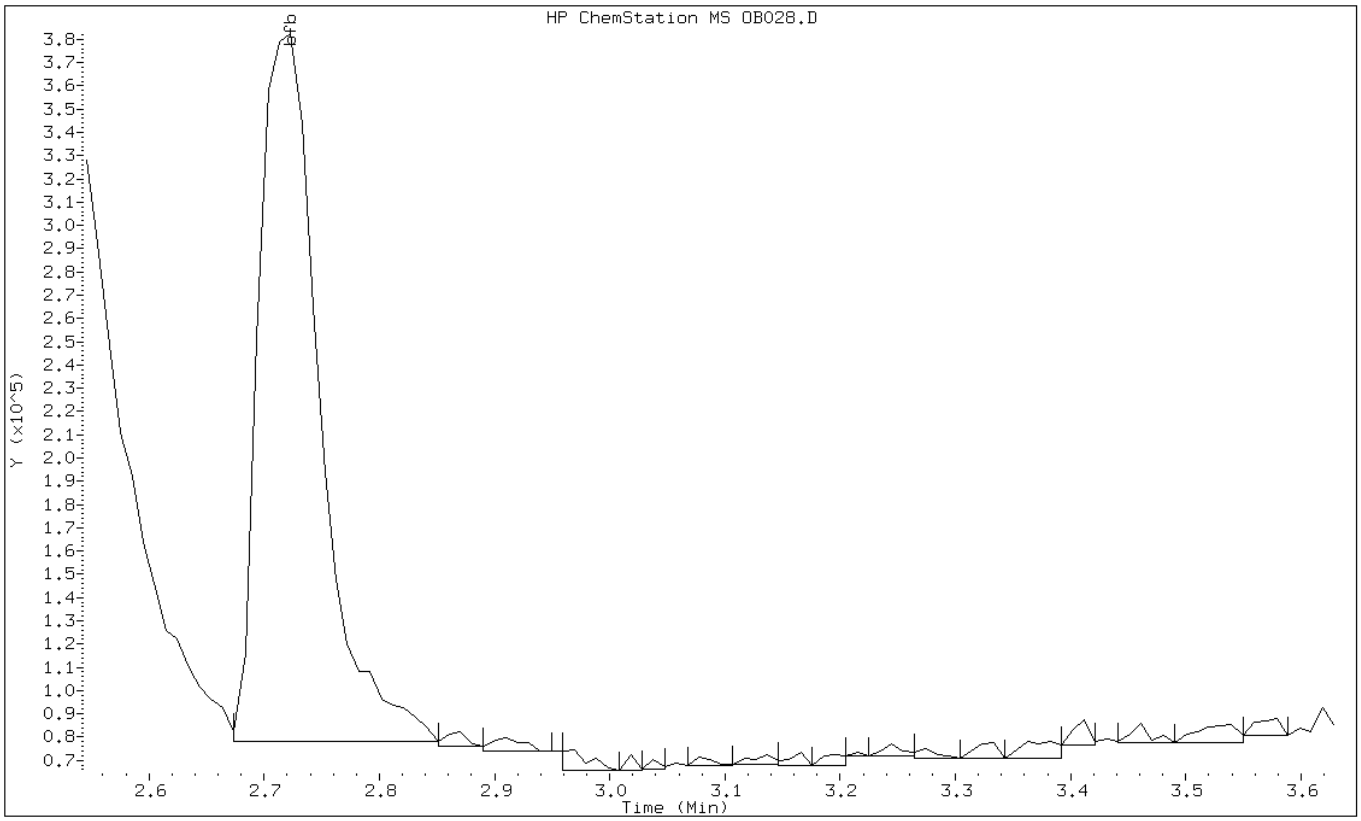
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.723	2.750	(0.000)	95	64992			0.00- 100.00	100.00
2.723	2.750	(0.000)	50	13369			15.00- 40.00	20.57
2.723	2.750	(0.000)	75	29600			30.00- 60.00	45.54
2.723	2.750	(0.000)	96	4718			5.00- 9.00	7.26
2.723	2.750	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.723	2.750	(0.000)	174	45496			50.00- 100.00	70.00
2.723	2.750	(0.000)	175	3134			5.00- 9.00	6.89
2.723	2.750	(0.000)	176	45040			95.00- 101.00	99.00
2.723	2.750	(0.000)	177	3063			5.00- 9.00	6.80

Data File: OB028.D

Date: 23-JUN-2011 10:41

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT



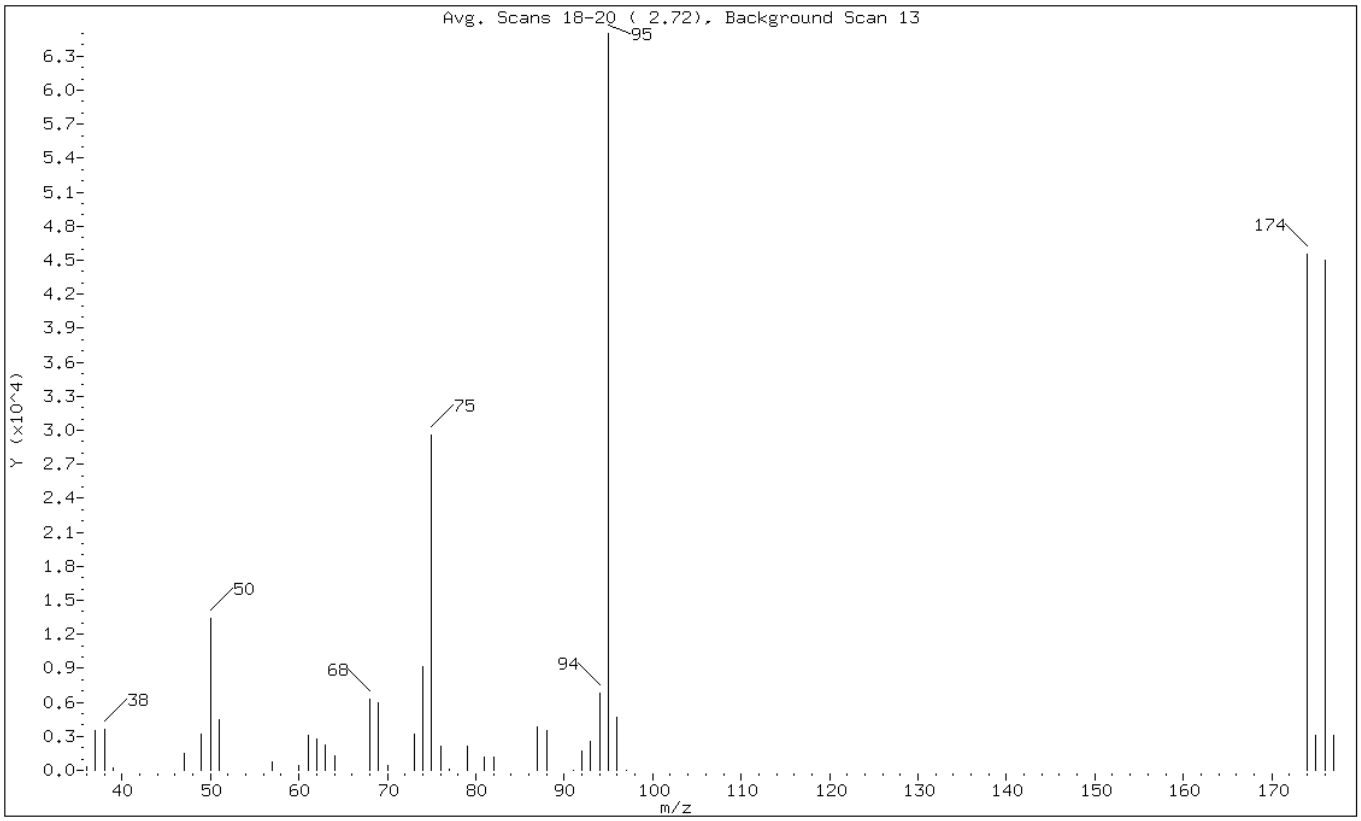
Data File: OB028.D

Date: 23-JUN-2011 10:41

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

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	20.57
75	30.00 - 60.00% of mass 95	45.54
96	5.00 - 9.00% of mass 95	7.26
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	70.00
175	5.00 - 9.00% of mass 174	4.82 (6.89)
176	95.00 - 101.00% of mass 174	69.30 (99.00)
177	5.00 - 9.00% of mass 176	4.71 (6.80)

Data File: OB028.D

Date: 23-JUN-2011 10:41

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\mso.i\O114508.b\OB028.D
Spectrum: Avg. Scans 18-20 (2.72), Background Scan 13
Location of Maximum: 95.00
Number of points: 38

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	348	61.00	3043	76.00	2141	94.00	6812
37.00	3562	62.00	2729	77.00	147	95.00	64992
38.00	3647	63.00	2188	79.00	2141	96.00	4718
39.00	265	64.00	1226	81.00	1123	97.00	36
47.00	1480	68.00	6230	82.00	1220	174.00	45496
49.00	3161	69.00	5957	87.00	3863	175.00	3134
50.00	13369	70.00	388	88.00	3550	176.00	45040
51.00	4506	73.00	3138	91.00	36	177.00	3063
57.00	734	74.00	9107	92.00	1677		
60.00	444	75.00	29600	93.00	2573		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\OB047.D
Lab Smp Id: BFB-632797 Client Smp ID: BFB-632797
Inj Date : 20-JUL-2011 09:49 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : BFB-632797
Misc Info : ;;; 50ng 4-BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\OBFB8260.m
Meth Date : 29-Nov-2010 10:00 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

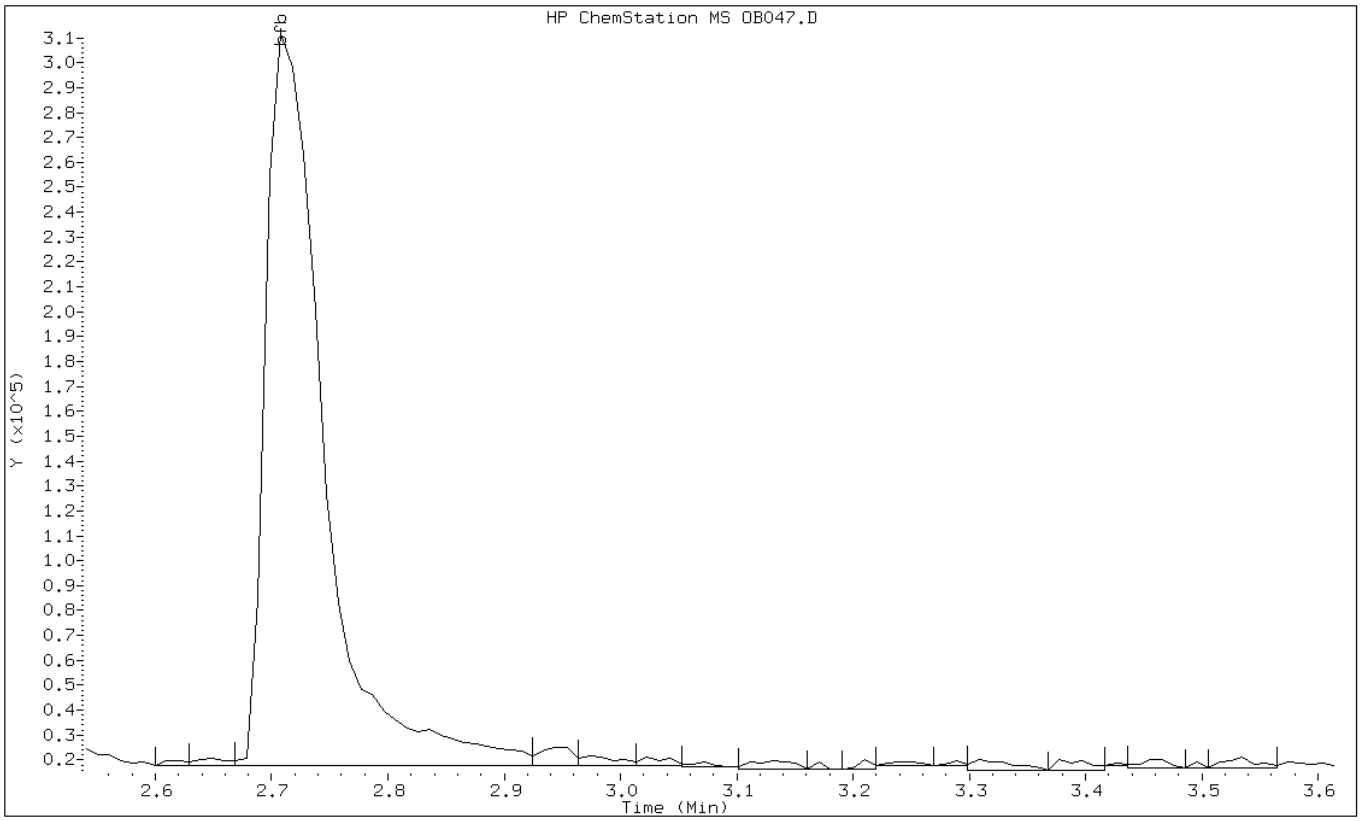
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.708	2.750	(0.000)	95	59816			0.00- 100.00	100.00
2.708	2.750	(0.000)	50	14127			15.00- 40.00	23.62
2.708	2.750	(0.000)	75	29712			30.00- 60.00	49.67
2.708	2.750	(0.000)	96	4021			5.00- 9.00	6.72
2.708	2.750	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.708	2.750	(0.000)	174	38416			50.00- 100.00	64.22
2.708	2.750	(0.000)	175	2966			5.00- 9.00	7.72
2.708	2.750	(0.000)	176	36648			95.00- 101.00	95.40
2.708	2.750	(0.000)	177	2247			5.00- 9.00	6.13

Data File: OB047.D

Date: 20-JUL-2011 09:49

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT



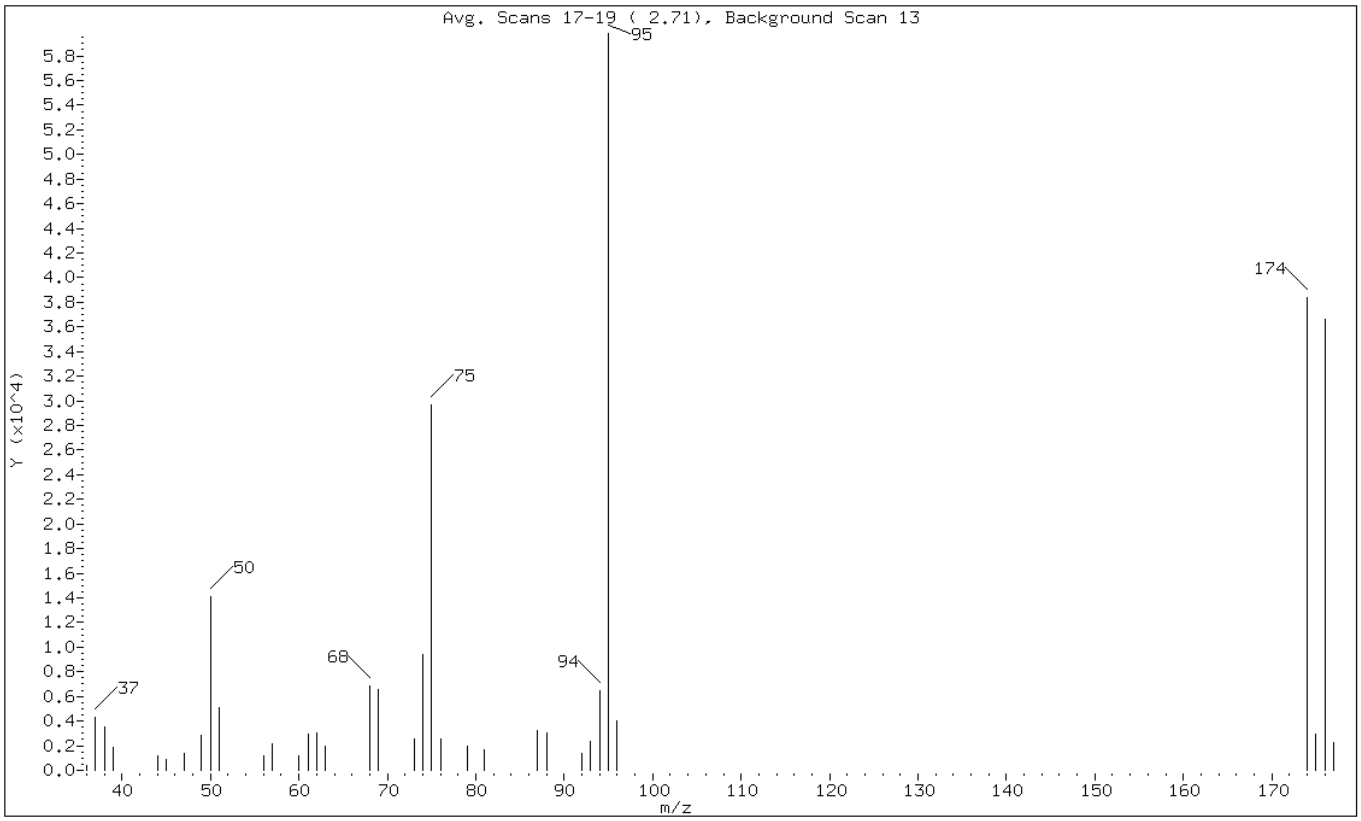
Data File: OB047.D

Date: 20-JUL-2011 09:49

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

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	23.62
75	30.00 - 60.00% of mass 95	49.67
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	64.22
175	5.00 - 9.00% of mass 174	4.96 (7.72)
176	95.00 - 101.00% of mass 174	61.27 (95.40)
177	5.00 - 9.00% of mass 176	3.76 (6.13)

Data File: OB047.D

Date: 20-JUL-2011 09:49

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\mso.i\O114949.b\OB047.D
Spectrum: Avg. Scans 17-19 (2.71), Background Scan 13
Location of Maximum: 95.00
Number of points: 35

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	364	51.00	5062	73.00	2562	93.00	2341
37.00	4287	56.00	1215	74.00	9416	94.00	6501
38.00	3539	57.00	2154	75.00	29712	95.00	59816
39.00	1878	60.00	1180	76.00	2508	96.00	4021
44.00	1196	61.00	2956	79.00	1935	174.00	38416
45.00	889	62.00	3073	81.00	1698	175.00	2966
47.00	1324	63.00	1996	87.00	3215	176.00	36648
49.00	2816	68.00	6842	88.00	3009	177.00	2247
50.00	14127	69.00	6601	92.00	1403		

TestAmerica Inc

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\VB561.D
Lab Smp Id: BFB-639321 Client Smp ID: BFB-639321
Inj Date : 13-JUL-2011 14:11 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB-639321
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\VBFB8260.m
Meth Date : 16-Jun-2009 08:21 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: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

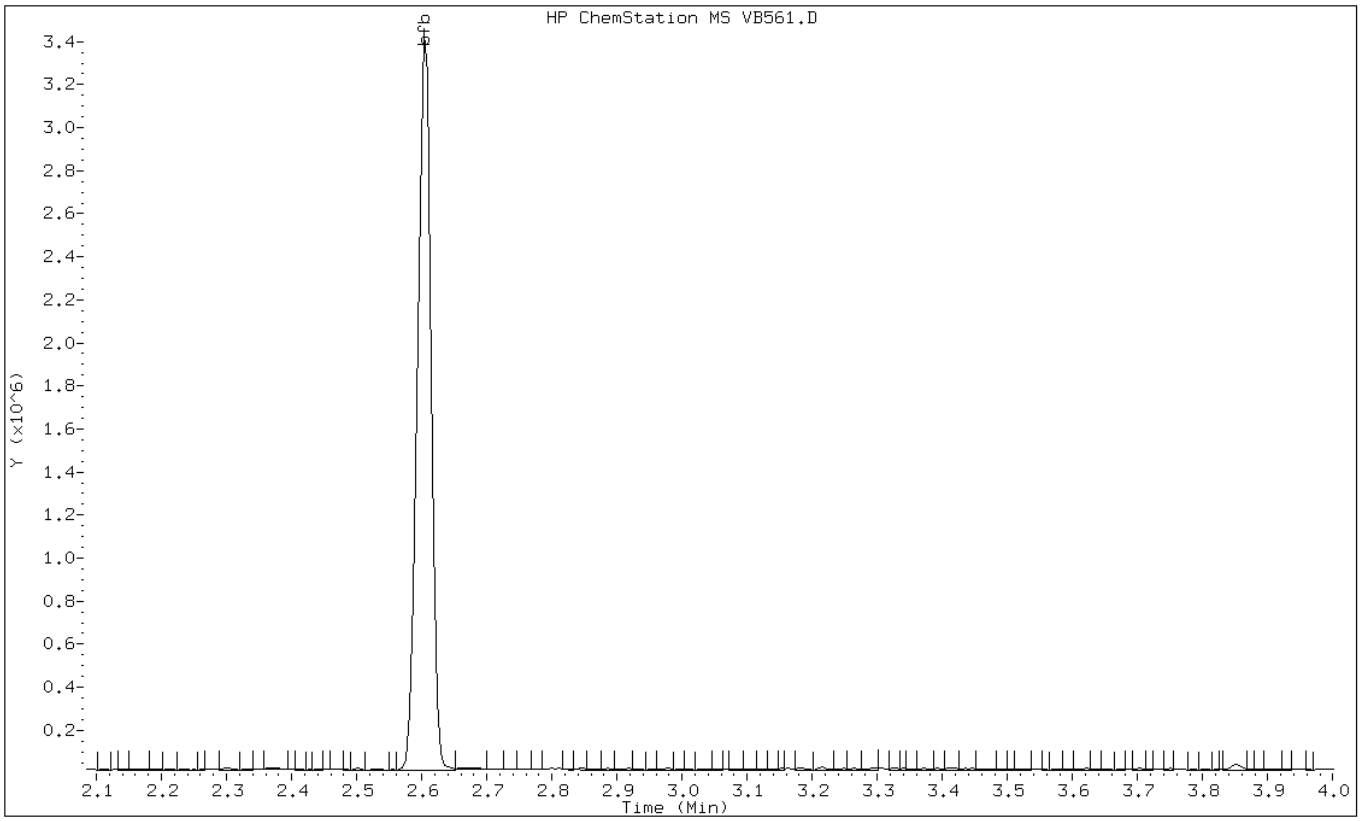
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.602	2.523	(0.000)	95	636864			0.00- 100.00	100.00
2.602	2.523	(0.000)	50	99104			15.00- 40.00	15.56
2.602	2.523	(0.000)	75	312704			30.00- 60.00	49.10
2.602	2.523	(0.000)	96	41408			5.00- 9.00	6.50
2.602	2.523	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.602	2.523	(0.000)	174	580864			50.00- 100.00	91.21
2.602	2.523	(0.000)	175	47680			5.00- 9.00	8.21
2.602	2.523	(0.000)	176	557696			95.00- 101.00	96.01
2.602	2.523	(0.000)	177	36104			5.00- 9.00	6.47

Data File: VB561.D

Date: 13-JUL-2011 14:11

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA



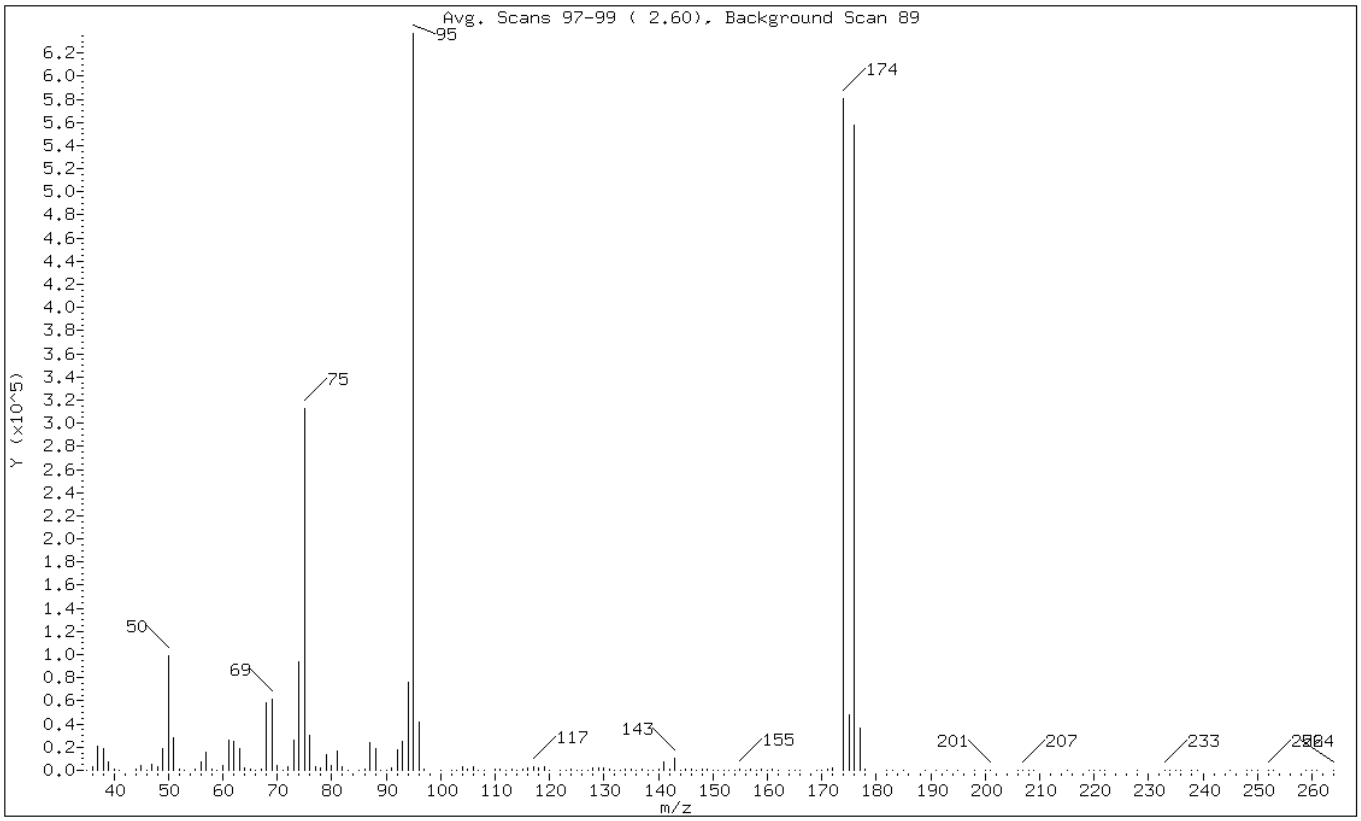
Data File: VB561.D

Date: 13-JUL-2011 14:11

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

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	15.56
75	30.00 - 60.00% of mass 95	49.10
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	91.21
175	5.00 - 9.00% of mass 174	7.49 (8.21)
176	95.00 - 101.00% of mass 174	87.57 (96.01)
177	5.00 - 9.00% of mass 176	5.67 (6.47)

Data File: VB561.D

Date: 13-JUL-2011 14:11

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\Chem\VOA\msv.i\V112191.b\VB561.D
Spectrum: Avg. Scans 97-99 (2.60), Background Scan 89
Location of Maximum: 95.00
Number of points: 167

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	259	80.00	4506	128.00	2034	174.00	580864
36.00	3349	81.00	17024	129.00	1651	175.00	47680
37.00	21152	82.00	2737	130.00	2168	176.00	557696
38.00	18432	83.00	340	131.00	1526	177.00	36104
39.00	7235	85.00	263	132.00	94	178.00	983
40.00	930	86.00	572	133.00	50	182.00	110
41.00	338	87.00	23872	134.00	550	183.00	94
44.00	819	88.00	19000	135.00	1195	185.00	45
45.00	4481	89.00	45	136.00	216	189.00	54
46.00	243	90.00	53	137.00	1336	191.00	74
47.00	5445	91.00	2407	138.00	128	193.00	50
48.00	2820	92.00	17872	139.00	370	195.00	35
49.00	19256	93.00	25352	140.00	776	198.00	85
50.00	99104	94.00	76584	141.00	7647	200.00	39
51.00	28648	95.00	636864	142.00	603	201.00	104
52.00	1016	96.00	41408	143.00	9997	206.00	52
53.00	229	97.00	1104	144.00	86	207.00	235
55.00	909	100.00	46	145.00	1284	208.00	111
56.00	7078	102.00	3	146.00	1217	209.00	72
57.00	15581	103.00	100	147.00	517	215.00	86
58.00	634	104.00	3179	148.00	1247	219.00	169
59.00	40	105.00	654	149.00	695	220.00	52
60.00	4292	106.00	2682	150.00	480	221.00	64
61.00	26096	107.00	368	151.00	137	222.00	97
62.00	25448	108.00	68	152.00	395	228.00	47
63.00	18568	110.00	542	153.00	347	233.00	293
64.00	1874	111.00	868	154.00	134	234.00	67
65.00	1172	112.00	183	155.00	1334	235.00	33
66.00	288	113.00	631	156.00	14	236.00	123
67.00	1555	114.00	167	157.00	1334	238.00	33
68.00	58664	115.00	754	158.00	287	239.00	48
69.00	61944	116.00	2353	159.00	656	245.00	42
70.00	3907	117.00	3560	160.00	445	248.00	55
71.00	393	118.00	2072	161.00	880	249.00	53
72.00	3332	119.00	3452	162.00	84	250.00	45
73.00	26048	120.00	93	164.00	132	252.00	108
74.00	93968	122.00	171	165.00	127	253.00	83
75.00	312704	123.00	161	166.00	160	259.00	49
76.00	30216	124.00	616	169.00	469	260.00	93
77.00	3200	125.00	152	170.00	461	261.00	102

78.00	2290	126.00	191	171.00	1037	264.00	93
79.00	14014	127.00	6	172.00	1886		

TestAmerica Inc

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\VB570.D
Lab Smp Id: BFB-639321 Client Smp ID: BFB-639321
Inj Date : 20-JUL-2011 09:35 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB-639321
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\VBFB8260.m
Meth Date : 16-Jun-2009 08:21 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 11 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

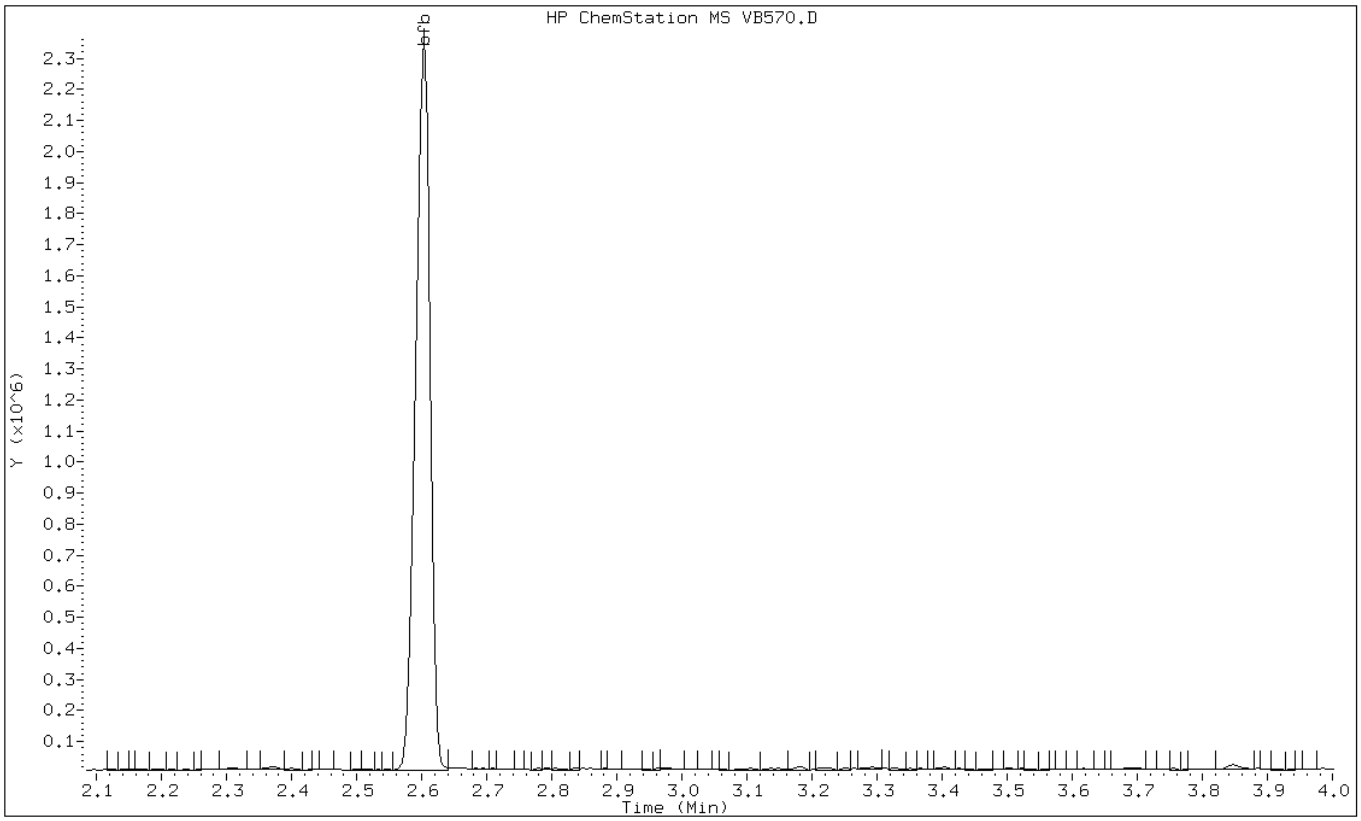
					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.602	2.523	(0.000)	95	216429			0.00- 100.00	100.00
2.602	2.523	(0.000)	50	36344			15.00- 40.00	16.79
2.602	2.523	(0.000)	75	117482			30.00- 60.00	54.28
2.602	2.523	(0.000)	96	14185			5.00- 9.00	6.55
2.602	2.523	(0.000)	173	452			0.00- 2.00	0.21
2.602	2.523	(0.000)	174	211977			50.00- 100.00	97.94
2.602	2.523	(0.000)	175	18659			5.00- 9.00	8.80
2.602	2.523	(0.000)	176	211598			95.00- 101.00	99.82
2.602	2.523	(0.000)	177	14149			5.00- 9.00	6.69

Data File: VB570.D

Date: 20-JUL-2011 09:35

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA



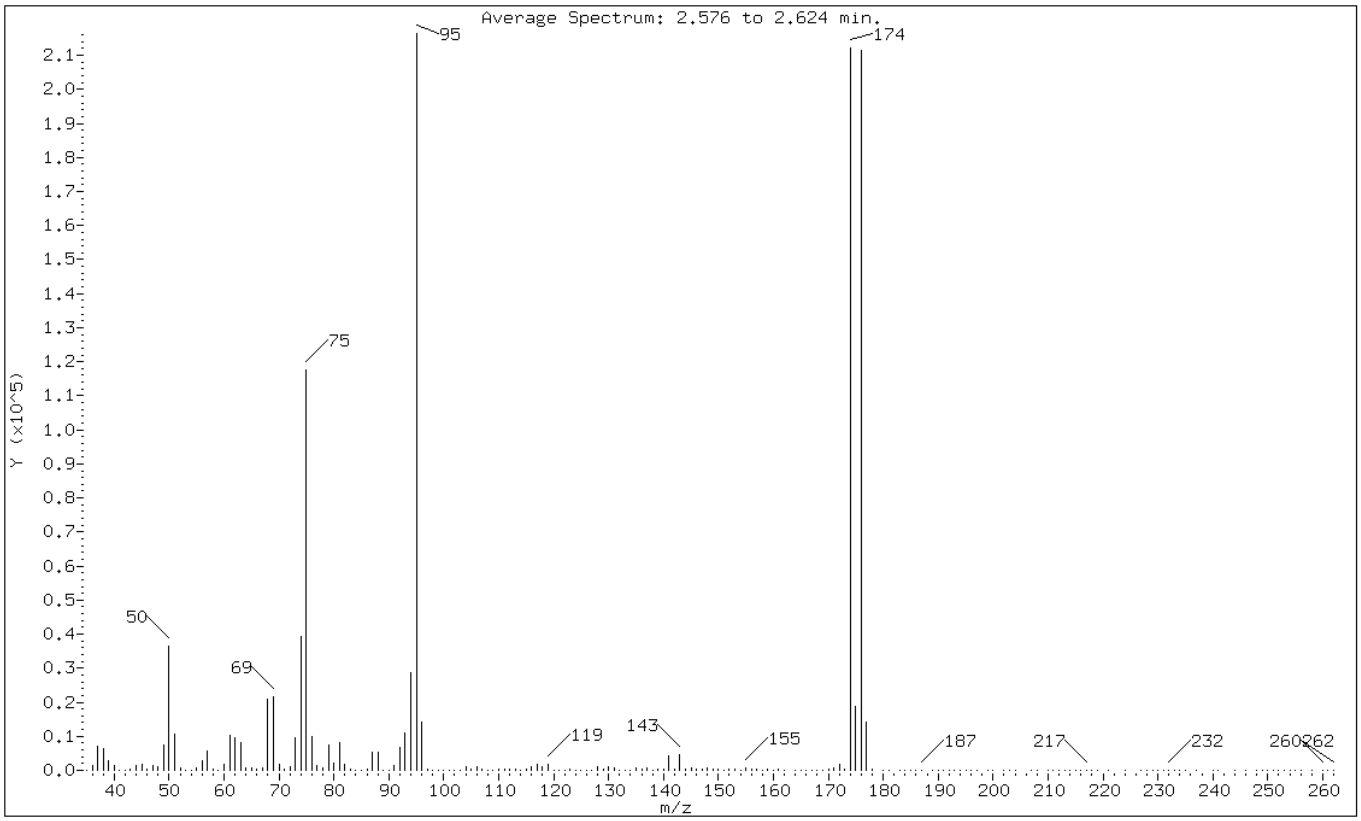
Data File: VB570.D

Date: 20-JUL-2011 09:35

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

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	16.79
75	30.00 - 60.00% of mass 95	54.28
96	5.00 - 9.00% of mass 95	6.55
173	Less than 2.00% of mass 174	0.21 (0.21)
174	50.00 - 100.00% of mass 95	97.94
175	5.00 - 9.00% of mass 174	8.62 (8.80)
176	95.00 - 101.00% of mass 174	97.77 (99.82)
177	5.00 - 9.00% of mass 176	6.54 (6.69)

Data File: VB570.D

Date: 20-JUL-2011 09:35

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\Chem\VOA\msv.i\V112399.b\VB570.D
Spectrum: Average Spectrum: 2.576 to 2.624 min.
Location of Maximum: 95.00
Number of points: 205

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	26	87.00	5311	139.00	255	195.00	50
36.00	1335	88.00	5277	140.00	330	196.00	30
37.00	7171	89.00	132	141.00	4081	197.00	53
38.00	6522	90.00	150	142.00	476	199.00	30
39.00	2918	91.00	1286	143.00	4449	200.00	14
40.00	1403	92.00	6757	144.00	212	202.00	45
41.00	165	93.00	10863	145.00	784	203.00	24
42.00	127	94.00	28688	146.00	496	204.00	53
43.00	324	95.00	216384	147.00	276	207.00	18
44.00	1470	96.00	14185	148.00	789	208.00	10
45.00	1785	97.00	356	149.00	370	210.00	14
46.00	251	98.00	27	150.00	246	211.00	59
47.00	1353	99.00	17	151.00	39	212.00	32
48.00	1147	100.00	17	152.00	225	213.00	43
49.00	7557	101.00	59	153.00	193	214.00	14
50.00	36344	102.00	46	154.00	159	215.00	54
51.00	10713	103.00	142	155.00	718	216.00	38
52.00	565	104.00	1165	156.00	216	217.00	62
53.00	110	105.00	441	157.00	528	218.00	60
54.00	133	106.00	1198	158.00	72	219.00	23
55.00	619	107.00	343	159.00	514	221.00	28
56.00	2863	108.00	35	160.00	49	224.00	52
57.00	5617	109.00	26	161.00	347	227.00	11
58.00	315	110.00	254	162.00	68	228.00	15
59.00	92	111.00	363	164.00	106	229.00	27
60.00	1850	112.00	287	165.00	25	230.00	21
61.00	10279	113.00	358	166.00	14	231.00	34
62.00	9583	114.00	51	167.00	94	232.00	59
63.00	8081	115.00	341	168.00	107	233.00	29
64.00	836	116.00	961	169.00	161	234.00	19
65.00	634	117.00	1679	170.00	238	235.00	11
66.00	221	118.00	1122	171.00	612	237.00	25
67.00	744	119.00	1743	172.00	1847	240.00	10
68.00	20720	120.00	79	173.00	452	241.00	13
69.00	21656	121.00	42	174.00	211968	244.00	14
70.00	1720	122.00	118	175.00	18656	246.00	17
71.00	243	123.00	187	176.00	211584	248.00	53
72.00	1065	124.00	175	177.00	14149	249.00	14
73.00	9616	125.00	138	178.00	444	250.00	17
74.00	39160	126.00	115	180.00	44	251.00	25

75.00	117480	127.00	118	181.00	34	252.00	26
76.00	9799	128.00	1140	183.00	16	253.00	41
77.00	1274	129.00	493	184.00	73	254.00	62
78.00	717	130.00	1132	185.00	43	255.00	10
79.00	7555	131.00	549	186.00	38	256.00	52
80.00	2264	132.00	95	187.00	108	258.00	54
81.00	8104	133.00	32	189.00	11	260.00	64
82.00	1596	134.00	150	190.00	49	261.00	17
83.00	312	135.00	690	191.00	73	262.00	25
84.00	14	136.00	227	192.00	10		
85.00	149	137.00	682	193.00	40		
86.00	198	138.00	29	194.00	37		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53087/3

Matrix: Solid | Lab File ID: N3859.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 12:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.41
67-64-1	Acetone	2.43	J	20	2.2
75-00-3	Chloroethane	5.0	U	5.0	0.98
67-66-3	Chloroform	5.0	U	5.0	0.34
74-87-3	Chloromethane	5.0	U	5.0	0.78
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.30
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
78-93-3	Methyl Ethyl Ketone	10	U	10	1.6
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.58
71-43-2	Benzene	5.0	U	5.0	0.57
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.58
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.67
75-27-4	Bromodichloromethane	5.0	U	5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.27
75-09-2	Methylene Chloride	4.65	J	20	1.1
108-10-1	methyl isobutyl ketone	5.0	U	5.0	0.55
124-48-1	Dibromochloromethane	5.0	U	5.0	0.35
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
591-78-6	2-Hexanone	10	U	10	1.2
108-88-3	Toluene	5.0	U	5.0	0.074
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.53
108-90-7	Chlorobenzene	5.0	U	5.0	0.59
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.37
100-41-4	Ethylbenzene	5.0	U	5.0	0.70
100-42-5	Styrene	5.0	U	5.0	0.15
79-01-6	Trichloroethene	5.0	U	5.0	0.81
75-25-2	Bromoform	5.0	U	5.0	0.61
75-01-4	Vinyl chloride	5.0	U	5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.52
1330-20-7	Xylenes, Total	5.0	U	5.0	0.49
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.37
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53087/3

Matrix: Solid Lab File ID: N3859.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 12:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	83		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		59-132
2037-26-5	Toluene-d8 (Surr)	93		50-118
460-00-4	4-Bromofluorobenzene	101		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3859.D
Lab Smp Id: MB-621707 Client Smp ID: MB-621707
Inj Date : 19-JUL-2011 12:08 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : MB-621707
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 19 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

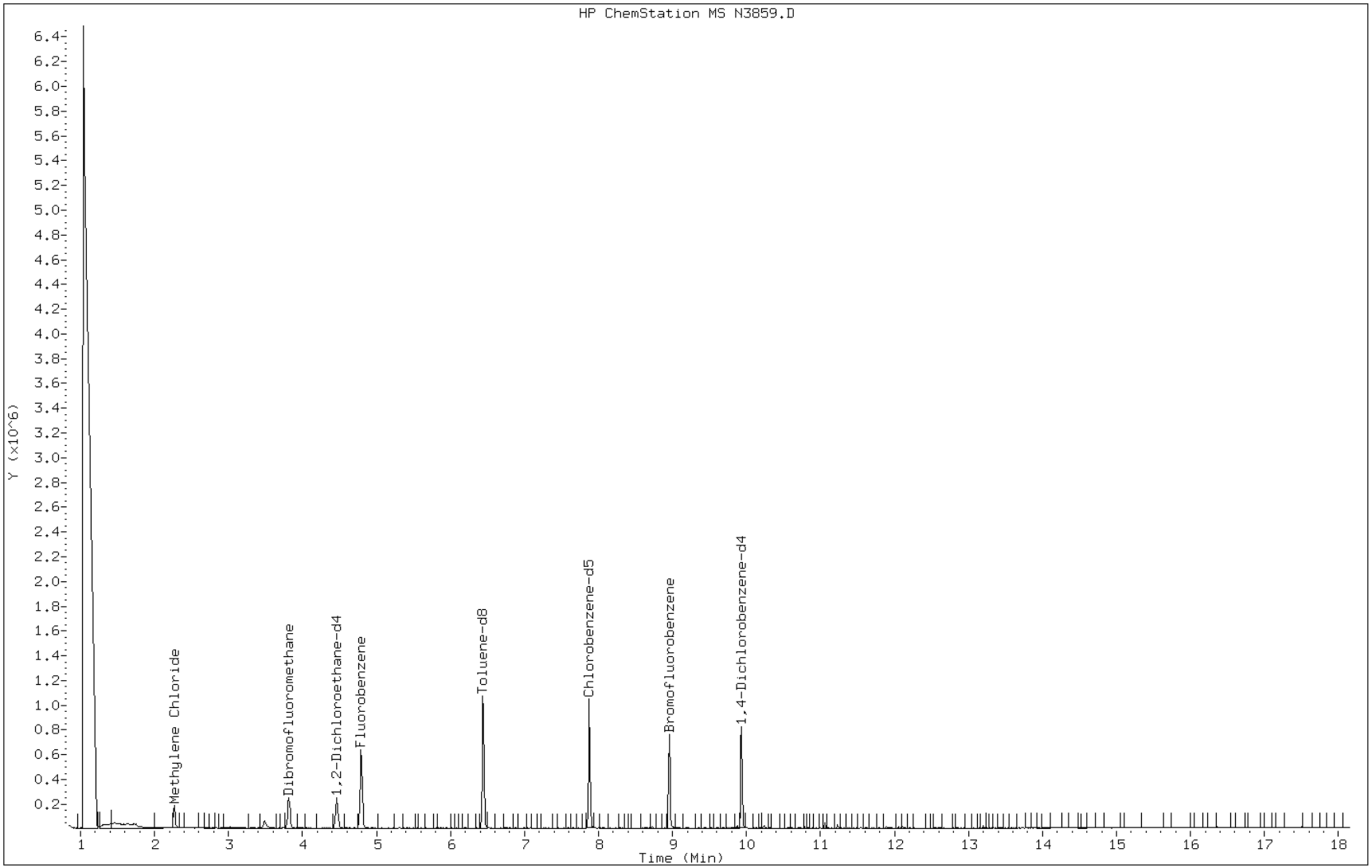
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	658285	25.0000	
	20 Methylene Chloride	84	2.268	2.266	(0.474)	58242	4.65424	5
	21 Acetone	43	2.288	2.296	(0.478)	16410	2.42813	2
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	203769	20.8746	21
$	55 1,2-Dichloroethane-d4	65	4.465	4.463	(0.932)	186927	21.7366	22
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	522036	25.0000	
$	77 Toluene-d8	98	6.436	6.443	(0.817)	696821	23.1885	23
*	95 1,4-Dichlorobenzene-d4	152	9.933	9.931	(1.000)	198788	25.0000	
$	125 Bromofluorobenzene	95	8.958	8.956	(0.902)	249217	25.1777	25

Data File: N3859.D

Date: 19-JUL-2011 12:08

Client ID: MB-621707 Instrument: msn.i

Sample Info: MB-621707 Operator: D. HUMBERT



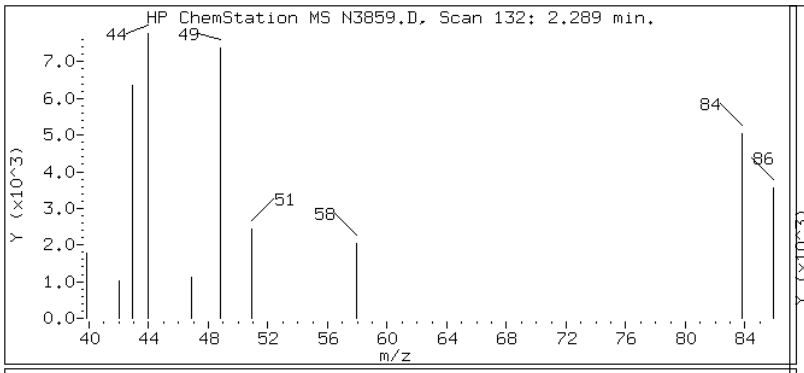
Data File: N3859.D

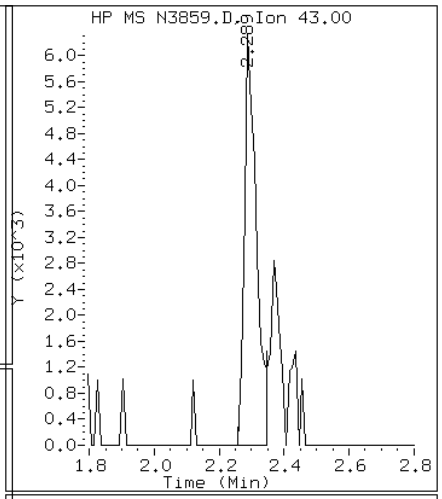
Date: 19-JUL-2011 12:08

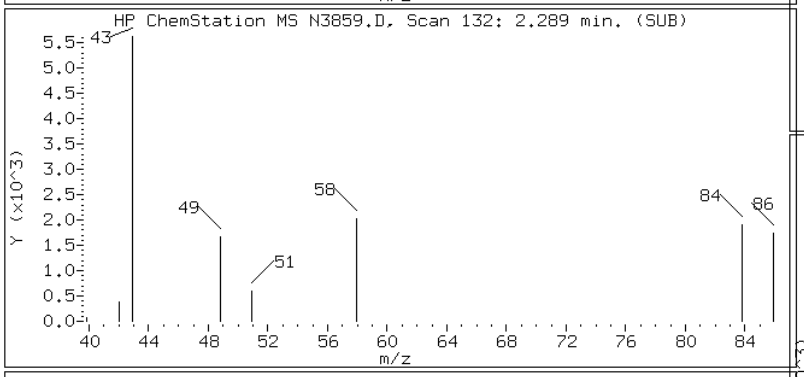
Client ID: MB-621707 Instrument: msn.i

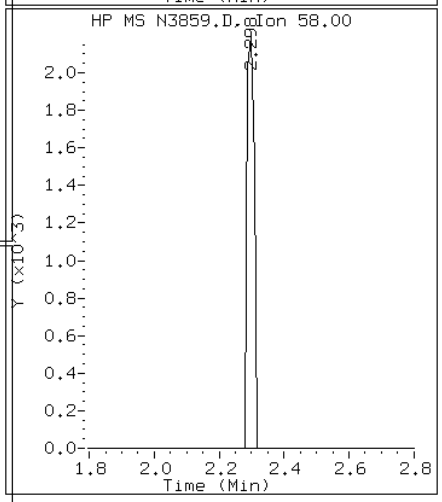
Sample Info: MB-621707 Operator: D. HUMBERT

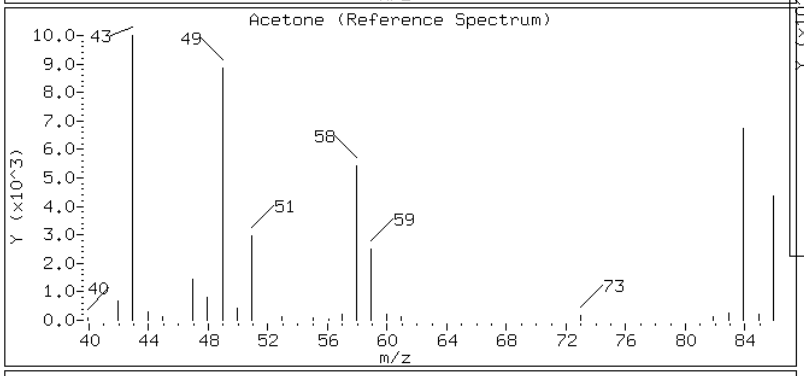
21 Acetone

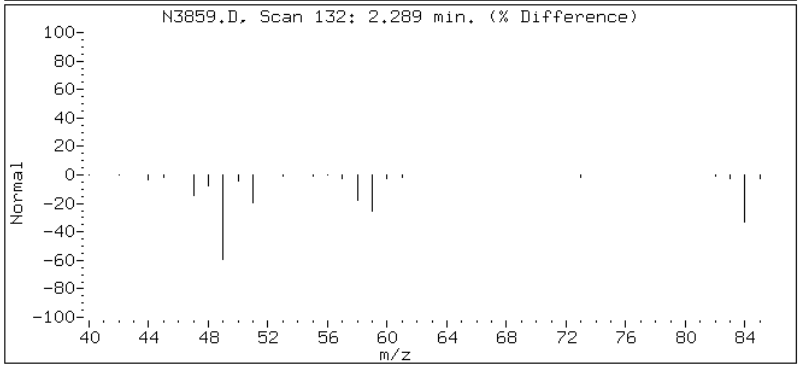












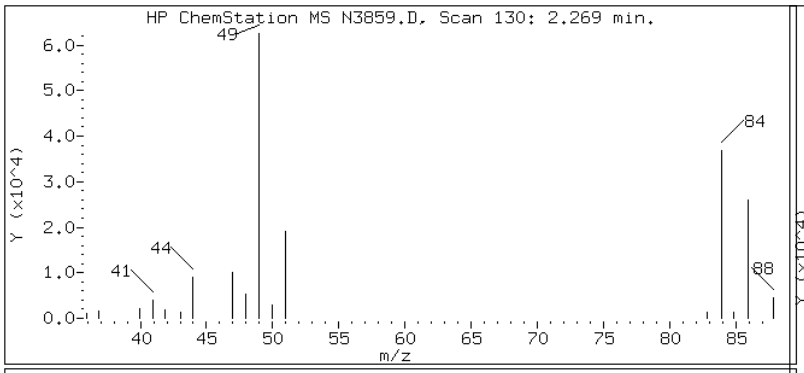
Data File: N3859.D

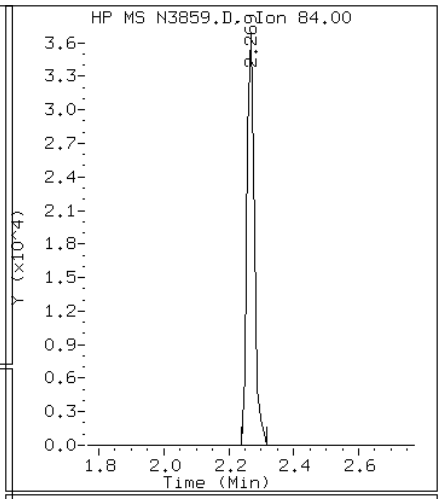
Date: 19-JUL-2011 12:08

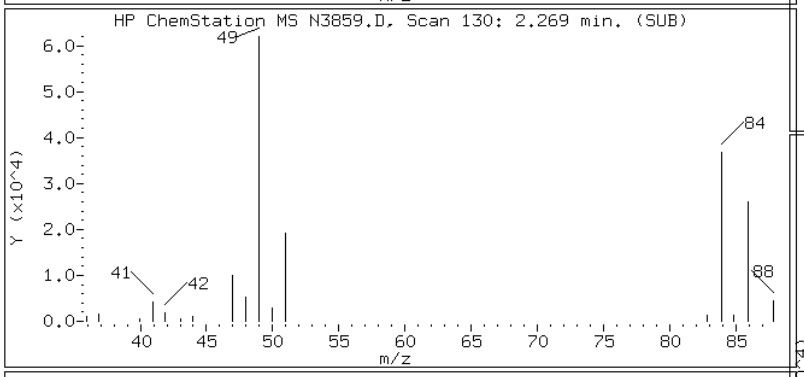
Client ID: MB-621707 Instrument: msn.i

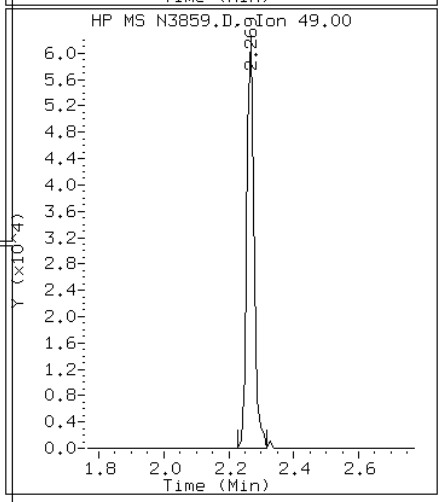
Sample Info: MB-621707 Operator: D. HUMBERT

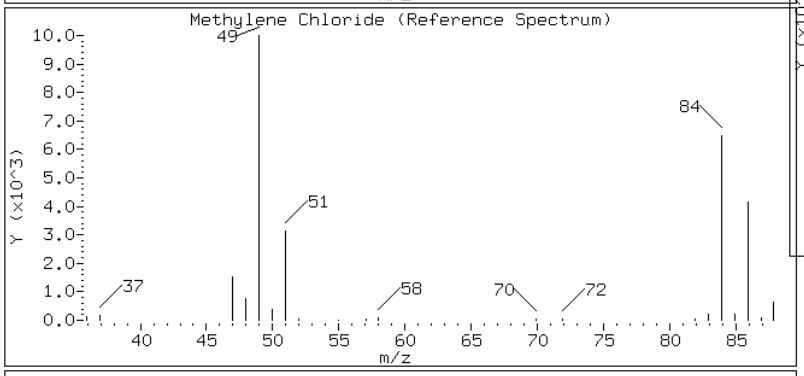
20 Methylene Chloride

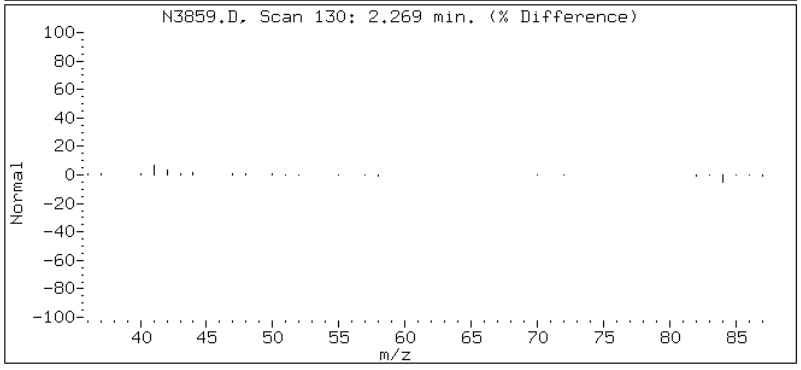












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53093/3

Matrix: Water Lab File ID: V2403.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
67-64-1	Acetone	10	U	10	1.0
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
71-43-2	Benzene	5.0	U	5.0	0.74
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
75-09-2	Methylene Chloride	2.54	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
591-78-6	2-Hexanone	10	U	10	1.1
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
100-42-5	Styrene	5.0	U	5.0	0.64
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-25-2	Bromoform	5.0	U	5.0	0.46
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53093/3

Matrix: Water Lab File ID: V2403.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	106		68-132
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		65-136
2037-26-5	Toluene-d8 (Surr)	82		63-127
460-00-4	4-Bromofluorobenzene	85		51-142

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2403.D
Lab Smp Id: MB-639322 Client Smp ID: MB-639322
Inj Date : 20-JUL-2011 11:42 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB-639322
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

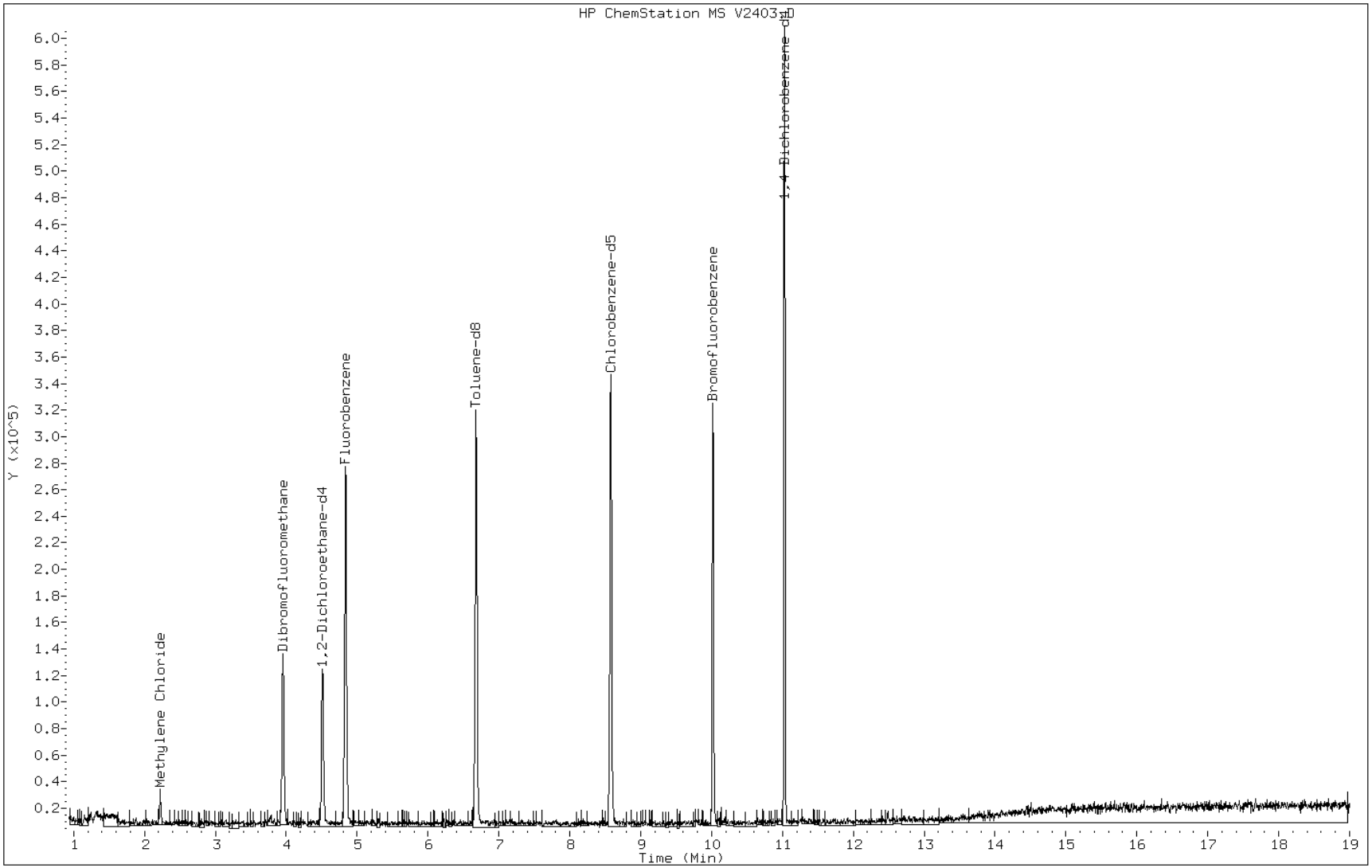
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	251782	25.0000	
	20 Methylene Chloride	84	2.215	2.221	(0.458)	8107	2.54198	2
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	74531	26.5058	26
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	96356	28.7053	29
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	207777	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	219424	20.4514	20
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	115243	25.0000	
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	80736	21.2116	21

Data File: V2403.D

Date: 20-JUL-2011 11:42

Client ID: MB-639322 Instrument: msv.i

Sample Info: MB-639322 Operator: B.KOSTRZEWSKA



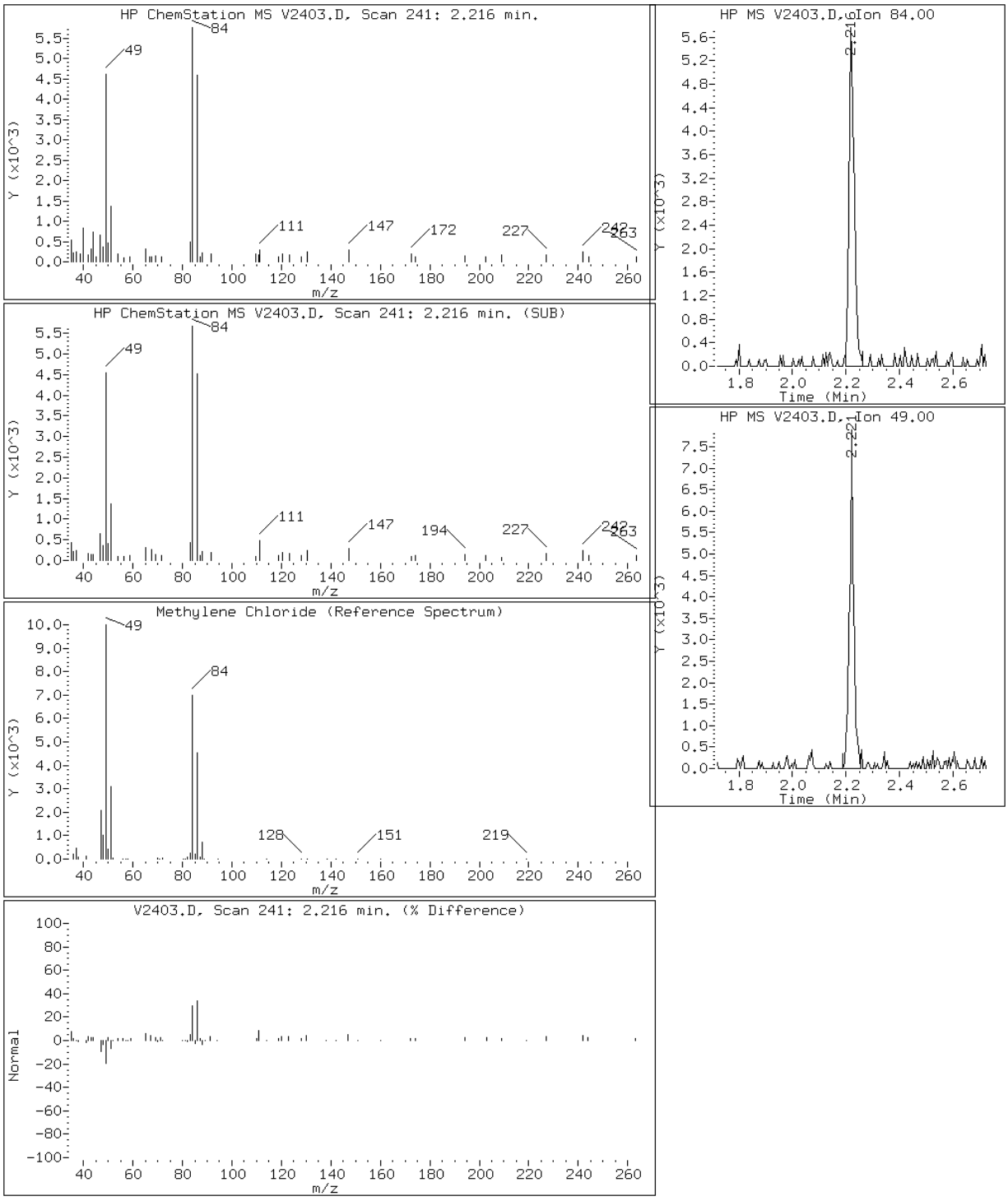
Data File: V2403.D

Date: 20-JUL-2011 11:42

Client ID: MB-639322 Instrument: msv.i

Sample Info: MB-639322 Operator: B.KOSTRZEWSKA

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53146/3

Matrix: Solid Lab File ID: O4952.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 11:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.41
67-64-1	Acetone	20	U	20	2.2
75-00-3	Chloroethane	5.0	U	5.0	0.98
67-66-3	Chloroform	5.0	U	5.0	0.34
74-87-3	Chloromethane	5.0	U	5.0	0.78
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.30
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
78-93-3	Methyl Ethyl Ketone	10	U	10	1.6
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.58
71-43-2	Benzene	5.0	U	5.0	0.57
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.58
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.67
75-27-4	Bromodichloromethane	5.0	U	5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.27
75-09-2	Methylene Chloride	4.60	J	20	1.1
108-10-1	methyl isobutyl ketone	5.0	U	5.0	0.55
124-48-1	Dibromochloromethane	5.0	U	5.0	0.35
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
591-78-6	2-Hexanone	10	U	10	1.2
108-88-3	Toluene	0.252	J	5.0	0.074
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.53
108-90-7	Chlorobenzene	5.0	U	5.0	0.59
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.37
100-41-4	Ethylbenzene	5.0	U	5.0	0.70
100-42-5	Styrene	5.0	U	5.0	0.15
79-01-6	Trichloroethene	5.0	U	5.0	0.81
75-25-2	Bromoform	5.0	U	5.0	0.61
75-01-4	Vinyl chloride	5.0	U	5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.52
1330-20-7	Xylenes, Total	5.0	U	5.0	0.49
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.37
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53146/3

Matrix: Solid Lab File ID: O4952.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 11:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	79		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		59-132
2037-26-5	Toluene-d8 (Surr)	80		50-118
460-00-4	4-Bromofluorobenzene	93		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4952.D
Lab Smp Id: MB-630546 Client Smp ID: MB-630546
Inj Date : 20-JUL-2011 11:46 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : MB-630546
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 32 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

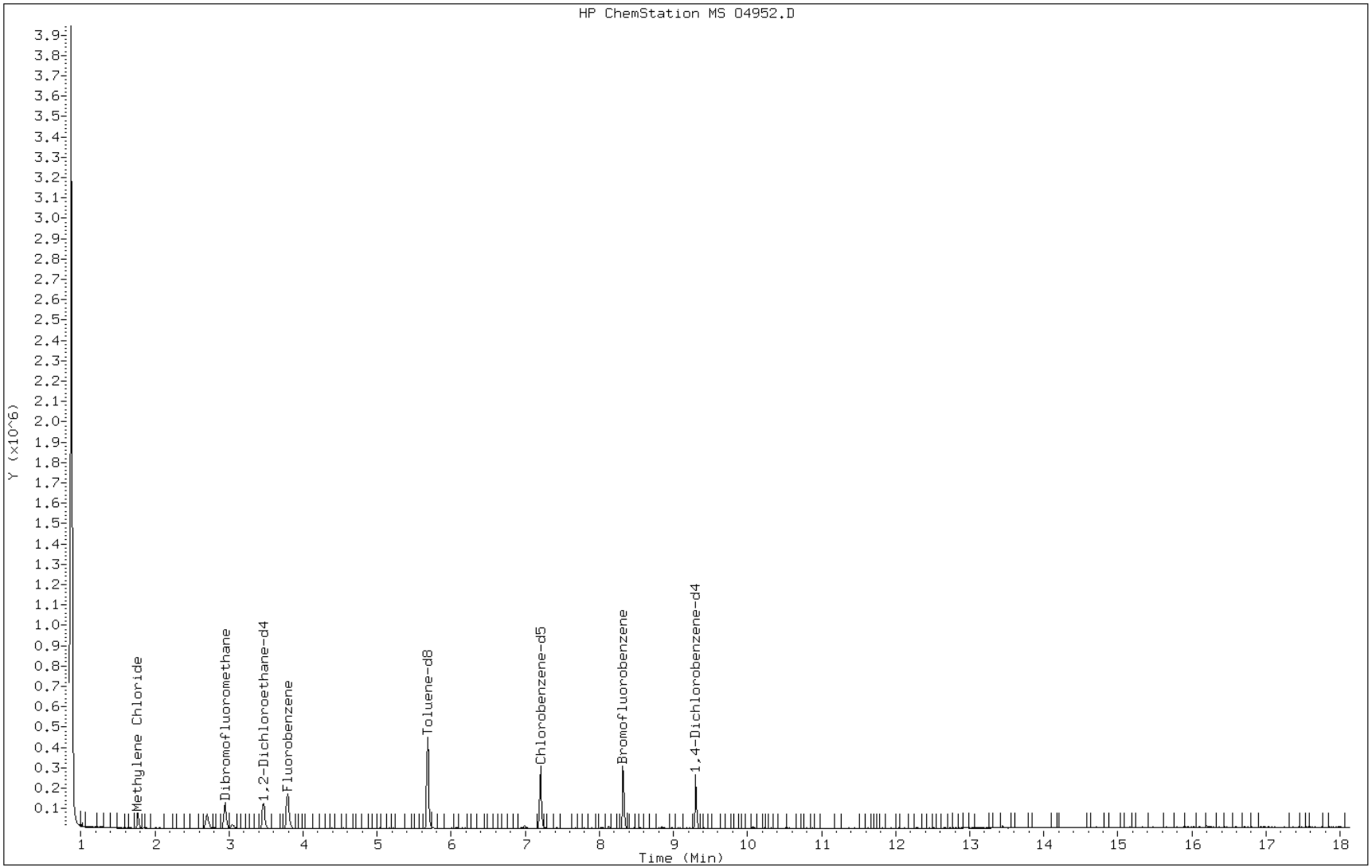
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.792	3.797	(1.000)	215446	25.0000	
	20 Methylene Chloride	84	1.775	1.770	(0.468)	25570	4.60242	5
$	41 Dibromofluoromethane	111	2.946	2.951	(0.777)	95454	19.7296	20
$	55 1,2-Dichloroethane-d4	65	3.467	3.462	(0.914)	116624	22.1024	22
*	75 Chlorobenzene-d5	117	7.206	7.201	(1.000)	148097	25.0000	
	76 Toluene	91	5.740	5.735	(0.797)	4455	0.25235	0.2
$	77 Toluene-d8	98	5.681	5.686	(0.788)	306505	19.9043	20
*	95 1,4-Dichlorobenzene-d4	152	9.302	9.307	(1.000)	58056	25.0000	
$	125 Bromofluorobenzene	95	8.318	8.323	(0.894)	112824	23.2841	23

Data File: O4952.D

Date: 20-JUL-2011 11:46

Client ID: MB-630546 Instrument: mso.i

Sample Info: MB-630546 Operator: D. HUMBERT



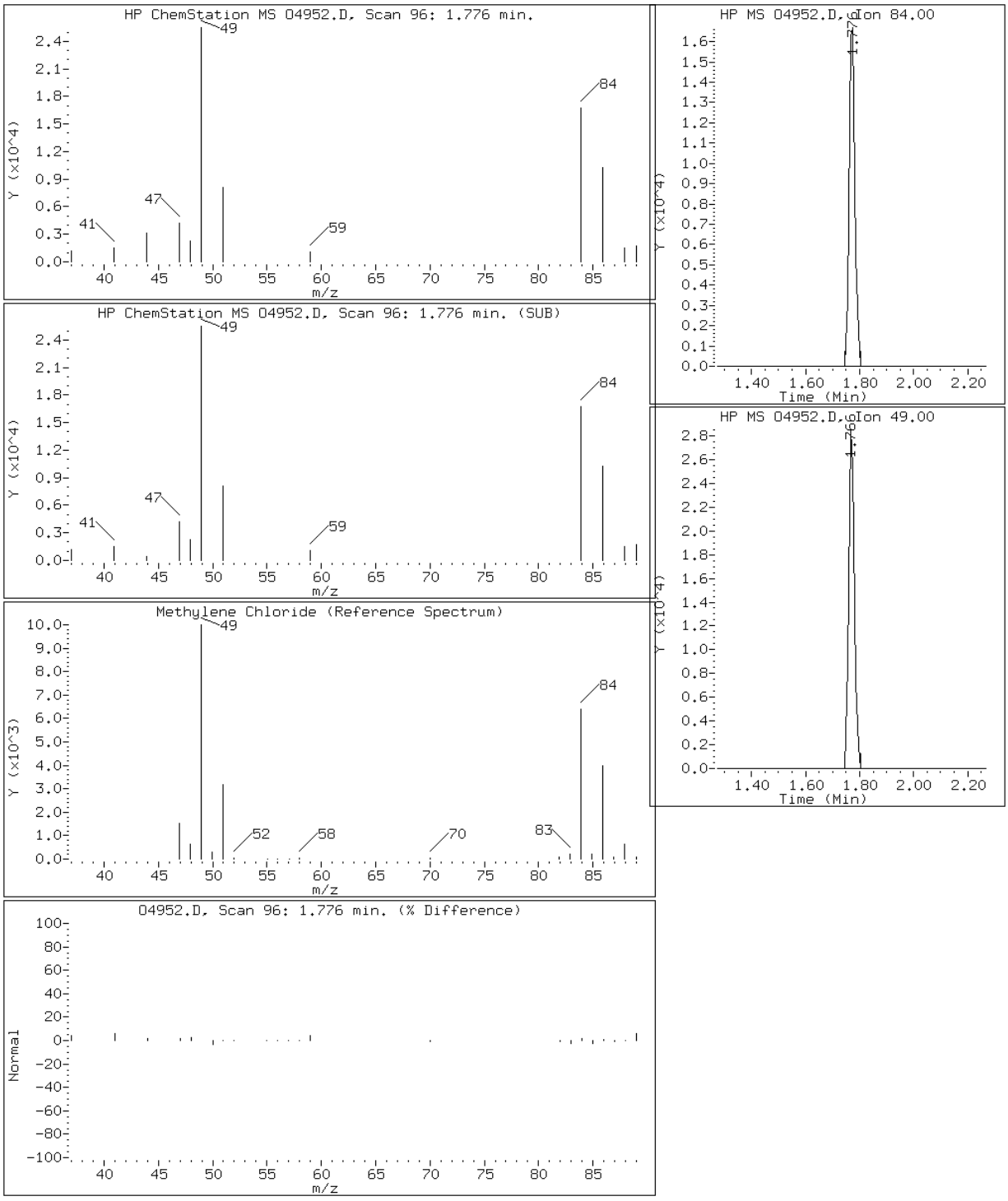
Data File: O4952.D

Date: 20-JUL-2011 11:46

Client ID: MB-630546 Instrument: mso.i

Sample Info: MB-630546 Operator: D. HUMBERT

20 Methylene Chloride



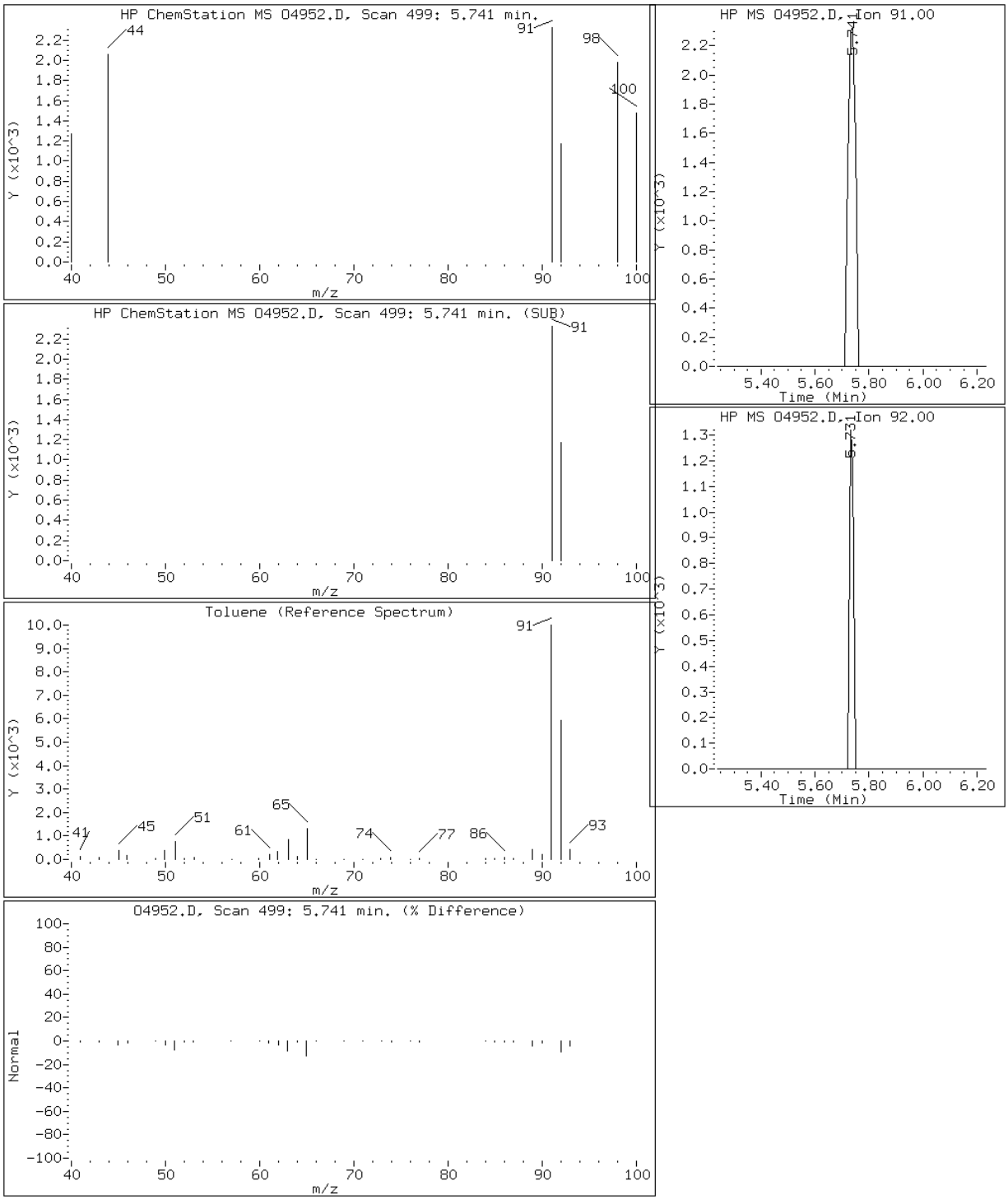
Data File: O4952.D

Date: 20-JUL-2011 11:46

Client ID: MB-630546 Instrument: mso.i

Sample Info: MB-630546 Operator: D. HUMBERT

76 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53087/2

Matrix: Solid | Lab File ID: N3858.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 11:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	30.1		5.0	2.1
75-15-0	Carbon disulfide	18.4		5.0	0.41
67-64-1	Acetone	24.6		20	2.2
75-00-3	Chloroethane	22.0		5.0	0.98
67-66-3	Chloroform	19.1		5.0	0.34
74-87-3	Chloromethane	18.3		5.0	0.78
75-34-3	1,1-Dichloroethane	19.6		5.0	0.30
56-23-5	Carbon tetrachloride	18.7		5.0	0.95
78-93-3	Methyl Ethyl Ketone	21.3		10	1.6
75-35-4	1,1-Dichloroethene	19.1		5.0	0.58
71-43-2	Benzene	18.6		5.0	0.57
107-06-2	1,2-Dichloroethane	19.5		5.0	0.58
78-87-5	1,2-Dichloropropane	18.8		5.0	0.67
75-27-4	Bromodichloromethane	18.7		5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.1		5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	18.2		5.0	0.27
75-09-2	Methylene Chloride	20.1		20	1.1
108-10-1	methyl isobutyl ketone	20.7		5.0	0.55
124-48-1	Dibromochloromethane	18.6		5.0	0.35
127-18-4	Tetrachloroethene	18.8		5.0	0.81
591-78-6	2-Hexanone	20.5		10	1.2
108-88-3	Toluene	19.1		5.0	0.074
71-55-6	1,1,1-Trichloroethane	19.2		5.0	0.53
108-90-7	Chlorobenzene	19.0		5.0	0.59
79-00-5	1,1,2-Trichloroethane	19.7		5.0	0.37
100-41-4	Ethylbenzene	19.1		5.0	0.70
100-42-5	Styrene	18.3		5.0	0.15
79-01-6	Trichloroethene	17.6		5.0	0.81
75-25-2	Bromoform	19.2		5.0	0.61
75-01-4	Vinyl chloride	19.4		5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	19.3		5.0	0.52
1330-20-7	Xylenes, Total	56.9		5.0	0.49
156-59-2	cis-1,2-Dichloroethene	19.5		5.0	0.37
156-60-5	trans-1,2-Dichloroethene	19.9		5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53087/2

Matrix: Solid Lab File ID: N3858.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 11:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	91		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		59-132
2037-26-5	Toluene-d8 (Surr)	99		50-118
460-00-4	4-Bromofluorobenzene	106		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3858.D
Lab Smp Id: LCS-637159 Client Smp ID: LCS-637159
Inj Date : 19-JUL-2011 11:19 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : LCS-637159
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
* 1	Fluorobenzene	96	4.790	4.788	(1.000)	628378	25.0000	
2	Dichlorodifluoromethane	85	1.214	1.232	(0.254)	21854	12.5921	12(RM)
3	Chloromethane	50	1.264	1.262	(0.264)	245022	18.2676	18
4	Vinyl Chloride	62	1.303	1.311	(0.272)	180656	19.3983	19
5	Bromomethane	94	1.490	1.488	(0.311)	123972	30.1326	30(R)
6	Chloroethane	64	1.549	1.547	(0.323)	116187	21.9722	22
7	Trichlorofluoromethane	101	1.628	1.626	(0.340)	184335	21.7638	22
8	Dichlorofluoromethane	67	1.648	1.646	(0.344)	297847	22.1757	22
9	Ethyl Ether	45	1.776	1.784	(0.371)	150383	21.0747	21
10	Ethanol	45	1.845	1.843	(0.385)	108929	243.329	240
12	Freon 123	67	1.914	1.912	(0.400)	36766	16.9325	17
13	Trichlorotrifluoroethane	101	1.924	1.922	(0.402)	164581	19.6315	20
14	1,1-Dichloroethene	96	1.914	1.912	(0.400)	133116	19.1111	19
15	Carbon Disulfide	76	1.943	1.941	(0.406)	536619	18.3651	18
16	Iodomethane	142	2.012	2.010	(0.420)	169954	18.5493	18
17	Acrolein	56	2.111	2.109	(0.441)	117332	63.3288	63(R)
18	2-Propanol	45	2.032	2.030	(0.424)	16311	18.1837	18(M)
19	3-Chloro-1-Propene	41	2.199	2.197	(0.459)	354592	20.3046	20
20	Methylene Chloride	84	2.268	2.266	(0.474)	239950	20.0875	20
21	Acetone	43	2.288	2.296	(0.478)	158644	24.5912	24
22	trans-1,2-Dichloroethene	96	2.377	2.375	(0.496)	163290	19.9297	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	2.367	2.365	(0.494)	1274677	22.3374	22
	24 Methyl tert-Butyl Ether	73	2.436	2.444	(0.509)	461354	19.2320	19
	25 tert-Butyl alcohol	59	2.485	2.493	(0.519)	146513	93.1009	93(M)
	26 Acetonitrile	41	2.633	2.641	(0.550)	286532	196.257	200
	27 Isopropyl ether	45	2.722	2.720	(0.568)	798087	19.5920	20
	28 tert-Butyl ethyl ether	59	3.027	3.025	(0.632)	590890	19.3160	19
	29 2-Chloro-1,3-Butadiene	88	2.820	2.828	(0.589)	142674	18.1033	18
	30 Acrylonitrile	53	2.879	2.877	(0.601)	206696	39.2659	39
	31 1,1-Dichloroethane	63	2.840	2.838	(0.593)	325792	19.6365	20
	32 Vinyl Acetate	43	3.037	3.045	(0.634)	417214	15.4476	15
	33 cis-1,2-Dichloroethene	96	3.332	3.330	(0.696)	185814	19.4657	19
	34 2,2-Dichloropropane	77	3.441	3.439	(0.718)	200258	18.8443	19
	35 Bromochloromethane	128	3.529	3.537	(0.737)	95096	19.2904	19
	37 Cyclohexane	84	3.549	3.547	(0.741)	255990	19.4244	19
	38 Chloroform	83	3.608	3.606	(0.753)	259839	19.1106	19
	39 Ethyl Acetate	43	3.746	3.744	(0.782)	38689	39.5071	40
	40 Methyl Acrylate	55	3.756	3.754	(0.784)	221798	19.9268	20
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	211718	22.7212	23
	42 Tetrahydrofuran	42	3.795	3.793	(0.792)	200307	42.0110	42
	43 Carbon Tetrachloride	117	3.776	3.774	(0.788)	156751	18.7489	19
	44 1,1,1-Trichloroethane	97	3.855	3.853	(0.805)	196193	19.2255	19
	45 2-Butanone	43	3.963	3.961	(0.827)	179390	21.2654	21
	46 1,1-Dichloropropene	75	4.002	4.000	(0.835)	222716	19.0226	19
	47 tert-Amyl methyl ether	73	4.455	4.453	(0.930)	472801	19.1041	19
	49 1-Chlorobutane	56	4.061	4.059	(0.848)	357342	18.4692	18
	51 Propionitrile	54	4.318	4.325	(0.901)	342649	193.441	190
	52 Benzene	78	4.308	4.306	(0.899)	626980	18.5927	18
	53 2-Methyl-2-Propenenitrile	41	4.347	4.355	(0.907)	171038	20.7327	21
	54 Isobutyl alcohol	42	4.584	4.591	(0.957)	83417	187.844	190
$	55 1,2-Dichloroethane-d4	65	4.455	4.463	(0.930)	187800	22.8775	23
	56 1,2-Dichloroethane	62	4.544	4.542	(0.949)	193323	19.5390	20
	59 Methyl Cyclohexane	83	4.978	4.976	(1.039)	284684	18.8927	19
	60 Trichloroethene	130	4.987	4.985	(1.041)	153796	17.6462	18
	63 Dibromomethane	93	5.431	5.429	(1.134)	114312	19.7784	20
	64 1,2-Dichloropropane	63	5.539	5.537	(1.156)	195172	18.7843	19
	65 Bromodichloromethane	83	5.618	5.616	(1.173)	179582	18.7480	19
	66 Methyl Methacrylate	69	5.805	5.803	(1.212)	148062	18.8958	19(R)
	67 1,4-Dioxane	58	5.845	5.852	(1.220)	14005	167.547	170
	69 2-Chloroethylvinylether	63	6.219	6.217	(1.298)	100146	19.3423	19
	174 Ethyl acrylate	55	5.588	5.596	(1.167)	328628	20.5760	20
	70 cis-1,3-Dichloropropene	75	6.258	6.256	(1.306)	246962	18.0675	18
	71 Chloroacetonitrile	48	6.633	6.631	(1.385)	91813	193.542	190(R)
	72 2-Nitropropane	41	6.702	6.700	(1.399)	90242	37.6027	38
	73 trans-1,3-Dichloropropene	75	6.889	6.897	(1.438)	214693	18.2023	18
	74 1,1,2-Trichloroethane	97	7.037	7.035	(1.469)	148994	19.6586	20
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	506341	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	639623	19.0990	19
$	77 Toluene-d8	98	6.436	6.443	(0.817)	717968	24.6328	25
	78 1,1-Dichloro-2-propanone	43	6.721	6.719	(0.854)	711898	99.4400	99
	79 4-Methyl-2-Pentanone	43	6.859	6.857	(0.871)	281450	20.7415	21
	80 Tetrachloroethene	164	6.859	6.857	(0.871)	110553	18.8225	19
	81 Ethyl Methacrylate	69	7.066	7.064	(0.897)	222057	19.8497	20
	82 Dibromochloromethane	129	7.194	7.202	(0.914)	149633	18.5871	18
	83 1,3-Dichloropropane	76	7.283	7.281	(0.925)	272809	20.1675	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
84	1,2-Dibromoethane	107	7.401	7.399	(0.940)	169846	19.2838	19
86	2-Hexanone	43	7.638	7.636	(0.970)	215372	20.4789	20
87	1-Chlorohexane	91	7.894	7.892	(1.002)	235083	18.6605	19
88	Chlorobenzene	112	7.894	7.892	(1.002)	430369	19.0135	19
89	1,1,1,2-Tetrachloroethane	131	7.953	7.951	(1.010)	126872	17.8963	18
90	Ethylbenzene	106	7.923	7.931	(1.006)	221057	19.1210	19
91	Xylene (total)mp	106	8.061	8.059	(1.024)	555578	38.3432	38
92	Xylene (total)o	106	8.436	8.434	(1.071)	257232	18.6206	19
93	Styrene	104	8.485	8.483	(1.078)	421977	18.3227	18
94	Bromoform	173	8.495	8.493	(1.079)	85521	19.1778	19
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.931	(1.000)	203781	25.0000	
96	Isopropylbenzene	105	8.721	8.719	(0.878)	611810	18.3943	18
97	Bromobenzene	156	9.036	9.044	(0.910)	146240	18.2735	18
98	1,1,2,2-Tetrachloroethane	83	9.145	9.143	(0.921)	202593	19.2743	19
99	4-Ethyltoluene	105	9.184	9.182	(0.925)	639260	18.4987	18
100	1,2,3-Trichloropropane	110	9.253	9.251	(0.932)	57877	19.7270	20
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.300	(0.936)	102147	36.5191	36
102	n-Propylbenzene	91	9.086	9.084	(0.915)	788805	18.9940	19
103	2-Chlorotoluene	91	9.204	9.202	(0.927)	514810	19.1888	19
104	4-Chlorotoluene	91	9.352	9.350	(0.941)	463577	19.3799	19
105	1,3,5-Trimethylbenzene	105	9.263	9.261	(0.933)	520699	19.0895	19
106	tert-Butylbenzene	119	9.529	9.527	(0.959)	435034	18.1935	18
107	1,2,4-Trimethylbenzene	105	9.598	9.596	(0.966)	513875	18.7994	19
108	sec-Butylbenzene	105	9.687	9.685	(0.975)	716633	18.8282	19
109	4-Isopropyltoluene	119	9.815	9.813	(0.988)	543229	18.2319	18
110	1,3-Dichlorobenzene	146	9.864	9.862	(0.993)	266982	18.6841	19
111	1,4-Dichlorobenzene	146	9.943	9.941	(1.001)	267975	18.4083	18
112	1,2-Dichlorobenzene	146	10.307	10.305	(1.038)	244674	18.4916	18
113	Benzyl Chloride	126	10.160	10.158	(1.023)	45979	14.6754	15(R)
114	1,4-Diethylbenzene	119	10.130	10.138	(1.020)	260840	17.8497	18
115	n-Butylbenzene	91	10.179	10.177	(1.025)	773941	17.3908	17
118	1,2,4,5-Tetramethylbenzene	119	10.839	10.837	(1.091)	427772	18.1565	18
119	1,2-Dibromo-3-chloropropane	75	10.997	11.005	(1.107)	24853	19.1758	19
120	Nitrobenzene	77	11.499	11.497	(1.158)	38858	87.8843	88(R)
121	1,2,4-Trichlorobenzene	180	11.608	11.606	(1.169)	151948	18.5916	18
122	Hexachlorobutadiene	225	11.588	11.586	(1.167)	75272	17.8390	18
123	Naphthalene	128	11.884	11.882	(1.196)	399677	17.1368	17
124	1,2,3-Trichlorobenzene	180	12.051	12.049	(1.213)	133825	18.1740	18
$ 125	Bromofluorobenzene	95	8.958	8.956	(0.902)	267860	26.3981	26
M 126	1,2-Dichloroethene (total)	100				349104	39.3954	39
M 127	Xylene (total)	100				812810	56.9638	57

QC Flag Legend

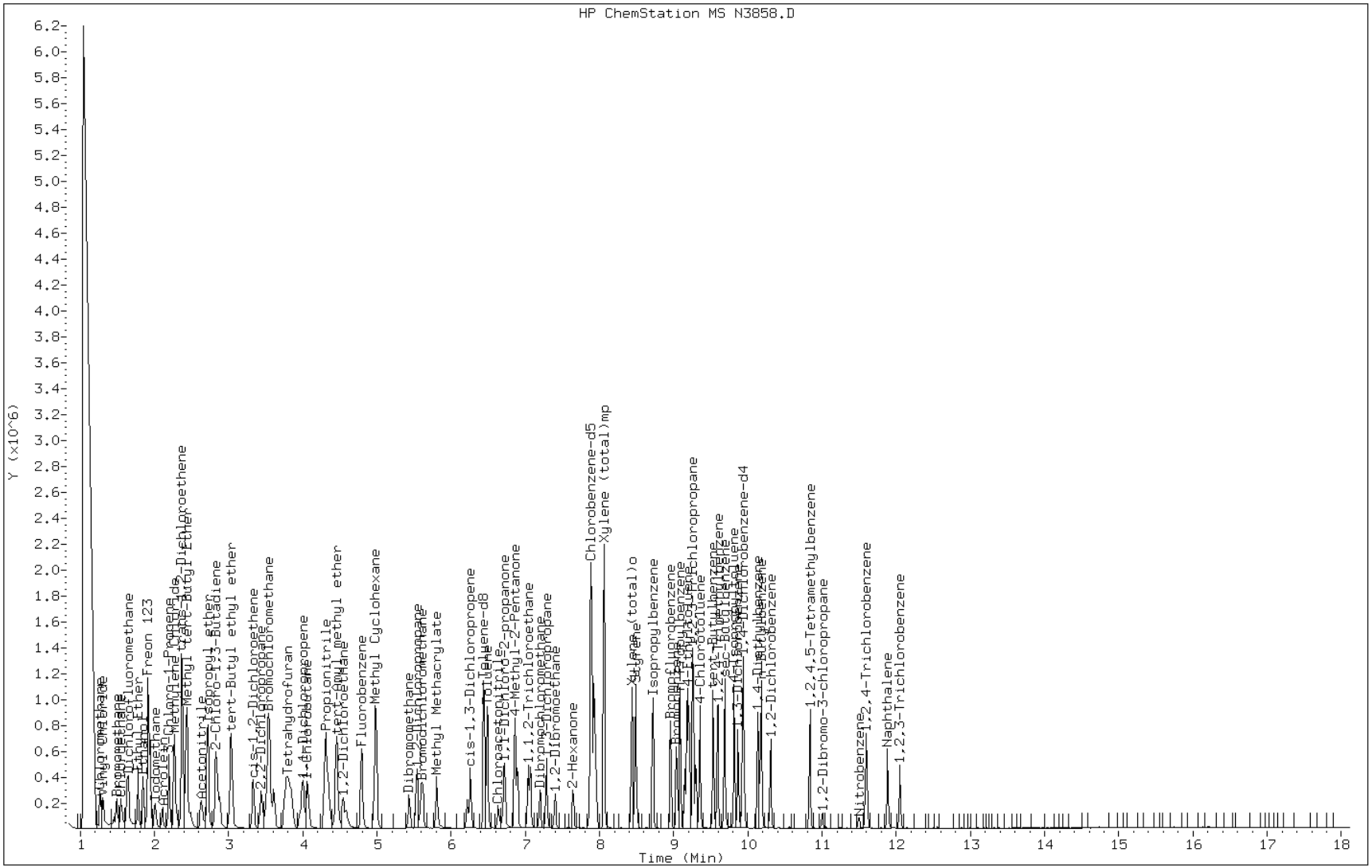
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: N3858.D

Date: 19-JUL-2011 11:19

Client ID: LCS-637159 Instrument: msn.i

Sample Info: LCS-637159 Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53093/2

Matrix: Water Lab File ID: V2401.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	8.74		5.0	2.1
75-15-0	Carbon disulfide	9.50		5.0	0.90
67-64-1	Acetone	8.23	J	10	1.0
75-00-3	Chloroethane	11.1		5.0	1.1
67-66-3	Chloroform	11.0		5.0	0.67
74-87-3	Chloromethane	9.51		5.0	1.1
75-34-3	1,1-Dichloroethane	9.86		5.0	1.0
56-23-5	Carbon tetrachloride	12.8		5.0	1.1
78-93-3	Methyl Ethyl Ketone	7.10	J	10	1.1
75-35-4	1,1-Dichloroethene	10.7		5.0	0.83
71-43-2	Benzene	9.67		5.0	0.74
107-06-2	1,2-Dichloroethane	12.1		5.0	0.72
78-87-5	1,2-Dichloropropane	8.88		5.0	0.71
75-27-4	Bromodichloromethane	11.5		5.0	0.48
10061-01-5	cis-1,3-Dichloropropene	9.59		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	10.0		5.0	0.57
75-09-2	Methylene Chloride	9.10		5.0	0.78
108-10-1	methyl isobutyl ketone	7.34	J	10	0.38
124-48-1	Dibromochloromethane	9.76		5.0	0.55
127-18-4	Tetrachloroethene	10.9		5.0	0.81
591-78-6	2-Hexanone	7.74	J	10	1.1
108-88-3	Toluene	9.58		5.0	0.72
71-55-6	1,1,1-Trichloroethane	12.8		5.0	0.69
108-90-7	Chlorobenzene	10.0		5.0	0.72
79-00-5	1,1,2-Trichloroethane	9.85		5.0	0.65
100-41-4	Ethylbenzene	10.3		5.0	0.87
100-42-5	Styrene	9.97		5.0	0.64
79-01-6	Trichloroethene	9.77		5.0	0.62
75-25-2	Bromoform	10.3		5.0	0.46
75-01-4	Vinyl chloride	10.2		5.0	0.99
79-34-5	1,1,2,2-Tetrachloroethane	7.71		5.0	0.81
1330-20-7	Xylenes, Total	30.4		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	9.00		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	9.63		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53093/2

Matrix: Water Lab File ID: V2401.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	98		68-132
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		65-136
2037-26-5	Toluene-d8 (Surr)	83		63-127
460-00-4	4-Bromofluorobenzene	77		51-142

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2401.D
Lab Smp Id: LCS-639297 Client Smp ID: LCS-639297
Inj Date : 20-JUL-2011 10:47 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS-639297
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	287114	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	32577	13.4229	13
3	Chloromethane	50	1.089	1.089	(0.225)	25070	9.50723	10
4	Vinyl Chloride	62	1.132	1.132	(0.234)	25407	10.2484	10
5	Bromomethane	94	1.324	1.324	(0.274)	13554	8.74169	9
6	Chloroethane	64	1.394	1.393	(0.288)	14179	11.1297	11
7	Trichlorofluoromethane	101	1.484	1.479	(0.307)	67318	13.3771	13
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	44829	10.7248	11
9	Ethyl Ether	45	1.676	1.676	(0.347)	12985	8.27736	8
10	Ethanol	45	1.730	1.730	(0.358)	11287	126.906	130
12	Freon 123	67	1.847	1.847	(0.382)	4811	8.06588	8
13	Trichlorotrifluoroethane	101	1.837	1.836	(0.380)	28024	10.3606	10
14	1,1-Dichloroethene	96	1.805	1.804	(0.373)	21387	10.7232	11
15	Carbon Disulfide	76	1.821	1.820	(0.377)	78289	9.50263	10
16	Iodomethane	142	1.901	1.900	(0.393)	30834	10.0564	10
17	Acrolein	56	2.039	2.039	(0.422)	15032	36.5181	36(M)
18	2-Propanol	45	2.189	2.178	(0.453)	2081	5.92727	6(M)
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	30586	8.50687	8
20	Methylene Chloride	84	2.221	2.221	(0.459)	33093	9.09953	9
21	Acetone	43	2.263	2.263	(0.468)	7085	8.22851	8
22	trans-1,2-Dichloroethene	96	2.354	2.349	(0.487)	25164	9.62642	10
23	Methyl Acetate	43	2.370	2.370	(0.490)	96167	8.89180	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.445	2.450	(0.506)	83096	9.93550	10
	25 tert-Butyl alcohol	59	2.541	2.536	(0.525)	15012	42.0186	42
	26 Acetonitrile	41	2.642	2.648	(0.546)	23734	83.2376	83
	27 Isopropyl ether	45	2.808	2.808	(0.581)	64846	8.20865	8
	28 tert-Butyl ethyl ether	59	3.176	3.181	(0.657)	72982	9.04961	9
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	24540	10.2979	10
	30 Acrylonitrile	53	2.947	2.941	(0.609)	15271	14.9073	15
	31 1,1-Dichloroethane	63	2.893	2.904	(0.598)	49066	9.86097	10
	32 Vinyl Acetate	43	3.187	3.181	(0.659)	48614	8.31062	8
	33 cis-1,2-Dichloroethene	96	3.459	3.453	(0.715)	28591	9.00329	9
	34 2,2-Dichloropropane	77	3.566	3.571	(0.737)	55194	13.0731	13
	35 Bromochloromethane	128	3.662	3.656	(0.757)	15581	9.73861	10
	37 Cyclohexane	84	3.662	3.662	(0.757)	34474	9.65270	10
	38 Chloroform	83	3.758	3.763	(0.777)	65671	10.9820	11
	39 Ethyl Acetate	43	3.923	3.918	(0.811)	4430	14.2253	14(RM)
	40 Methyl Acrylate	55	3.918	3.912	(0.810)	22330	8.34772	8
$	41 Dibromofluoromethane	111	3.950	3.955	(0.817)	78731	24.5539	24
	42 Tetrahydrofuran	42	3.907	3.912	(0.808)	13392	14.9507	15
	43 Carbon Tetrachloride	117	3.891	3.891	(0.805)	61617	12.7581	13
	44 1,1,1-Trichloroethane	97	3.955	3.960	(0.818)	63082	12.8005	13
	45 2-Butanone	43	4.094	4.089	(0.847)	8809	7.09886	7
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	38763	10.0328	10
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	76697	10.0598	10
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	52479	10.8721	11
	50 Heptane	43	4.537	4.542	(0.938)	22858	10.2286	10
	51 Propionitrile	54	4.393	4.387	(0.908)	33673	83.8541	84
	52 Benzene	78	4.361	4.361	(0.902)	108657	9.66524	10
	53 2-Methyl-2-Propenenitrile	41	4.420	4.419	(0.914)	13907	8.42384	8(RM)
	54 Isobutyl alcohol	42	4.724	4.713	(0.977)	5569	83.4938	83(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	99816	26.0768	26
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	50026	12.0681	12
	59 Methyl Cyclohexane	83	5.007	5.006	(1.035)	43323	9.39499	9
	60 Trichloroethene	130	5.028	5.033	(1.040)	31948	9.77024	10
	63 Dibromomethane	93	5.487	5.487	(1.135)	23753	11.1143	11
	64 1,2-Dichloropropane	63	5.610	5.599	(1.160)	25783	8.88008	9(M)
	65 Bromodichloromethane	83	5.716	5.716	(1.182)	50350	11.5106	12
	66 Methyl Methacrylate	69	5.951	5.951	(1.231)	17394	7.88513	8(R)
	67 1,4-Dioxane	58	5.962	5.940	(1.233)	1586	48.2410	48(M)
	69 2-Chloroethylvinylether	63	6.437	6.426	(1.331)	15107	8.57183	8
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	45343	9.59032	10
	71 Chloroacetonitrile	48	6.933	6.938	(1.434)	7964	77.2295	77(RM)
	72 2-Nitropropane	41	7.003	7.008	(1.448)	16062	21.4170	21
	73 trans-1,3-Dichloropropene	75	7.264	7.264	(1.502)	48096	10.0437	10
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	26907	9.84648	10
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	224211	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	123147	9.58422	10
$	77 Toluene-d8	98	6.677	6.677	(0.778)	239318	20.6706	21
	78 1,1-Dichloro-2-propanone	43	7.029	7.024	(0.820)	64457	43.9440	44
	79 4-Methyl-2-Pentanone	43	7.237	7.237	(0.844)	20010	7.34296	7
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	30226	10.8552	11
	81 Ethyl Methacrylate	69	7.547	7.536	(0.880)	29037	8.51530	8
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	40488	9.76488	10
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	42179	8.83433	9
	84 1,2-Dibromoethane	107	7.899	7.894	(0.921)	30126	9.24401	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
86	2-Hexanone	43	8.300	8.294	(0.968)	13496	7.73635	8
87	1-Chlorohexane	91	8.652	8.652	(1.009)	27247	8.64481	9(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	86427	10.0082	10
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	40746	11.7403	12
90	Ethylbenzene	106	8.678	8.678	(1.012)	47725	10.3040	10
91	Xylene (total)mp	106	8.881	8.881	(1.035)	113579	20.9530	21
92	Xylene (total)o	106	9.399	9.393	(1.096)	48621	9.43961	9
93	Styrene	104	9.463	9.463	(1.103)	85950	9.97411	10
94	Bromoform	173	9.452	9.447	(1.102)	31965	10.3463	10
* 95	1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	148196	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	117763	8.55392	8
97	Bromobenzene	156	10.098	10.093	(0.916)	43514	9.06692	9
98	1,1,2,2-Tetrachloroethane	83	10.258	10.263	(0.930)	34454	7.71386	8
99	4-Ethyltoluene	105	10.296	10.295	(0.934)	131515	8.74285	9
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	11918	8.54726	8
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.413	(0.945)	19739	16.0329	16
102	n-Propylbenzene	91	10.183	10.183	(0.924)	153438	8.53256	8
103	2-Chlorotoluene	91	10.296	10.295	(0.934)	117557	8.79604	9
104	4-Chlorotoluene	91	10.456	10.455	(0.948)	109153	8.94910	9
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.942)	117653	9.06568	9
106	tert-Butylbenzene	119	10.658	10.658	(0.967)	101377	9.10892	9
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	119942	8.78546	9
108	sec-Butylbenzene	105	10.813	10.813	(0.981)	149409	9.44796	9
109	4-Isopropyltoluene	119	10.947	10.946	(0.993)	121574	9.05737	9
110	1,3-Dichlorobenzene	146	10.963	10.962	(0.994)	79255	8.90470	9
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	77032	8.25366	8
112	1,2-Dichlorobenzene	146	11.374	11.373	(1.031)	75303	8.87662	9
113	Benzyl Chloride	126	11.256	11.251	(1.021)	15948	8.91787	9
114	1,4-Diethylbenzene	119	11.246	11.245	(1.020)	59495	8.24623	8
115	n-Butylbenzene	91	11.288	11.288	(1.024)	117981	8.49262	8
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	108893	7.91580	8
119	1,2-Dibromo-3-chloropropane	75	11.987	11.992	(1.087)	9459	9.14315	9
120	Nitrobenzene	77	12.398	12.398	(1.124)	38174	73.1383	73
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.133)	64025	8.41445	8
122	Hexachlorobutadiene	225	12.489	12.489	(1.133)	36781	9.45265	9
123	Naphthalene	128	12.718	12.718	(1.153)	124791	7.35156	7
124	1,2,3-Trichlorobenzene	180	12.847	12.846	(1.165)	61161	8.24479	8
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.909)	94808	19.3700	19
M 126	1,2-Dichloroethene (total)	100				53755	18.6297	19
M 127	Xylene (total)	100				162200	30.3926	30

QC Flag Legend

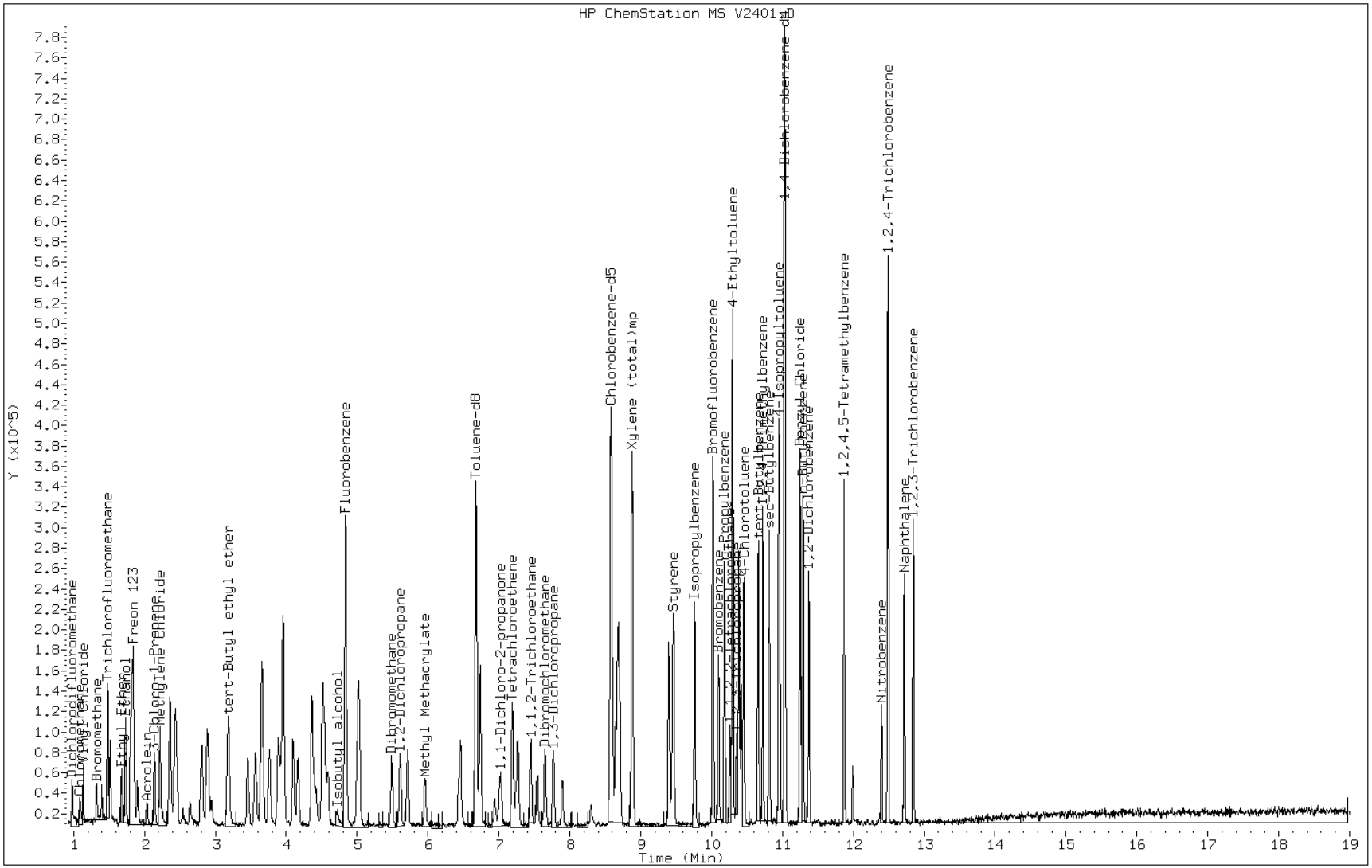
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V2401.D

Date: 20-JUL-2011 10:47

Client ID: LCS-639297 Instrument: msv.i

Sample Info: LCS-639297 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2401.D
Inj. Date and Time: 20-JUL-2011 10:47
Instrument ID: msv.i
Client ID: LCS-639297
Compound: 64 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 07/20/2011

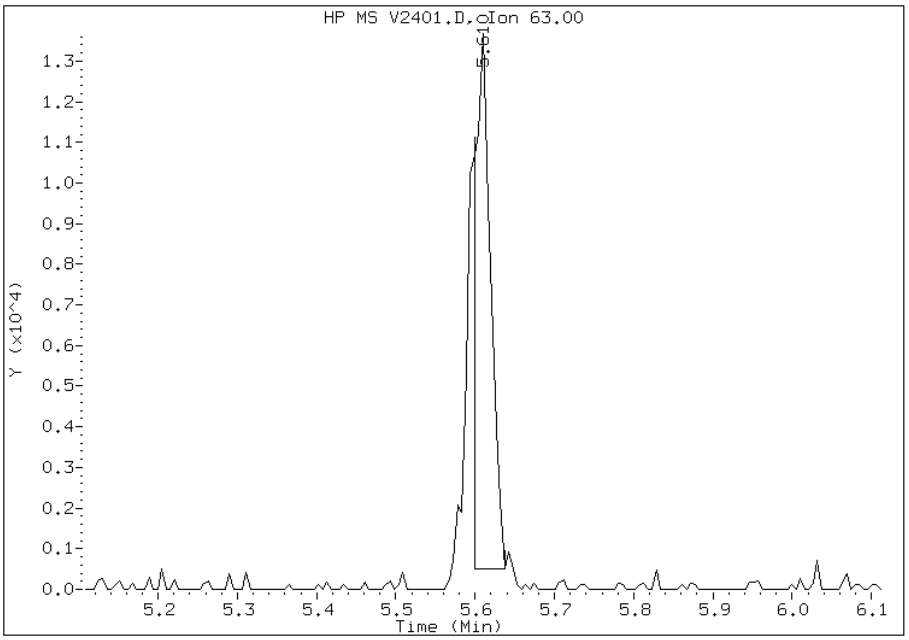
Processing Integration Results

RT: 5.61

Response: 17575

Amount: 6

Conc: 6



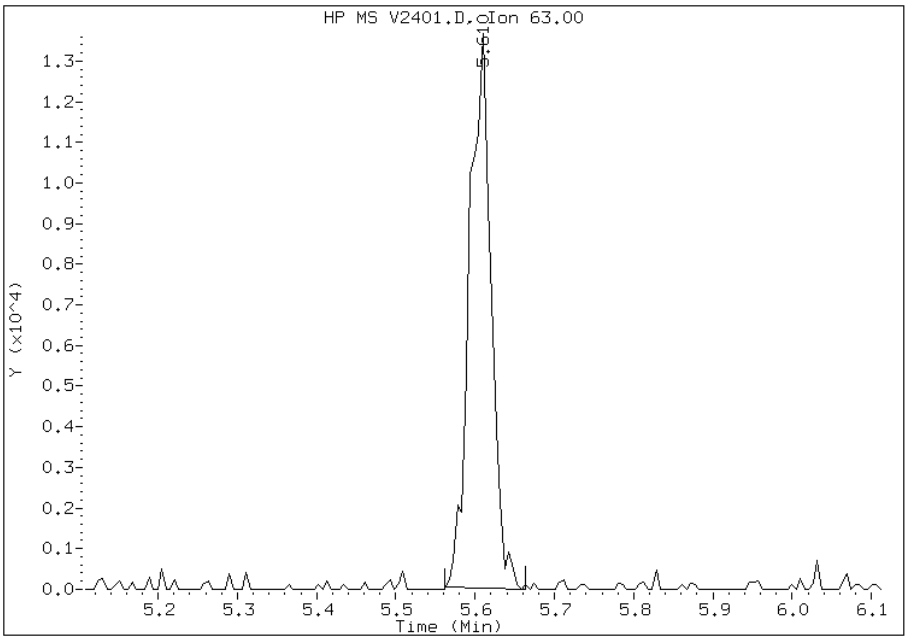
Manual Integration Results

RT: 5.61

Response: 25783

Amount: 9

Conc: 9



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53146/2

Matrix: Solid | Lab File ID: O4951.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 11:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	26.3		5.0	2.1
75-15-0	Carbon disulfide	16.2		5.0	0.41
67-64-1	Acetone	19.6	J	20	2.2
75-00-3	Chloroethane	24.1		5.0	0.98
67-66-3	Chloroform	17.6		5.0	0.34
74-87-3	Chloromethane	18.1		5.0	0.78
75-34-3	1,1-Dichloroethane	19.7		5.0	0.30
56-23-5	Carbon tetrachloride	17.0		5.0	0.95
78-93-3	Methyl Ethyl Ketone	18.4		10	1.6
75-35-4	1,1-Dichloroethene	17.6		5.0	0.58
71-43-2	Benzene	17.9		5.0	0.57
107-06-2	1,2-Dichloroethane	19.2		5.0	0.58
78-87-5	1,2-Dichloropropane	19.1		5.0	0.67
75-27-4	Bromodichloromethane	16.7		5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.5		5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	18.1		5.0	0.27
75-09-2	Methylene Chloride	20.3		20	1.1
108-10-1	methyl isobutyl ketone	17.9		5.0	0.55
124-48-1	Dibromochloromethane	15.2		5.0	0.35
127-18-4	Tetrachloroethene	16.2		5.0	0.81
591-78-6	2-Hexanone	18.7		10	1.2
108-88-3	Toluene	17.5		5.0	0.074
71-55-6	1,1,1-Trichloroethane	17.6		5.0	0.53
108-90-7	Chlorobenzene	16.5		5.0	0.59
79-00-5	1,1,2-Trichloroethane	17.5		5.0	0.37
100-41-4	Ethylbenzene	16.4		5.0	0.70
100-42-5	Styrene	15.3		5.0	0.15
79-01-6	Trichloroethene	17.0		5.0	0.81
75-25-2	Bromoform	13.9		5.0	0.61
75-01-4	Vinyl chloride	18.3		5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	18.1		5.0	0.52
1330-20-7	Xylenes, Total	49.1		5.0	0.49
156-59-2	cis-1,2-Dichloroethene	17.5		5.0	0.37
156-60-5	trans-1,2-Dichloroethene	17.4		5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53146/2

Matrix: Solid Lab File ID: O4951.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 11:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	84		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		59-132
2037-26-5	Toluene-d8 (Surr)	78		50-118
460-00-4	4-Bromofluorobenzene	84		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4951.D
Lab Smp Id: LCS-637159 Client Smp ID: LCS-637159
Inj Date : 20-JUL-2011 11:04 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : LCS-637159
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
* 1 Fluorobenzene	96	3.793	3.797	(1.000)	219832	25.0000	
2 Dichlorodifluoromethane	85	0.930	0.934	(0.245)	61790	14.5584	14
3 Chloromethane	50	1.008	1.013	(0.266)	141193	18.1027	18
4 Vinyl Chloride	62	1.048	1.042	(0.276)	110096	18.3423	18
5 Bromomethane	94	1.176	1.170	(0.310)	72823	26.2713	26
6 Chloroethane	64	1.225	1.219	(0.323)	63150	24.1116	24
7 Trichlorofluoromethane	101	1.284	1.278	(0.339)	109763	18.9929	19
8 Dichlorofluoromethane	67	1.294	1.298	(0.341)	165969	20.0604	20
9 Ethyl Ether	45	1.402	1.396	(0.370)	65426	20.9807	21
10 Ethanol	45	1.451	1.445	(0.383)	58689	238.589	240
12 Freon 123	67	1.500	1.505	(0.396)	25022	16.8135	17
13 Trichlorotrifluoroethane	101	1.510	1.505	(0.398)	76733	17.6485	18
14 1,1-Dichloroethene	96	1.500	1.505	(0.396)	63486	17.6353	18
15 Carbon Disulfide	76	1.530	1.524	(0.403)	278018	16.1789	16
16 Iodomethane	142	1.579	1.573	(0.416)	92040	15.2085	15
17 Acrolein	56	1.648	1.652	(0.435)	53299	54.9490	55(R)
18 2-Propanol	45	1.717	1.711	(0.453)	21923	17.9103	18
19 3-Chloro-1-Propene	41	1.717	1.711	(0.453)	192728	19.5069	20
20 Methylene Chloride	84	1.766	1.770	(0.466)	114997	20.2857	20
21 Acetone	43	1.786	1.790	(0.471)	67585	19.6036	20
22 trans-1,2-Dichloroethene	96	1.855	1.859	(0.489)	78314	17.4447	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	1.845	1.849	(0.486)	583803	21.2221	21
	24 Methyl tert-Butyl Ether	73	1.904	1.898	(0.502)	243085	18.1330	18
	25 tert-Butyl alcohol	59	1.943	1.937	(0.512)	76610	89.7051	90
	26 Acetonitrile	41	2.051	2.046	(0.541)	152752	182.789	180
	27 Isopropyl ether	45	2.110	2.105	(0.556)	427713	19.9029	20
	28 tert-Butyl ethyl ether	59	2.347	2.341	(0.619)	318936	18.7988	19
	29 2-Chloro-1,3-Butadiene	88	2.189	2.193	(0.577)	72189	15.9984	16
	30 Acrylonitrile	53	2.238	2.233	(0.590)	92367	37.2427	37
	31 1,1-Dichloroethane	63	2.209	2.203	(0.582)	179575	19.6736	20
	32 Vinyl Acetate	43	2.356	2.351	(0.621)	218732	14.3453	14
	33 cis-1,2-Dichloroethene	96	2.573	2.577	(0.678)	89609	17.5213	18
	34 2,2-Dichloropropane	77	2.661	2.656	(0.702)	130797	17.7096	18
	35 Bromochloromethane	128	2.730	2.734	(0.720)	41690	16.9916	17
	37 Cyclohexane	84	2.740	2.744	(0.722)	127781	17.1780	17(R)
	38 Chloroform	83	2.789	2.793	(0.735)	154776	17.5870	18
	39 Ethyl Acetate	43	2.898	2.892	(0.764)	14102	32.4944	32
	40 Methyl Acrylate	55	2.898	2.892	(0.764)	96275	18.4422	18
$	41 Dibromofluoromethane	111	2.947	2.951	(0.777)	103274	20.9200	21
	42 Tetrahydrofuran	42	2.927	2.921	(0.772)	92461	39.9863	40
	43 Carbon Tetrachloride	117	2.907	2.911	(0.767)	100809	16.9957	17
	44 1,1,1-Trichloroethane	97	2.966	2.971	(0.782)	110573	17.6360	18
	45 2-Butanone	43	3.055	3.059	(0.805)	76163	18.4378	18
	46 1,1-Dichloropropene	75	3.085	3.079	(0.813)	125043	18.0478	18
	47 tert-Amyl methyl ether	73	3.449	3.453	(0.909)	259453	18.4036	18
	49 1-Chlorobutane	56	3.134	3.128	(0.826)	201211	18.8028	19
	51 Propionitrile	54	3.340	3.344	(0.881)	162478	191.856	190
	52 Benzene	78	3.321	3.325	(0.876)	338293	17.9366	18
	53 2-Methyl-2-Propenenitrile	41	3.360	3.364	(0.886)	80448	19.0550	19
	54 Isobutyl alcohol	42	3.606	3.590	(0.951)	42643	82.0924	82
$	55 1,2-Dichloroethane-d4	65	3.468	3.462	(0.914)	120390	22.3609	22
	56 1,2-Dichloroethane	62	3.537	3.541	(0.933)	116315	19.1556	19
	59 Methyl Cyclohexane	83	3.990	3.994	(1.052)	145054	17.2827	17
	60 Trichloroethene	130	4.019	4.013	(1.060)	72625	16.9949	17
	63 Dibromomethane	93	4.541	4.545	(1.197)	57822	17.3433	17
	64 1,2-Dichloropropane	63	4.659	4.663	(1.228)	104676	19.0755	19
	65 Bromodichloromethane	83	4.767	4.771	(1.257)	110857	16.6558	17
	66 Methyl Methacrylate	69	4.993	4.988	(1.316)	71920	17.3269	17(R)
	67 1,4-Dioxane	58	5.023	5.007	(1.324)	7742	135.389	140
	69 2-Chloroethylvinylether	63	5.456	5.460	(1.438)	56284	17.6590	18
	70 cis-1,3-Dichloropropene	75	5.485	5.489	(1.446)	142328	17.5442	18
	71 Chloroacetonitrile	48	5.918	5.922	(1.560)	47484	173.199	170(R)
	72 2-Nitropropane	41	5.977	5.971	(1.576)	58082	40.0811	40
	73 trans-1,3-Dichloropropene	75	6.184	6.188	(1.630)	128672	18.0798	18
	74 1,1,2-Trichloroethane	97	6.341	6.335	(1.672)	68580	17.4613	17
*	75 Chlorobenzene-d5	117	7.207	7.201	(1.000)	156427	25.0000	
	76 Toluene	91	5.731	5.735	(0.795)	325433	17.4522	17
$	77 Toluene-d8	98	5.682	5.686	(0.788)	319036	19.6148	20
	78 1,1-Dichloro-2-propanone	43	5.987	5.991	(0.831)	353920	94.1054	94(M)
	79 4-Methyl-2-Pentanone	43	6.154	6.158	(0.854)	133237	17.9121	18
	80 Tetrachloroethene	164	6.135	6.129	(0.851)	53791	16.2164	16
	81 Ethyl Methacrylate	69	6.390	6.394	(0.887)	106948	16.3393	16
	82 Dibromochloromethane	129	6.499	6.503	(0.902)	74844	15.2178	15
	83 1,3-Dichloropropane	76	6.597	6.591	(0.915)	137637	17.2915	17
	84 1,2-Dibromoethane	107	6.705	6.700	(0.930)	74227	15.9035	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	86 2-Hexanone	43	6.991	6.985	(0.970)	106238	18.6931	19
	87 1-Chlorohexane	91	7.246	7.250	(1.005)	126207	14.8593	15(M)
	88 Chlorobenzene	112	7.217	7.221	(1.001)	192383	16.4848	16
	89 1,1,1,2-Tetrachloroethane	131	7.296	7.290	(1.012)	64633	15.8840	16
	90 Ethylbenzene	106	7.266	7.270	(1.008)	98995	16.3776	16
	91 Xylene (total)mp	106	7.414	7.408	(1.029)	250553	32.9357	33
	92 Xylene (total)o	106	7.797	7.792	(1.082)	118654	16.1948	16
	93 Styrene	104	7.847	7.841	(1.089)	186813	15.2812	15
	94 Bromoform	173	7.847	7.851	(1.089)	43627	13.8934	14
*	95 1,4-Dichlorobenzene-d4	152	9.303	9.307	(1.000)	68353	25.0000	
	96 Isopropylbenzene	105	8.083	8.087	(0.869)	275325	16.9963	17
	97 Bromobenzene	156	8.398	8.402	(0.903)	71644	16.8697	17
	98 1,1,2,2-Tetrachloroethane	83	8.535	8.530	(0.918)	112110	18.0622	18
	99 4-Ethyltoluene	105	8.555	8.559	(0.920)	297199	17.4750	17
	100 1,2,3-Trichloropropane	110	8.624	8.628	(0.927)	24564	17.4792	17
	101 trans-1,4-Dichloro-2-Butene	53	8.683	8.677	(0.933)	58052	36.7212	37
	102 n-Propylbenzene	91	8.457	8.451	(0.909)	413583	18.2758	18
	103 2-Chlorotoluene	91	8.575	8.569	(0.922)	270093	18.2856	18
	104 4-Chlorotoluene	91	8.722	8.726	(0.938)	240788	17.7957	18
	105 1,3,5-Trimethylbenzene	105	8.644	8.638	(0.929)	249960	17.5083	18
	106 tert-Butylbenzene	119	8.909	8.913	(0.958)	202905	17.3175	17
	107 1,2,4-Trimethylbenzene	105	8.978	8.972	(0.965)	244039	17.0890	17
	108 sec-Butylbenzene	105	9.067	9.061	(0.975)	338232	17.4214	17
	109 4-Isopropyltoluene	119	9.204	9.199	(0.989)	247381	16.8129	17
	110 1,3-Dichlorobenzene	146	9.234	9.238	(0.993)	126956	16.8756	17
	111 1,4-Dichlorobenzene	146	9.313	9.317	(1.001)	125680	16.6910	17
	112 1,2-Dichlorobenzene	146	9.677	9.671	(1.040)	119157	16.8770	17
	113 Benzyl Chloride	126	9.539	9.543	(1.025)	24116	14.2779	14(R)
	114 1,4-Diethylbenzene	119	9.519	9.523	(1.023)	120826	16.8851	17
	115 n-Butylbenzene	91	9.568	9.572	(1.029)	319116	18.1857	18
	118 1,2,4,5-Tetramethylbenzene	119	10.228	10.222	(1.099)	191055	16.1396	16
	119 1,2-Dibromo-3-chloropropane	75	10.375	10.379	(1.115)	13748	15.9612	16
	120 Nitrobenzene	77	10.867	10.861	(1.168)	19666	71.0203	71(R)
	121 1,2,4-Trichlorobenzene	180	10.975	10.970	(1.180)	58683	15.3564	15
	122 Hexachlorobutadiene	225	10.966	10.970	(1.179)	37064	16.7841	17
	123 Naphthalene	128	11.251	11.245	(1.209)	122311	14.4228	14
	124 1,2,3-Trichlorobenzene	180	11.408	11.412	(1.226)	51891	15.2845	15
$	125 Bromofluorobenzene	95	8.319	8.323	(0.894)	119927	21.0215	21
M	126 1,2-Dichloroethene (total)	100				167923	34.9660	35
M	127 Xylene (total)	100				369207	49.1306	49

QC Flag Legend

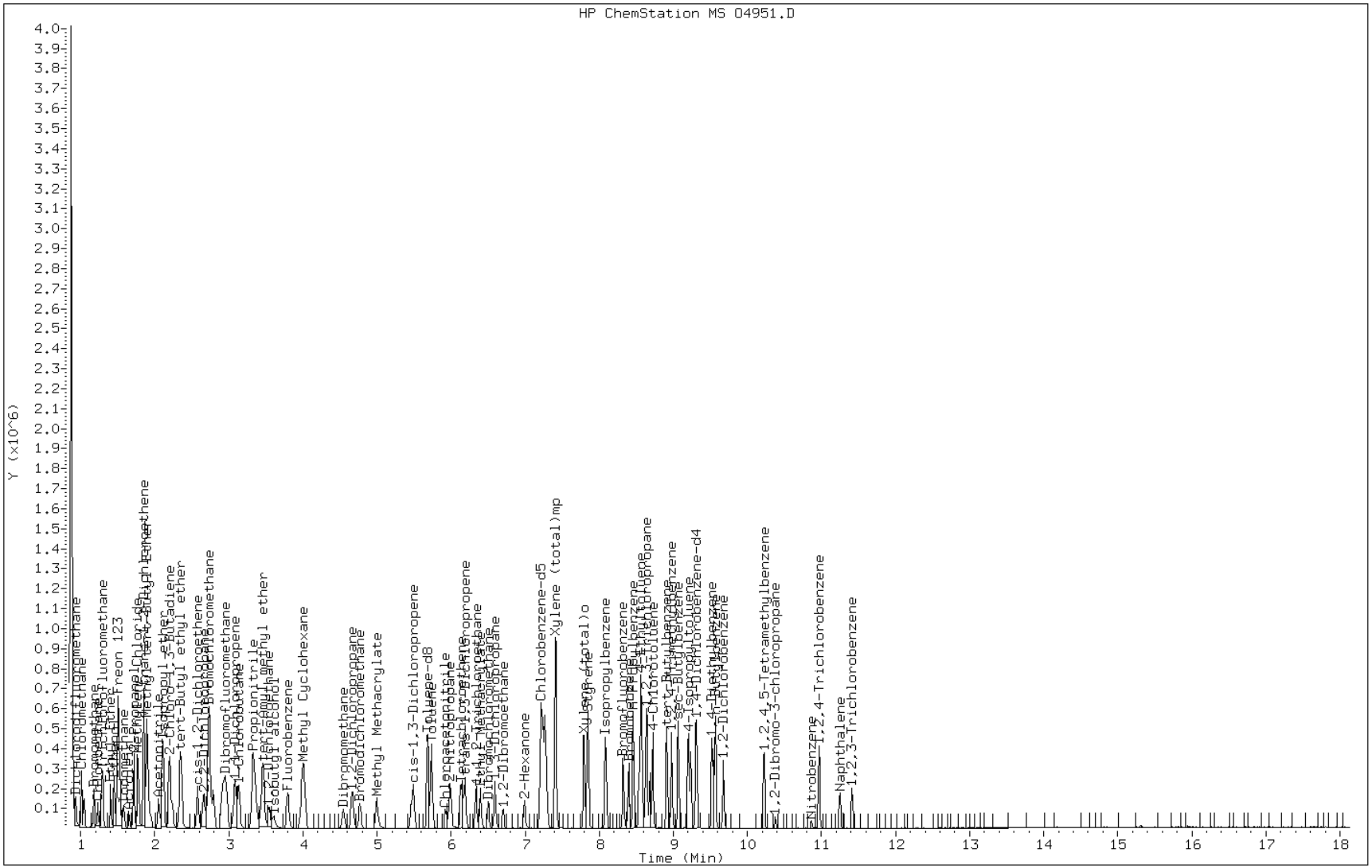
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: O4951.D

Date: 20-JUL-2011 11:04

Client ID: LCS-637159 Instrument: mso.i

Sample Info: LCS-637159 Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS | Lab Sample ID: 220-16030-6 MS

Matrix: Solid | Lab File ID: O4958.D

Analysis Method: 8260B | Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	62.4		25	2.8
71-43-2	Benzene	57.9		6.2	0.70
75-27-4	Bromodichloromethane	55.5		6.2	0.37
75-25-2	Bromoform	46.6		6.2	0.75
74-83-9	Bromomethane	64.8		6.2	2.6
78-93-3	Methyl Ethyl Ketone	61.1		12	2.0
75-15-0	Carbon disulfide	51.2		6.2	0.50
56-23-5	Carbon tetrachloride	49.1		6.2	1.2
108-90-7	Chlorobenzene	51.3		6.2	0.73
75-00-3	Chloroethane	76.9		6.2	1.2
67-66-3	Chloroform	58.1		6.2	0.42
74-87-3	Chloromethane	61.2		6.2	0.96
124-48-1	Dibromochloromethane	48.3		6.2	0.43
75-34-3	1,1-Dichloroethane	64.2		6.2	0.37
107-06-2	1,2-Dichloroethane	65.7		6.2	0.71
75-35-4	1,1-Dichloroethene	54.1		6.2	0.71
78-87-5	1,2-Dichloropropane	62.7		6.2	0.82
10061-01-5	cis-1,3-Dichloropropene	58.8		6.2	0.69
10061-02-6	trans-1,3-Dichloropropene	58.4		6.2	0.33
100-41-4	Ethylbenzene	52.3		6.2	0.86
591-78-6	2-Hexanone	57.1		12	1.5
75-09-2	Methylene Chloride	57.8		25	1.3
108-10-1	methyl isobutyl ketone	57.9		6.2	0.68
100-42-5	Styrene	49.3		6.2	0.18
79-34-5	1,1,2,2-Tetrachloroethane	53.0		6.2	0.64
127-18-4	Tetrachloroethene	50.9		6.2	1.0
108-88-3	Toluene	52.6		6.2	0.091
71-55-6	1,1,1-Trichloroethane	57.6		6.2	0.65
79-00-5	1,1,2-Trichloroethane	57.9		6.2	0.46
79-01-6	Trichloroethene	56.3		6.2	1.0
75-01-4	Vinyl chloride	60.3		6.2	0.28
1330-20-7	Xylenes, Total	158		6.2	0.60
156-59-2	cis-1,2-Dichloroethene	55.3		6.2	0.46
156-60-5	trans-1,2-Dichloroethene	55.3		6.2	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS Lab Sample ID: 220-16030-6 MS

Matrix: Solid Lab File ID: O4958.D

Analysis Method: 8260B Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 15:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		59-132
460-00-4	4-Bromofluorobenzene	73		34-124
1868-53-7	Dibromofluoromethane	77		59-123
2037-26-5	Toluene-d8 (Surr)	71		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4958.D
Lab Smp Id: 220-16030-A-6 MS
Inj Date : 20-JUL-2011 15:05 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-6 MS
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 36
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
* 1	Fluorobenzene	96	3.793	3.797	(1.000)	184103	25.0000	
2	Dichlorodifluoromethane	85	0.930	0.934	(0.245)	139347	39.2033	39
3	Chloromethane	50	1.009	1.013	(0.266)	324555	49.6877	50
4	Vinyl Chloride	62	1.048	1.042	(0.276)	246209	48.9796	49
5	Bromomethane	94	1.176	1.170	(0.310)	122203	52.6411	53
6	Chloroethane	64	1.225	1.219	(0.323)	137065	62.4899	62
7	Trichlorofluoromethane	101	1.284	1.278	(0.339)	246943	51.0224	51
8	Dichlorofluoromethane	67	1.294	1.298	(0.341)	372986	53.8315	54
9	Ethyl Ether	45	1.402	1.396	(0.370)	140597	53.8363	54
10	Ethanol	45	1.451	1.445	(0.383)	137407	667.010	670
12	Freon 123	67	1.501	1.505	(0.396)	56324	45.1919	45
13	Trichlorotrifluoroethane	101	1.510	1.505	(0.398)	168521	46.2817	46
14	1,1-Dichloroethene	96	1.501	1.505	(0.396)	132445	43.9309	44
15	Carbon Disulfide	76	1.530	1.524	(0.403)	598480	41.5868	42
16	Iodomethane	142	1.579	1.573	(0.416)	213017	42.0295	42
17	Acrolein	56	1.648	1.652	(0.435)	105088	129.367	130(R)
18	2-Propanol	45	1.707	1.711	(0.450)	50630	49.3903	49
19	3-Chloro-1-Propene	41	1.717	1.711	(0.453)	429017	51.8498	52
20	Methylene Chloride	84	1.766	1.770	(0.466)	223019	46.9759	47
21	Acetone	43	1.786	1.790	(0.471)	146278	50.6633	51
22	trans-1,2-Dichloroethene	96	1.855	1.859	(0.489)	168969	44.9429	45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	1.845	1.849	(0.486)	1280450	55.5794	56
	24 Methyl tert-Butyl Ether	73	1.894	1.898	(0.499)	533033	47.4782	47
	25 tert-Butyl alcohol	59	1.934	1.937	(0.510)	171343	239.568	240
	26 Acetonitrile	41	2.042	2.046	(0.538)	342078	488.785	490
	27 Isopropyl ether	45	2.101	2.105	(0.554)	941986	52.3407	52
	28 tert-Butyl ethyl ether	59	2.337	2.341	(0.616)	717200	50.4775	50
	29 2-Chloro-1,3-Butadiene	88	2.189	2.193	(0.577)	159934	42.3230	42
	30 Acrylonitrile	53	2.229	2.233	(0.588)	212010	102.073	100
	31 1,1-Dichloroethane	63	2.199	2.203	(0.580)	398441	52.1234	52
	32 Vinyl Acetate	43	2.357	2.351	(0.621)	477084	37.3613	37
	33 cis-1,2-Dichloroethene	96	2.573	2.577	(0.678)	192211	44.8769	45
	34 2,2-Dichloropropane	77	2.652	2.656	(0.699)	292101	47.2252	47
	35 Bromochloromethane	128	2.730	2.734	(0.720)	92018	44.7822	45
	37 Cyclohexane	84	2.740	2.744	(0.722)	278477	44.7020	45(R)
	38 Chloroform	83	2.789	2.793	(0.735)	347734	47.1809	47
	39 Ethyl Acetate	43	2.888	2.892	(0.761)	28889	79.4860	79
	40 Methyl Acrylate	55	2.888	2.892	(0.761)	216233	49.4595	49
$	41 Dibromofluoromethane	111	2.947	2.951	(0.777)	79740	19.2876	19
	42 Tetrahydrofuran	42	2.917	2.921	(0.769)	190990	98.6263	99
	43 Carbon Tetrachloride	117	2.908	2.911	(0.767)	198245	39.9091	40(R)
	44 1,1,1-Trichloroethane	97	2.967	2.971	(0.782)	245422	46.7406	47
	45 2-Butanone	43	3.055	3.059	(0.805)	171614	49.6077	50
	46 1,1-Dichloropropene	75	3.075	3.079	(0.811)	279507	48.1713	48
	47 tert-Amyl methyl ether	73	3.449	3.453	(0.909)	572335	48.4757	48
	49 1-Chlorobutane	56	3.124	3.128	(0.824)	454096	50.6697	51
	51 Propionitrile	54	3.340	3.344	(0.881)	344378	485.564	480
	52 Benzene	78	3.321	3.325	(0.876)	742765	47.0251	47
	53 2-Methyl-2-Propenenitrile	41	3.360	3.364	(0.886)	183635	51.9372	52
	54 Isobutyl alcohol	42	3.586	3.590	(0.946)	90698	208.489	210
$	55 1,2-Dichloroethane-d4	65	3.459	3.462	(0.912)	96432	21.3870	21
	56 1,2-Dichloroethane	62	3.537	3.541	(0.933)	271312	53.3530	53
	59 Methyl Cyclohexane	83	3.990	3.994	(1.052)	316032	44.9618	45
	60 Trichloroethene	130	4.010	4.013	(1.057)	163772	45.7618	46
	63 Dibromomethane	93	4.541	4.545	(1.197)	129152	46.2561	46
	64 1,2-Dichloropropane	63	4.659	4.663	(1.228)	233995	50.9173	51
	65 Bromodichloromethane	83	4.767	4.771	(1.257)	251449	45.1110	45
	66 Methyl Methacrylate	69	4.984	4.988	(1.314)	162985	46.8867	47(R)
	67 1,4-Dioxane	58	5.003	5.007	(1.319)	19809	413.641	410
	69 2-Chloroethylvinylether	63	5.456	5.460	(1.438)	133888	50.1595	50
	70 cis-1,3-Dichloropropene	75	5.485	5.489	(1.446)	324552	47.7702	48
	71 Chloroacetonitrile	48	5.918	5.922	(1.560)	110318	480.479	480(R)
	72 2-Nitropropane	41	5.967	5.971	(1.573)	129896	107.034	110
	73 trans-1,3-Dichloropropene	75	6.184	6.188	(1.630)	282499	47.3977	47
	74 1,1,2-Trichloroethane	97	6.332	6.335	(1.669)	154668	47.0230	47
*	75 Chlorobenzene-d5	117	7.207	7.201	(1.000)	136818	25.0000	
	76 Toluene	91	5.731	5.735	(0.795)	697075	42.7402	43
$	77 Toluene-d8	98	5.682	5.686	(0.788)	250842	17.6324	18
	78 1,1-Dichloro-2-propanone	43	5.987	5.991	(0.831)	783383	238.151	240
	79 4-Methyl-2-Pentanone	43	6.154	6.158	(0.854)	305981	47.0310	47
	80 Tetrachloroethene	164	6.125	6.129	(0.850)	119972	41.3517	41
	81 Ethyl Methacrylate	69	6.391	6.394	(0.887)	248800	43.4591	43
	82 Dibromochloromethane	129	6.499	6.503	(0.902)	168865	39.2557	39
	83 1,3-Dichloropropane	76	6.587	6.591	(0.914)	310704	44.6286	45
	84 1,2-Dibromoethane	107	6.696	6.700	(0.929)	167168	40.9498	41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
86	2-Hexanone	43	6.991	6.985	(0.970)	230580	46.3865	46
87	1-Chlorohexane	91	7.247	7.250	(1.005)	301735	40.6172	41(M)
88	Chlorobenzene	112	7.217	7.221	(1.001)	425660	41.7013	42
89	1,1,1,2-Tetrachloroethane	131	7.286	7.290	(1.011)	145010	40.7449	41
90	Ethylbenzene	106	7.266	7.270	(1.008)	224686	42.4992	42
91	Xylene (total)mp	106	7.404	7.408	(1.027)	567039	85.2214	85
92	Xylene (total)o	106	7.788	7.792	(1.081)	274583	42.8486	43
93	Styrene	104	7.847	7.841	(1.089)	428514	40.0759	40
94	Bromoform	173	7.847	7.851	(1.089)	103853	37.8130	38
* 95	1,4-Dichlorobenzene-d4	152	9.303	9.307	(1.000)	64309	25.0000	
96	Isopropylbenzene	105	8.083	8.087	(0.869)	648326	42.5389	42
97	Bromobenzene	156	8.398	8.402	(0.903)	162169	40.5865	40
98	1,1,2,2-Tetrachloroethane	83	8.535	8.530	(0.918)	251480	43.0641	43
99	4-Ethyltoluene	105	8.555	8.559	(0.920)	697155	43.5697	44
100	1,2,3-Trichloropropane	110	8.624	8.628	(0.927)	56508	42.7384	43
101	trans-1,4-Dichloro-2-Butene	53	8.683	8.677	(0.933)	135474	91.0837	91
102	n-Propylbenzene	91	8.457	8.451	(0.909)	940137	44.1560	44
103	2-Chlorotoluene	91	8.575	8.569	(0.922)	615002	44.2546	44
104	4-Chlorotoluene	91	8.722	8.726	(0.938)	538716	42.3180	42
105	1,3,5-Trimethylbenzene	105	8.644	8.638	(0.929)	567114	42.2211	42
106	tert-Butylbenzene	119	8.909	8.913	(0.958)	461161	41.8341	42
107	1,2,4-Trimethylbenzene	105	8.978	8.972	(0.965)	567740	42.2565	42
108	sec-Butylbenzene	105	9.067	9.061	(0.975)	781531	42.7859	43
109	4-Isopropyltoluene	119	9.205	9.199	(0.989)	581063	41.9744	42
110	1,3-Dichlorobenzene	146	9.234	9.238	(0.993)	288654	40.7820	41
111	1,4-Dichlorobenzene	146	9.313	9.317	(1.001)	294111	41.5158	42
112	1,2-Dichlorobenzene	146	9.677	9.671	(1.040)	278130	41.8707	42
113	Benzyl Chloride	126	9.539	9.543	(1.025)	61823	38.9040	39
114	1,4-Diethylbenzene	119	9.519	9.523	(1.023)	286112	42.4977	42
115	n-Butylbenzene	91	9.569	9.572	(1.029)	750734	45.4729	45
118	1,2,4,5-Tetramethylbenzene	119	10.228	10.222	(1.099)	481477	43.2311	43
119	1,2-Dibromo-3-chloropropane	75	10.375	10.379	(1.115)	34535	42.6158	43
120	Nitrobenzene	77	10.867	10.861	(1.168)	73232	281.095	280(R)
121	1,2,4-Trichlorobenzene	180	10.976	10.970	(1.180)	159841	44.4582	44
122	Hexachlorobutadiene	225	10.966	10.970	(1.179)	88416	42.5561	42
123	Naphthalene	128	11.251	11.245	(1.209)	343453	43.0466	43
124	1,2,3-Trichlorobenzene	180	11.408	11.412	(1.226)	137742	43.1232	43
$ 125	Bromofluorobenzene	95	8.319	8.323	(0.894)	97890	18.2377	18
M 126	1,2-Dichloroethene (total)	100				361180	89.8198	90
M 127	Xylene (total)	100				841622	128.070	130

QC Flag Legend

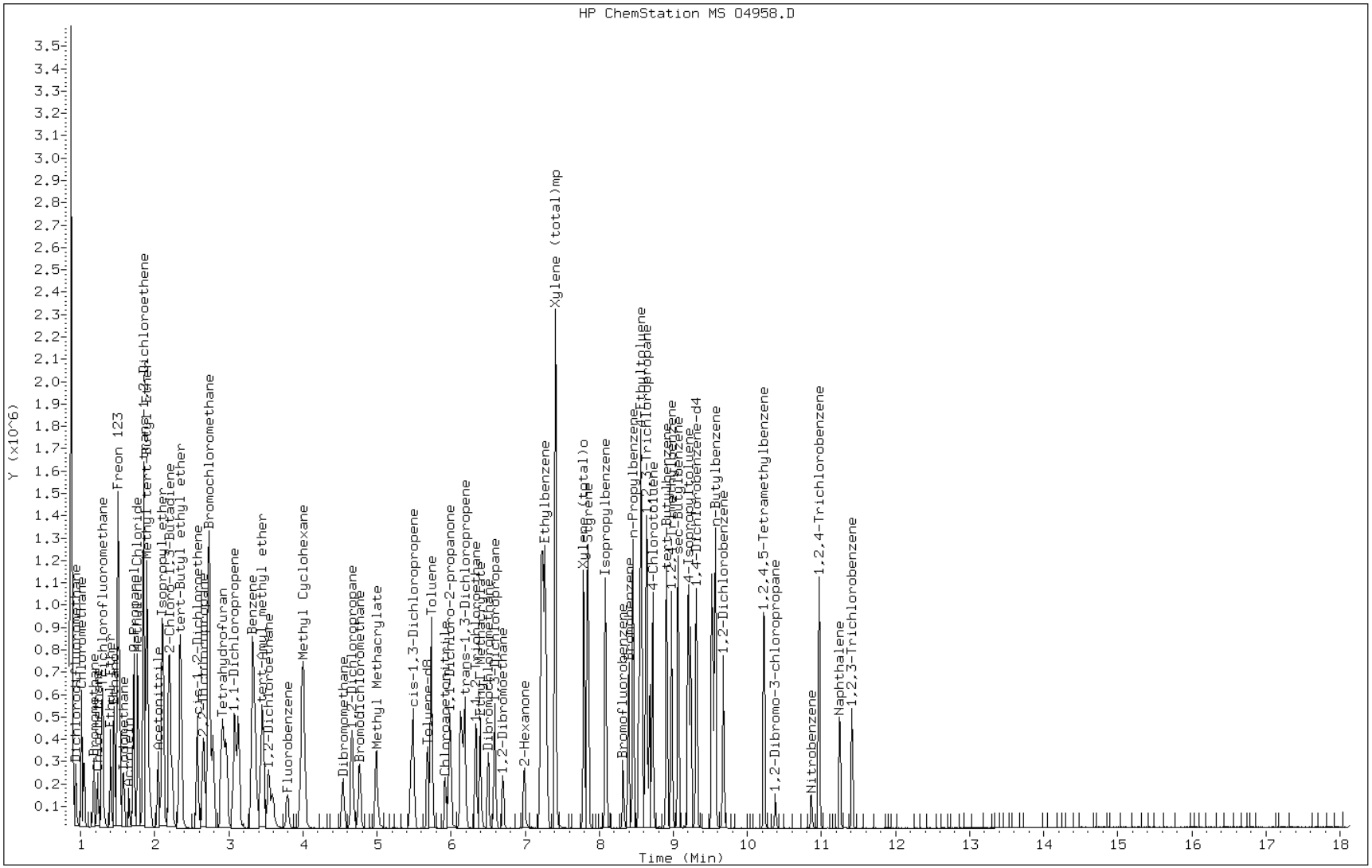
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: O4958.D

Date: 20-JUL-2011 15:05

Client ID: Instrument: mso.i

Sample Info: 220-16030-A-6 MS Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: O4959.D

Analysis Method: 8260B | Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	65.9		25	2.8
71-43-2	Benzene	58.9		6.2	0.70
75-27-4	Bromodichloromethane	53.9		6.2	0.37
75-25-2	Bromoform	48.2		6.2	0.75
74-83-9	Bromomethane	64.1		6.2	2.6
78-93-3	Methyl Ethyl Ketone	59.2		12	2.0
75-15-0	Carbon disulfide	52.0		6.2	0.50
56-23-5	Carbon tetrachloride	57.0		6.2	1.2
108-90-7	Chlorobenzene	52.3		6.2	0.73
75-00-3	Chloroethane	80.6		6.2	1.2
67-66-3	Chloroform	59.6		6.2	0.42
74-87-3	Chloromethane	61.3		6.2	0.96
124-48-1	Dibromochloromethane	48.9		6.2	0.43
75-34-3	1,1-Dichloroethane	63.3		6.2	0.37
107-06-2	1,2-Dichloroethane	63.0		6.2	0.71
75-35-4	1,1-Dichloroethene	57.0		6.2	0.71
78-87-5	1,2-Dichloropropane	62.8		6.2	0.82
10061-01-5	cis-1,3-Dichloropropene	57.4		6.2	0.69
10061-02-6	trans-1,3-Dichloropropene	58.2		6.2	0.33
100-41-4	Ethylbenzene	51.8		6.2	0.86
591-78-6	2-Hexanone	59.3		12	1.5
75-09-2	Methylene Chloride	57.3		25	1.3
108-10-1	methyl isobutyl ketone	59.6		6.2	0.68
100-42-5	Styrene	50.3		6.2	0.18
79-34-5	1,1,2,2-Tetrachloroethane	55.1		6.2	0.64
127-18-4	Tetrachloroethene	52.3		6.2	1.0
108-88-3	Toluene	53.7		6.2	0.091
71-55-6	1,1,1-Trichloroethane	58.3		6.2	0.65
79-00-5	1,1,2-Trichloroethane	56.6		6.2	0.46
79-01-6	Trichloroethene	57.0		6.2	1.0
75-01-4	Vinyl chloride	62.1		6.2	0.28
1330-20-7	Xylenes, Total	158		6.2	0.60
156-59-2	cis-1,2-Dichloroethene	58.2		6.2	0.46
156-60-5	trans-1,2-Dichloroethene	57.0		6.2	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD Lab Sample ID: 220-16030-6 MSD

Matrix: Solid Lab File ID: O4959.D

Analysis Method: 8260B Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 15:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		59-132
460-00-4	4-Bromofluorobenzene	76		34-124
1868-53-7	Dibromofluoromethane	82		59-123
2037-26-5	Toluene-d8 (Surr)	75		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4959.D
Lab Smp Id: 220-16030-A-6 MSD
Inj Date : 20-JUL-2011 15:31 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-6 MSD
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
* 1 Fluorobenzene	96	3.793	3.797	(1.000)	189523	25.0000	
2 Dichlorodifluoromethane	85	0.930	0.934	(0.245)	146396	40.0085	40
3 Chloromethane	50	1.009	1.013	(0.266)	334855	49.7985	50
4 Vinyl Chloride	62	1.039	1.042	(0.274)	261070	50.4507	50
5 Bromomethane	94	1.176	1.170	(0.310)	124384	52.0483	52
6 Chloroethane	64	1.225	1.219	(0.323)	147711	65.4177	65
7 Trichlorofluoromethane	101	1.285	1.278	(0.339)	259419	52.0673	52
8 Dichlorofluoromethane	67	1.294	1.298	(0.341)	388356	54.4468	54
9 Ethyl Ether	45	1.403	1.396	(0.370)	144307	53.6767	54
10 Ethanol	45	1.452	1.445	(0.383)	137864	650.089	650
12 Freon 123	67	1.501	1.505	(0.396)	61277	47.7599	48
13 Trichlorotrifluoroethane	101	1.511	1.505	(0.398)	177759	47.4227	47
14 1,1-Dichloroethene	96	1.501	1.505	(0.396)	143637	46.2807	46
15 Carbon Disulfide	76	1.530	1.524	(0.404)	625876	42.2467	42
16 Iodomethane	142	1.570	1.573	(0.414)	232183	44.5009	44
17 Acrolein	56	1.649	1.652	(0.435)	111664	133.531	130(R)
18 2-Propanol	45	1.708	1.711	(0.450)	55512	52.6041	53
19 3-Chloro-1-Propene	41	1.717	1.711	(0.453)	431902	50.7057	51
20 Methylene Chloride	84	1.767	1.770	(0.466)	227235	46.4952	46
21 Acetone	43	1.786	1.790	(0.471)	159114	53.5331	54
22 trans-1,2-Dichloroethene	96	1.855	1.859	(0.489)	179081	46.2703	46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	1.845	1.849	(0.487)	1351172	56.9719	57
	24 Methyl tert-Butyl Ether	73	1.895	1.898	(0.499)	551701	47.7357	48
	25 tert-Butyl alcohol	59	1.934	1.937	(0.510)	184443	250.509	250
	26 Acetonitrile	41	2.042	2.046	(0.538)	376933	523.185	520
	27 Isopropyl ether	45	2.101	2.105	(0.554)	957415	51.6766	52
	28 tert-Butyl ethyl ether	59	2.337	2.341	(0.616)	727759	49.7558	50
	29 2-Chloro-1,3-Butadiene	88	2.190	2.193	(0.577)	169232	43.5028	44
	30 Acrylonitrile	53	2.229	2.233	(0.588)	220400	103.078	100
	31 1,1-Dichloroethane	63	2.200	2.203	(0.580)	404468	51.3987	51
	32 Vinyl Acetate	43	2.357	2.351	(0.621)	498800	37.9448	38
	33 cis-1,2-Dichloroethene	96	2.573	2.577	(0.678)	208560	47.3014	47
	34 2,2-Dichloropropane	77	2.652	2.656	(0.699)	301802	47.3982	47
	35 Bromochloromethane	128	2.731	2.734	(0.720)	94699	44.7689	45
	37 Cyclohexane	84	2.741	2.744	(0.723)	295039	46.0061	46
	38 Chloroform	83	2.790	2.793	(0.735)	367170	48.3933	48
	39 Ethyl Acetate	43	2.888	2.892	(0.761)	31027	82.9272	83
	40 Methyl Acrylate	55	2.888	2.892	(0.761)	226043	50.2248	50
$	41 Dibromofluoromethane	111	2.947	2.951	(0.777)	87127	20.4716	20
	42 Tetrahydrofuran	42	2.918	2.921	(0.769)	202898	101.779	100
	43 Carbon Tetrachloride	117	2.908	2.911	(0.767)	236774	46.3024	46
	44 1,1,1-Trichloroethane	97	2.967	2.971	(0.782)	255959	47.3533	47
	45 2-Butanone	43	3.056	3.059	(0.805)	171093	48.0427	48
	46 1,1-Dichloropropene	75	3.075	3.079	(0.811)	287979	48.2120	48
	47 tert-Amyl methyl ether	73	3.449	3.453	(0.909)	576046	47.3947	47
	49 1-Chlorobutane	56	3.124	3.128	(0.824)	470251	50.9717	51
	51 Propionitrile	54	3.341	3.344	(0.881)	367817	503.781	500
	52 Benzene	78	3.321	3.325	(0.876)	777656	47.8260	48
	53 2-Methyl-2-Propenenitrile	41	3.361	3.364	(0.886)	192704	52.9435	53
	54 Isobutyl alcohol	42	3.587	3.590	(0.946)	102974	229.938	230
$	55 1,2-Dichloroethane-d4	65	3.459	3.462	(0.912)	101153	21.7924	22
	56 1,2-Dichloroethane	62	3.538	3.541	(0.933)	267829	51.1619	51
	59 Methyl Cyclohexane	83	3.990	3.994	(1.052)	336585	46.5164	46
	60 Trichloroethene	130	4.010	4.013	(1.057)	170617	46.3110	46
	63 Dibromomethane	93	4.541	4.545	(1.197)	132842	46.2171	46
	64 1,2-Dichloropropane	63	4.659	4.663	(1.228)	241306	51.0065	51
	65 Bromodichloromethane	83	4.758	4.771	(1.254)	251067	43.7544	44
	66 Methyl Methacrylate	69	4.984	4.988	(1.314)	168416	47.0635	47(R)
	67 1,4-Dioxane	58	5.013	5.007	(1.322)	21750	441.184	440
	69 2-Chloroethylvinylether	63	5.446	5.460	(1.436)	139001	50.5858	50
	70 cis-1,3-Dichloropropene	75	5.486	5.489	(1.446)	326016	46.6134	47
	71 Chloroacetonitrile	48	5.909	5.922	(1.558)	116945	494.776	490(R)
	72 2-Nitropropane	41	5.968	5.971	(1.573)	136534	109.287	110
	73 trans-1,3-Dichloropropene	75	6.184	6.188	(1.630)	289931	47.2535	47
	74 1,1,2-Trichloroethane	97	6.332	6.335	(1.669)	155521	45.9301	46
*	75 Chlorobenzene-d5	117	7.198	7.201	(1.000)	139706	25.0000	
	76 Toluene	91	5.732	5.735	(0.796)	726769	43.6397	44
$	77 Toluene-d8	98	5.683	5.686	(0.790)	272798	18.7794	19
	78 1,1-Dichloro-2-propanone	43	5.988	5.991	(0.832)	850375	253.173	250
	79 4-Methyl-2-Pentanone	43	6.155	6.158	(0.855)	321327	48.3687	48
	80 Tetrachloroethene	164	6.125	6.129	(0.851)	125826	42.4730	42
	81 Ethyl Methacrylate	69	6.391	6.394	(0.888)	258273	44.1812	44
	82 Dibromochloromethane	129	6.499	6.503	(0.903)	174577	39.7447	40
	83 1,3-Dichloropropane	76	6.588	6.591	(0.915)	320515	45.0862	45
	84 1,2-Dibromoethane	107	6.696	6.700	(0.930)	174287	41.8111	42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	86 2-Hexanone	43	6.981	6.985	(0.970)	244447	48.1596	48
	87 1-Chlorohexane	91	7.247	7.250	(1.007)	382920	50.4801	50(M)
	88 Chlorobenzene	112	7.217	7.221	(1.003)	442977	42.5007	42
	89 1,1,1,2-Tetrachloroethane	131	7.286	7.290	(1.012)	153243	42.1681	42
	90 Ethylbenzene	106	7.267	7.270	(1.010)	227230	42.0919	42
	91 Xylene (total)mp	106	7.404	7.408	(1.029)	581424	85.5770	86
	92 Xylene (total)o	106	7.788	7.792	(1.082)	280547	42.8743	43
	93 Styrene	104	7.837	7.841	(1.089)	445752	40.8263	41
	94 Bromoform	173	7.847	7.851	(1.090)	109875	39.1786	39
*	95 1,4-Dichlorobenzene-d4	152	9.303	9.307	(1.000)	64678	25.0000	
	96 Isopropylbenzene	105	8.083	8.087	(0.869)	664665	43.3622	43
	97 Bromobenzene	156	8.398	8.402	(0.903)	165462	41.1744	41
	98 1,1,2,2-Tetrachloroethane	83	8.526	8.530	(0.916)	262651	44.7204	45
	99 4-Ethyltoluene	105	8.556	8.559	(0.920)	704005	43.7467	44
	100 1,2,3-Trichloropropane	110	8.624	8.628	(0.927)	59131	44.4671	44
	101 trans-1,4-Dichloro-2-Butene	53	8.674	8.677	(0.932)	136574	91.2994	91
	102 n-Propylbenzene	91	8.447	8.451	(0.908)	949683	44.3499	44
	103 2-Chlorotoluene	91	8.565	8.569	(0.921)	625706	44.7680	45
	104 4-Chlorotoluene	91	8.713	8.726	(0.937)	577065	45.0718	45
	105 1,3,5-Trimethylbenzene	105	8.634	8.638	(0.928)	584385	43.2587	43
	106 tert-Butylbenzene	119	8.900	8.913	(0.957)	475723	42.9089	43
	107 1,2,4-Trimethylbenzene	105	8.969	8.972	(0.964)	578657	42.8233	43
	108 sec-Butylbenzene	105	9.057	9.061	(0.974)	812644	44.2354	44
	109 4-Isopropyltoluene	119	9.195	9.199	(0.988)	586734	42.1423	42
	110 1,3-Dichlorobenzene	146	9.234	9.238	(0.993)	295343	41.4890	41
	111 1,4-Dichlorobenzene	146	9.313	9.317	(1.001)	300633	42.1943	42
	112 1,2-Dichlorobenzene	146	9.667	9.671	(1.039)	281241	42.0975	42
	113 Benzyl Chloride	126	9.539	9.543	(1.025)	62792	39.2883	39
	114 1,4-Diethylbenzene	119	9.520	9.523	(1.023)	289248	42.7184	43
	115 n-Butylbenzene	91	9.559	9.572	(1.027)	719460	43.3300	43
	118 1,2,4,5-Tetramethylbenzene	119	10.218	10.222	(1.098)	489129	43.6676	44
	119 1,2-Dibromo-3-chloropropane	75	10.366	10.379	(1.114)	39336	48.2633	48
	120 Nitrobenzene	77	10.858	10.861	(1.167)	85932	327.961	330(R)
	121 1,2,4-Trichlorobenzene	180	10.966	10.970	(1.179)	160870	44.4891	44
	122 Hexachlorobutadiene	225	10.956	10.970	(1.178)	92523	44.2788	44
	123 Naphthalene	128	11.242	11.245	(1.208)	356393	44.4135	44
	124 1,2,3-Trichlorobenzene	180	11.409	11.412	(1.226)	141255	43.9707	44
$	125 Bromofluorobenzene	95	8.319	8.323	(0.894)	102768	19.0373	19
M	126 1,2-Dichloroethene (total)	100				387641	93.5718	94
M	127 Xylene (total)	100				861971	128.451	130

QC Flag Legend

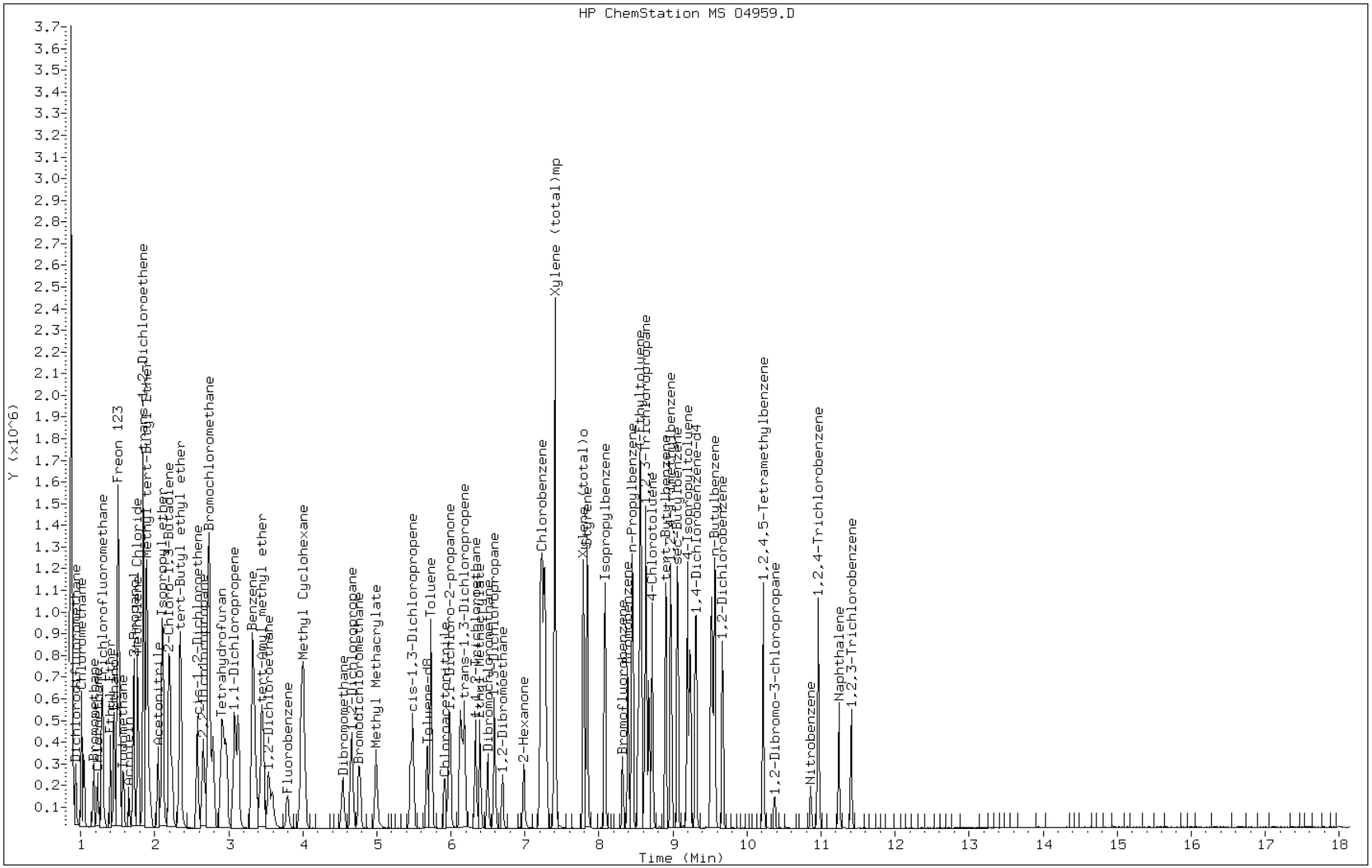
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: O4959.D

Date: 20-JUL-2011 15:31

Client ID: Instrument: mso.i

Sample Info: 220-16030-A-6 MSD Operator: D. HUMBERT



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSN Start Date: 07/13/2011 16:46

Analysis Batch Number: 52848 End Date: 07/13/2011 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-52848/8		07/13/2011 16:46	1	NB907.D	RTX-VMS 0.18(mm)
IC 220-52848/1		07/13/2011 17:15	1	N3724.D	RTX-VMS 0.18(mm)
IC 220-52848/2		07/13/2011 17:41	1	N3725.D	RTX-VMS 0.18(mm)
IC 220-52848/3		07/13/2011 18:21	1	N3726.D	RTX-VMS 0.18(mm)
IC 220-52848/4		07/13/2011 18:46	1	N3727.D	RTX-VMS 0.18(mm)
IC 220-52848/5		07/13/2011 19:11	1	N3728.D	RTX-VMS 0.18(mm)
IC 220-52848/6		07/13/2011 19:37	1	N3729.D	RTX-VMS 0.18(mm)
ICV 220-52848/7		07/13/2011 20:28	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSN Start Date: 07/19/2011 09:45

Analysis Batch Number: 53087 End Date: 07/19/2011 21:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-53087/12		07/19/2011 09:45	1	NB913.D	RTX-VMS 0.18(mm)
CCVIS 220-53087/1		07/19/2011 10:15	1	N3857.D	RTX-VMS 0.18(mm)
LCS 220-53087/2		07/19/2011 11:19	1	N3858.D	RTX-VMS 0.18(mm)
MB 220-53087/3		07/19/2011 12:08	1	N3859.D	RTX-VMS 0.18(mm)
220-16030-1	SB142B_2-3	07/19/2011 18:40	1	N3873.D	RTX-VMS 0.18(mm)
220-16030-2	SB142B_3-4	07/19/2011 19:06	1	N3874.D	RTX-VMS 0.18(mm)
220-16030-3	SB142B_22-22.5	07/19/2011 19:32	1	N3875.D	RTX-VMS 0.18(mm)
220-16030-4	SB-143 3-4	07/19/2011 19:57	1	N3876.D	RTX-VMS 0.18(mm)
220-16030-5	SB-143 32-33	07/19/2011 20:23	1	N3877.D	RTX-VMS 0.18(mm)
ZZZZZ		07/19/2011 20:49	1		RTX-VMS 0.18(mm)
ZZZZZ		07/19/2011 21:15	1		RTX-VMS 0.18(mm)
ZZZZZ		07/19/2011 21:41	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSO Start Date: 06/23/2011 10:41

Analysis Batch Number: 52207 End Date: 06/23/2011 17:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-52207/7		06/23/2011 10:41	1	OB028.D	RTX-VMS 0.18(mm)
IC 220-52207/1		06/23/2011 13:41	1	O4512.D	RTX-VMS 0.18(mm)
IC 220-52207/2		06/23/2011 14:06	1	O4513.D	RTX-VMS 0.18(mm)
IC 220-52207/3		06/23/2011 14:32	1	O4514.D	RTX-VMS 0.18(mm)
IC 220-52207/4		06/23/2011 14:57	1	O4515.D	RTX-VMS 0.18(mm)
IC 220-52207/5		06/23/2011 15:22	1	O4516.D	RTX-VMS 0.18(mm)
IC 220-52207/6		06/23/2011 17:14	1	O4519.D	RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSO Start Date: 07/20/2011 09:49

Analysis Batch Number: 53146 End Date: 07/20/2011 21:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-53146/18		07/20/2011 09:49	1	OB047.D	RTX-VMS 0.18(mm)
CCVIS 220-53146/1		07/20/2011 10:17	1	O4950.D	RTX-VMS 0.18(mm)
LCS 220-53146/2		07/20/2011 11:04	1	O4951.D	RTX-VMS 0.18(mm)
MB 220-53146/3		07/20/2011 11:46	1	O4952.D	RTX-VMS 0.18(mm)
220-16030-6	SB-143 39-40	07/20/2011 13:06	1	O4954.D	RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:31	1		RTX-VMS 0.18(mm)
220-16030-7	DUP071411	07/20/2011 13:57	1	O4956.D	RTX-VMS 0.18(mm)
220-16030-6 MS	SB-143 39-40 MS	07/20/2011 15:05	1	O4958.D	RTX-VMS 0.18(mm)
220-16030-6 MSD	SB-143 39-40 MSD	07/20/2011 15:31	1	O4959.D	RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 15:56	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 16:21	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 17:50	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:15	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:41	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 19:56	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 20:47	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 21:12	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 21:37	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSV Start Date: 07/13/2011 14:11

Analysis Batch Number: 52854 End Date: 07/13/2011 17:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-52854/8		07/13/2011 14:11	1	VB561.D	RTX-VMS 0.18(mm)
IC 220-52854/1		07/13/2011 14:31	1	V2191.D	RTX-VMS 0.18(mm)
IC 220-52854/2		07/13/2011 14:58	1	V2192.D	RTX-VMS 0.18(mm)
ICIS 220-52854/3		07/13/2011 15:25	1	V2193.D	RTX-VMS 0.18(mm)
IC 220-52854/4		07/13/2011 15:53	1	V2194.D	RTX-VMS 0.18(mm)
IC 220-52854/5		07/13/2011 16:20	1	V2195.D	RTX-VMS 0.18(mm)
IC 220-52854/6		07/13/2011 16:47	1	V2196.D	RTX-VMS 0.18(mm)
ICV 220-52854/7		07/13/2011 17:42	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSV Start Date: 07/20/2011 09:35

Analysis Batch Number: 53093 End Date: 07/20/2011 21:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-53093/8		07/20/2011 09:35	1	VB570.D	RTX-VMS 0.18(mm)
CCVIS 220-53093/1		07/20/2011 09:45	1	V2399.D	RTX-VMS 0.18(mm)
LCS 220-53093/2		07/20/2011 10:47	1	V2401.D	RTX-VMS 0.18(mm)
MB 220-53093/3		07/20/2011 11:42	1	V2403.D	RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 12:09	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 12:36	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:04	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:31	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:58	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 14:25	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 14:53	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 15:20	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 15:48	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 16:15	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 17:37	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:04	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:32	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:59	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 19:26	1		RTX-VMS 0.18(mm)
220-16030-8	FB-1	07/20/2011 20:21	1	V2422.D	RTX-VMS 0.18(mm)
220-16030-9	FB-2	07/20/2011 20:49	1	V2423.D	RTX-VMS 0.18(mm)
220-16030-10	Trip Blank	07/20/2011 21:17	1	V2424.D	RTX-VMS 0.18(mm)

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SB142B_2-3	220-16030-1	65	65	64	65	80	78
SB142B_3-4	220-16030-2	65	68	64	64	77	64
SB142B_22-22.5	220-16030-3	62	63	62	59	70	58
SB-143 3-4	220-16030-4	70	71	69	65	76	67
SB-143 32-33	220-16030-5	68	69	69	64	71	63
SB-143 39-40	220-16030-6	66	67	65	61	68	62
DUP071411	220-16030-7	65	66	66	60	64	59
	MB 220-53281/1-A	70	70	70	67	74	63
	LCS 220-53281/2-A	61	63	62	62	72	62
SB-143 39-40 MS	220-16030-6 MS	65	65	64	61	73	62
SB-143 39-40 MSD	220-16030-6 MSD	67	69	67	64	73	62

	QC LIMITS
2FP = 2-Fluorophenol	34-120
PHL = Phenol-d5	36-120
NBZ = Nitrobenzene-d5	38-120
FBP = 2-Fluorobiphenyl	41-120
TBP = 2,4,6-Tribromophenol	37-120
TPH = Terphenyl-d14	32-125

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXi-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
FB-1	220-16030-8	30	19	70	72	85	88
FB-2	220-16030-9	29	19	67	71	90	95
	MB 220-53137/1-A	29	19	67	71	89	94
	LCS 220-53137/2-A	37	24	82	89	118 E	111

	QC LIMITS
2FP = 2-Fluorophenol	13-120
PHL = Phenol-d5	10-120
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TBP = 2,4,6-Tribromophenol	36-120
TPH = Terphenyl-d14	10-120

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low Lab File ID: Z21859.D

Lab ID: LCS 220-53137/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	40.0	10.1	25	10-120	
Bis(2-chloroethyl)ether	40.0	30.5	76	46-120	
2-Chlorophenol	40.0	28.4	71	18-120	
1,3-Dichlorobenzene	40.0	27.4	69	33-120	
1,4-Dichlorobenzene	40.0	27.5	69	34-120	
Benzyl alcohol	40.0	26.3	66	31-120	
1,2-Dichlorobenzene	40.0	28.0	70	35-120	
2,2'-oxybis[1-chloropropane]	40.0	31.7	79	45-120	
2-Methylphenol	40.0	25.2	63	25-120	
Hexachloroethane	40.0	27.3	68	29-120	
N-Nitrosodi-n-propylamine	40.0	34.7	87	49-120	
4-Methylphenol	80.0	44.2	55	21-120	
Nitrobenzene	40.0	32.8	82	46-120	
Isophorone	40.0	36.2	90	47-120	
2-Nitrophenol	40.0	34.5	86	36-120	
2,4-Dimethylphenol	40.0	32.8	82	26-120	
Bis(2-chloroethoxy)methane	40.0	34.7	87	48-120	
2,4-Dichlorophenol	40.0	34.2	85	18-120	
1,2,4-Trichlorobenzene	40.0	30.1	75	37-120	
Naphthalene	40.0	32.1	80	42-120	
4-Chloroaniline	40.0	35.2	88	33-120	
Hexachlorobutadiene	40.0	29.4	74	30-120	
4-Chloro-3-methylphenol	40.0	37.6	94	32-120	
2-Methylnaphthalene	40.0	34.3	86	44-120	
Hexachlorocyclopentadiene	40.0	26.4	66	15-120	
2,4,6-Trichlorophenol	40.0	40.4	101	18-125	
2,4,5-Trichlorophenol	40.0	41.6	104	23-123	
2-Chloronaphthalene	40.0	36.1	90	46-120	
2-Nitroaniline	40.0	42.2	106	57-120	
Acenaphthylene	40.0	38.2	95	52-120	
Dimethyl phthalate	40.0	43.1	108	49-120	
2,6-Dinitrotoluene	40.0	44.9	112	63-120	
Acenaphthene	40.0	39.5	99	52-120	
3-Nitroaniline	40.0	42.2	106	54-120	
2,4-Dinitrophenol	40.0	38.1	95	17-128	
Dibenzofuran	40.0	40.4	101	56-120	
2,4-Dinitrotoluene	40.0	44.7	112	46-124	
4-Nitrophenol	40.0	14.0	35	12-120	
Fluorene	40.0	42.8	107	61-120	
4-Chlorophenyl phenyl ether	40.0	42.0	105	58-120	
Diethyl phthalate	40.0	45.3	113	57-120	
4-Nitroaniline	40.0	44.8	112	54-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low Lab File ID: Z21859.D

Lab ID: LCS 220-53137/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	40.0	42.9	107	50-120	
N-Nitrosodiphenylamine	40.0	43.8	110	62-120	
4-Bromophenyl phenyl ether	40.0	44.6	111	60-120	
Hexachlorobenzene	40.0	43.7	109	59-120	
Pentachlorophenol	40.0	43.2	108	50-120	
Phenanthrene	40.0	44.4	111	63-120	
Carbazole	40.0	45.4	114	62-120	
Anthracene	40.0	44.7	112	60-120	
Di-n-butyl phthalate	40.0	46.8	117	61-120	
Fluoranthene	40.0	46.3	116	56-120	
Pyrene	40.0	44.1	110	62-120	
Butyl benzyl phthalate	40.0	48.2	121	53-122	
3,3'-Dichlorobenzidine	40.0	36.9	92	39-120	
Benzo[a]anthracene	40.0	45.1	113	60-120	
Chrysene	40.0	45.1	113	59-120	
Bis(2-ethylhexyl) phthalate	40.0	51.8	130	57-120	*
Di-n-octyl phthalate	40.0	51.5	129	57-120	*
Benzo[b]fluoranthene	40.0	45.5	114	59-120	
Benzo[k]fluoranthene	40.0	47.5	119	58-120	
Benzo[a]pyrene	40.0	44.3	111	51-120	
Indeno[1,2,3-cd]pyrene	40.0	41.1	103	48-120	
Dibenz(a,h)anthracene	40.0	44.7	112	47-120	
Benzo[g,h,i]perylene	40.0	39.9	100	48-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24498.D

Lab ID: LCS 220-53281/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	2670	1650	62	51-120	
Bis(2-chloroethyl)ether	2670	1640	61	52-120	
2-Chlorophenol	2670	1650	62	54-120	
1,3-Dichlorobenzene	2670	1540	58	51-120	
1,4-Dichlorobenzene	2670	1540	58	51-120	
Benzyl alcohol	2670	1850	69	54-120	
1,2-Dichlorobenzene	2670	1550	58	52-120	
2,2'-oxybis[1-chloropropane]	2670	1700	64	51-120	
2-Methylphenol	2670	1730	65	53-120	
Hexachloroethane	2670	1560	59	52-120	
N-Nitrosodi-n-propylamine	2670	1740	65	54-120	
4-Methylphenol	5330	3490	65	54-120	
Nitrobenzene	2670	1630	61	54-120	
Isophorone	2670	1710	64	55-120	
2-Nitrophenol	2670	1700	64	56-120	
2,4-Dimethylphenol	2670	1710	64	49-120	
Bis(2-chloroethoxy)methane	2670	1650	62	56-120	
2,4-Dichlorophenol	2670	1710	64	54-120	
1,2,4-Trichlorobenzene	2670	1570	59	53-120	
Naphthalene	2670	1680	63	55-120	
4-Chloroaniline	2670	1230	46	15-120	
Hexachlorobutadiene	2670	1570	59	54-120	
4-Chloro-3-methylphenol	2670	1860	70	56-120	
2-Methylnaphthalene	2670	1680	63	56-120	
Hexachlorocyclopentadiene	2670	1510	57	50-120	
2,4,6-Trichlorophenol	2670	1810	68	56-120	
2,4,5-Trichlorophenol	2670	1840	69	56-120	
2-Chloronaphthalene	2670	1660	62	56-120	
2-Nitroaniline	2670	1900	71	57-120	
Acenaphthylene	2670	1780	67	57-120	
Dimethyl phthalate	2670	1820	68	56-120	
2,6-Dinitrotoluene	2670	1910	72	59-120	
Acenaphthene	2670	1720	64	57-120	
3-Nitroaniline	2670	1500	56	38-120	
2,4-Dinitrophenol	2670	2570	96	33-120	
Dibenzofuran	2670	1770	66	57-120	
2,4-Dinitrotoluene	2670	1940	73	57-120	
4-Nitrophenol	2670	2190	82	55-120	
Fluorene	2670	1790	67	58-120	
4-Chlorophenyl phenyl ether	2670	1760	66	56-120	
Diethyl phthalate	2670	1920	72	57-120	
4-Nitroaniline	2670	1950	73	53-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24498.D

Lab ID: LCS 220-53281/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	2670	2220	83	48-120	
N-Nitrosodiphenylamine	2670	1810	68	59-120	
4-Bromophenyl phenyl ether	2670	1780	67	57-120	
Hexachlorobenzene	2670	1760	66	56-120	
Pentachlorophenol	2670	2130	80	52-120	
Phenanthrene	2670	1830	69	58-120	
Carbazole	2670	1900	71	58-120	
Anthracene	2670	1870	70	58-120	
Di-n-butyl phthalate	2670	1930	72	58-120	
Fluoranthene	2670	1880	71	57-120	
Pyrene	2670	1690	63	54-121	
Butyl benzyl phthalate	2670	2050	77	54-120	
3,3'-Dichlorobenzidine	2670	1640	61	24-120	
Benzo[a]anthracene	2670	1870	70	58-120	
Chrysene	2670	1820	68	57-120	
Bis(2-ethylhexyl) phthalate	2670	2530	95	56-120	
Di-n-octyl phthalate	2670	2150	80	48-126	
Benzo[b]fluoranthene	2670	1670	63	54-120	
Benzo[k]fluoranthene	2670	1750	66	53-120	
Benzo[a]pyrene	2670	1810	68	44-120	
Indeno[1,2,3-cd]pyrene	2670	1810	68	37-120	
Dibenz(a,h)anthracene	2670	1840	69	39-120	
Benzo[g,h,i]perylene	2670	1540	58	37-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24508.D

Lab ID: 220-16030-6 MS Client ID: SB-143 39-40 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3180	330 U	2030	64	51-120	
Bis(2-chloroethyl)ether	3180	330 U	2000	63	52-120	
2-Chlorophenol	3180	330 U	2040	64	54-120	
1,3-Dichlorobenzene	3180	330 U	1850	58	51-120	
1,4-Dichlorobenzene	3180	330 U	1870	59	51-120	
Benzyl alcohol	3180	330 U	2290	72	54-120	
1,2-Dichlorobenzene	3180	330 U	1900	60	52-120	
2,2'-oxybis[1-chloropropane]	3180	330 U	2040	64	51-120	
2-Methylphenol	3180	330 U	2110	66	53-120	
Hexachloroethane	3180	330 U	1890	60	52-120	
N-Nitrosodi-n-propylamine	3180	330 U	2120	67	54-120	
4-Methylphenol	6360	330 U	4180	66	54-120	
Nitrobenzene	3180	330 U	2000	63	54-120	
Isophorone	3180	330 U	2060	65	55-120	
2-Nitrophenol	3180	330 U	2100	66	56-120	
2,4-Dimethylphenol	3180	330 U	2050	65	49-120	
Bis(2-chloroethoxy)methane	3180	330 U	2040	64	56-120	
2,4-Dichlorophenol	3180	330 U	2070	65	54-120	
1,2,4-Trichlorobenzene	3180	330 U	1940	61	53-120	
Naphthalene	3180	330 U	2030	64	55-120	
4-Chloroaniline	3180	330 U	1470	46	15-120	
Hexachlorobutadiene	3180	330 U	1920	60	54-120	
4-Chloro-3-methylphenol	3180	330 U	2230	70	56-120	
2-Methylnaphthalene	3180	330 U	2020	64	56-120	
Hexachlorocyclopentadiene	3180	810 U	1630	51	50-120	
2,4,6-Trichlorophenol	3180	330 U	2140	67	56-120	
2,4,5-Trichlorophenol	3180	2100 U	2250	71	56-120	
2-Chloronaphthalene	3180	330 U	1970	62	56-120	
2-Nitroaniline	3180	810 U	2270	72	57-120	
Acenaphthylene	3180	330 U	2110	66	57-120	
Dimethyl phthalate	3180	330 U	2170	68	56-120	
2,6-Dinitrotoluene	3180	330 U	2280	72	59-120	
Acenaphthene	3180	330 U	2040	64	57-120	
3-Nitroaniline	3180	810 U	1820	57	38-120	
2,4-Dinitrophenol	3180	2100 U	2840	89	33-120	
Dibenzofuran	3180	330 U	2110	66	57-120	
2,4-Dinitrotoluene	3180	330 U	2340	73	57-120	
4-Nitrophenol	3180	2100 U	2640	83	55-120	
Fluorene	3180	330 U	2120	67	58-120	
4-Chlorophenyl phenyl ether	3180	330 U	2100	66	56-120	
Diethyl phthalate	3180	330 U	2300	72	57-120	
4-Nitroaniline	3180	330 U	2250	71	53-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24508.D

Lab ID: 220-16030-6 MS Client ID: SB-143 39-40 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	3180	2100 U	2550	80	48-120	
N-Nitrosodiphenylamine	3180	330 U	2160	68	59-120	
4-Bromophenyl phenyl ether	3180	330 U	2130	67	57-120	
Hexachlorobenzene	3180	330 U	2100	66	56-120	
Pentachlorophenol	3180	810 U	2540	80	52-120	
Phenanthrene	3180	330 U	2110	67	58-120	
Carbazole	3180	330 U	2260	71	58-120	
Anthracene	3180	330 U	2170	68	58-120	
Di-n-butyl phthalate	3180	330 U	2290	72	58-120	
Fluoranthene	3180	330 U	2280	72	57-120	
Pyrene	3180	330 U	2040	64	54-121	
Butyl benzyl phthalate	3180	330 U	2430	76	54-120	
3,3'-Dichlorobenzidine	3180	400 U	1900	60	24-120	
Benzo[a]anthracene	3180	330 U	2220	70	58-120	
Chrysene	3180	330 U	2110	66	57-120	
Bis(2-ethylhexyl) phthalate	3180	38 J	2980	93	56-120	
Di-n-octyl phthalate	3180	330 U	2780	88	48-126	
Benzo[b]fluoranthene	3180	330 U	2050	64	54-120	
Benzo[k]fluoranthene	3180	330 U	2080	65	53-120	
Benzo[a]pyrene	3180	330 U	2120	67	44-120	
Indeno[1,2,3-cd]pyrene	3180	330 U	2130	67	37-120	
Dibenz(a,h)anthracene	3180	330 U	2190	69	39-120	
Benzo[g,h,i]perylene	3180	330 U	1870	59	37-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24509.D

Lab ID: 220-16030-6 MSD Client ID: SB-143 39-40 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3190	2180	68	7	35	51-120	
Bis(2-chloroethyl)ether	3190	2110	66	5	40	52-120	
2-Chlorophenol	3190	2190	69	7	50	54-120	
1,3-Dichlorobenzene	3190	1960	61	6	40	51-120	
1,4-Dichlorobenzene	3190	1970	62	5	27	51-120	
Benzyl alcohol	3190	2440	76	6	40	54-120	
1,2-Dichlorobenzene	3190	1990	62	4	40	52-120	
2,2'-oxybis[1-chloropropane]	3190	2140	67	5	40	51-120	
2-Methylphenol	3190	2220	70	5	40	53-120	
Hexachloroethane	3190	2000	63	6	40	52-120	
N-Nitrosodi-n-propylamine	3190	2230	70	5	38	54-120	
4-Methylphenol	6390	4440	69	6	40	54-120	
Nitrobenzene	3190	2110	66	6	40	54-120	
Isophorone	3190	2160	68	5	40	55-120	
2-Nitrophenol	3190	2220	69	5	40	56-120	
2,4-Dimethylphenol	3190	2130	67	4	40	49-120	
Bis(2-chloroethoxy)methane	3190	2140	67	5	40	56-120	
2,4-Dichlorophenol	3190	2180	68	5	40	54-120	
1,2,4-Trichlorobenzene	3190	2050	64	6	23	53-120	
Naphthalene	3190	2140	67	5	40	55-120	
4-Chloroaniline	3190	1460	46	1	40	15-120	
Hexachlorobutadiene	3190	2010	63	4	40	54-120	
4-Chloro-3-methylphenol	3190	2260	71	1	33	56-120	
2-Methylnaphthalene	3190	2120	67	5	40	56-120	
Hexachlorocyclopentadiene	3190	1670	52	3	40	50-120	
2,4,6-Trichlorophenol	3190	2170	68	1	40	56-120	
2,4,5-Trichlorophenol	3190	2270	71	1	40	56-120	
2-Chloronaphthalene	3190	2060	64	5	40	56-120	
2-Nitroaniline	3190	2280	71	0	40	57-120	
Acenaphthylene	3190	2130	67	1	19	57-120	
Dimethyl phthalate	3190	2180	68	1	40	56-120	
2,6-Dinitrotoluene	3190	2270	71	1	40	59-120	
Acenaphthene	3190	2100	66	3	40	57-120	
3-Nitroaniline	3190	1790	56	1	40	38-120	
2,4-Dinitrophenol	3190	2670	84	6	40	33-120	
Dibenzofuran	3190	2130	67	1	40	57-120	
2,4-Dinitrotoluene	3190	2350	74	1	40	57-120	
4-Nitrophenol	3190	2630	82	0	40	55-120	
Fluorene	3190	2140	67	1	40	58-120	
4-Chlorophenyl phenyl ether	3190	2130	67	1	40	56-120	
Diethyl phthalate	3190	2300	72	0	40	57-120	
4-Nitroaniline	3190	2270	71	1	40	53-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24509.D

Lab ID: 220-16030-6 MSD Client ID: SB-143 39-40 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	3190	2480	78	3	40	48-120	
N-Nitrosodiphenylamine	3190	2130	67	2	40	59-120	
4-Bromophenyl phenyl ether	3190	2110	66	1	40	57-120	
Hexachlorobenzene	3190	2070	65	1	40	56-120	
Pentachlorophenol	3190	2480	78	3	47	52-120	
Phenanthrene	3190	2130	67	1	40	58-120	
Carbazole	3190	2280	71	1	40	58-120	
Anthracene	3190	2210	69	2	40	58-120	
Di-n-butyl phthalate	3190	2270	71	1	40	58-120	
Fluoranthene	3190	2280	71	0	40	57-120	
Pyrene	3190	2030	64	0	36	54-121	
Butyl benzyl phthalate	3190	2460	77	1	40	54-120	
3,3'-Dichlorobenzidine	3190	1970	62	3	40	24-120	
Benzo[a]anthracene	3190	2270	71	2	40	58-120	
Chrysene	3190	2130	67	1	40	57-120	
Bis(2-ethylhexyl) phthalate	3190	3050	94	2	40	56-120	
Di-n-octyl phthalate	3190	2880	90	3	40	48-126	
Benzo[b]fluoranthene	3190	2140	67	4	40	54-120	
Benzo[k]fluoranthene	3190	2130	67	2	40	53-120	
Benzo[a]pyrene	3190	2170	68	3	40	44-120	
Indeno[1,2,3-cd]pyrene	3190	2160	68	2	40	37-120	
Dibenz(a,h)anthracene	3190	2260	71	3	40	39-120	
Benzo[g,h,i]perylene	3190	1920	60	3	40	37-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Z21858.D Lab Sample ID: MB 220-53137/1-A

Matrix: Water Date Extracted: 07/21/2011 14:28

Instrument ID: MSZ Date Analyzed: 07/27/2011 14:40

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53137/2-A	Z21859.D	07/27/2011 15:08
FB-1	220-16030-8	Z21861.D	07/27/2011 16:05
FB-2	220-16030-9	Z21862.D	07/27/2011 16:33

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: C24497.D Lab Sample ID: MB 220-53281/1-A

Matrix: Solid Date Extracted: 07/26/2011 10:12

Instrument ID: MSC Date Analyzed: 07/27/2011 08:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53281/2-A	C24498.D	07/27/2011 08:32
SB142B_3-4	220-16030-2	C24503.D	07/27/2011 11:06
SB142B_22-22.5	220-16030-3	C24504.D	07/27/2011 11:36
SB-143 3-4	220-16030-4	C24505.D	07/27/2011 12:06
SB-143 32-33	220-16030-5	C24506.D	07/27/2011 12:37
SB-143 39-40	220-16030-6	C24507.D	07/27/2011 13:07
SB-143 39-40 MS	220-16030-6 MS	C24508.D	07/27/2011 13:38
SB-143 39-40 MSD	220-16030-6 MSD	C24509.D	07/27/2011 14:08
DUP071411	220-16030-7	C24510.D	07/27/2011 14:39
SB142B_2-3	220-16030-1	C24511.D	07/27/2011 15:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Cs24381.D DFTPP Injection Date: 07/21/2011

Instrument ID: MSC DFTPP Injection Time: 10:20

Analysis Batch No.: 53172

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.2	
68	Less than 2.0 % of mass 69	0.7	(1.6)1
69	Mass 69 relative abundance	42.8	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	48.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	11.0	
442	Greater than 40.0 % of mass 198	76.1	
443	17.0 - 23.0 % of mass 442	14.2	(18.7)2

1-Value is % mass 69 2-Value is % mass 442

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 220-53172/1	C24382.D	07/21/2011	10:38
	IC 220-53172/2	C24383.D	07/21/2011	11:16
	IC 220-53172/3	C24384.D	07/21/2011	11:46
	IC 220-53172/4	C24385.D	07/21/2011	12:16
	IC 220-53172/5	C24386.D	07/21/2011	12:47
	IC 220-53172/6	C24387.D	07/21/2011	13:18
	IC 220-53172/7	C24388.D	07/21/2011	13:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Cs24495.D DFTPP Injection Date: 07/27/2011

Instrument ID: MSC DFTPP Injection Time: 07:11

Analysis Batch No.: 53339

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.9	
68	Less than 2.0 % of mass 69	0.2	(0.5)1
69	Mass 69 relative abundance	46.0	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	49.6	
197	Less than 1.0 % of mass 198	0.4	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	22.4	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	10.8	
442	Greater than 40.0 % of mass 198	70.7	
443	17.0 - 23.0 % of mass 442	13.5	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

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 220-53339/1	C24496.D	07/27/2011	07:29
	MB 220-53281/1-A	C24497.D	07/27/2011	08:01
	LCS 220-53281/2-A	C24498.D	07/27/2011	08:32
SB142B_3-4	220-16030-2	C24503.D	07/27/2011	11:06
SB142B_22-22.5	220-16030-3	C24504.D	07/27/2011	11:36
SB-143 3-4	220-16030-4	C24505.D	07/27/2011	12:06
SB-143 32-33	220-16030-5	C24506.D	07/27/2011	12:37
SB-143 39-40	220-16030-6	C24507.D	07/27/2011	13:07
SB-143 39-40 MS	220-16030-6 MS	C24508.D	07/27/2011	13:38
SB-143 39-40 MSD	220-16030-6 MSD	C24509.D	07/27/2011	14:08
DUP071411	220-16030-7	C24510.D	07/27/2011	14:39
SB142B_2-3	220-16030-1	C24511.D	07/27/2011	15:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Zs21842.D DFTPP Injection Date: 07/27/2011

Instrument ID: MSZ DFTPP Injection Time: 07:17

Analysis Batch No.: 53343

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.7	
68	Less than 2.0 % of mass 69	0.5	(1.1)1
69	Mass 69 relative abundance	46.1	
70	Less than 2.0 % of mass 69	0.3	(0.7)1
127	40.0 - 60.0 % of mass 198	54.8	
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	6.1	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	11.7	
442	Greater than 40.0 % of mass 198	79.3	
443	17.0 - 23.0 % of mass 442	14.7	(18.5)2

1-Value is % mass 69 2-Value is % mass 442

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 220-53343/1	Z21843.D	07/27/2011	07:33
	IC 220-53343/2	Z21844.D	07/27/2011	08:01
	IC 220-53343/3	Z21845.D	07/27/2011	08:30
	IC 220-53343/4	Z21846.D	07/27/2011	08:58
	IC 220-53343/5	Z21847.D	07/27/2011	09:27
	IC 220-53343/6	Z21848.D	07/27/2011	09:55
	IC 220-53343/7	Z21849.D	07/27/2011	10:24
	MB 220-53137/1-A	Z21858.D	07/27/2011	14:40
	LCS 220-53137/2-A	Z21859.D	07/27/2011	15:08
FB-1	220-16030-8	Z21861.D	07/27/2011	16:05
FB-2	220-16030-9	Z21862.D	07/27/2011	16:33

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53339/1 Date Analyzed: 07/27/2011 07:29

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C24496.D Heated Purge: (Y/N) N

Calibration ID: 11557

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1027229	4.80	4228857	6.16	2682714	8.03
UPPER LIMIT		2054458	5.30	8457714	6.66	5365428	8.53
LOWER LIMIT		513615	4.30	2114429	5.66	1341357	7.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53281/1-A		1159367	4.80	4794281	6.16	3030963	8.02
LCS 220-53281/2-A		1193606	4.80	5017535	6.16	3178535	8.03
220-16030-2	SB142B_3-4	1182249	4.80	4938718	6.16	3095293	8.02
220-16030-3	SB142B_22-22.5	1179863	4.80	4855744	6.16	3147790	8.02
220-16030-4	SB-143 3-4	1144383	4.80	4779844	6.16	3041544	8.02
220-16030-5	SB-143 32-33	1188537	4.80	4866474	6.16	3116218	8.02
220-16030-6	SB-143 39-40	1217346	4.80	5084527	6.16	3264433	8.02
220-16030-6 MS	SB-143 39-40 MS	1202479	4.80	5061246	6.16	3230969	8.03
220-16030-6 MSD	SB-143 39-40 MSD	1185606	4.80	5022513	6.16	3233187	8.03
220-16030-7	DUP071411	1148646	4.80	4741206	6.16	3083988	8.02
220-16030-1	SB142B_2-3	1221570	4.80	5116142	6.16	3041392	8.03

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53339/1 Date Analyzed: 07/27/2011 07:29

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C24496.D Heated Purge: (Y/N) N

Calibration ID: 11557

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		4803738	9.59	4986002	12.47	3160978	14.63
UPPER LIMIT		9607476	10.09	9972004	12.97	6321956	15.13
LOWER LIMIT		2401869	9.09	2493001	11.97	1580489	14.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53281/1-A		4396975	9.59	5654522	12.47	4488072	14.63
LCS 220-53281/2-A		5680398	9.59	5755593	12.47	4002791	14.64
220-16030-2	SB142B_3-4	5600085	9.59	5678703	12.46	4103981	14.63
220-16030-3	SB142B_22-22.5	5567535	9.59	5773419	12.46	4089267	14.63
220-16030-4	SB-143 3-4	5308836	9.59	5445096	12.46	3894588	14.63
220-16030-5	SB-143 32-33	5482956	9.59	5578396	12.46	3899874	14.63
220-16030-6	SB-143 39-40	5747025	9.59	5774301	12.46	4049323	14.63
220-16030-6 MS	SB-143 39-40 MS	5758646	9.59	5922220	12.48	3779824	14.64
220-16030-6 MSD	SB-143 39-40 MSD	5816825	9.59	5923540	12.48	3680565	14.64
220-16030-7	DUP071411	5397615	9.59	5570476	12.46	3659673	14.63
220-16030-1	SB142B_2-3	6014299	9.60	5142590	12.48	2163940	14.63

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: ICIS 220-53343/1 Date Analyzed: 07/27/2011 07:33

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z21843.D Heated Purge: (Y/N) N

Calibration ID: 11648

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		268393	4.79	1206258	6.15	698354	8.01
UPPER LIMIT		536786	5.29	2412516	6.65	1396708	8.51
LOWER LIMIT		134197	4.29	603129	5.65	349177	7.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53137/1-A		272553	4.78	1221773	6.15	721418	8.01
LCS 220-53137/2-A		289288	4.79	1311088	6.15	789659	8.01
220-16030-8	FB-1	275741	4.79	1252600	6.15	738603	8.01
220-16030-9	FB-2	272105	4.78	1227988	6.14	737211	8.00

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: ICIS 220-53343/1 Date Analyzed: 07/27/2011 07:33

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z21843.D Heated Purge: (Y/N) N

Calibration ID: 11648

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1099159	9.58	907309	12.44	585950	14.59
UPPER LIMIT		2198318	10.08	1814618	12.94	1171900	15.09
LOWER LIMIT		549580	9.08	453655	11.94	292975	14.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53137/1-A		1159158	9.57	939808	12.43	579080	14.58
LCS 220-53137/2-A		1276711	9.58	1095252	12.44	627996	14.58
220-16030-8	FB-1	1177272	9.57	958260	12.43	580672	14.57
220-16030-9	FB-2	1180151	9.57	975607	12.43	589057	14.57

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 Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: C24511.D

Analysis Method: 8270C | Date Collected: 07/13/2011 09:45

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.56(g) | Date Analyzed: 07/27/2011 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	290	U	290	19
111-44-4	Bis(2-chloroethyl)ether	290	U	290	15
95-57-8	2-Chlorophenol	290	U	290	17
541-73-1	1,3-Dichlorobenzene	290	U	290	15
106-46-7	1,4-Dichlorobenzene	290	U	290	17
100-51-6	Benzyl alcohol	290	U	290	28
95-50-1	1,2-Dichlorobenzene	290	U	290	17
108-60-1	2,2'-oxybis[1-chloropropane]	290	U	290	15
95-48-7	2-Methylphenol	290	U	290	18
67-72-1	Hexachloroethane	290	U	290	17
621-64-7	N-Nitrosodi-n-propylamine	290	U	290	20
106-44-5	4-Methylphenol	290	U	290	19
98-95-3	Nitrobenzene	290	U	290	19
78-59-1	Isophorone	290	U	290	16
88-75-5	2-Nitrophenol	290	U	290	18
105-67-9	2,4-Dimethylphenol	290	U	290	14
111-91-1	Bis(2-chloroethoxy)methane	290	U	290	14
120-83-2	2,4-Dichlorophenol	290	U	290	16
120-82-1	1,2,4-Trichlorobenzene	290	U	290	19
91-20-3	Naphthalene	1400		290	15
106-47-8	4-Chloroaniline	290	U	290	48
87-68-3	Hexachlorobutadiene	290	U	290	23
59-50-7	4-Chloro-3-methylphenol	290	U	290	12
91-57-6	2-Methylnaphthalene	430		290	8.4
77-47-4	Hexachlorocyclopentadiene	730	U	730	140
88-06-2	2,4,6-Trichlorophenol	290	U	290	8.0
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	15
91-58-7	2-Chloronaphthalene	290	U	290	12
88-74-4	2-Nitroaniline	730	U	730	18
208-96-8	Acenaphthylene	52	J	290	14
131-11-3	Dimethyl phthalate	290	U	290	17
606-20-2	2,6-Dinitrotoluene	290	U	290	8.6
83-32-9	Acenaphthene	410		290	17
99-09-2	3-Nitroaniline	730	U	730	9.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: C24511.D

Analysis Method: 8270C | Date Collected: 07/13/2011 09:45

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.56(g) | Date Analyzed: 07/27/2011 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1800	U	1800	88
132-64-9	Dibenzofuran	330		290	21
121-14-2	2,4-Dinitrotoluene	290	U	290	23
100-02-7	4-Nitrophenol	1800	U	1800	22
86-73-7	Fluorene	620		290	18
7005-72-3	4-Chlorophenyl phenyl ether	290	U	290	22
84-66-2	Diethyl phthalate	290	U	290	30
100-01-6	4-Nitroaniline	290	U	290	22
534-52-1	4,6-Dinitro-2-methylphenol	1800	U	1800	130
86-30-6	N-Nitrosodiphenylamine	220	J	290	17
101-55-3	4-Bromophenyl phenyl ether	290	U	290	19
118-74-1	Hexachlorobenzene	290	U	290	20
87-86-5	Pentachlorophenol	730	U	730	180
85-01-8	Phenanthrene	2600		290	14
86-74-8	Carbazole	360		290	16
120-12-7	Anthracene	920		290	11
84-74-2	Di-n-butyl phthalate	290	U	290	43
206-44-0	Fluoranthene	2300		290	15
129-00-0	Pyrene	2700		290	14
85-68-7	Butyl benzyl phthalate	290	U	290	16
91-94-1	3,3'-Dichlorobenzidine	360	U	360	60
56-55-3	Benzo[a]anthracene	1700		290	10
218-01-9	Chrysene	1700		290	22
117-81-7	Bis(2-ethylhexyl) phthalate	160	J B	290	28
117-84-0	Di-n-octyl phthalate	290	U	290	17
205-99-2	Benzo[b]fluoranthene	1600		290	7.8
207-08-9	Benzo[k]fluoranthene	560		290	26
50-32-8	Benzo[a]pyrene	1400		290	7.9
193-39-5	Indeno[1,2,3-cd]pyrene	990		290	19
53-70-3	Dibenz(a,h)anthracene	300		290	23
191-24-2	Benzo[g,h,i]perylene	970		290	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: C24511.D

Analysis Method: 8270C | Date Collected: 07/13/2011 09:45

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.56(g) | Date Analyzed: 07/27/2011 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	65		36-120
4165-60-0	Nitrobenzene-d5	64		38-120
321-60-8	2-Fluorobiphenyl	65		41-120
118-79-6	2,4,6-Tribromophenol	80		37-120
1718-51-0	Terphenyl-d14	78		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24511.D
Lab Smp Id: 220-16030-B-1-A Client Smp ID: SB142B_2-3
Inj Date : 27-JUL-2011 15:09
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-1-A
Misc Info : 220-16030-B-1-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.560	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	11.230	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1221570	20.0000	
$	2 2-Fluorophenol	112	3.374	3.356	(0.702)	3256254	48.5717	3500
$	3 Phenol-d5	99	4.490	4.490	(0.935)	4470129	48.8078	3500
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5116142	20.0000	
$	21 Nitrobenzene-d5	82	5.404	5.409	(0.877)	2810832	31.9289	2300
	30 Naphthalene	128	6.181	6.187	(1.003)	4843934	19.4782	1400
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	1038977	5.95053	430
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3041392	20.0000	
$	40 2-Fluorobiphenyl	172	7.333	7.333	(0.913)	5833821	32.5414	2400
	130 1,1'-Biphenyl	154	7.428	7.433	(0.925)	252185	1.27637	92
	43 Acenaphthylene	152	7.873	7.873	(0.981)	185210	0.71601	52
	46 Acenaphthene	153	8.063	8.063	(1.004)	947328	5.65137	410
	49 Dibenzofuran	168	8.241	8.247	(1.027)	1064913	4.57038	330
	52 Fluorene	166	8.609	8.609	(1.072)	1651659	8.55244	620
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1570382	60.0391	4300
*	57 Phenanthrene-d10	188	9.600	9.594	(1.000)	6014299	20.0000	
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	489435	2.99810	220
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.915)	49475	0.21669	16

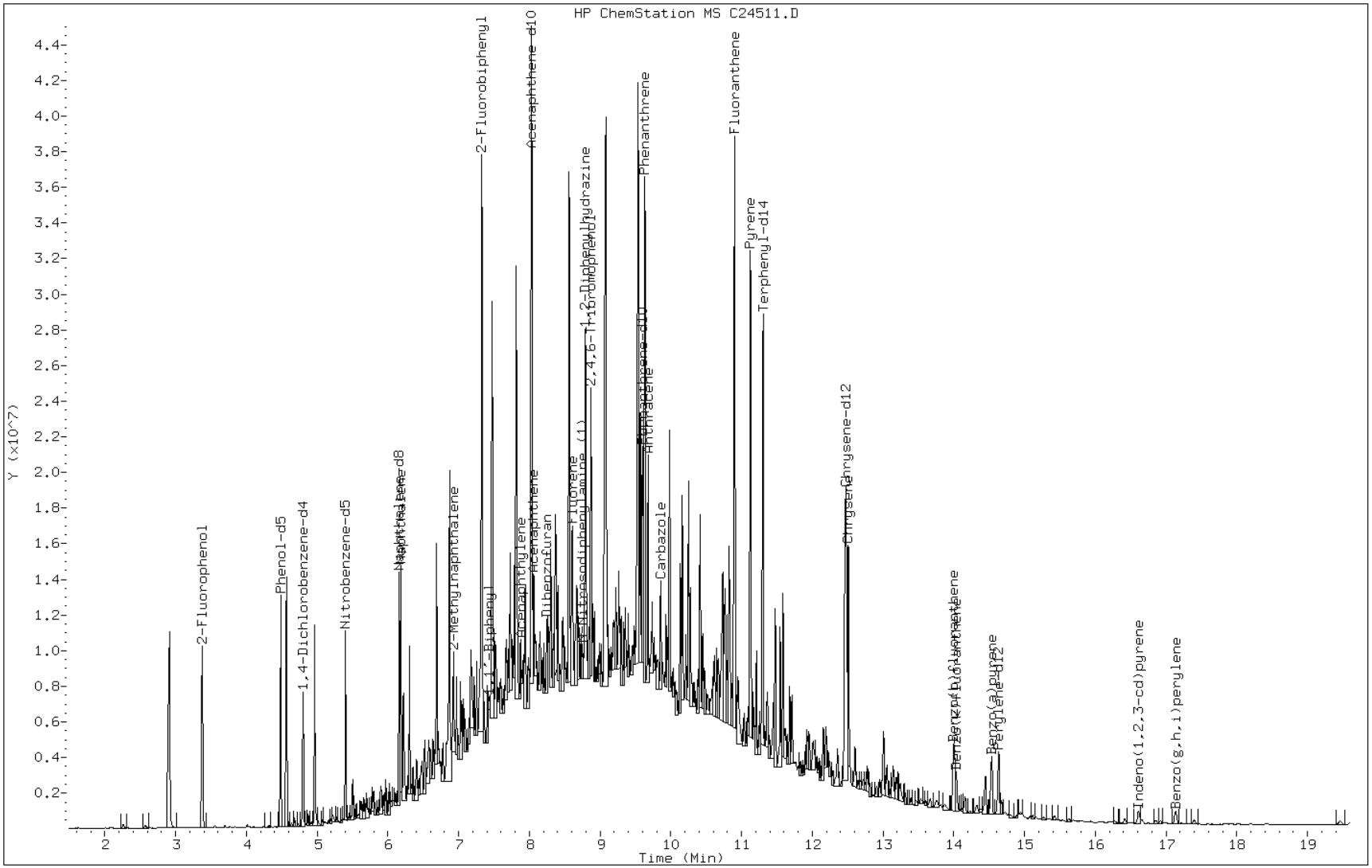
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	64 Phenanthrene	178	9.630	9.624	(1.003)	11076635	35.7730	2600
	65 Carbazole	167	9.855	9.855	(1.027)	1477374	5.00441	360
	66 Anthracene	178	9.677	9.677	(1.008)	3928948	12.7217	920
	68 Fluoranthene	202	10.900	10.876	(1.135)	10671280	31.7928	2300
*	70 Chrysene-d12	240	12.479	12.472	(1.000)	5142590	20.0000	
	72 Pyrene	202	11.125	11.113	(0.892)	12105402	37.9322	2700
$	73 Terphenyl-d14	244	11.303	11.291	(0.906)	8597521	38.9175	2800
	76 Benzo(a)anthracene	228	12.467	12.455	(0.999)	6744444	23.9562	1700
	77 Chrysene	228	12.514	12.508	(1.003)	6084175	23.0224	1700
	78 Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	318178	2.16976	160
*	79 Perylene-d12	264	14.633	14.633	(1.000)	2163940	20.0000	
	81 Benzo(b)fluoranthene	252	14.004	14.004	(0.957)	3157146	21.8077	1600
	82 Benzo(k)fluoranthene	252	14.040	14.051	(0.959)	1151653	7.70840	560
	83 Benzo(a)pyrene	252	14.532	14.544	(0.993)	2079753	19.7431	1400
	84 Indeno(1,2,3-cd)pyrene	276	16.616	16.627	(1.135)	604359	13.6982	990
	85 Dibenzo(a,h)anthracene	278	16.657	16.675	(1.138)	169979	4.15999	300
	86 Benzo(g,h,i)perylene	276	17.138	17.144	(1.171)	574467	13.4655	970

Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas



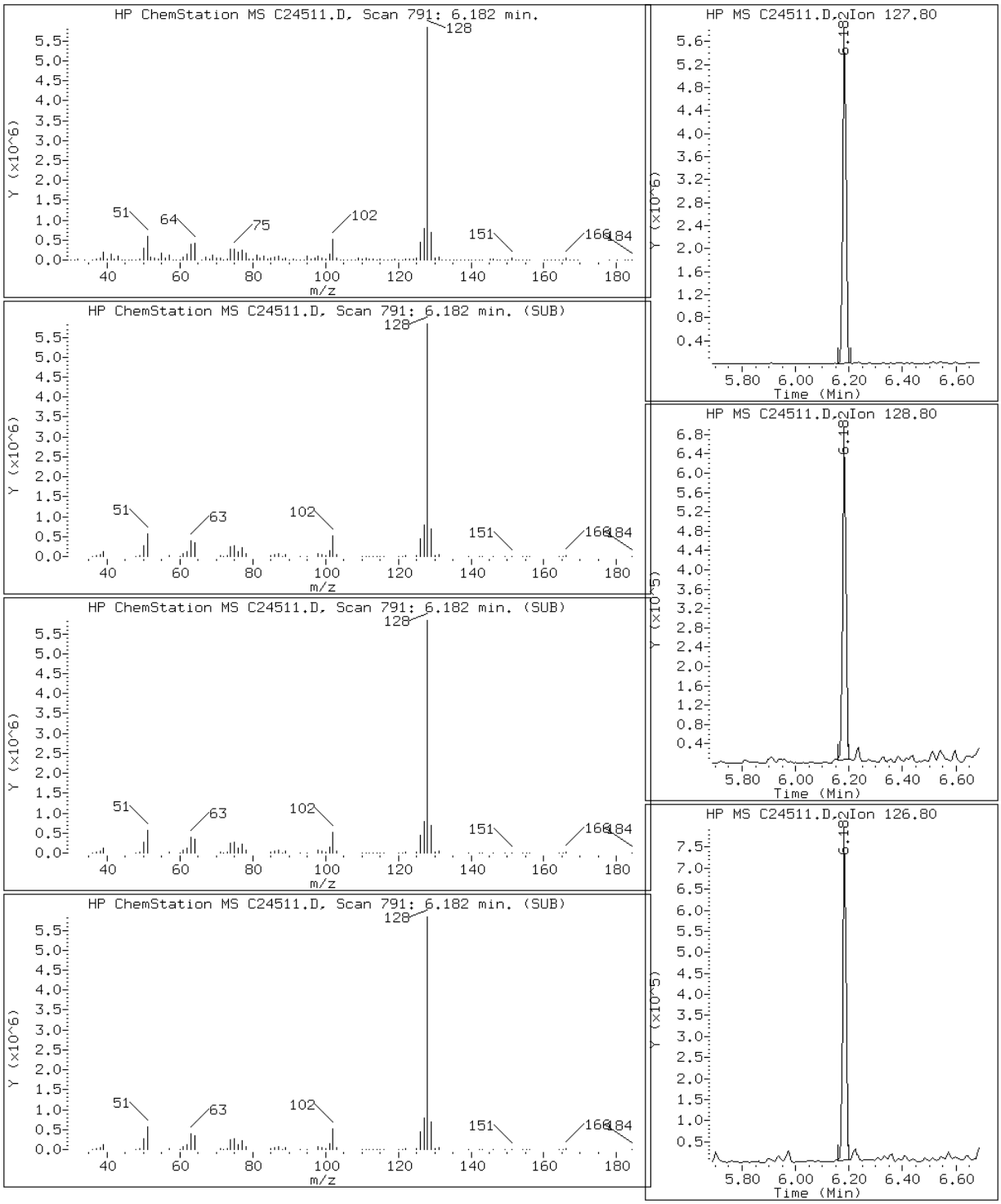
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

30 Naphthalene



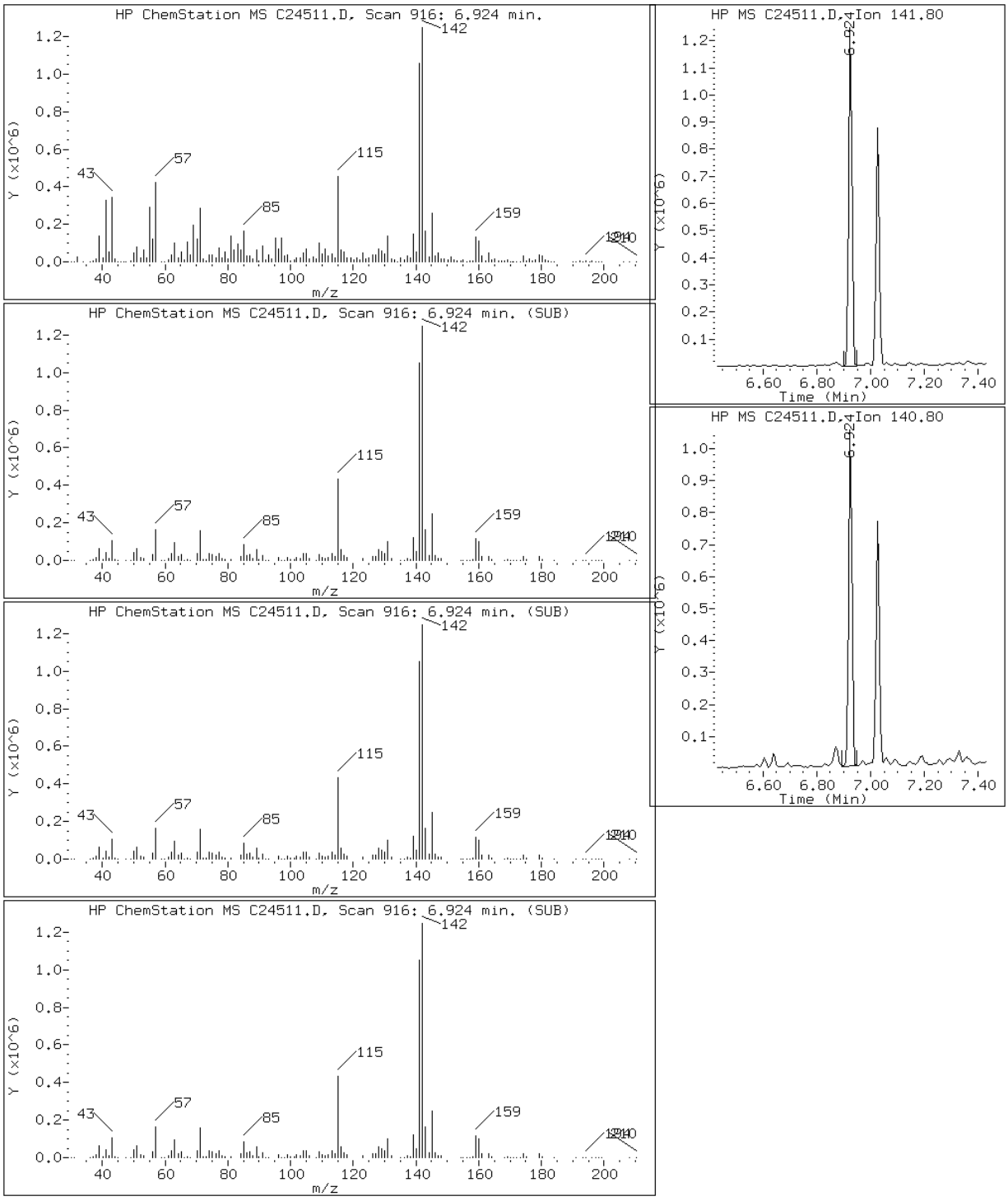
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

34 2-Methylnaphthalene



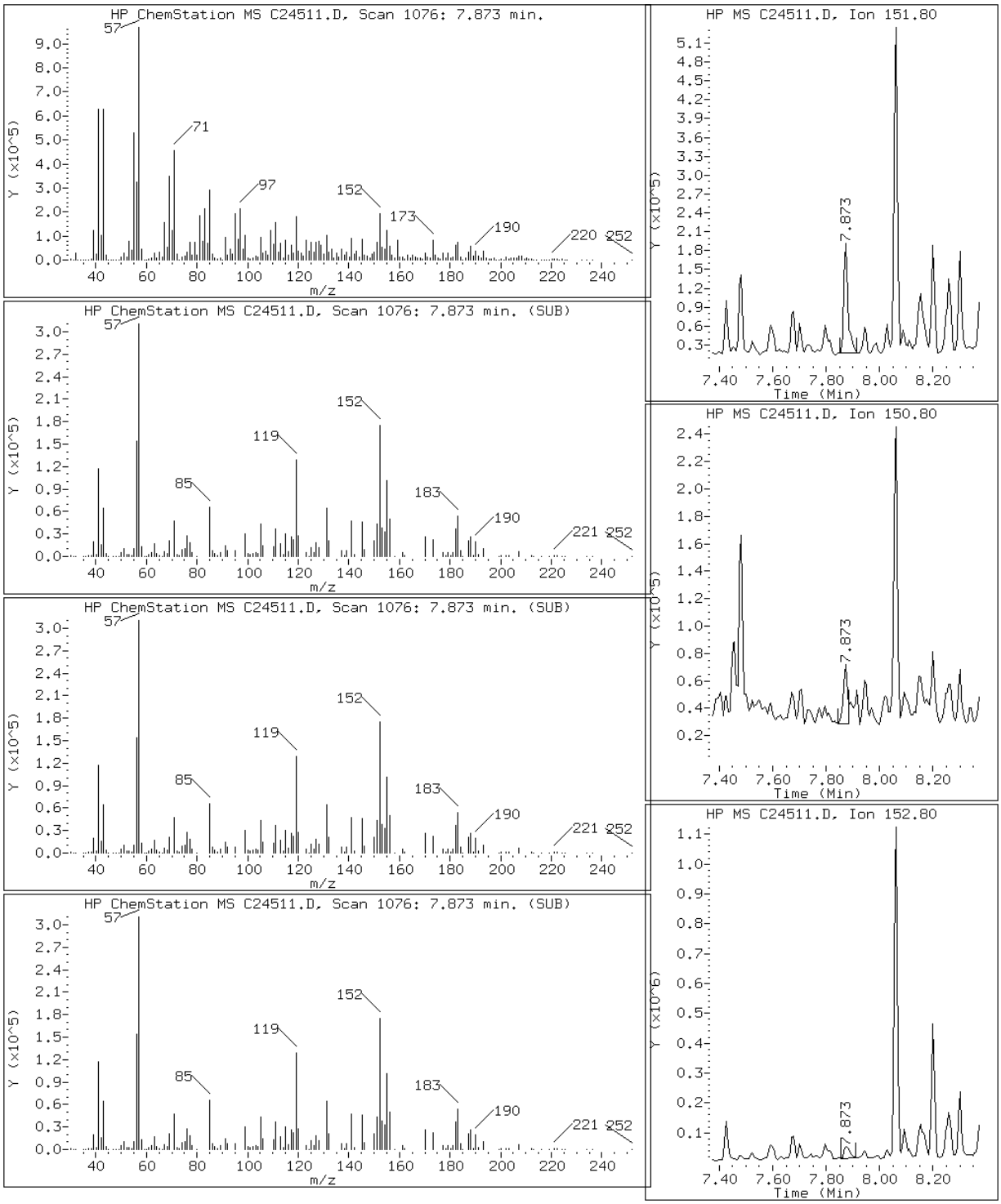
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

43 Acenaphthylene



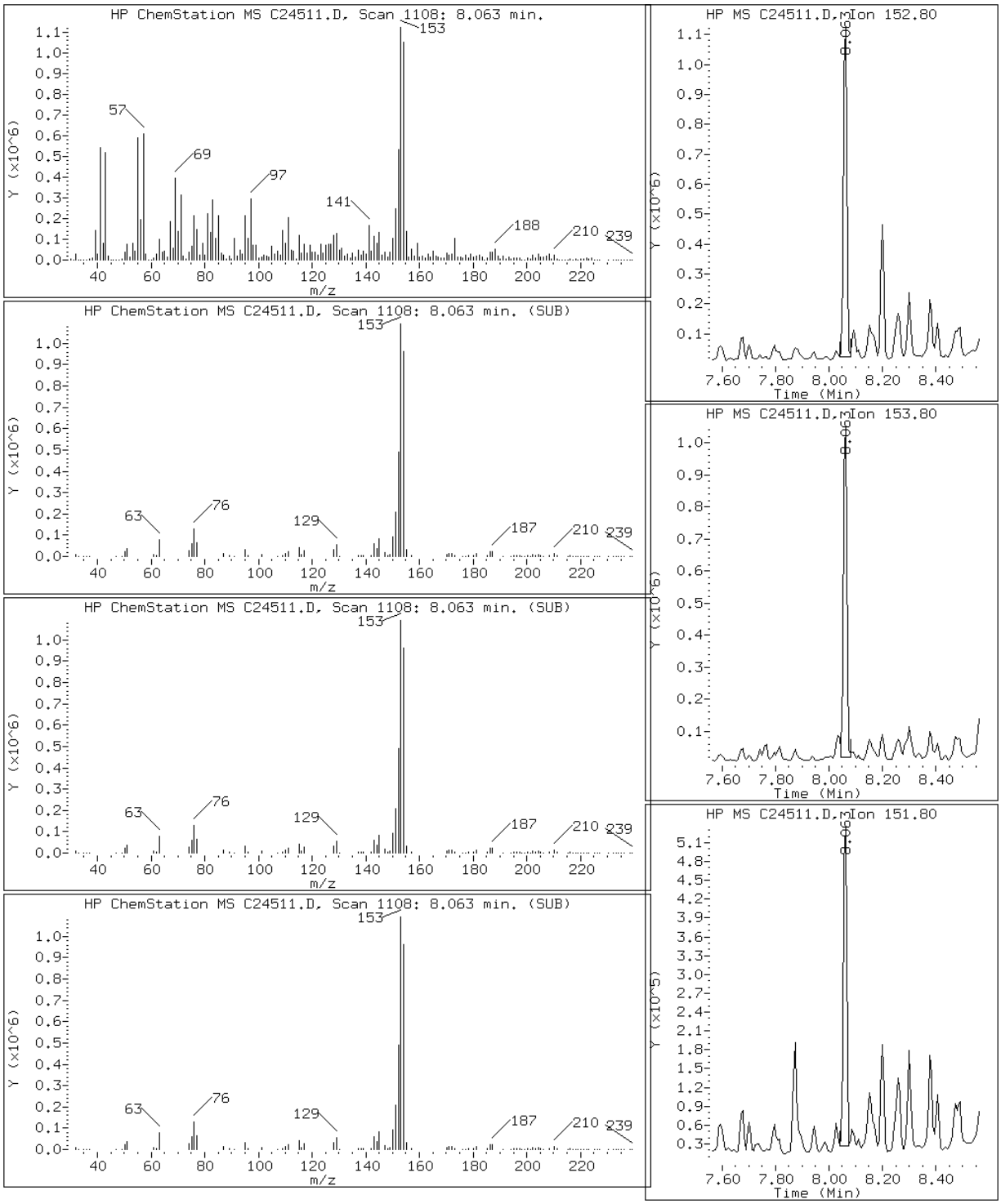
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

46 Acenaphthene



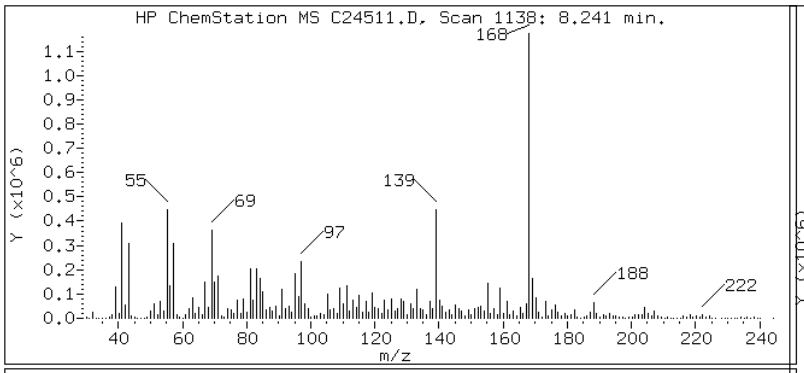
Data File: C24511.D

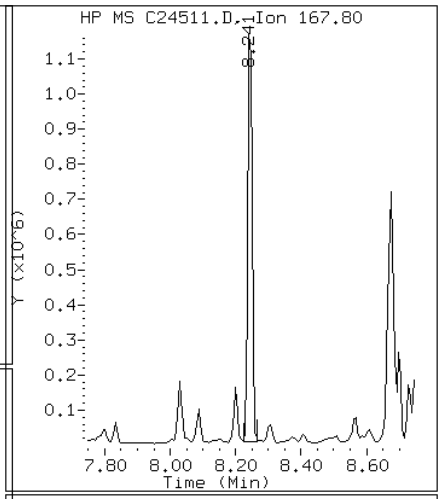
Date: 27-JUL-2011 15:09

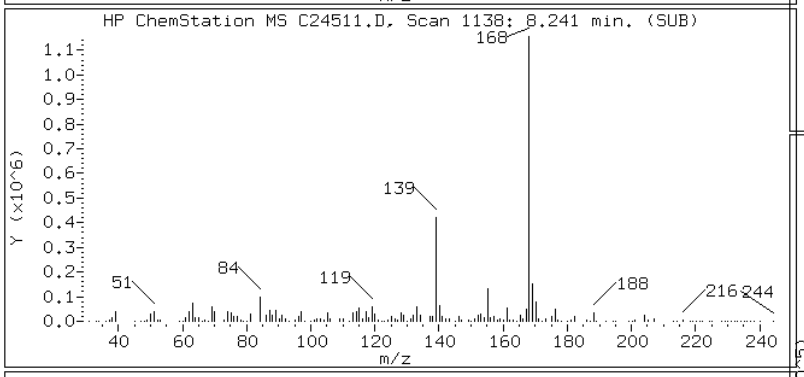
Client ID: SB142B_2-3 Instrument: msc.i

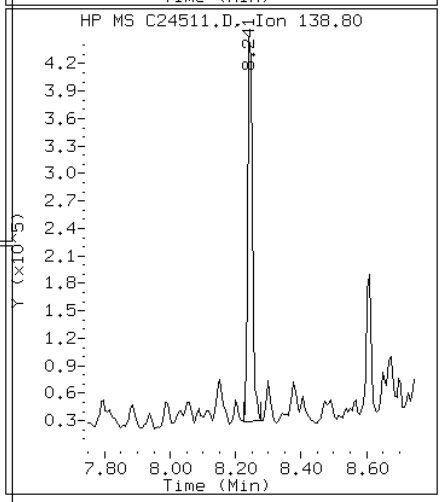
Sample Info: 220-16030-B-1-A Operator: S.Jonas

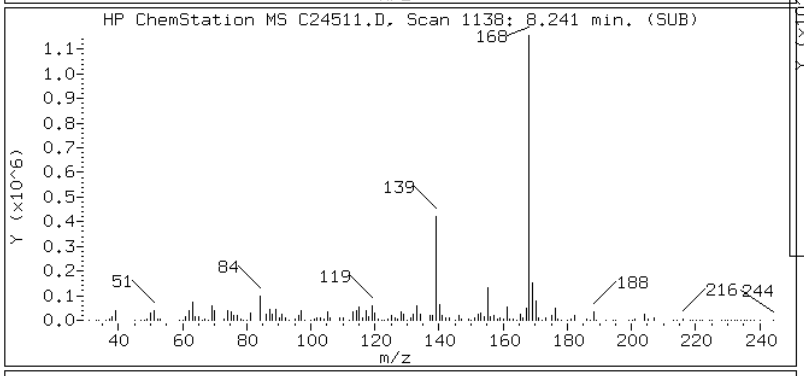
49 Dibenzofuran

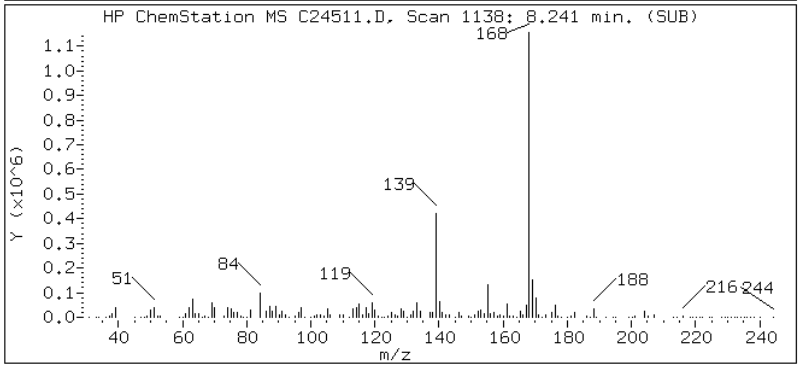












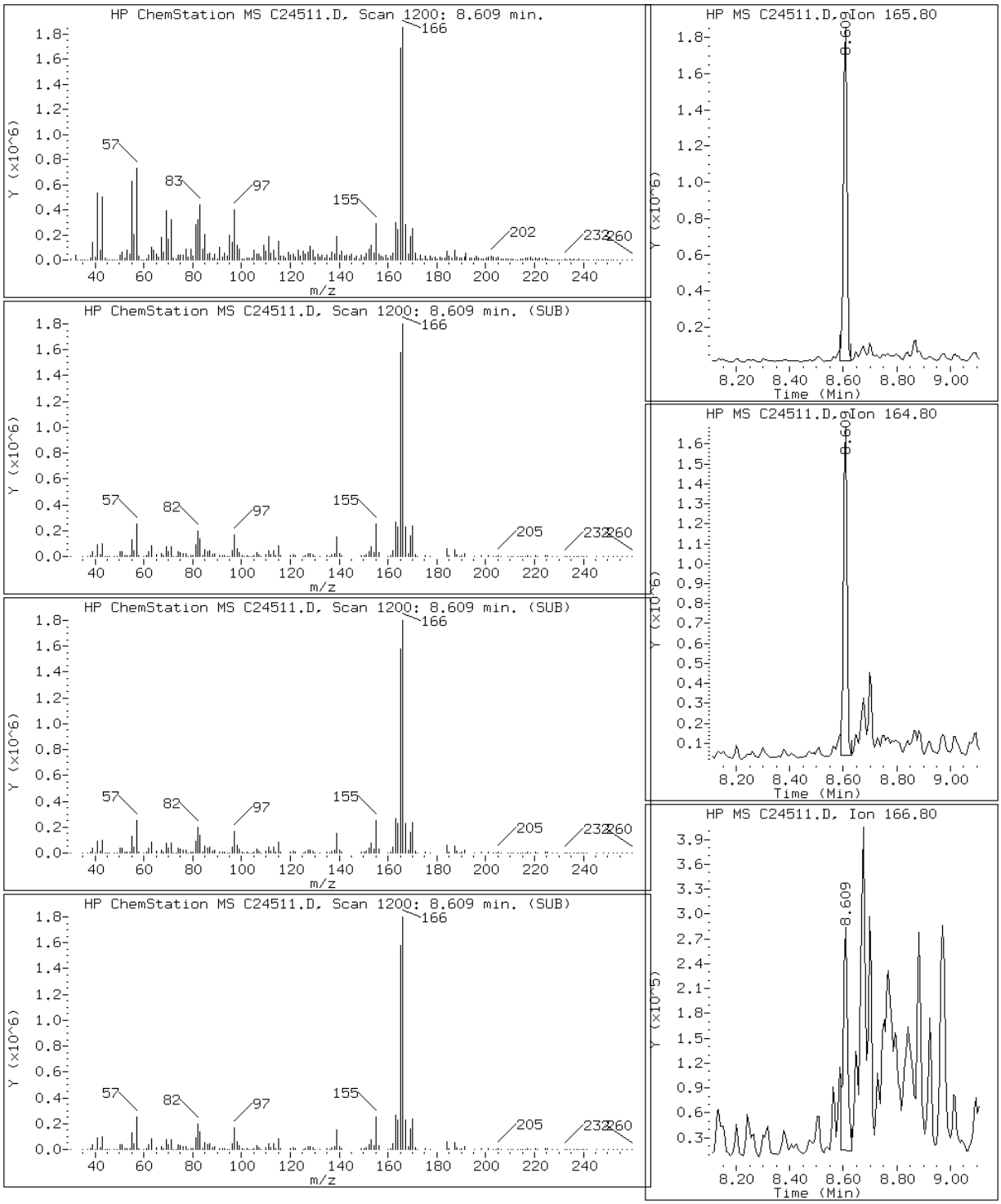
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

52 Fluorene



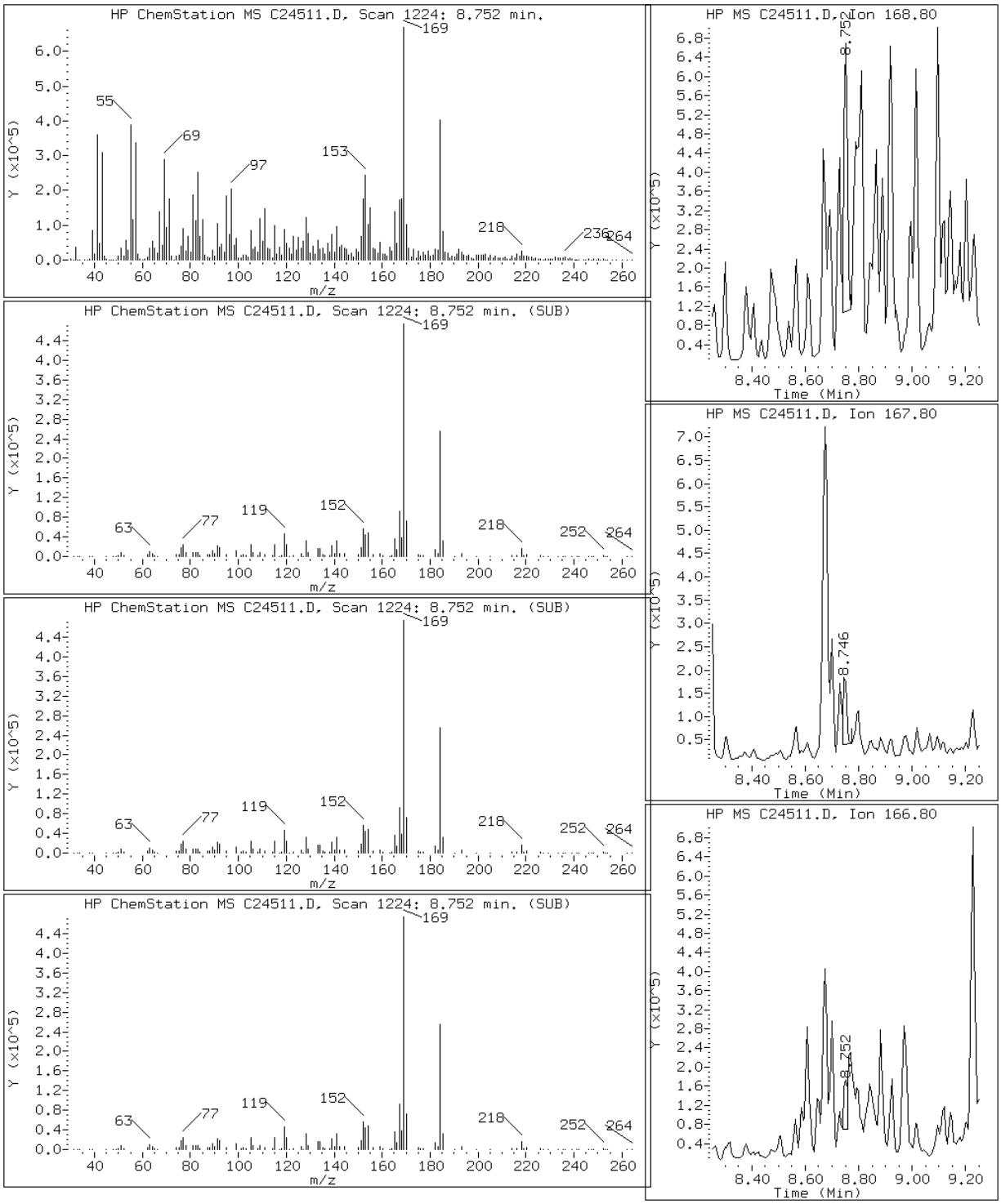
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

59 N-Nitrosodiphenylamine (1)



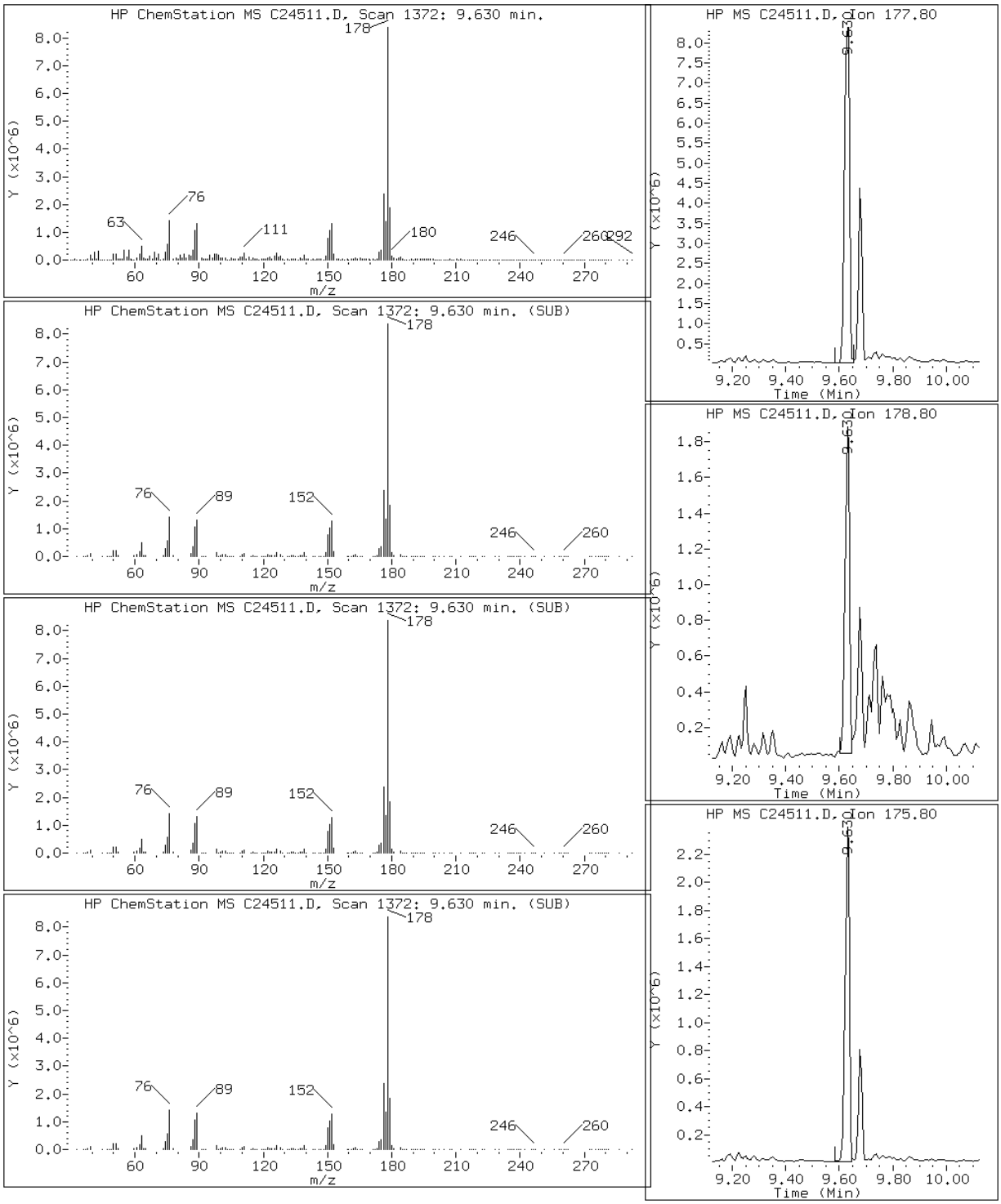
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

64 Phenanthrene



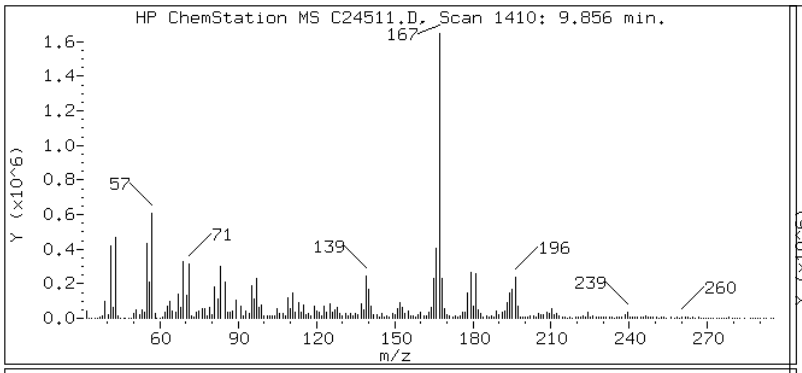
Data File: C24511.D

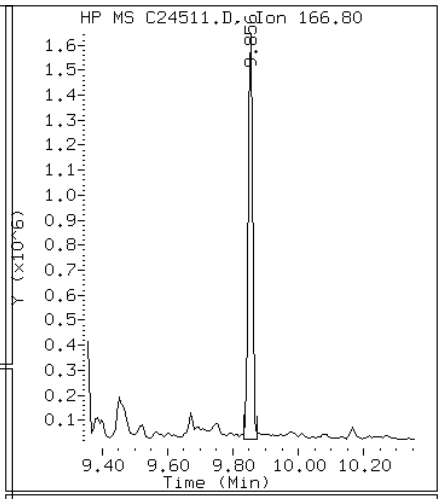
Date: 27-JUL-2011 15:09

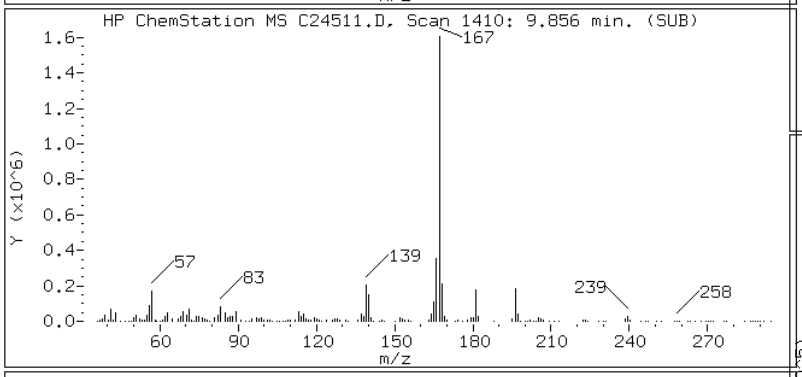
Client ID: SB142B_2-3 Instrument: msc.i

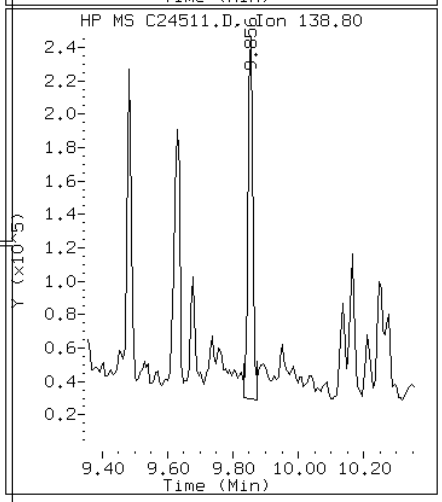
Sample Info: 220-16030-B-1-A Operator: S.Jonas

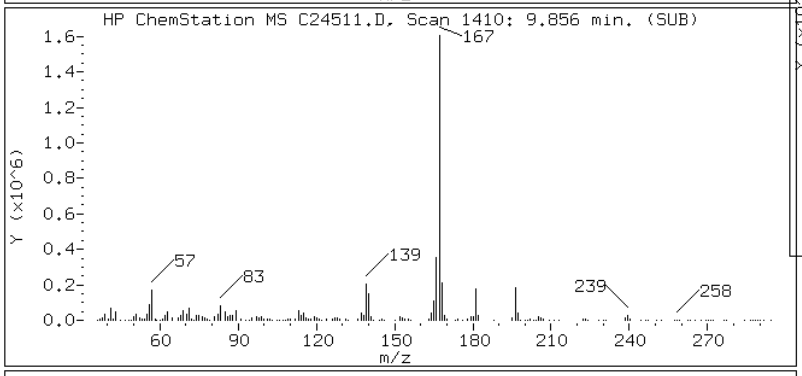
65 Carbazole

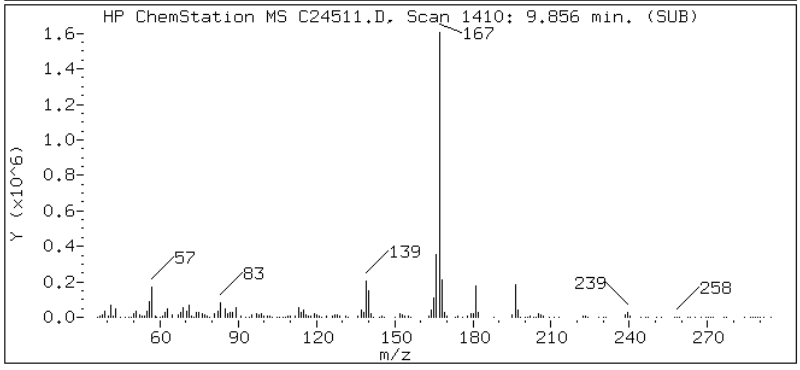












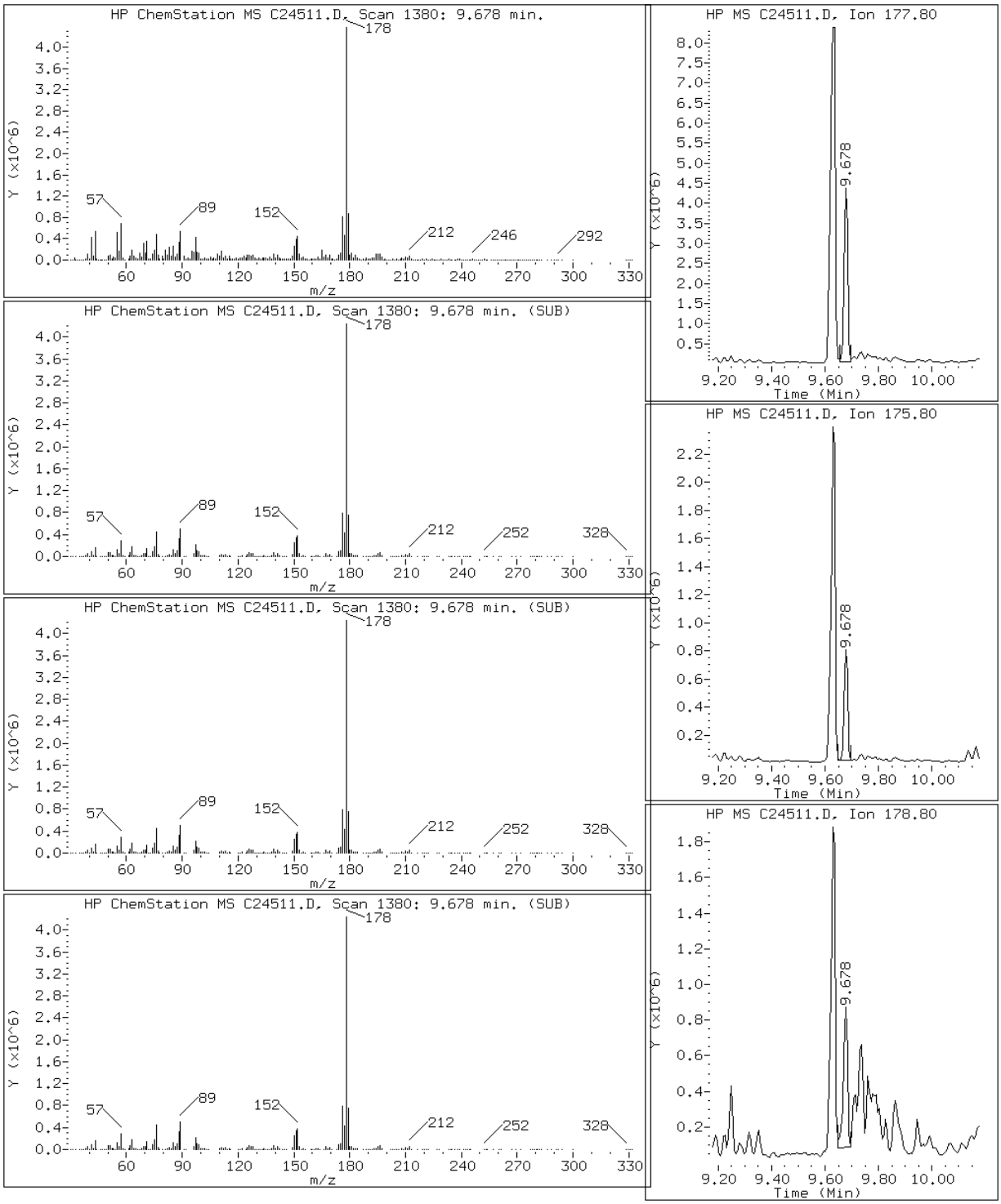
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

66 Anthracene



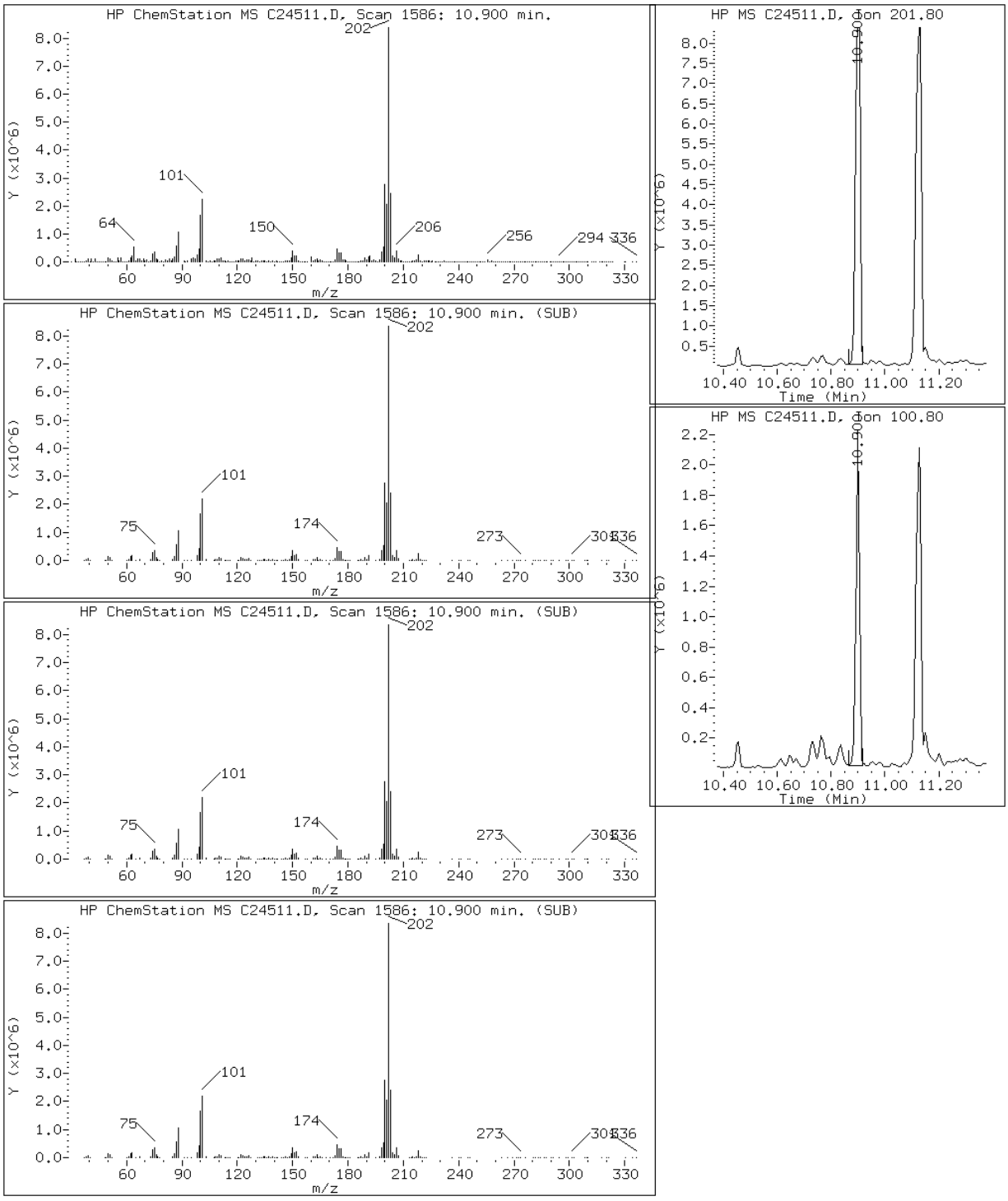
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

68 Fluoranthene



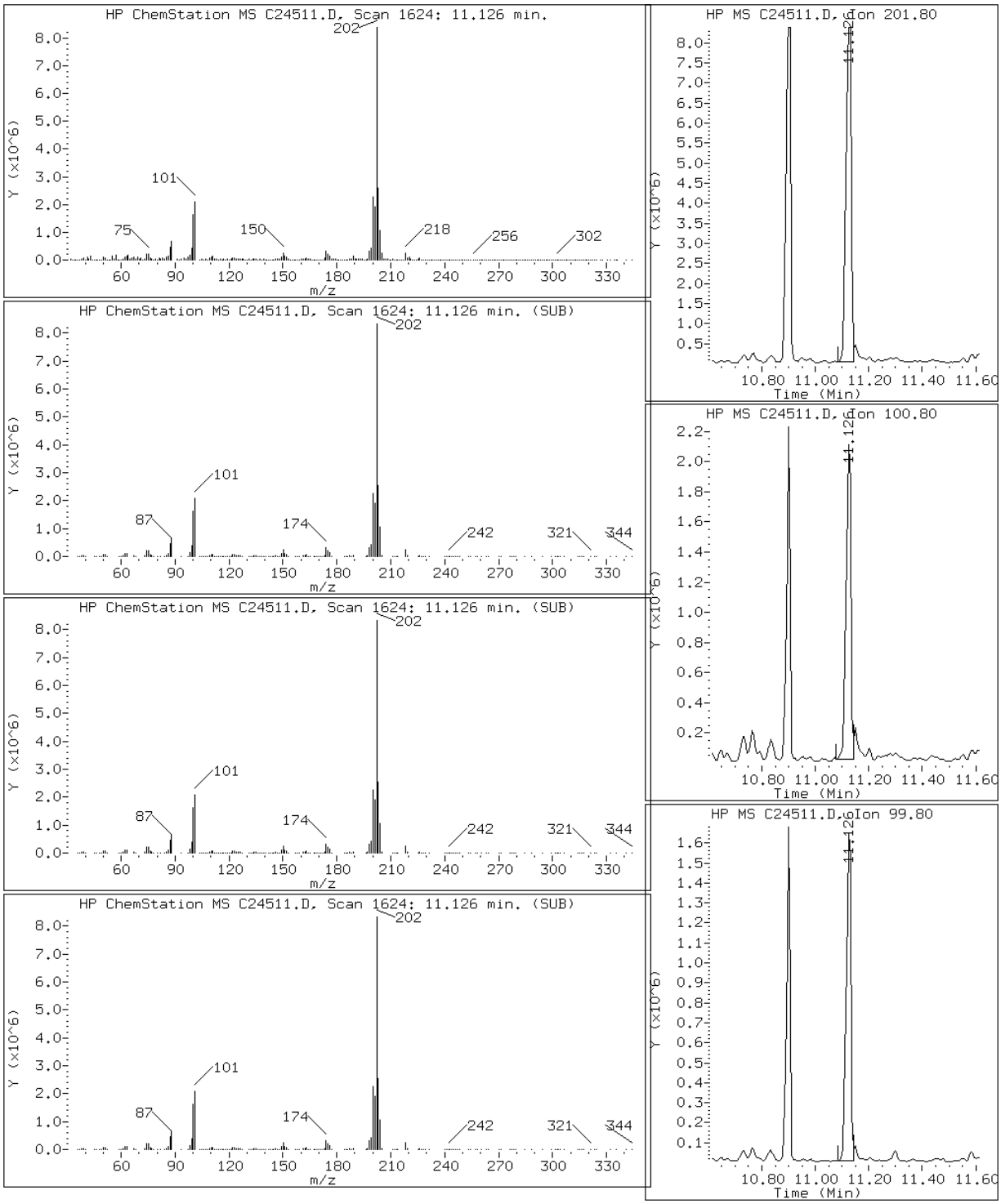
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

72 Pyrene



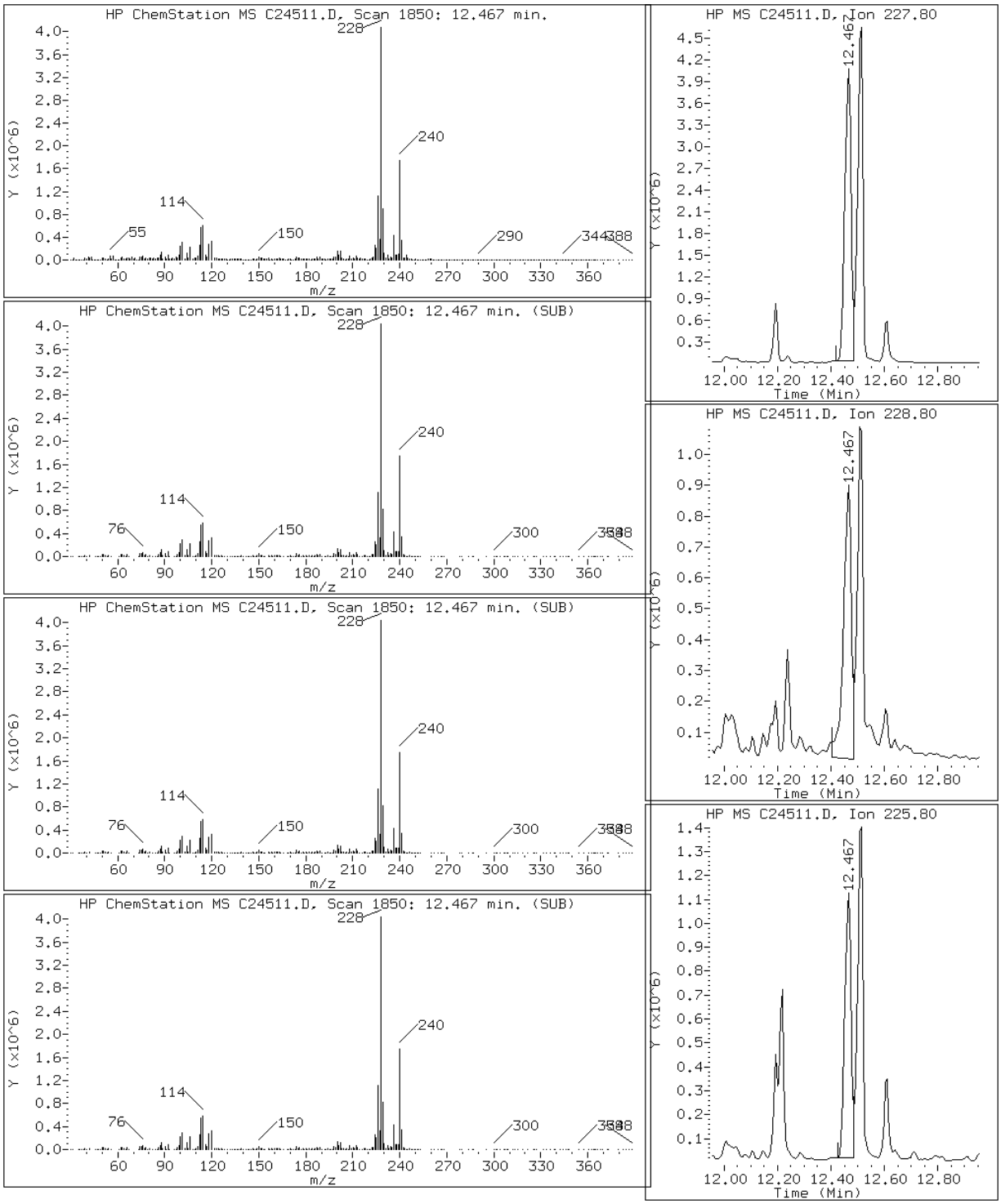
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

76 Benzo(a)anthracene



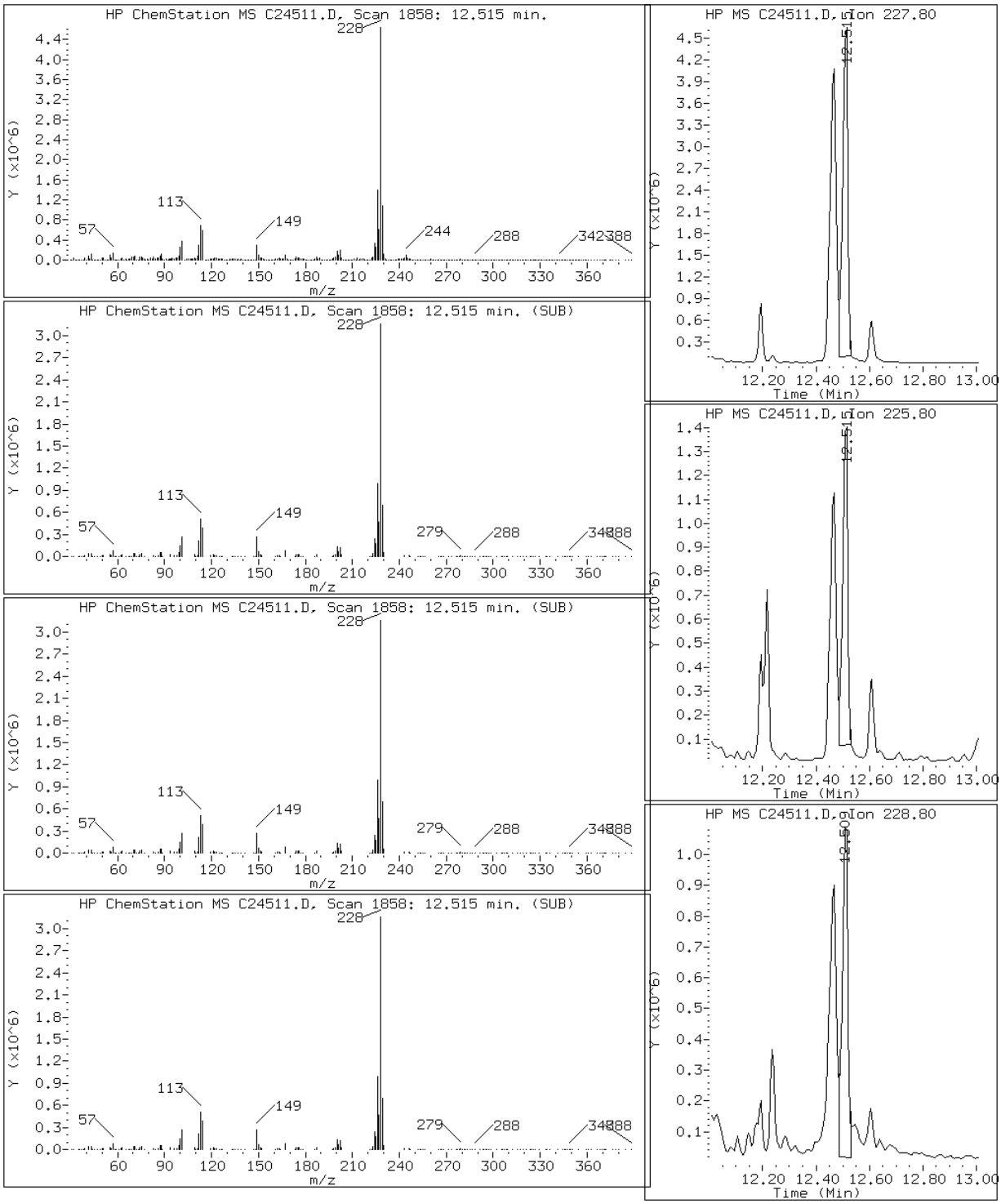
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

77 Chrysene



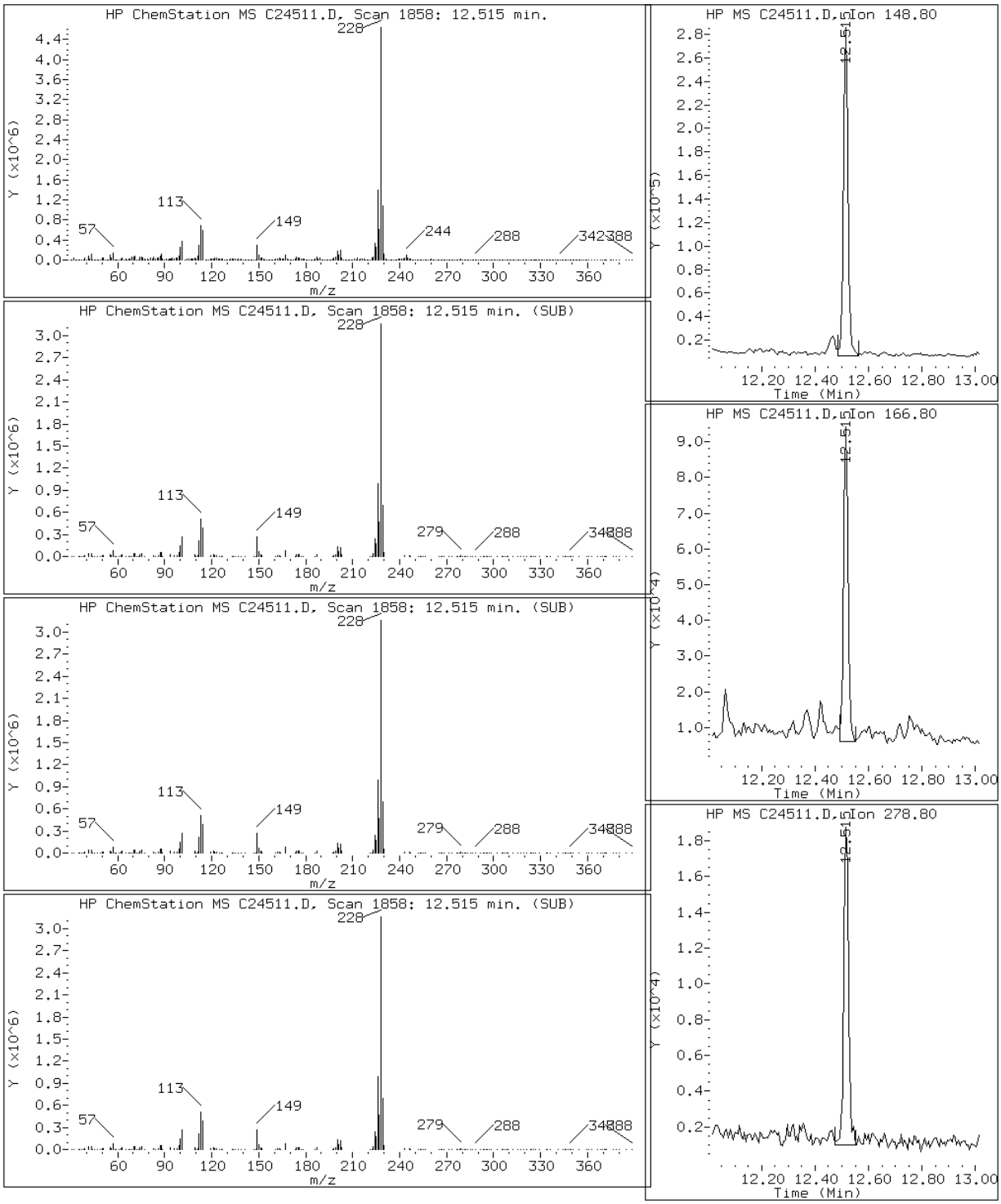
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



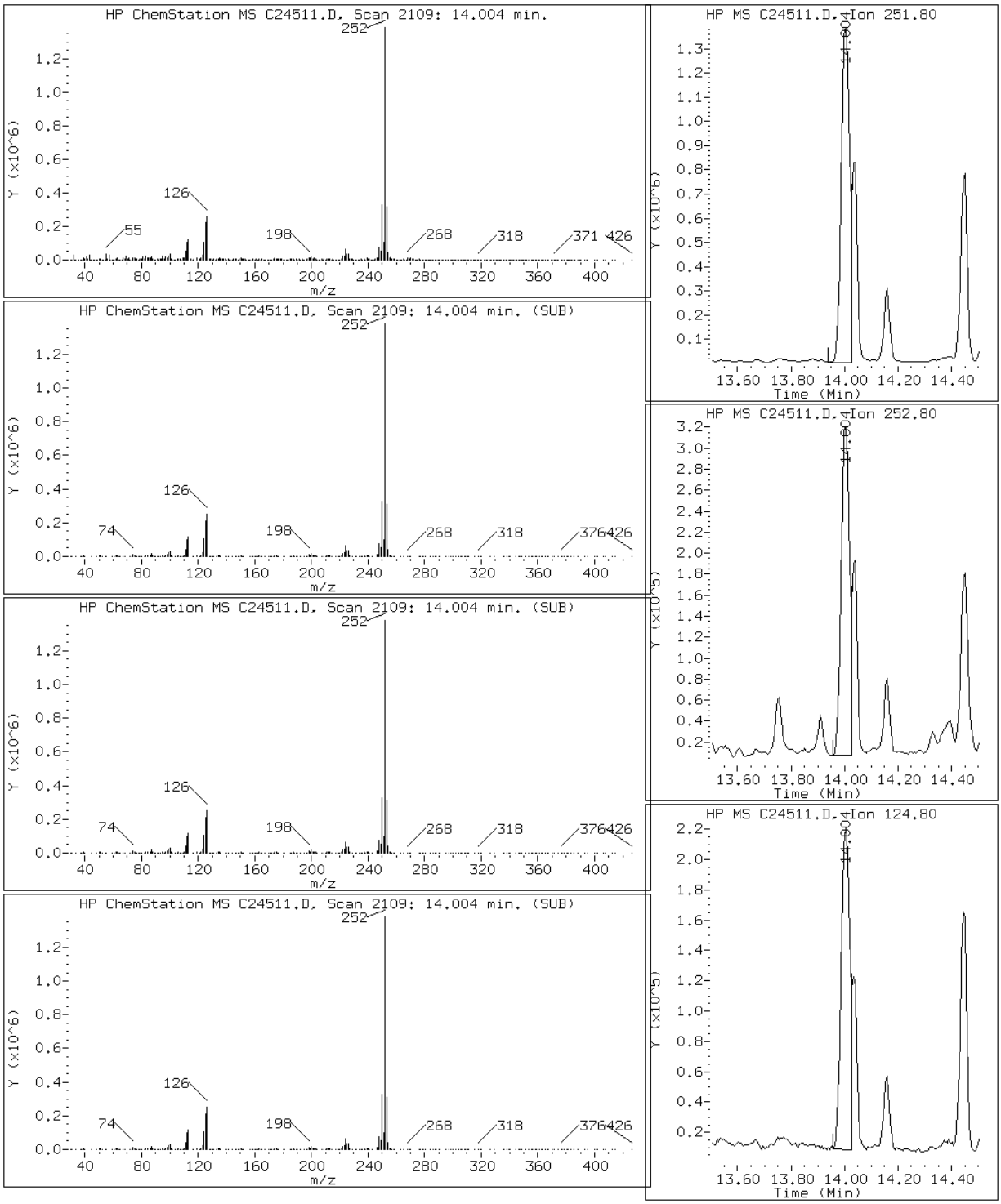
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

81 Benzo(b)fluoranthene



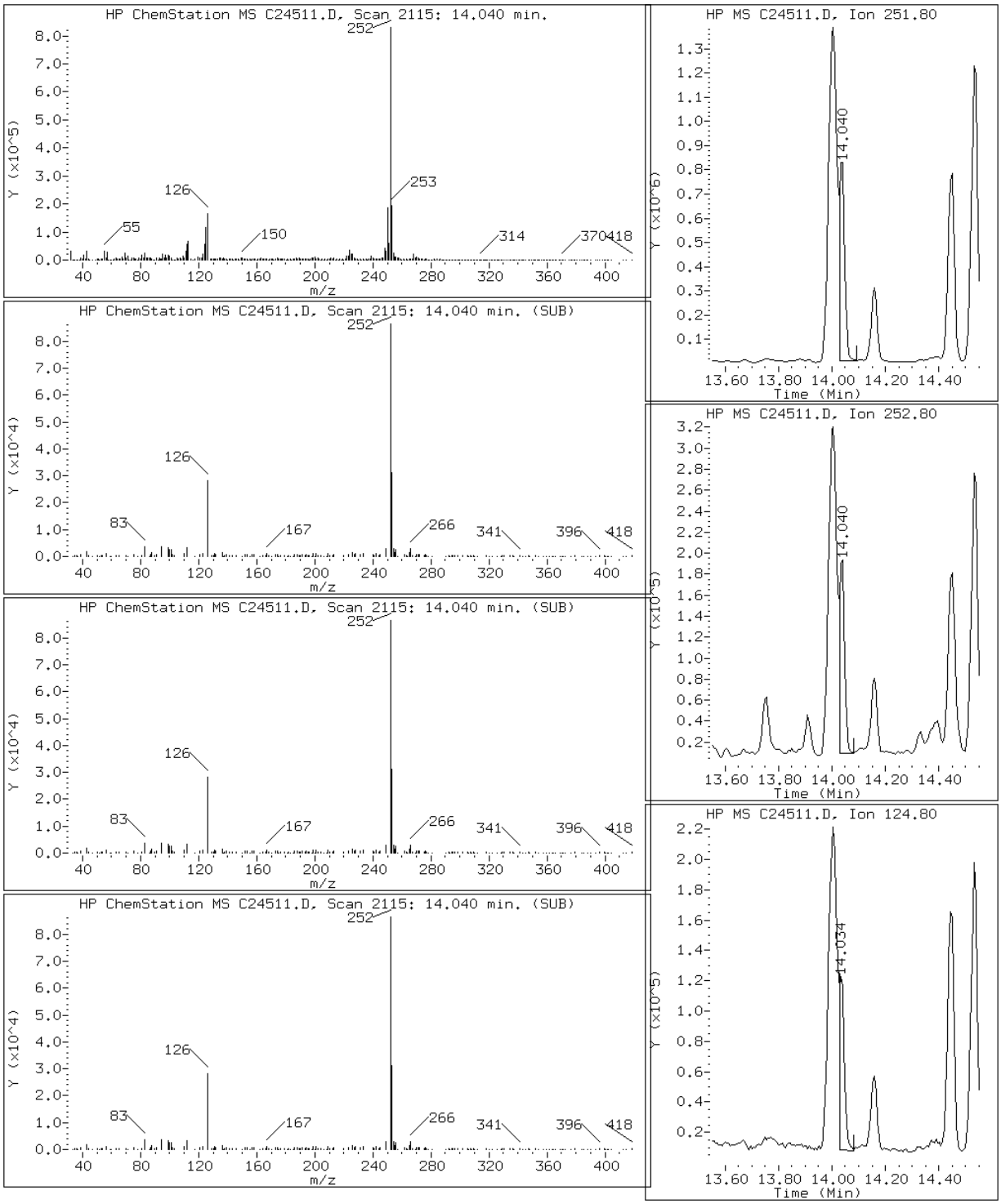
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

82 Benzo(k)fluoranthene



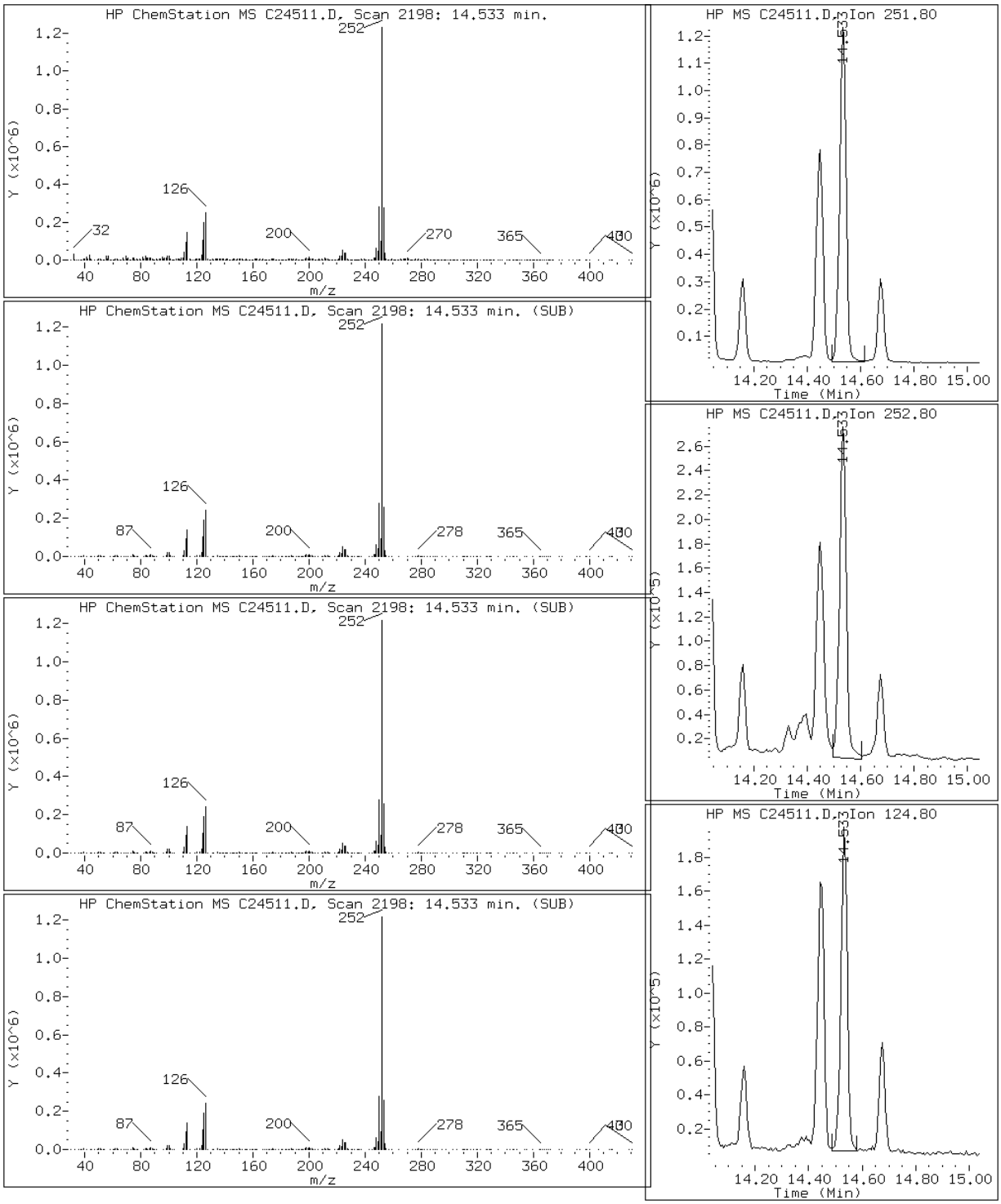
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

83 Benzo(a)pyrene



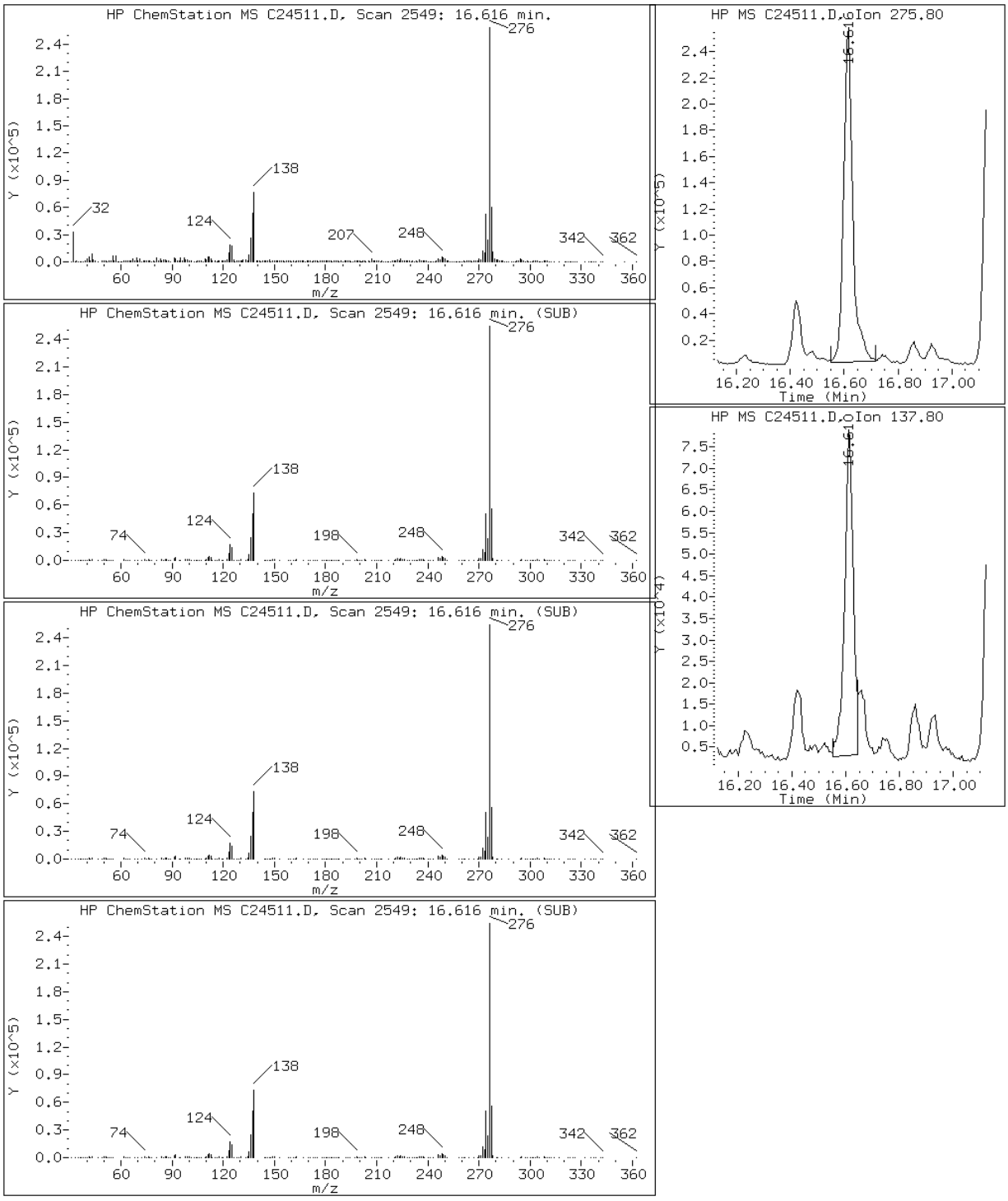
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

84 Indeno(1,2,3-cd)pyrene



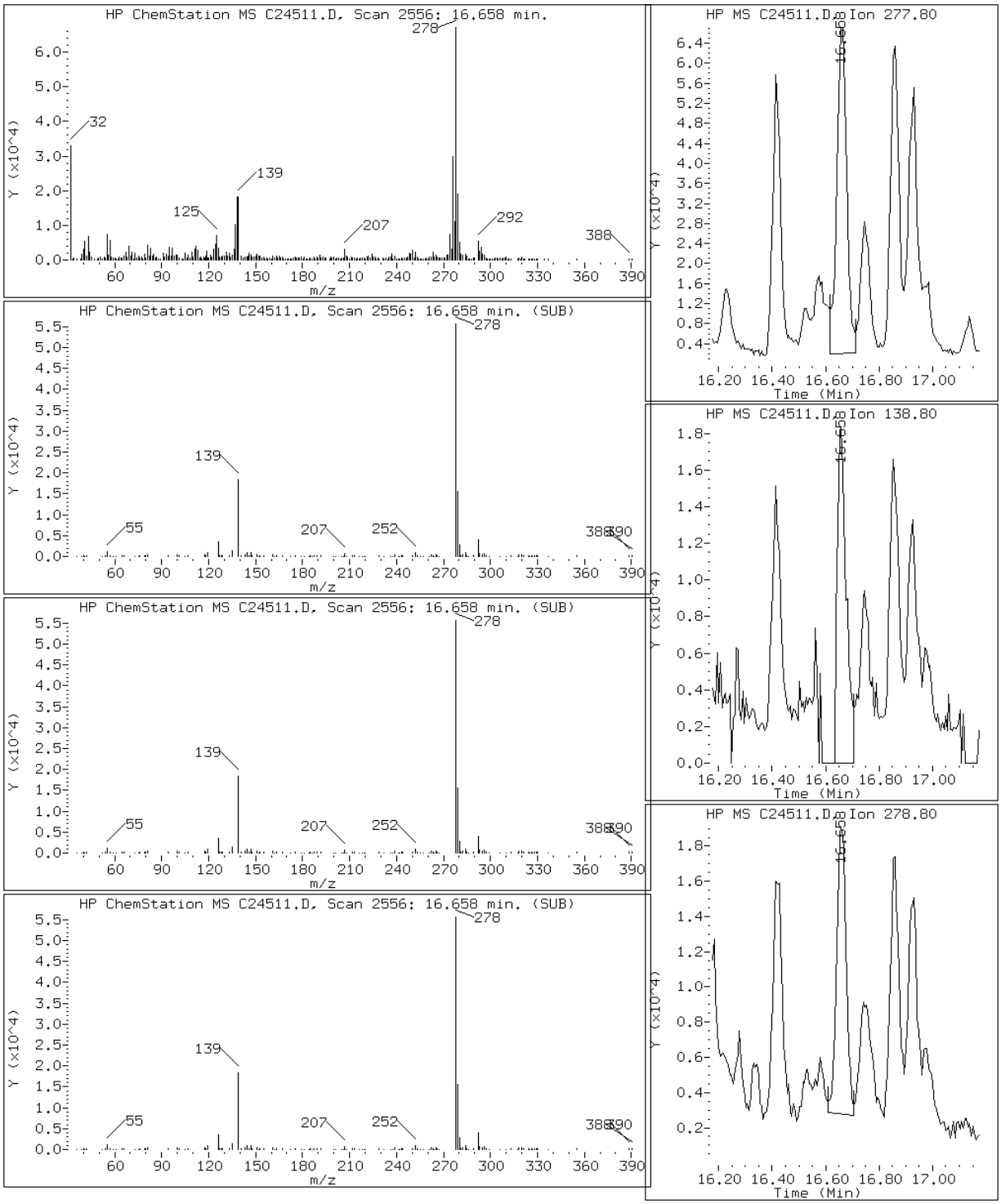
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

85 Dibenzo(a,h)anthracene



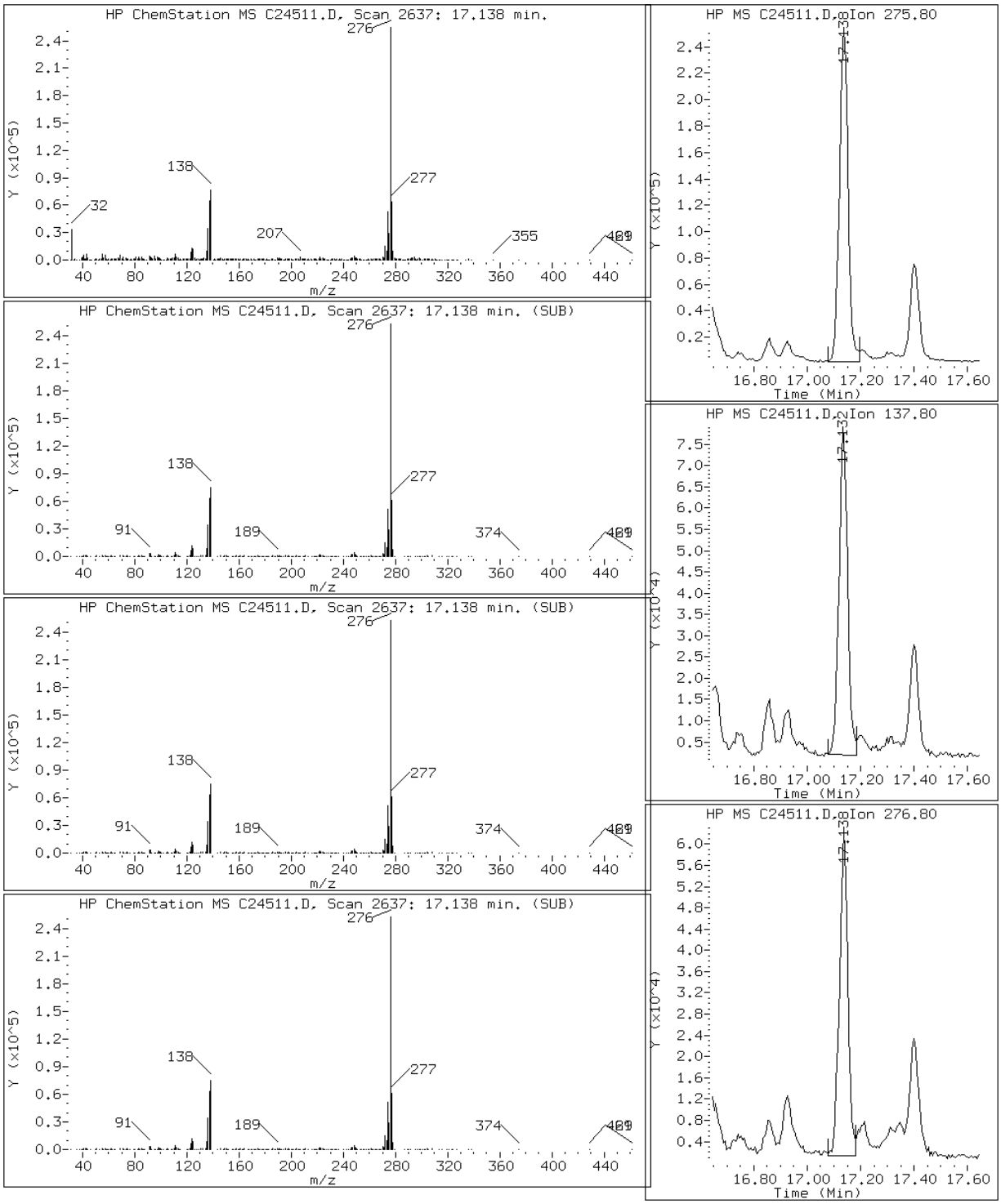
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

86 Benzo(g,h,i)perylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: C24503.D

Analysis Method: 8270C | Date Collected: 07/13/2011 10:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.02(g) | Date Analyzed: 07/27/2011 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	310	U	310	20
111-44-4	Bis(2-chloroethyl)ether	310	U	310	16
95-57-8	2-Chlorophenol	310	U	310	18
541-73-1	1,3-Dichlorobenzene	310	U	310	15
106-46-7	1,4-Dichlorobenzene	310	U	310	18
100-51-6	Benzyl alcohol	310	U	310	29
95-50-1	1,2-Dichlorobenzene	310	U	310	18
108-60-1	2,2'-oxybis[1-chloropropane]	310	U	310	16
95-48-7	2-Methylphenol	310	U	310	18
67-72-1	Hexachloroethane	310	U	310	18
621-64-7	N-Nitrosodi-n-propylamine	310	U	310	21
106-44-5	4-Methylphenol	310	U	310	20
98-95-3	Nitrobenzene	310	U	310	20
78-59-1	Isophorone	310	U	310	17
88-75-5	2-Nitrophenol	310	U	310	19
105-67-9	2,4-Dimethylphenol	310	U	310	15
111-91-1	Bis(2-chloroethoxy)methane	310	U	310	14
120-83-2	2,4-Dichlorophenol	310	U	310	16
120-82-1	1,2,4-Trichlorobenzene	310	U	310	20
91-20-3	Naphthalene	310	U	310	16
106-47-8	4-Chloroaniline	310	U	310	50
87-68-3	Hexachlorobutadiene	310	U	310	24
59-50-7	4-Chloro-3-methylphenol	310	U	310	13
91-57-6	2-Methylnaphthalene	310	U	310	8.8
77-47-4	Hexachlorocyclopentadiene	760	U	760	140
88-06-2	2,4,6-Trichlorophenol	310	U	310	8.4
95-95-4	2,4,5-Trichlorophenol	1900	U	1900	16
91-58-7	2-Chloronaphthalene	310	U	310	13
88-74-4	2-Nitroaniline	760	U	760	19
208-96-8	Acenaphthylene	310	U	310	15
131-11-3	Dimethyl phthalate	310	U	310	18
606-20-2	2,6-Dinitrotoluene	310	U	310	9.0
83-32-9	Acenaphthene	310	U	310	18
99-09-2	3-Nitroaniline	760	U	760	9.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: C24503.D

Analysis Method: 8270C | Date Collected: 07/13/2011 10:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.02(g) | Date Analyzed: 07/27/2011 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1900	U	1900	92
132-64-9	Dibenzofuran	310	U	310	22
121-14-2	2,4-Dinitrotoluene	310	U	310	25
100-02-7	4-Nitrophenol	1900	U	1900	23
86-73-7	Fluorene	310	U	310	18
7005-72-3	4-Chlorophenyl phenyl ether	310	U	310	23
84-66-2	Diethyl phthalate	310	U	310	31
100-01-6	4-Nitroaniline	310	U	310	24
534-52-1	4,6-Dinitro-2-methylphenol	1900	U	1900	130
86-30-6	N-Nitrosodiphenylamine	310	U	310	17
101-55-3	4-Bromophenyl phenyl ether	310	U	310	20
118-74-1	Hexachlorobenzene	310	U	310	21
87-86-5	Pentachlorophenol	760	U	760	190
85-01-8	Phenanthrene	310	U	310	15
86-74-8	Carbazole	310	U	310	17
120-12-7	Anthracene	310	U	310	12
84-74-2	Di-n-butyl phthalate	310	U	310	45
206-44-0	Fluoranthene	310	U	310	15
129-00-0	Pyrene	24	J	310	14
85-68-7	Butyl benzyl phthalate	310	U	310	17
91-94-1	3,3'-Dichlorobenzidine	380	U	380	63
56-55-3	Benzo[a]anthracene	310	U	310	11
218-01-9	Chrysene	310	U	310	23
117-81-7	Bis(2-ethylhexyl) phthalate	300	J B	310	30
117-84-0	Di-n-octyl phthalate	310	U	310	17
205-99-2	Benzo[b]fluoranthene	310	U	310	8.2
207-08-9	Benzo[k]fluoranthene	310	U	310	28
50-32-8	Benzo[a]pyrene	310	U	310	8.3
193-39-5	Indeno[1,2,3-cd]pyrene	310	U	310	20
53-70-3	Dibenz(a,h)anthracene	310	U	310	24
191-24-2	Benzo[g,h,i]perylene	310	U	310	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: C24503.D

Analysis Method: 8270C | Date Collected: 07/13/2011 10:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.02(g) | Date Analyzed: 07/27/2011 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	68		36-120
4165-60-0	Nitrobenzene-d5	64		38-120
321-60-8	2-Fluorobiphenyl	64		41-120
118-79-6	2,4,6-Tribromophenol	77		37-120
1718-51-0	Terphenyl-d14	64		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24503.D
Lab Smp Id: 220-16030-B-2-A Client Smp ID: SB142B_3-4
Inj Date : 27-JUL-2011 11:06
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-2-A
Misc Info : 220-16030-B-2-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.020	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	12.385	% Moisture
Cpnd Variable		Local Compound Variable

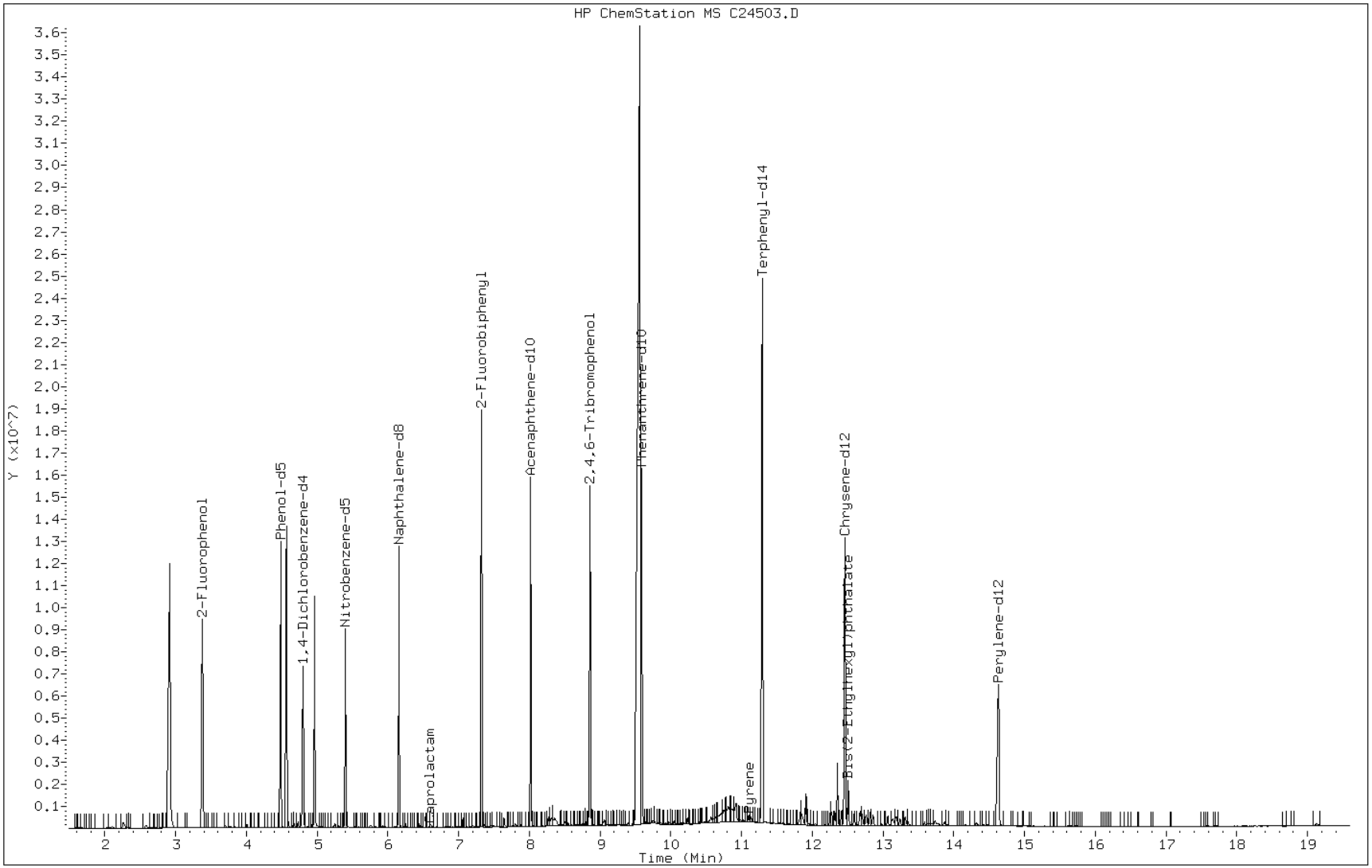
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1182249	20.0000	
$	2	2-Fluorophenol	112	3.380	3.356	(0.704)	3180080	49.0132	3700
$	3	Phenol-d5	99	4.490	4.490	(0.936)	4490443	50.6603	3800
*	20	Naphthalene-d8	136	6.158	6.163	(1.000)	4938718	20.0000	
$	21	Nitrobenzene-d5	82	5.398	5.409	(0.877)	2736559	32.2020	2400
	129	Caprolactam	113	6.591	6.686	(1.070)	15995	0.67421	51
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3095293	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5806763	31.8264	2400
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1530754	57.5049	4400
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5600085	20.0000	
*	70	Chrysene-d12	240	12.461	12.472	(1.000)	5678703	20.0000	
	72	Pyrene	202	11.102	11.113	(0.891)	109594	0.31099	24
$	73	Terphenyl-d14	244	11.292	11.291	(0.906)	7781542	31.8985	2400
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	644509	3.98018	300
*	79	Perylene-d12	264	14.633	14.633	(1.000)	4103981	20.0000	

Data File: C24503.D

Date: 27-JUL-2011 11:06

Client ID: SB142B_3-4 Instrument: msc.i

Sample Info: 220-16030-B-2-A Operator: S.Jonas



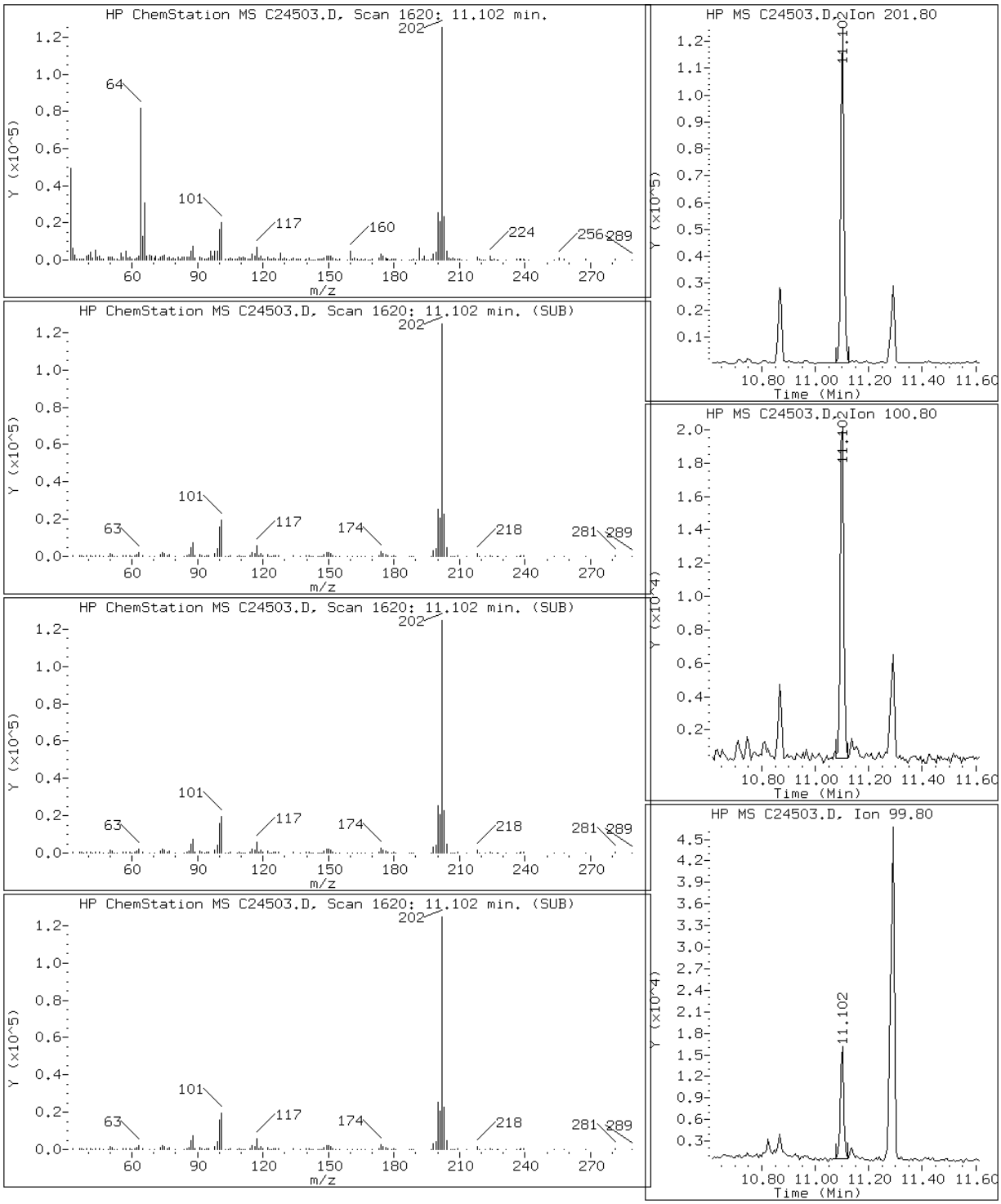
Data File: C24503.D

Date: 27-JUL-2011 11:06

Client ID: SB142B_3-4 Instrument: msc.i

Sample Info: 220-16030-B-2-A Operator: S.Jonas

72 Pyrene



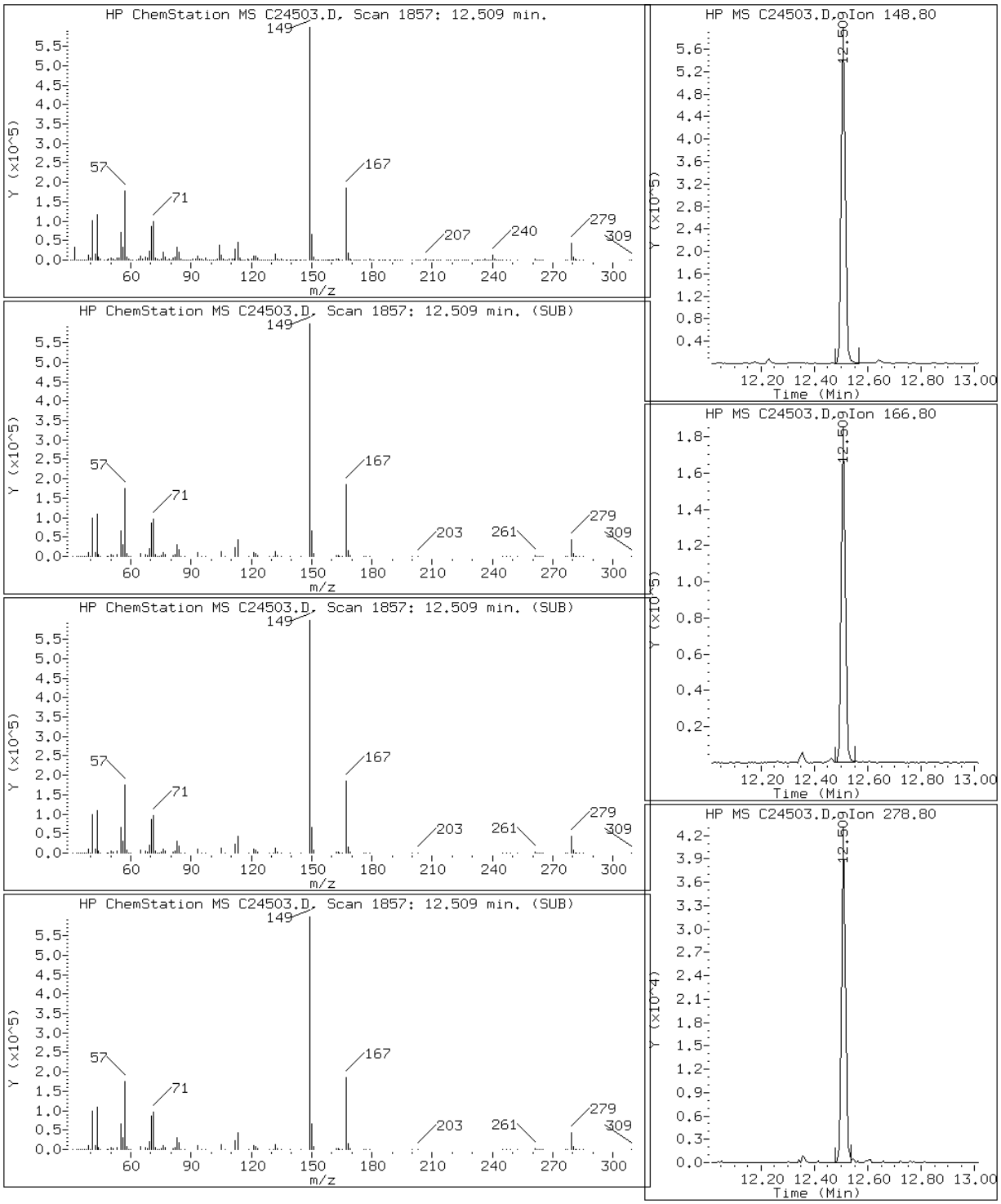
Data File: C24503.D

Date: 27-JUL-2011 11:06

Client ID: SB142B_3-4 Instrument: msc.i

Sample Info: 220-16030-B-2-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: C24504.D

Analysis Method: 8270C | Date Collected: 07/14/2011 12:20

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.40(g) | Date Analyzed: 07/27/2011 11:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	25
111-44-4	Bis(2-chloroethyl)ether	370	U	370	19
95-57-8	2-Chlorophenol	370	U	370	21
541-73-1	1,3-Dichlorobenzene	370	U	370	18
106-46-7	1,4-Dichlorobenzene	370	U	370	22
100-51-6	Benzyl alcohol	370	U	370	35
95-50-1	1,2-Dichlorobenzene	370	U	370	22
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	19
95-48-7	2-Methylphenol	370	U	370	22
67-72-1	Hexachloroethane	370	U	370	21
621-64-7	N-Nitrosodi-n-propylamine	370	U	370	25
106-44-5	4-Methylphenol	370	U	370	24
98-95-3	Nitrobenzene	370	U	370	24
78-59-1	Isophorone	370	U	370	20
88-75-5	2-Nitrophenol	370	U	370	23
105-67-9	2,4-Dimethylphenol	370	U	370	18
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	17
120-83-2	2,4-Dichlorophenol	370	U	370	20
120-82-1	1,2,4-Trichlorobenzene	370	U	370	24
91-20-3	Naphthalene	370	U	370	19
106-47-8	4-Chloroaniline	370	U	370	60
87-68-3	Hexachlorobutadiene	370	U	370	28
59-50-7	4-Chloro-3-methylphenol	370	U	370	15
91-57-6	2-Methylnaphthalene	370	U	370	11
77-47-4	Hexachlorocyclopentadiene	920	U	920	170
88-06-2	2,4,6-Trichlorophenol	370	U	370	10
95-95-4	2,4,5-Trichlorophenol	2300	U	2300	19
91-58-7	2-Chloronaphthalene	370	U	370	16
88-74-4	2-Nitroaniline	920	U	920	22
208-96-8	Acenaphthylene	370	U	370	18
131-11-3	Dimethyl phthalate	370	U	370	21
606-20-2	2,6-Dinitrotoluene	370	U	370	11
83-32-9	Acenaphthene	370	U	370	22
99-09-2	3-Nitroaniline	920	U	920	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: C24504.D

Analysis Method: 8270C | Date Collected: 07/14/2011 12:20

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.40(g) | Date Analyzed: 07/27/2011 11:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2300	U	2300	110
132-64-9	Dibenzofuran	370	U	370	26
121-14-2	2,4-Dinitrotoluene	370	U	370	29
100-02-7	4-Nitrophenol	2300	U	2300	28
86-73-7	Fluorene	370	U	370	22
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	27
84-66-2	Diethyl phthalate	370	U	370	37
100-01-6	4-Nitroaniline	370	U	370	28
534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	160
86-30-6	N-Nitrosodiphenylamine	370	U	370	21
101-55-3	4-Bromophenyl phenyl ether	370	U	370	24
118-74-1	Hexachlorobenzene	370	U	370	26
87-86-5	Pentachlorophenol	920	U	920	220
85-01-8	Phenanthrene	370	U	370	18
86-74-8	Carbazole	370	U	370	21
120-12-7	Anthracene	370	U	370	14
84-74-2	Di-n-butyl phthalate	370	U	370	54
206-44-0	Fluoranthene	370	U	370	18
129-00-0	Pyrene	370	U	370	17
85-68-7	Butyl benzyl phthalate	370	U	370	21
91-94-1	3,3'-Dichlorobenzidine	450	U	450	76
56-55-3	Benzo[a]anthracene	370	U	370	13
218-01-9	Chrysene	370	U	370	27
117-81-7	Bis(2-ethylhexyl) phthalate	270	J B	370	36
117-84-0	Di-n-octyl phthalate	370	U	370	21
205-99-2	Benzo[b]fluoranthene	370	U	370	9.9
207-08-9	Benzo[k]fluoranthene	370	U	370	33
50-32-8	Benzo[a]pyrene	370	U	370	10
193-39-5	Indeno[1,2,3-cd]pyrene	370	U	370	24
53-70-3	Dibenz(a,h)anthracene	370	U	370	29
191-24-2	Benzo[g,h,i]perylene	370	U	370	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: C24504.D

Analysis Method: 8270C | Date Collected: 07/14/2011 12:20

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.40(g) | Date Analyzed: 07/27/2011 11:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	62		34-120
4165-62-2	Phenol-d5	63		36-120
4165-60-0	Nitrobenzene-d5	62		38-120
321-60-8	2-Fluorobiphenyl	59		41-120
118-79-6	2,4,6-Tribromophenol	70		37-120
1718-51-0	Terphenyl-d14	58		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24504.D
Lab Smp Id: 220-16030-B-3-A Client Smp ID: SB142B_22-22.5
Inj Date : 27-JUL-2011 11:36
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-3-A
Misc Info : 220-16030-B-3-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.400	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	28.841	% Moisture
Cpnd Variable		Local Compound Variable

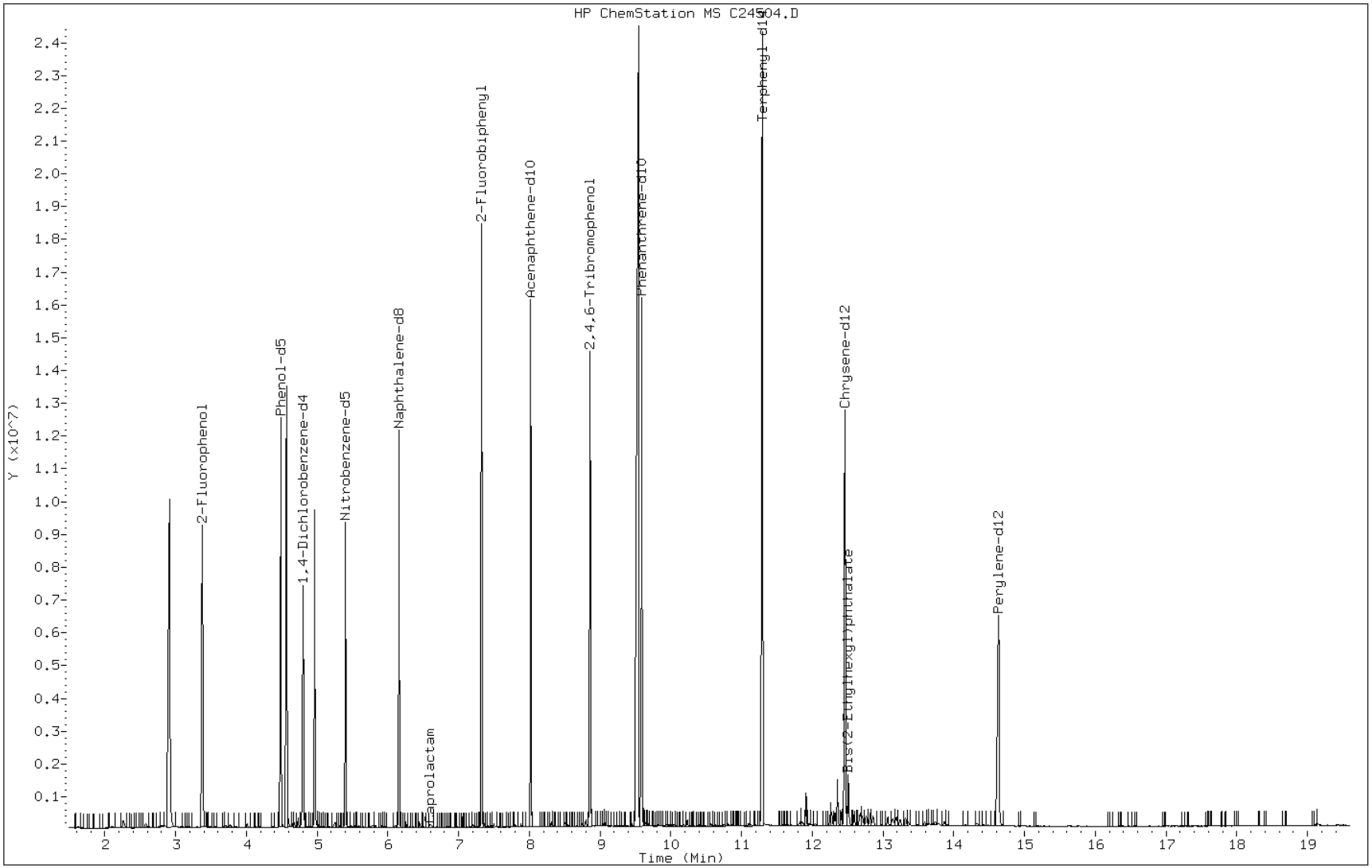
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1179863	20.0000	
$	2	2-Fluorophenol	112	3.380	3.356	(0.704)	3027938	46.7626	4300
$	3	Phenol-d5	99	4.490	4.490	(0.935)	4198069	47.4576	4300
*	20	Naphthalene-d8	136	6.157	6.163	(1.000)	4855744	20.0000	
$	21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2577015	30.8427	2800
	129	Caprolactam	113	6.591	6.686	(1.070)	11852	0.50811	46
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3147790	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5441516	29.3271	2700
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1420810	52.4846	4800
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5567535	20.0000	
*	70	Chrysene-d12	240	12.461	12.472	(1.000)	5773419	20.0000	
$	73	Terphenyl-d14	244	11.291	11.291	(0.906)	7225494	29.1332	2700
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	490808	2.98127	270
*	79	Perylene-d12	264	14.633	14.633	(1.000)	4089267	20.0000	

Data File: C24504.D

Date: 27-JUL-2011 11:36

Client ID: SB142B_22-22.5 Instrument: msc.i

Sample Info: 220-16030-B-3-A Operator: S.Jonas



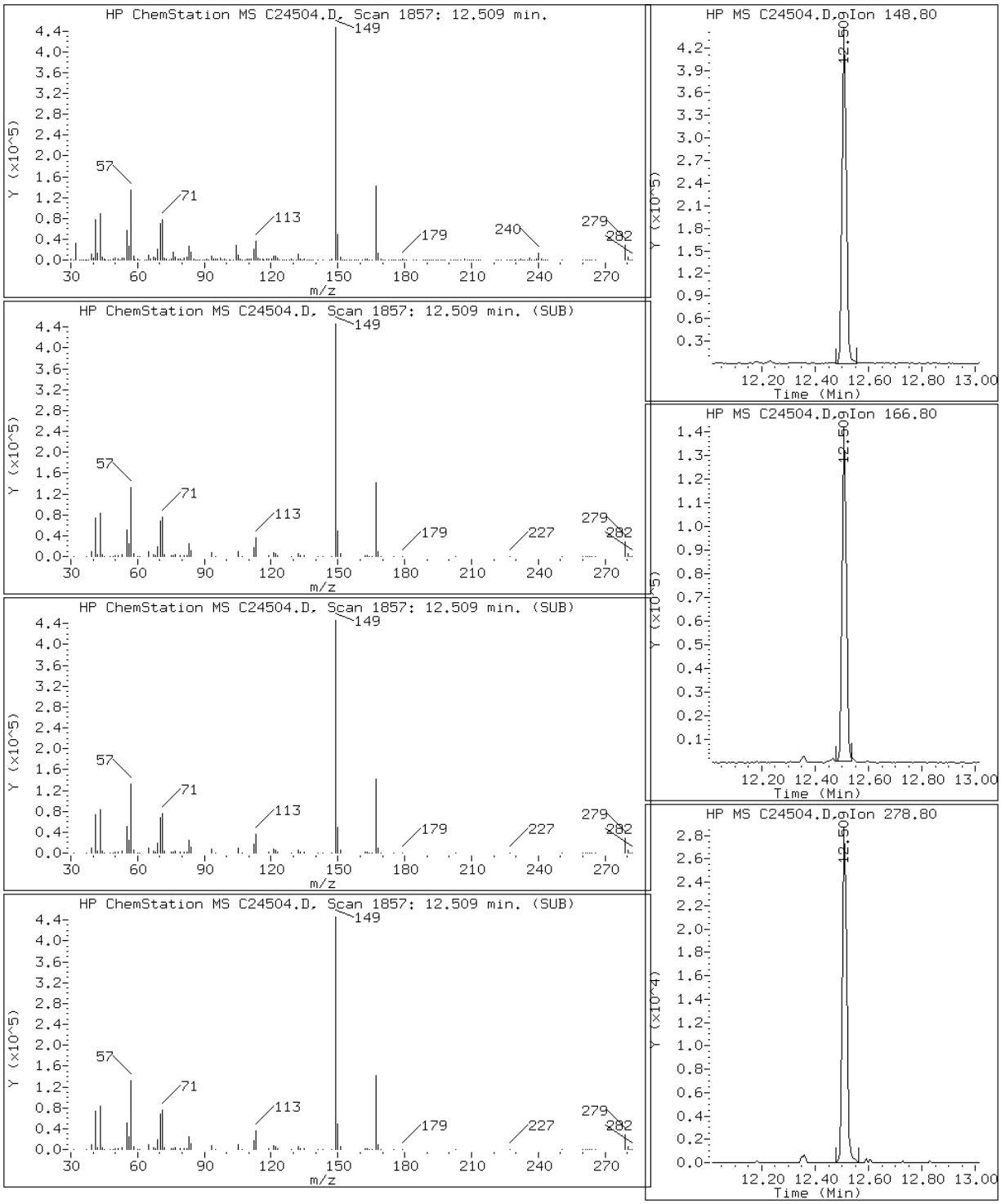
Data File: C24504.D

Date: 27-JUL-2011 11:36

Client ID: SB142B_22-22.5 Instrument: msc.i

Sample Info: 220-16030-B-3-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 | Lab Sample ID: 220-16030-4

Matrix: Solid | Lab File ID: C24505.D

Analysis Method: 8270C | Date Collected: 07/14/2011 15:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.60(g) | Date Analyzed: 07/27/2011 12:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	320	U	320	22
111-44-4	Bis(2-chloroethyl)ether	320	U	320	17
95-57-8	2-Chlorophenol	320	U	320	19
541-73-1	1,3-Dichlorobenzene	320	U	320	16
106-46-7	1,4-Dichlorobenzene	320	U	320	19
100-51-6	Benzyl alcohol	320	U	320	31
95-50-1	1,2-Dichlorobenzene	320	U	320	19
108-60-1	2,2'-oxybis[1-chloropropane]	320	U	320	17
95-48-7	2-Methylphenol	320	U	320	19
67-72-1	Hexachloroethane	320	U	320	19
621-64-7	N-Nitrosodi-n-propylamine	320	U	320	22
106-44-5	4-Methylphenol	320	U	320	21
98-95-3	Nitrobenzene	320	U	320	21
78-59-1	Isophorone	320	U	320	18
88-75-5	2-Nitrophenol	320	U	320	20
105-67-9	2,4-Dimethylphenol	320	U	320	16
111-91-1	Bis(2-chloroethoxy)methane	320	U	320	15
120-83-2	2,4-Dichlorophenol	320	U	320	17
120-82-1	1,2,4-Trichlorobenzene	320	U	320	21
91-20-3	Naphthalene	320	U	320	17
106-47-8	4-Chloroaniline	320	U	320	53
87-68-3	Hexachlorobutadiene	320	U	320	25
59-50-7	4-Chloro-3-methylphenol	320	U	320	13
91-57-6	2-Methylnaphthalene	320	U	320	9.3
77-47-4	Hexachlorocyclopentadiene	810	U	810	150
88-06-2	2,4,6-Trichlorophenol	320	U	320	8.9
95-95-4	2,4,5-Trichlorophenol	2000	U	2000	16
91-58-7	2-Chloronaphthalene	320	U	320	14
88-74-4	2-Nitroaniline	810	U	810	20
208-96-8	Acenaphthylene	320	U	320	16
131-11-3	Dimethyl phthalate	320	U	320	19
606-20-2	2,6-Dinitrotoluene	320	U	320	9.5
83-32-9	Acenaphthene	320	U	320	19
99-09-2	3-Nitroaniline	810	U	810	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 | Lab Sample ID: 220-16030-4

Matrix: Solid | Lab File ID: C24505.D

Analysis Method: 8270C | Date Collected: 07/14/2011 15:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.60(g) | Date Analyzed: 07/27/2011 12:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2000	U	2000	97
132-64-9	Dibenzofuran	320	U	320	23
121-14-2	2,4-Dinitrotoluene	320	U	320	26
100-02-7	4-Nitrophenol	2000	U	2000	25
86-73-7	Fluorene	320	U	320	19
7005-72-3	4-Chlorophenyl phenyl ether	320	U	320	24
84-66-2	Diethyl phthalate	320	U	320	33
100-01-6	4-Nitroaniline	320	U	320	25
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	140
86-30-6	N-Nitrosodiphenylamine	320	U	320	18
101-55-3	4-Bromophenyl phenyl ether	320	U	320	21
118-74-1	Hexachlorobenzene	320	U	320	22
87-86-5	Pentachlorophenol	810	U	810	200
85-01-8	Phenanthrene	320	U	320	16
86-74-8	Carbazole	320	U	320	18
120-12-7	Anthracene	320	U	320	13
84-74-2	Di-n-butyl phthalate	320	U	320	47
206-44-0	Fluoranthene	320	U	320	16
129-00-0	Pyrene	320	U	320	15
85-68-7	Butyl benzyl phthalate	320	U	320	18
91-94-1	3,3'-Dichlorobenzidine	400	U	400	67
56-55-3	Benzo[a]anthracene	320	U	320	12
218-01-9	Chrysene	320	U	320	24
117-81-7	Bis(2-ethylhexyl) phthalate	59	J B	320	31
117-84-0	Di-n-octyl phthalate	320	U	320	18
205-99-2	Benzo[b]fluoranthene	320	U	320	8.7
207-08-9	Benzo[k]fluoranthene	320	U	320	29
50-32-8	Benzo[a]pyrene	320	U	320	8.8
193-39-5	Indeno[1,2,3-cd]pyrene	320	U	320	21
53-70-3	Dibenz(a,h)anthracene	320	U	320	25
191-24-2	Benzo[g,h,i]perylene	320	U	320	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 Lab Sample ID: 220-16030-4

Matrix: Solid Lab File ID: C24505.D

Analysis Method: 8270C Date Collected: 07/14/2011 15:30

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.60(g) Date Analyzed: 07/27/2011 12:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	70		34-120
4165-62-2	Phenol-d5	71		36-120
4165-60-0	Nitrobenzene-d5	69		38-120
321-60-8	2-Fluorobiphenyl	65		41-120
118-79-6	2,4,6-Tribromophenol	76		37-120
1718-51-0	Terphenyl-d14	67		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24505.D
Lab Smp Id: 220-16030-B-4-A Client Smp ID: SB-143 3-4
Inj Date : 27-JUL-2011 12:06
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-4-A
Misc Info : 220-16030-B-4-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.600	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	20.043	% Moisture
Cpnd Variable		Local Compound Variable

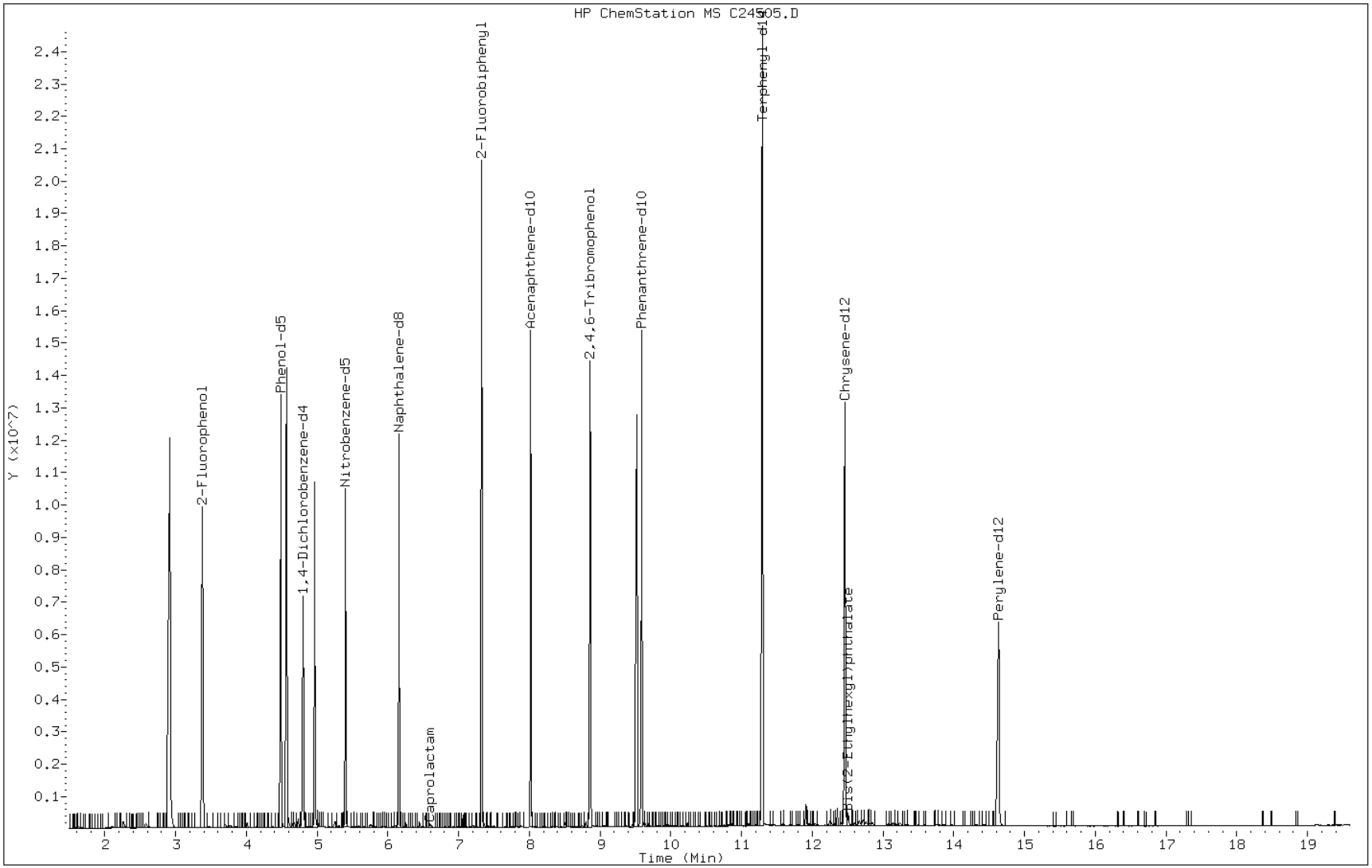
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1144383	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3288074	52.3545	4200
$ 3	Phenol-d5	99	4.489	4.490	(0.935)	4549999	53.0307	4300
* 20	Naphthalene-d8	136	6.157	6.163	(1.000)	4779844	20.0000	
$ 21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2843355	34.5708	2800
129	Caprolactam	113	6.591	6.686	(1.070)	11194	0.48752	39
* 35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3041544	20.0000	
$ 40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5865046	32.7139	2600
$ 56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1495202	57.1620	4600
* 57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5308836	20.0000	
* 70	Chrysene-d12	240	12.461	12.472	(1.000)	5445096	20.0000	
$ 73	Terphenyl-d14	244	11.291	11.291	(0.906)	7789809	33.3024	2700
78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	113773	0.73275	59
* 79	Perylene-d12	264	14.633	14.633	(1.000)	3894588	20.0000	

Data File: C24505.D

Date: 27-JUL-2011 12:06

Client ID: SB-143 3-4 Instrument: msc.i

Sample Info: 220-16030-B-4-A Operator: S.Jonas



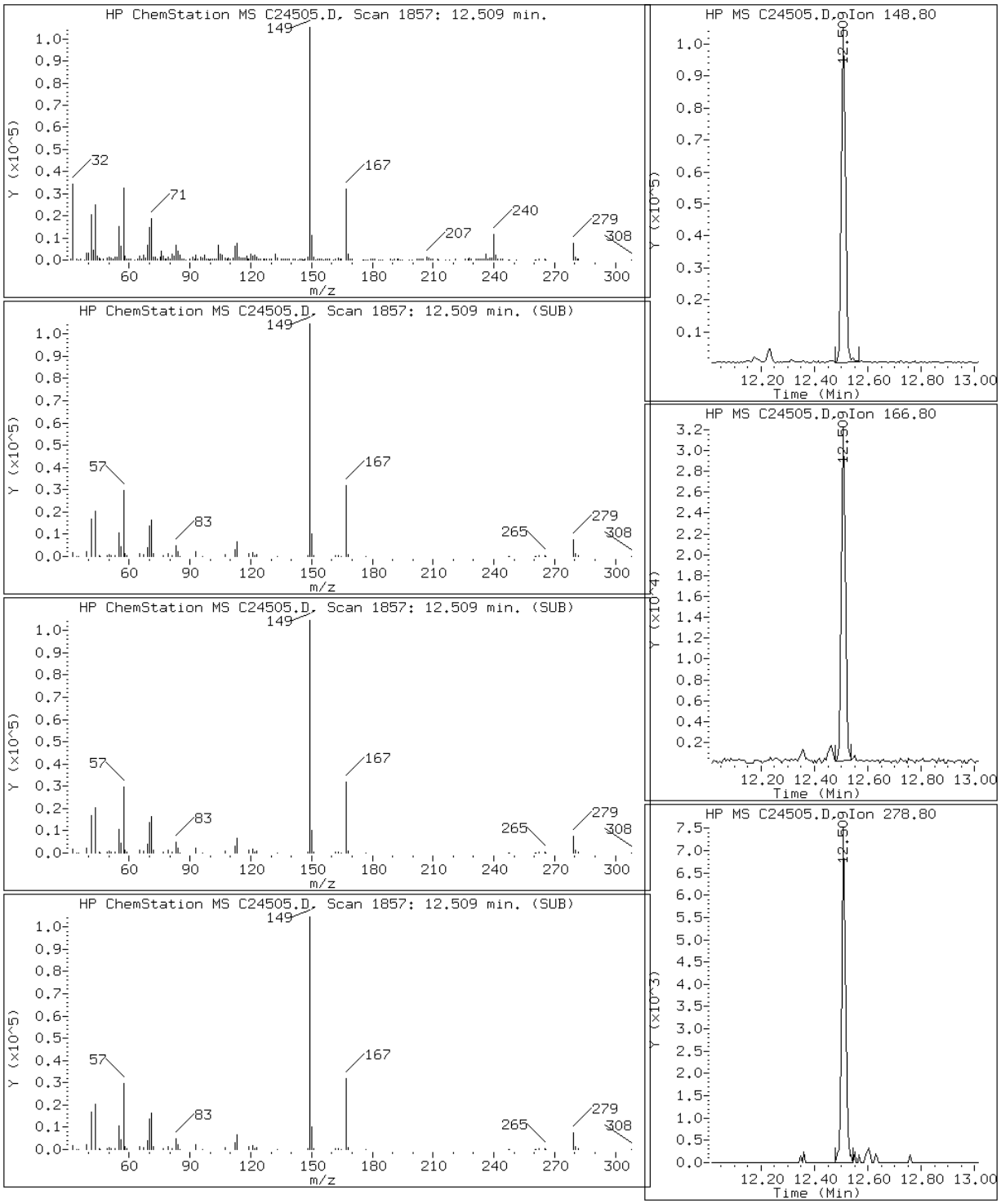
Data File: C24505.D

Date: 27-JUL-2011 12:06

Client ID: SB-143 3-4 Instrument: msc.i

Sample Info: 220-16030-B-4-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: C24506.D

Analysis Method: 8270C | Date Collected: 07/14/2011 22:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.45(g) | Date Analyzed: 07/27/2011 12:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	310	U	310	21
111-44-4	Bis(2-chloroethyl)ether	310	U	310	16
95-57-8	2-Chlorophenol	310	U	310	18
541-73-1	1,3-Dichlorobenzene	310	U	310	16
106-46-7	1,4-Dichlorobenzene	310	U	310	19
100-51-6	Benzyl alcohol	310	U	310	30
95-50-1	1,2-Dichlorobenzene	310	U	310	19
108-60-1	2,2'-oxybis[1-chloropropane]	310	U	310	16
95-48-7	2-Methylphenol	310	U	310	19
67-72-1	Hexachloroethane	310	U	310	18
621-64-7	N-Nitrosodi-n-propylamine	310	U	310	21
106-44-5	4-Methylphenol	310	U	310	21
98-95-3	Nitrobenzene	310	U	310	20
78-59-1	Isophorone	310	U	310	17
88-75-5	2-Nitrophenol	310	U	310	20
105-67-9	2,4-Dimethylphenol	310	U	310	15
111-91-1	Bis(2-chloroethoxy)methane	310	U	310	15
120-83-2	2,4-Dichlorophenol	310	U	310	17
120-82-1	1,2,4-Trichlorobenzene	310	U	310	21
91-20-3	Naphthalene	310	U	310	16
106-47-8	4-Chloroaniline	310	U	310	51
87-68-3	Hexachlorobutadiene	310	U	310	24
59-50-7	4-Chloro-3-methylphenol	310	U	310	13
91-57-6	2-Methylnaphthalene	310	U	310	8.9
77-47-4	Hexachlorocyclopentadiene	780	U	780	150
88-06-2	2,4,6-Trichlorophenol	310	U	310	8.6
95-95-4	2,4,5-Trichlorophenol	2000	U	2000	16
91-58-7	2-Chloronaphthalene	310	U	310	13
88-74-4	2-Nitroaniline	780	U	780	19
208-96-8	Acenaphthylene	310	U	310	15
131-11-3	Dimethyl phthalate	310	U	310	18
606-20-2	2,6-Dinitrotoluene	310	U	310	9.2
83-32-9	Acenaphthene	310	U	310	19
99-09-2	3-Nitroaniline	780	U	780	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: C24506.D

Analysis Method: 8270C | Date Collected: 07/14/2011 22:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.45(g) | Date Analyzed: 07/27/2011 12:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2000	U	2000	94
132-64-9	Dibenzofuran	310	U	310	22
121-14-2	2,4-Dinitrotoluene	310	U	310	25
100-02-7	4-Nitrophenol	2000	U	2000	24
86-73-7	Fluorene	310	U	310	19
7005-72-3	4-Chlorophenyl phenyl ether	310	U	310	23
84-66-2	Diethyl phthalate	310	U	310	32
100-01-6	4-Nitroaniline	310	U	310	24
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	130
86-30-6	N-Nitrosodiphenylamine	310	U	310	18
101-55-3	4-Bromophenyl phenyl ether	310	U	310	20
118-74-1	Hexachlorobenzene	310	U	310	22
87-86-5	Pentachlorophenol	780	U	780	190
85-01-8	Phenanthrene	310	U	310	15
86-74-8	Carbazole	310	U	310	17
120-12-7	Anthracene	310	U	310	12
84-74-2	Di-n-butyl phthalate	310	U	310	46
206-44-0	Fluoranthene	310	U	310	16
129-00-0	Pyrene	310	U	310	15
85-68-7	Butyl benzyl phthalate	310	U	310	18
91-94-1	3,3'-Dichlorobenzidine	380	U	380	64
56-55-3	Benzo[a]anthracene	310	U	310	11
218-01-9	Chrysene	310	U	310	23
117-81-7	Bis(2-ethylhexyl) phthalate	59	J B	310	30
117-84-0	Di-n-octyl phthalate	310	U	310	18
205-99-2	Benzo[b]fluoranthene	310	U	310	8.4
207-08-9	Benzo[k]fluoranthene	310	U	310	28
50-32-8	Benzo[a]pyrene	310	U	310	8.5
193-39-5	Indeno[1,2,3-cd]pyrene	310	U	310	20
53-70-3	Dibenz(a,h)anthracene	310	U	310	25
191-24-2	Benzo[g,h,i]perylene	310	U	310	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: C24506.D

Analysis Method: 8270C | Date Collected: 07/14/2011 22:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.45(g) | Date Analyzed: 07/27/2011 12:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	68		34-120
4165-62-2	Phenol-d5	69		36-120
4165-60-0	Nitrobenzene-d5	69		38-120
321-60-8	2-Fluorobiphenyl	64		41-120
118-79-6	2,4,6-Tribromophenol	71		37-120
1718-51-0	Terphenyl-d14	63		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24506.D
Lab Smp Id: 220-16030-B-5-A Client Smp ID: SB-143 32-33
Inj Date : 27-JUL-2011 12:37
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-5-A
Misc Info : 220-16030-B-5-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.450	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	16.444	% Moisture
Cpnd Variable		Local Compound Variable

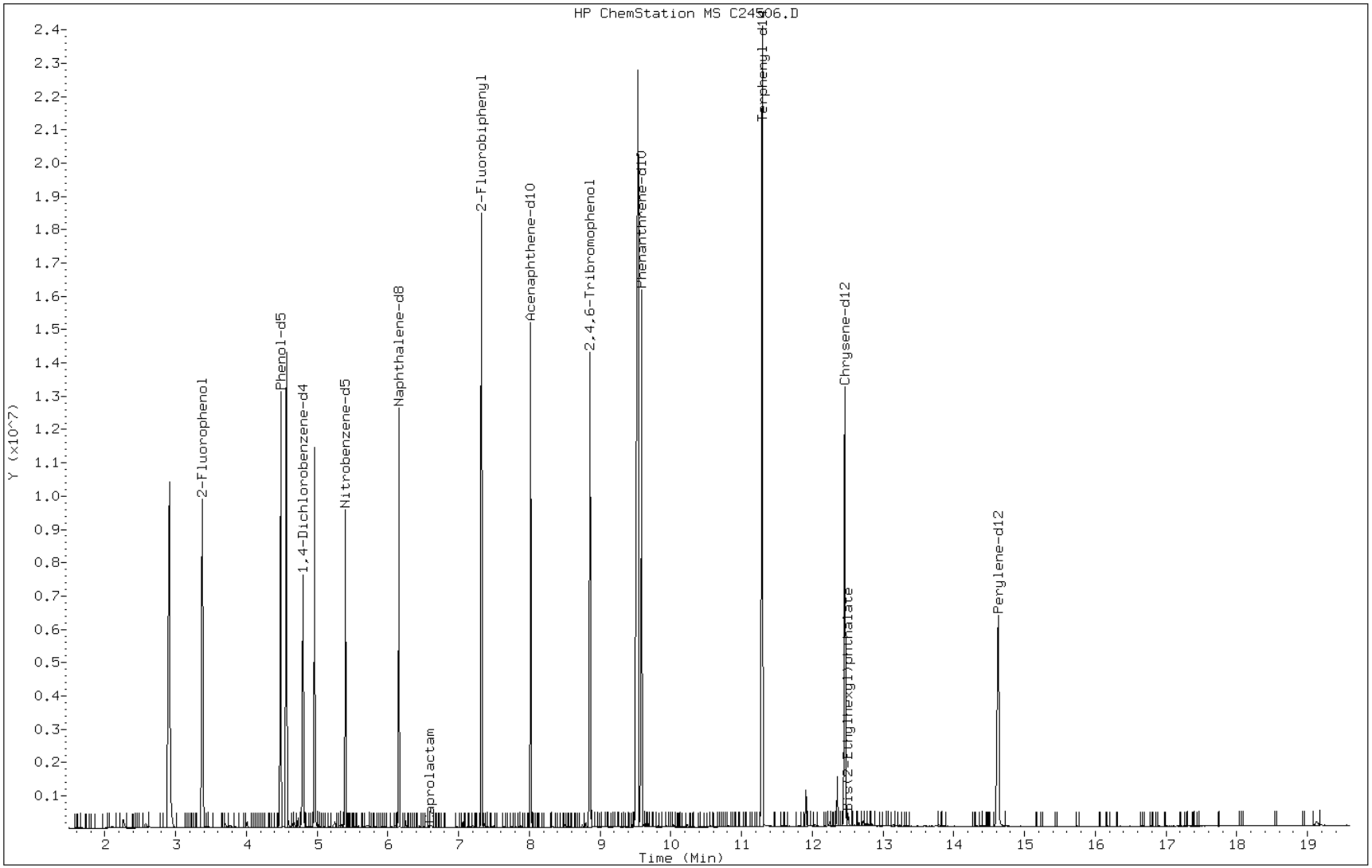
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1188537	20.0000	
$	2	2-Fluorophenol	112	3.374	3.356	(0.703)	3314826	50.8196	3900
$	3	Phenol-d5	99	4.490	4.490	(0.936)	4581852	51.4181	4000
*	20	Naphthalene-d8	136	6.157	6.163	(1.000)	4866474	20.0000	
$	21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2880644	34.4007	2700
	129	Caprolactam	113	6.591	6.686	(1.070)	10860	0.46456	36
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3116218	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5912412	32.1879	2500
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1433896	53.5046	4100
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5482956	20.0000	
*	70	Chrysene-d12	240	12.461	12.472	(1.000)	5578396	20.0000	
$	73	Terphenyl-d14	244	11.291	11.291	(0.906)	7560793	31.5509	2400
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	121671	0.76489	59
*	79	Perylene-d12	264	14.627	14.633	(1.000)	3899874	20.0000	

Data File: C24506.D

Date: 27-JUL-2011 12:37

Client ID: SB-143 32-33 Instrument: msc.i

Sample Info: 220-16030-B-5-A Operator: S.Jonas



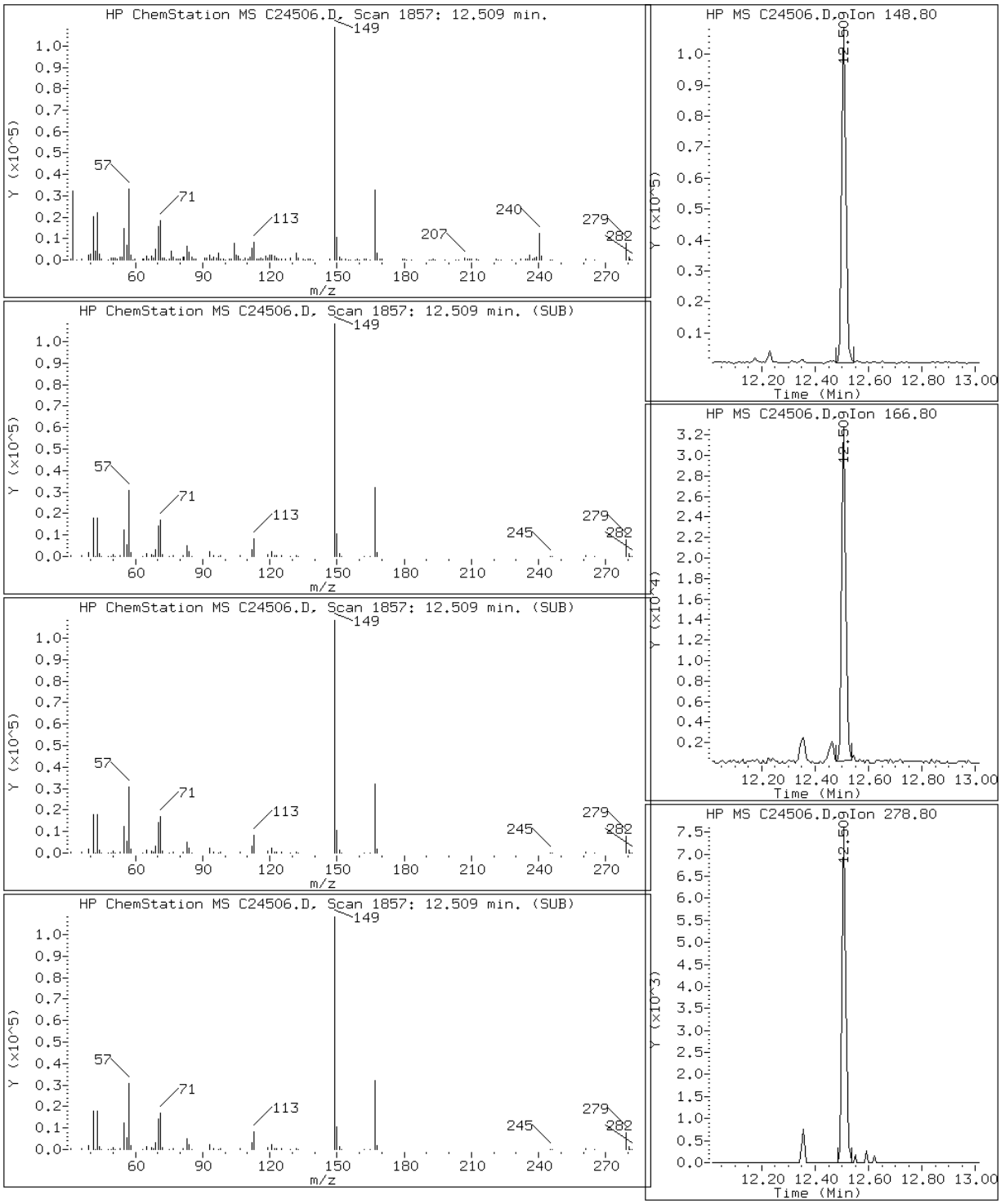
Data File: C24506.D

Date: 27-JUL-2011 12:37

Client ID: SB-143 32-33 Instrument: msc.i

Sample Info: 220-16030-B-5-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: C24507.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.23(g) | Date Analyzed: 07/27/2011 13:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	22
111-44-4	Bis(2-chloroethyl)ether	330	U	330	17
95-57-8	2-Chlorophenol	330	U	330	19
541-73-1	1,3-Dichlorobenzene	330	U	330	16
106-46-7	1,4-Dichlorobenzene	330	U	330	19
100-51-6	Benzyl alcohol	330	U	330	31
95-50-1	1,2-Dichlorobenzene	330	U	330	19
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	17
95-48-7	2-Methylphenol	330	U	330	20
67-72-1	Hexachloroethane	330	U	330	19
621-64-7	N-Nitrosodi-n-propylamine	330	U	330	22
106-44-5	4-Methylphenol	330	U	330	21
98-95-3	Nitrobenzene	330	U	330	21
78-59-1	Isophorone	330	U	330	18
88-75-5	2-Nitrophenol	330	U	330	21
105-67-9	2,4-Dimethylphenol	330	U	330	16
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	15
120-83-2	2,4-Dichlorophenol	330	U	330	17
120-82-1	1,2,4-Trichlorobenzene	330	U	330	21
91-20-3	Naphthalene	330	U	330	17
106-47-8	4-Chloroaniline	330	U	330	53
87-68-3	Hexachlorobutadiene	330	U	330	25
59-50-7	4-Chloro-3-methylphenol	330	U	330	13
91-57-6	2-Methylnaphthalene	330	U	330	9.3
77-47-4	Hexachlorocyclopentadiene	810	U	810	150
88-06-2	2,4,6-Trichlorophenol	330	U	330	9.0
95-95-4	2,4,5-Trichlorophenol	2100	U	2100	16
91-58-7	2-Chloronaphthalene	330	U	330	14
88-74-4	2-Nitroaniline	810	U	810	20
208-96-8	Acenaphthylene	330	U	330	16
131-11-3	Dimethyl phthalate	330	U	330	19
606-20-2	2,6-Dinitrotoluene	330	U	330	9.6
83-32-9	Acenaphthene	330	U	330	19
99-09-2	3-Nitroaniline	810	U	810	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: C24507.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.23(g) | Date Analyzed: 07/27/2011 13:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2100	U	2100	98
132-64-9	Dibenzofuran	330	U	330	23
121-14-2	2,4-Dinitrotoluene	330	U	330	26
100-02-7	4-Nitrophenol	2100	U	2100	25
86-73-7	Fluorene	330	U	330	20
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	24
84-66-2	Diethyl phthalate	330	U	330	33
100-01-6	4-Nitroaniline	330	U	330	25
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	140
86-30-6	N-Nitrosodiphenylamine	330	U	330	18
101-55-3	4-Bromophenyl phenyl ether	330	U	330	21
118-74-1	Hexachlorobenzene	330	U	330	23
87-86-5	Pentachlorophenol	810	U	810	200
85-01-8	Phenanthrene	330	U	330	16
86-74-8	Carbazole	330	U	330	18
120-12-7	Anthracene	330	U	330	13
84-74-2	Di-n-butyl phthalate	330	U	330	48
206-44-0	Fluoranthene	330	U	330	16
129-00-0	Pyrene	330	U	330	15
85-68-7	Butyl benzyl phthalate	330	U	330	18
91-94-1	3,3'-Dichlorobenzidine	400	U	400	67
56-55-3	Benzo[a]anthracene	330	U	330	12
218-01-9	Chrysene	330	U	330	24
117-81-7	Bis(2-ethylhexyl) phthalate	38	J B	330	32
117-84-0	Di-n-octyl phthalate	330	U	330	19
205-99-2	Benzo[b]fluoranthene	330	U	330	8.7
207-08-9	Benzo[k]fluoranthene	330	U	330	29
50-32-8	Benzo[a]pyrene	330	U	330	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	330	U	330	21
53-70-3	Dibenz(a,h)anthracene	330	U	330	26
191-24-2	Benzo[g,h,i]perylene	330	U	330	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: C24507.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.23(g) | Date Analyzed: 07/27/2011 13:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	66		34-120
4165-62-2	Phenol-d5	67		36-120
4165-60-0	Nitrobenzene-d5	65		38-120
321-60-8	2-Fluorobiphenyl	61		41-120
118-79-6	2,4,6-Tribromophenol	68		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24507.D
Lab Smp Id: 220-16030-B-6-A Client Smp ID: SB-143 39-40
Inj Date : 27-JUL-2011 13:07
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-6-A
Misc Info : 220-16030-B-6-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.230	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	18.786	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1217346	20.0000	
$	2 2-Fluorophenol	112	3.374	3.356	(0.703)	3304759	49.4663	4000
$	3 Phenol-d5	99	4.490	4.490	(0.936)	4558901	49.9498	4000
*	20 Naphthalene-d8	136	6.157	6.163	(1.000)	5084527	20.0000	
$	21 Nitrobenzene-d5	82	5.404	5.409	(0.878)	2855775	32.6411	2600
	129 Caprolactam	113	6.591	6.686	(1.070)	11097	0.45434	37(M)
*	35 Acenaphthene-d10	164	8.021	8.027	(1.000)	3264433	20.0000	
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5878212	30.5487	2500
$	56 2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1422348	50.6640	4100
*	57 Phenanthrene-d10	188	9.588	9.594	(1.000)	5747025	20.0000	
*	70 Chrysene-d12	240	12.461	12.472	(1.000)	5774301	20.0000	
$	73 Terphenyl-d14	244	11.291	11.291	(0.906)	7740959	31.2068	2500
	78 Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	78263	0.47531	38
*	79 Perylene-d12	264	14.627	14.633	(1.000)	4049323	20.0000	

QC Flag Legend

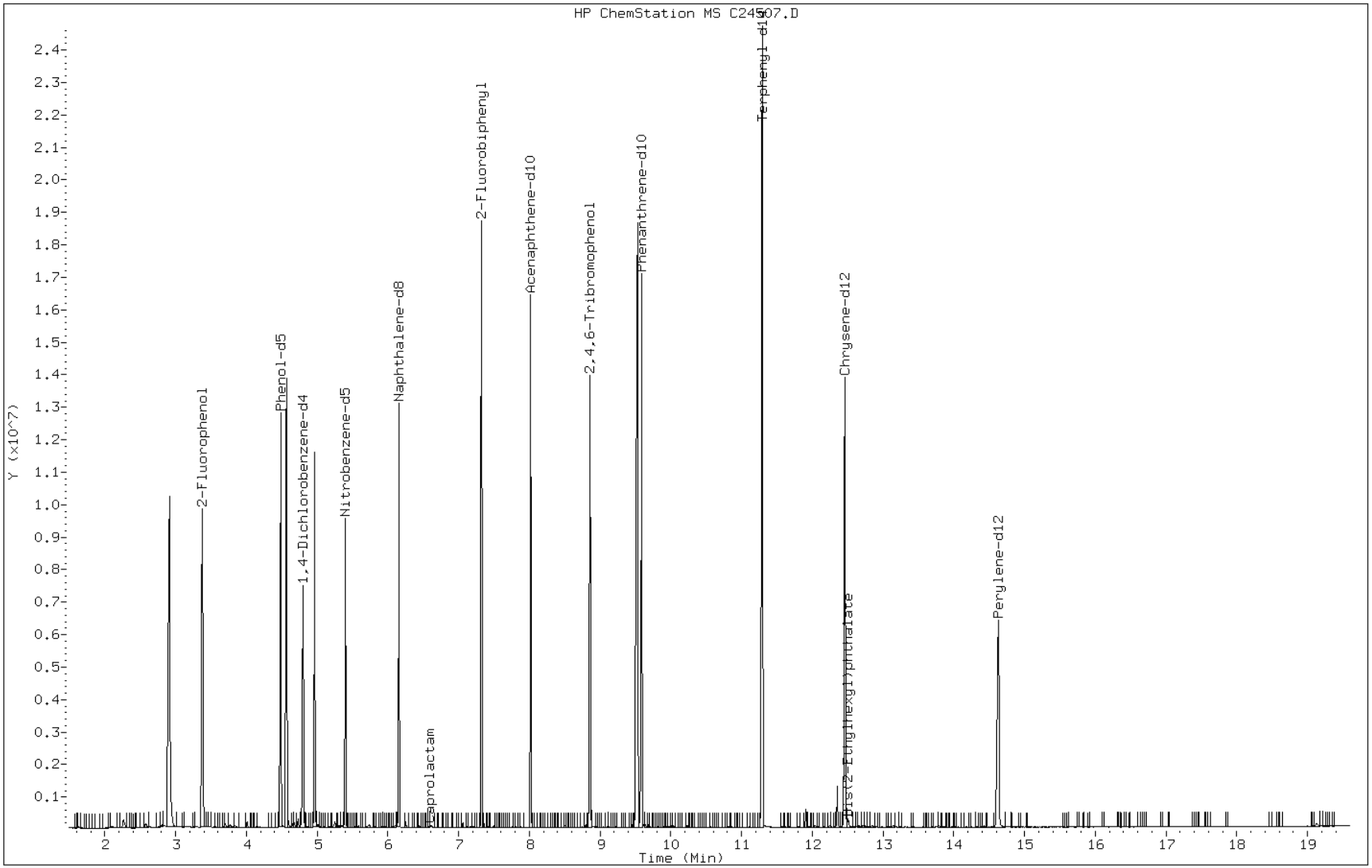
M - Compound response manually integrated.

Data File: C24507.D

Date: 27-JUL-2011 13:07

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-A Operator: S.Jonas



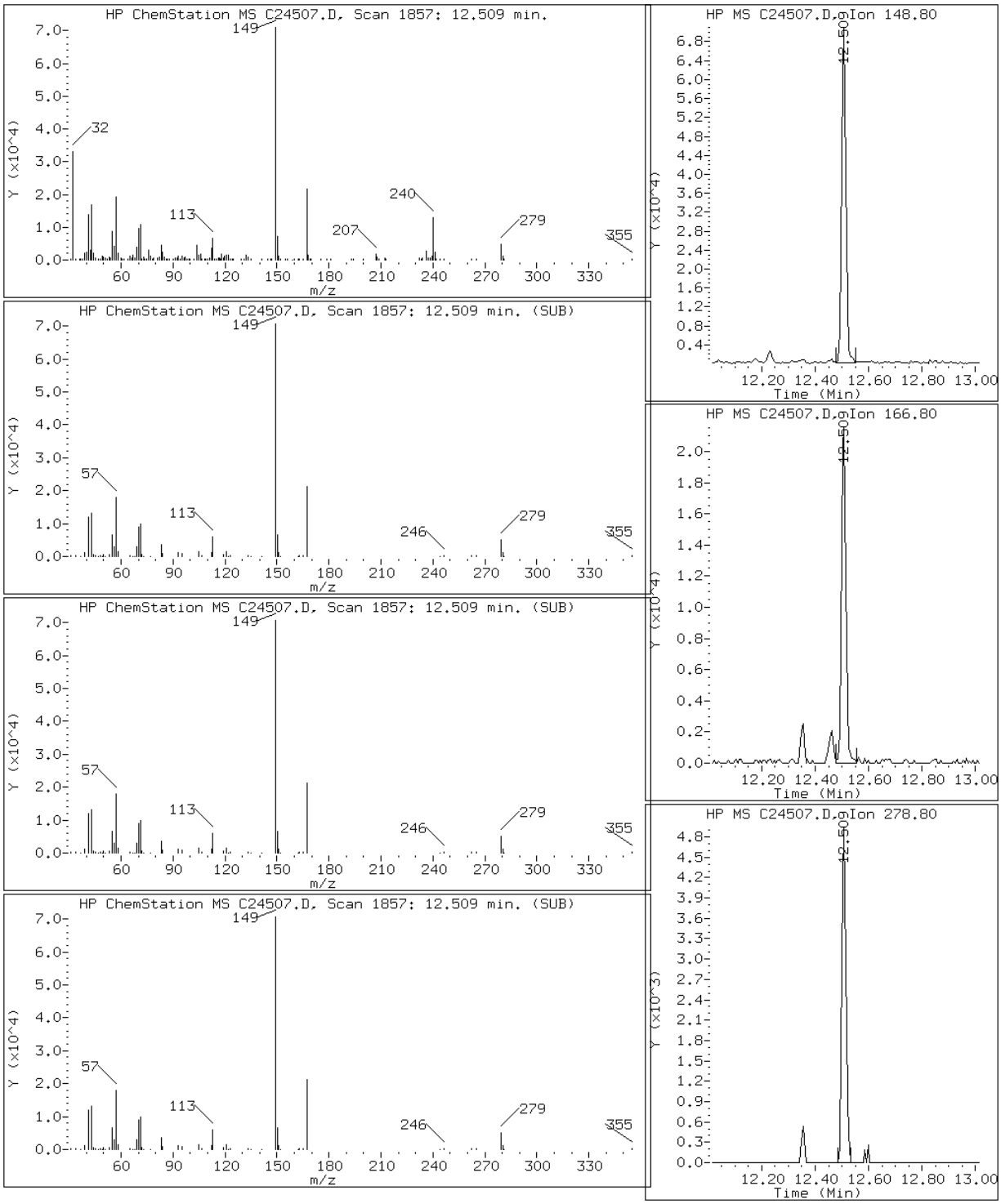
Data File: C24507.D

Date: 27-JUL-2011 13:07

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: C24510.D

Analysis Method: 8270C | Date Collected: 07/14/2011 00:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.72(g) | Date Analyzed: 07/27/2011 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	310	U	310	21
111-44-4	Bis(2-chloroethyl)ether	310	U	310	16
95-57-8	2-Chlorophenol	310	U	310	18
541-73-1	1,3-Dichlorobenzene	310	U	310	15
106-46-7	1,4-Dichlorobenzene	310	U	310	18
100-51-6	Benzyl alcohol	310	U	310	29
95-50-1	1,2-Dichlorobenzene	310	U	310	18
108-60-1	2,2'-oxybis[1-chloropropane]	310	U	310	16
95-48-7	2-Methylphenol	310	U	310	19
67-72-1	Hexachloroethane	310	U	310	18
621-64-7	N-Nitrosodi-n-propylamine	310	U	310	21
106-44-5	4-Methylphenol	310	U	310	20
98-95-3	Nitrobenzene	310	U	310	20
78-59-1	Isophorone	310	U	310	17
88-75-5	2-Nitrophenol	310	U	310	20
105-67-9	2,4-Dimethylphenol	310	U	310	15
111-91-1	Bis(2-chloroethoxy)methane	310	U	310	14
120-83-2	2,4-Dichlorophenol	310	U	310	17
120-82-1	1,2,4-Trichlorobenzene	310	U	310	20
91-20-3	Naphthalene	310	U	310	16
106-47-8	4-Chloroaniline	310	U	310	50
87-68-3	Hexachlorobutadiene	310	U	310	24
59-50-7	4-Chloro-3-methylphenol	310	U	310	13
91-57-6	2-Methylnaphthalene	310	U	310	8.8
77-47-4	Hexachlorocyclopentadiene	770	U	770	150
88-06-2	2,4,6-Trichlorophenol	310	U	310	8.5
95-95-4	2,4,5-Trichlorophenol	2000	U	2000	16
91-58-7	2-Chloronaphthalene	310	U	310	13
88-74-4	2-Nitroaniline	770	U	770	19
208-96-8	Acenaphthylene	310	U	310	15
131-11-3	Dimethyl phthalate	310	U	310	18
606-20-2	2,6-Dinitrotoluene	310	U	310	9.1
83-32-9	Acenaphthene	310	U	310	18
99-09-2	3-Nitroaniline	770	U	770	9.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: C24510.D

Analysis Method: 8270C | Date Collected: 07/14/2011 00:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.72(g) | Date Analyzed: 07/27/2011 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2000	U	2000	93
132-64-9	Dibenzofuran	310	U	310	22
121-14-2	2,4-Dinitrotoluene	310	U	310	25
100-02-7	4-Nitrophenol	2000	U	2000	23
86-73-7	Fluorene	310	U	310	19
7005-72-3	4-Chlorophenyl phenyl ether	310	U	310	23
84-66-2	Diethyl phthalate	310	U	310	31
100-01-6	4-Nitroaniline	310	U	310	24
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	130
86-30-6	N-Nitrosodiphenylamine	310	U	310	17
101-55-3	4-Bromophenyl phenyl ether	310	U	310	20
118-74-1	Hexachlorobenzene	310	U	310	21
87-86-5	Pentachlorophenol	770	U	770	190
85-01-8	Phenanthrene	310	U	310	15
86-74-8	Carbazole	310	U	310	17
120-12-7	Anthracene	310	U	310	12
84-74-2	Di-n-butyl phthalate	310	U	310	45
206-44-0	Fluoranthene	310	U	310	15
129-00-0	Pyrene	310	U	310	15
85-68-7	Butyl benzyl phthalate	310	U	310	17
91-94-1	3,3'-Dichlorobenzidine	380	U	380	64
56-55-3	Benzo[a]anthracene	310	U	310	11
218-01-9	Chrysene	310	U	310	23
117-81-7	Bis(2-ethylhexyl) phthalate	51	J B	310	30
117-84-0	Di-n-octyl phthalate	310	U	310	18
205-99-2	Benzo[b]fluoranthene	310	U	310	8.3
207-08-9	Benzo[k]fluoranthene	310	U	310	28
50-32-8	Benzo[a]pyrene	310	U	310	8.4
193-39-5	Indeno[1,2,3-cd]pyrene	310	U	310	20
53-70-3	Dibenz(a,h)anthracene	310	U	310	24
191-24-2	Benzo[g,h,i]perylene	310	U	310	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: C24510.D

Analysis Method: 8270C | Date Collected: 07/14/2011 00:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.72(g) | Date Analyzed: 07/27/2011 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	66		36-120
4165-60-0	Nitrobenzene-d5	66		38-120
321-60-8	2-Fluorobiphenyl	60		41-120
118-79-6	2,4,6-Tribromophenol	64		37-120
1718-51-0	Terphenyl-d14	59		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24510.D
Lab Smp Id: 220-16030-B-7-A Client Smp ID: DUP071411
Inj Date : 27-JUL-2011 14:39
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-7-A
Misc Info : 220-16030-B-7-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.720	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	16.853	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1148646	20.0000	
$	2 2-Fluorophenol	112	3.374	3.356	(0.703)	3055769	48.4750	3700
$	3 Phenol-d5	99	4.484	4.490	(0.934)	4292390	49.8426	3800
*	20 Naphthalene-d8	136	6.157	6.163	(1.000)	4741206	20.0000	
$	21 Nitrobenzene-d5	82	5.398	5.409	(0.877)	2675224	32.7916	2500
	129 Caprolactam	113	6.591	6.686	(1.070)	8469	0.37185	28(M)
*	35 Acenaphthene-d10	164	8.021	8.027	(1.000)	3083988	20.0000	
$	40 2-Fluorobiphenyl	172	7.321	7.333	(0.913)	5497433	30.2415	2300
$	56 2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1279301	48.2349	3700
*	57 Phenanthrene-d10	188	9.588	9.594	(1.000)	5397615	20.0000	
*	70 Chrysene-d12	240	12.461	12.472	(1.000)	5570476	20.0000	
$	73 Terphenyl-d14	244	11.291	11.291	(0.906)	7103927	29.6866	2300
	78 Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	105520	0.66430	51
*	79 Perylene-d12	264	14.627	14.633	(1.000)	3659673	20.0000	

QC Flag Legend

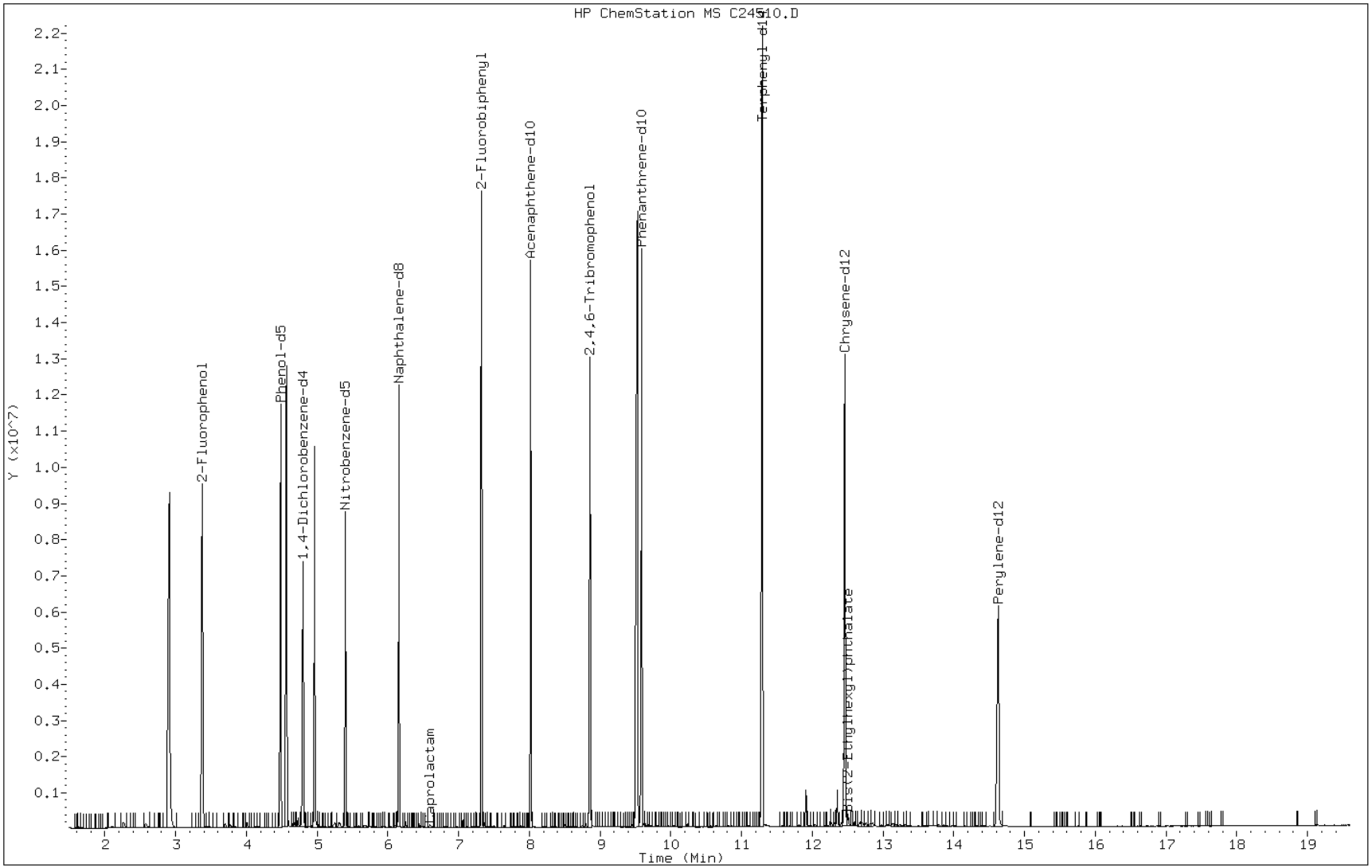
M - Compound response manually integrated.

Data File: C24510.D

Date: 27-JUL-2011 14:39

Client ID: DUP071411 Instrument: msc.i

Sample Info: 220-16030-B-7-A Operator: S.Jonas



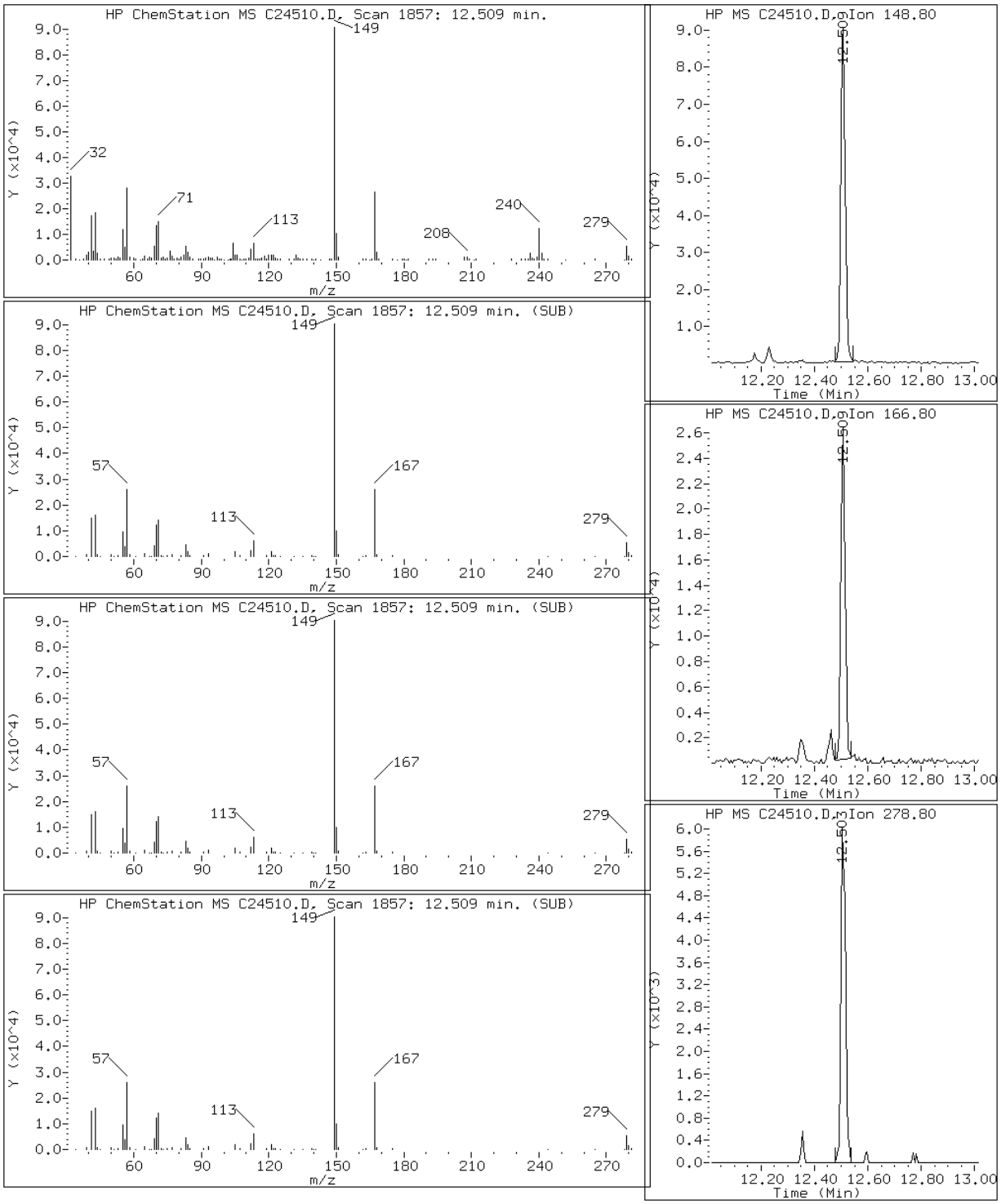
Data File: C24510.D

Date: 27-JUL-2011 14:39

Client ID: DUP071411 Instrument: msc.i

Sample Info: 220-16030-B-7-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: Z21861.D

Analysis Method: 8270C | Date Collected: 07/14/2011 08:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4.0	U	4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
91-20-3	Naphthalene	4.0	U	4.0	0.30
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
83-32-9	Acenaphthene	4.0	U	4.0	0.31
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: Z21861.D

Analysis Method: 8270C | Date Collected: 07/14/2011 08:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
100-02-7	4-Nitrophenol	10	U	10	1.5
86-73-7	Fluorene	4.0	U	4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-86-5	Pentachlorophenol	25	U	25	0.31
85-01-8	Phenanthrene	4.0	U	4.0	0.28
86-74-8	Carbazole	4.0	U	4.0	0.33
120-12-7	Anthracene	4.0	U	4.0	0.29
84-74-2	Di-n-butyl phthalate	4.0	U	4.0	0.35
206-44-0	Fluoranthene	4.0	U	4.0	0.31
129-00-0	Pyrene	4.0	U	4.0	0.33
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U *	4.0	0.54
117-84-0	Di-n-octyl phthalate	4.0	U *	4.0	0.38
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: Z21861.D

Analysis Method: 8270C | Date Collected: 07/14/2011 08:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	30		13-120
4165-62-2	Phenol-d5	19		10-120
4165-60-0	Nitrobenzene-d5	70		40-120
321-60-8	2-Fluorobiphenyl	72		39-120
118-79-6	2,4,6-Tribromophenol	85		36-120
1718-51-0	Terphenyl-d14	88		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21861.D
Lab Smp Id: 220-16030-D-8-A Client Smp ID: FB-1
Inj Date : 27-JUL-2011 16:05
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-16030-D-8-A
Misc Info : 220-16030-D-8-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.787	4.790	(1.000)	275741	20.0000	
$	2 2-Fluorophenol	112	3.332	3.342	(0.696)	286228	22.3582	22
$	3 Phenol-d5	99	4.454	4.473	(0.931)	260211	14.1835	14
*	20 Naphthalene-d8	136	6.145	6.152	(1.000)	1252600	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.396	(0.877)	632494	35.2469	35
	129 Caprolactam	113	6.574	6.668	(1.070)	4198	0.93583	0.9(M)
*	35 Acenaphthene-d10	164	8.007	8.013	(1.000)	738603	20.0000	
$	40 2-Fluorobiphenyl	172	7.311	7.317	(0.913)	1241420	36.0245	36
$	56 2,4,6-Tribromophenol	330	8.843	8.849	(1.104)	305257	63.4883	63
*	57 Phenanthrene-d10	188	9.570	9.580	(1.000)	1177272	20.0000	
*	70 Chrysene-d12	240	12.430	12.442	(1.000)	958260	20.0000	
$	73 Terphenyl-d14	244	11.271	11.274	(0.907)	1454583	43.9537	44
*	79 Perylene-d12	264	14.574	14.587	(1.000)	580672	20.0000	

QC Flag Legend

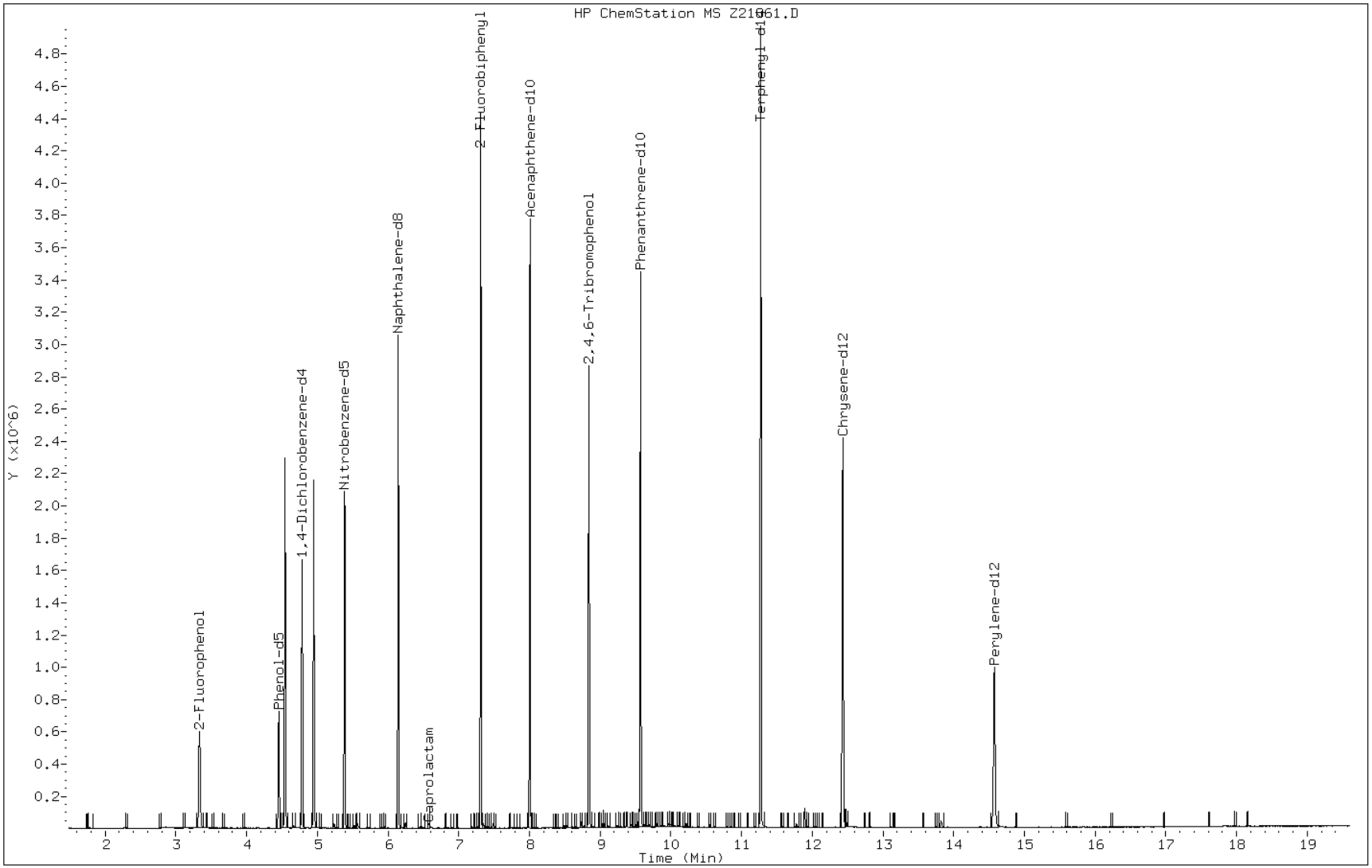
M - Compound response manually integrated.

Data File: Z21861.D

Date: 27-JUL-2011 16:05

Client ID: FB-1 Instrument: msz.i

Sample Info: 220-16030-D-8-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: Z21862.D

Analysis Method: 8270C | Date Collected: 07/14/2011 13:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4.0	U	4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
91-20-3	Naphthalene	4.0	U	4.0	0.30
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
83-32-9	Acenaphthene	4.0	U	4.0	0.31
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: Z21862.D

Analysis Method: 8270C | Date Collected: 07/14/2011 13:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
100-02-7	4-Nitrophenol	10	U	10	1.5
86-73-7	Fluorene	4.0	U	4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-86-5	Pentachlorophenol	25	U	25	0.31
85-01-8	Phenanthrene	4.0	U	4.0	0.28
86-74-8	Carbazole	4.0	U	4.0	0.33
120-12-7	Anthracene	4.0	U	4.0	0.29
84-74-2	Di-n-butyl phthalate	4.0	U	4.0	0.35
206-44-0	Fluoranthene	4.0	U	4.0	0.31
129-00-0	Pyrene	4.0	U	4.0	0.33
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U *	4.0	0.54
117-84-0	Di-n-octyl phthalate	4.0	U *	4.0	0.38
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: Z21862.D

Analysis Method: 8270C | Date Collected: 07/14/2011 13:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	29		13-120
4165-62-2	Phenol-d5	19		10-120
4165-60-0	Nitrobenzene-d5	67		40-120
321-60-8	2-Fluorobiphenyl	71		39-120
118-79-6	2,4,6-Tribromophenol	90		36-120
1718-51-0	Terphenyl-d14	95		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21862.D
Lab Smp Id: 220-16030-D-9-A Client Smp ID: FB-2
Inj Date : 27-JUL-2011 16:33
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-16030-D-9-A
Misc Info : 220-16030-D-9-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.784	4.790	(1.000)	272105	20.0000	
$	2 2-Fluorophenol	112	3.336	3.342	(0.697)	275504	21.8081	22
$	3 Phenol-d5	99	4.454	4.473	(0.931)	255933	14.1367	14
*	20 Naphthalene-d8	136	6.142	6.152	(1.000)	1227988	20.0000	
$	21 Nitrobenzene-d5	82	5.384	5.396	(0.877)	591525	33.6245	34
	129 Caprolactam	113	6.571	6.668	(1.070)	4120	0.93685	0.9(M)
*	35 Acenaphthene-d10	164	8.004	8.013	(1.000)	737211	20.0000	
$	40 2-Fluorobiphenyl	172	7.311	7.317	(0.913)	1220953	35.4975	35
$	56 2,4,6-Tribromophenol	330	8.840	8.849	(1.104)	324519	67.6219	68
*	57 Phenanthrene-d10	188	9.570	9.580	(1.000)	1180151	20.0000	
*	70 Chrysene-d12	240	12.427	12.442	(1.000)	975607	20.0000	
$	73 Terphenyl-d14	244	11.267	11.274	(0.907)	1606919	47.6935	48
*	79 Perylene-d12	264	14.568	14.587	(1.000)	589057	20.0000	

QC Flag Legend

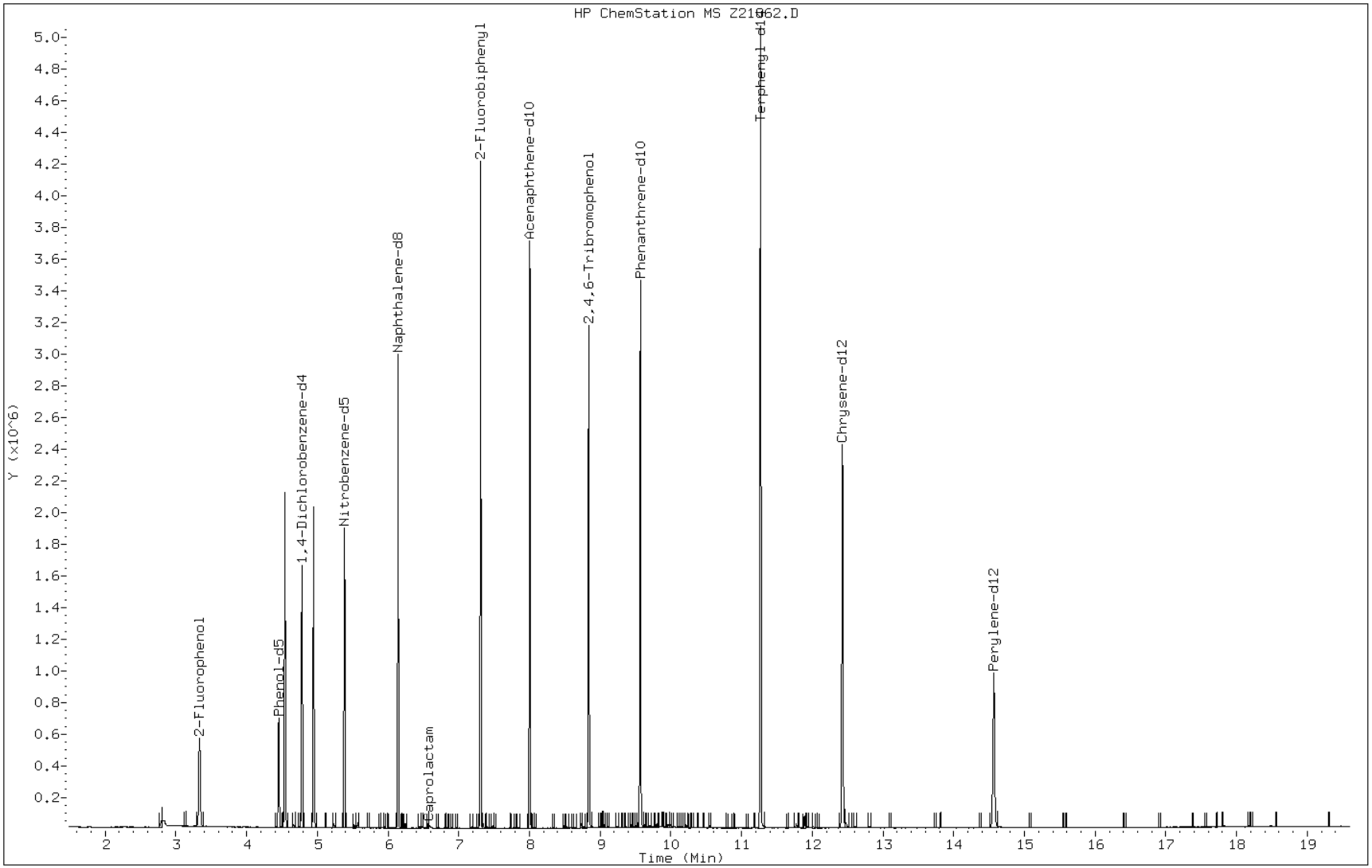
M - Compound response manually integrated.

Data File: Z21862.D

Date: 27-JUL-2011 16:33

Client ID: FB-2 Instrument: msz.i

Sample Info: 220-16030-D-9-A Operator: S.Jonas



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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53172/2	C24383.D
Level 2	IC 220-53172/3	C24384.D
Level 3	IC 220-53172/4	C24385.D
Level 4	IC 220-53172/5	C24386.D
Level 5	ICIS 220-53172/1	C24382.D
Level 6	IC 220-53172/6	C24387.D
Level 7	IC 220-53172/7	C24388.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.3304 0.3208	0.3050 0.3098	0.3015	0.3087	0.3219	Ave		0.3140				3.3		15.0			
Pyridine	0.4052 0.4146	0.3877 0.4090	0.3884	0.3901	0.4279	Ave		0.4033				3.8		15.0			
Cyclohexanone	0.8548 0.4766	0.8146 0.3718	0.7332	0.6555	0.8038	Ave		0.6729				27.4	*	15.0			
Benzaldehyde	0.2601 0.3859	0.9073 0.2848	0.8259	0.7381	0.3390	Ave		0.5345				52.0	*	15.0			
Aniline	1.7556 1.7137	1.7874 1.6366	1.7029	1.6701	1.8716	Ave		1.7340				4.5		15.0			
Phenol	1.6519 1.6598	1.6161 1.6168	1.5917	1.6330	1.6699	Ave		1.6342				1.7		30.0			
Bis(2-chloroethyl)ether	1.1619 1.1762	1.0799 1.0816	1.0840	1.1050	1.1612	Ave		1.1214				3.9		15.0			
2-Chlorophenol	1.4173 1.4288	1.3718 1.3632	1.3833	1.3806	1.4283	Ave		1.3962				2.0		15.0			
1,3-Dichlorobenzene	1.6041 1.6158	1.5726 1.5356	1.5289	1.5781	1.5992	Ave		1.5763				2.1		15.0			
1,4-Dichlorobenzene	1.6922 1.6437	1.6351 1.5699	1.5846	1.6088	1.6205	Ave		1.6221				2.5		30.0			
1,2-Dichlorobenzene	1.5994 1.5110	1.5450 1.4483	1.5041	1.5334	1.5327	Ave		1.5248				3.0		15.0			
Benzyl alcohol	0.7287 0.8590	0.7292 0.8148	0.7901	0.8133	0.8622	Ave		0.7996				6.8		15.0			
2,2'-oxybis[1-chloropropane]	2.5379 2.3253	2.4351 2.1726	2.3498	2.3823	2.4400	Ave		2.3776				4.8		15.0			
2-Methylphenol	1.1923 1.2287	1.1860 1.1751	1.1704	1.2030	1.2400	Ave		1.1994				2.2		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.7122 1.7730	1.7158 1.7265	1.6687	1.7241	1.7689	Ave		1.7270				2.1		15.0			
N-Nitrosodi-n-propylamine	0.9788 1.0660	0.9804 0.9953	0.9632	1.0021	1.0536	Ave		1.0056			0.0500	3.9		15.0			
4-Methylphenol	1.2740 1.3589	1.2486 1.2684	1.2676	1.3023	1.3499	Ave		1.2957				3.3		15.0			
Hexachloroethane	0.6605 0.6760	0.6544 0.6631	0.6376	0.6576	0.6806	Ave		0.6614				2.2		15.0			
Nitrobenzene	0.3566 0.3585	0.3449 0.3450	0.3382	0.3423	0.3577	Ave		0.3490				2.4		15.0			
Isophorone	0.6224 0.6748	0.6270 0.6521	0.6213	0.6441	0.6717	Ave		0.6448				3.5		15.0			
2-Nitrophenol	0.1897 0.2122	0.1838 0.2023	0.1870	0.1981	0.2072	Ave		0.1972				5.5		30.0			
2,4-Dimethylphenol	0.2718 0.3211	0.2757 0.3028	0.2763	0.2943	0.3141	Ave		0.2937				6.7		15.0			
Bis(2-chloroethoxy)methane	0.4048 0.4088	0.3997 0.3950	0.3939	0.4000	0.4083	Ave		0.4015				1.5		15.0			
Benzoic acid	0.0544 0.1593	0.0405 0.1878	0.0899	0.1267	0.1571	Ave		0.1165				48.3	*	15.0			
2,4-Dichlorophenol	0.2751 0.3054	0.2794 0.2928	0.2865	0.2989	0.3047	Ave		0.2918				4.1		30.0			
1,2,4-Trichlorobenzene	0.3350 0.3355	0.3280 0.3216	0.3176	0.3231	0.3302	Ave		0.3273				2.1		15.0			
Naphthalene	1.0611 0.9495	1.0302 0.7683	0.9912	1.0012	1.0035	Ave		0.9722				9.9		15.0			
4-Chloroaniline	0.3908 0.4134	0.4186 0.3902	0.4137	0.4195	0.4373	Ave		0.4119				4.0		15.0			
Hexachlorobutadiene	0.1985 0.2015	0.1917 0.1908	0.1890	0.1908	0.1981	Ave		0.1943				2.5		30.0			
Caprolactam	0.0751 0.1096	0.0841 0.1074	0.0900	0.0986	0.1077	Ave		0.0961				13.9		15.0			
4-Chloro-3-methylphenol	0.2694 0.3135	0.2794 0.3020	0.2901	0.2989	0.3130	Ave		0.2952				5.6		30.0			
2,4,5-Trichlorotoluene	1.2066 1.2451	1.1761 1.1926	1.1434	1.1761	1.2107	Ave		1.1929				2.7		15.0			
2-Methylnaphthalene	0.6996 0.6888	0.6879 0.6338	0.6830	0.6898	0.6948	Ave		0.6826				3.2		15.0			
Hexachlorocyclopentadiene	0.1153 0.2828	0.1471 0.2456	0.2087	0.2419	0.2891	Qua	0.1638	2.5081	1.2633					15.0	0.9925		0.9900

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

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetrachlorobenzene	0.2551 0.2695	0.2018 0.2591	0.2510	0.2065	0.2678	Ave		0.2444				11.6		15.0			
2,4,6-Trichlorophenol	0.3226 0.3756	0.3272 0.3641	0.3414	0.3532	0.3716	Ave		0.3508				6.0		30.0			
2,4,5-Trichlorophenol	0.3382 0.3834	0.3315 0.3732	0.3500	0.3576	0.3861	Ave		0.3600				6.0		15.0			
1,1'-Biphenyl	1.4108 1.2670	1.3708 1.0317	1.3379	1.3500	1.3267	Ave		1.2993				9.7		15.0			
2-Chloronaphthalene	1.1022 1.0412	1.0740 0.9791	1.0548	1.0622	1.0694	Ave		1.0547				3.6		15.0			
2-Nitroaniline	0.3147 0.3532	0.3206 0.3436	0.3270	0.3342	0.3579	Ave		0.3359				4.9		15.0			
Dimethyl phthalate	1.1948 1.2438	1.1992 1.1990	1.1793	1.2133	1.2612	Ave		1.2129				2.4		15.0			
2,6-Dinitrotoluene	0.2694 0.3135	0.2696 0.3066	0.2844	0.2957	0.3122	Ave		0.2931				6.5		15.0			
Acenaphthylene	1.8291 1.6159	1.7537 1.3167	1.7913	1.8002	1.8001	Ave		1.7010				10.8		15.0			
3-Nitroaniline	0.2989 0.3528	0.3088 0.3401	0.3252	0.3361	0.3570	Ave		0.3313				6.5		15.0			
Acenaphthene	1.1389 1.0933	1.1193 1.0305	1.1053	1.1055	1.1234	Ave		1.1023				3.2		30.0			
2,4-Dinitrophenol	0.0113 0.1507	0.0275 0.1643	0.0761	0.0934	0.1242	Qua	0.3967	7.4640	-3.151					15.0	0.9912		0.9900
4-Nitrophenol	+++++ 0.1533	0.1030 0.1503	0.1203	0.1287	0.1434	Ave		0.1332			0.0500	14.6		15.0			
Dibenzofuran	1.6322 1.4886	1.5948 1.2825	1.5808	1.5726	1.5739	Ave		1.5322				7.7		15.0			
2,4-Dinitrotoluene	0.3738 0.4198	0.3772 0.3989	0.3883	0.3987	0.4214	Ave		0.3969				4.7		15.0			
2,3,4,6-Tetrachlorophenol	0.2136 0.3118	0.1890 0.3072	0.2728	0.2325	0.3041	Lin	0.1164	0.3178						15.0	0.9953		0.9900
Diethyl phthalate	1.2557 1.3019	1.2426 1.2264	1.2534	1.2698	1.3188	Ave		1.2669				2.6		15.0			
Fluorene	1.3148 1.2447	1.2808 1.1485	1.2931	1.2975	1.3104	Ave		1.2700				4.6		15.0			
4-Chlorophenyl phenyl ether	0.6380 0.6253	0.6209 0.5824	0.6240	0.6440	0.6582	Ave		0.6275				3.8		15.0			
4-Nitroaniline	0.2880 0.3518	0.3053 0.3370	0.3170	0.3273	0.3591	Ave		0.3265				7.7		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	+++++ 0.1337	0.0517 0.1369	0.0918	0.1045	0.1230	Lin	0.4188	0.1532						15.0	0.9975		0.9900
N-Nitrosodiphenylamine	0.5421 0.5501	0.5377 0.5299	0.5283	0.5495	0.5627	Ave		0.5429				2.3		30.0			
1,2-Diphenylhydrazine	0.7840 0.7630	0.7622 0.6818	0.7610	0.7640	0.7988	Ave		0.7593				4.9		15.0			
4-Bromophenyl phenyl ether	0.2067 0.2251	0.2078 0.2170	0.2062	0.2175	0.2271	Ave		0.2153				4.0		15.0			
Hexachlorobenzene	0.2274 0.2347	0.2252 0.2256	0.2193	0.2284	0.2374	Ave		0.2283				2.7		15.0			
Simazine	0.1136 0.1382	0.1199 0.1359	0.1176	0.1168	0.1383	Ave		0.1258				8.9		15.0			
Atrazine	0.1765 0.2107	0.1833 0.2060	0.1742	0.1714	0.2034	Ave		0.1893				8.9		15.0			
Pentachlorophenol	+++++ 0.1361	0.0505 0.1376	0.0896	0.1033	0.1205	Lin	0.4422	0.1555						30.0	0.9966		0.9900
Pentachloronitrobenzene	0.0842 0.0962	0.0704 0.0931	0.0918	0.0739	0.0967	Ave		0.0866				12.4		15.0			
Phenanthrene	1.1105 0.9861	1.0730 0.8668	1.0504	1.0483	1.0725	Ave		1.0297				7.9		15.0			
Anthracene	1.0916 0.9626	1.0788 0.8199	1.0727	1.0693	1.0942	Ave		1.0270				9.9		15.0			
Carbazole	1.0117 0.9737	1.0005 0.8300	1.0020	1.0085	1.0455	Ave		0.9817				7.1		15.0			
Di-n-butyl phthalate	1.2199 0.9886	1.2191 0.8558	1.2384	1.2789	1.2069	Ave		1.1439				13.8		15.0			
Fluoranthene	1.1840 1.0755	1.1455 0.8879	1.1602	1.1782	1.1819	Ave		1.1162				9.6		30.0			
Benzidine	0.1204 0.2138	0.2701 0.1803	0.2843	0.2756	0.3055	Ave		0.2357				28.4	*	15.0			
Pyrene	1.2964 1.2122	1.2796 1.0863	1.2677	1.2515	1.2942	Ave		1.2411				6.0		15.0			
3,3'-Dimethylbenzidine	0.1014 0.2139	0.2218 0.1750	0.2378	0.2611	0.2706	Ave		0.2117				27.4	*	15.0			
Butyl benzyl phthalate	0.4672 0.5796	0.4898 0.5754	0.5123	0.5425	0.5833	Ave		0.5357				8.7		15.0			
3,3'-Dichlorobenzidine	0.2614 0.3277	0.2888 0.3035	0.3067	0.3262	0.3416	Ave		0.3080				8.8		15.0			
Benzo[a]anthracene	1.0992 1.0957	1.0771 1.0743	1.0864	1.0939	1.1377	Ave		1.0949				1.9		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	1.0569 0.9927	1.0619 0.9616	1.0468	1.0468	1.0278	Ave		1.0278				3.6		15.0			
Bis(2-ethylhexyl) phthalate	0.4867 0.6251	0.5020 0.6227	0.5368	0.5787	0.6401	Ave		0.5703				11.0		15.0			
Di-n-octyl phthalate	0.7179 1.5187	0.7850 1.7315	0.8783	1.0165	1.3635	Qua	0.1126	0.7983	-0.035					30.0	0.9983		0.9900
Benzo[b]fluoranthene	1.1884 1.4879	1.2301 1.5450	1.2097	1.2678	1.4374	Ave		1.3380				11.0		15.0			
Benzo[k]fluoranthene	1.2348 1.5473	1.2249 1.5007	1.3025	1.3420	1.5137	Ave		1.3808				9.9		15.0			
Benzo[a]pyrene	0.9120 1.0467	0.8771 1.0346	0.9197	0.9572	1.0678	Ave		0.9736				7.8		30.0			
Indeno[1,2,3-cd]pyrene	0.4307 0.5191	0.4154 0.6790	0.4165	0.4163	0.4367	Qua	-0.012	2.6112	-0.419					15.0	0.9997		0.9900
Dibenz(a,h)anthracene	0.3896 0.5279	0.3834 0.6736	0.4051	0.4123	0.4431	Qua	0.0108	2.5411	-0.395					15.0	0.9997		0.9900
Benzo[g,h,i]perylene	0.4005 0.5491	0.3971 0.7297	0.3914	0.3871	0.4296	Qua	0.0320	2.5220	-0.401					15.0	0.9982		0.9900
2-Fluorophenol	1.0669 1.1480	1.0668 1.1095	1.0558	1.1006	1.1357	Ave		1.0976				3.3		15.0			
Phenol-d5	1.5083 1.5545	1.4777 1.4737	1.4424	1.4881	1.5517	Ave		1.4995				2.8		15.0			
Nitrobenzene-d5	0.3426 0.3556	0.3399 0.3430	0.3331	0.3413	0.3536	Ave		0.3441				2.3		15.0			
2-Fluorobiphenyl	1.2238 1.1782	1.1882 1.0834	1.1875	1.1905	1.2006	Ave		1.1789				3.8		15.0			
2,4,6-Tribromophenol	0.1462 0.1893	0.1585 0.1856	0.1678	0.1729	0.1838	Ave		0.1720				9.2		15.0			
Terphenyl-d14	0.8816 0.8677	0.8564 0.8382	0.8441	0.8528	0.8734	Ave		0.8592				1.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53172/2	C24383.D
Level 2	IC 220-53172/3	C24384.D
Level 3	IC 220-53172/4	C24385.D
Level 4	IC 220-53172/5	C24386.D
Level 5	ICIS 220-53172/1	C24382.D
Level 6	IC 220-53172/6	C24387.D
Level 7	IC 220-53172/7	C24388.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	25450 703512	45923 947690	117766	237209	515248	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	31212 909178	58382 1251058	151682	299732	684995	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	65842 1045171	122649 1137237	286354	503681	1286753	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	20038 846241	136616 871155	322574	567163	542609	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	135224 3758159	269132 5005861	665076	1283235	2996079	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	127241 3640043	243333 4945278	621659	1254727	2673190	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	89496 2579495	162600 3308051	423354	849090	1858789	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	109166 3133432	206544 4169511	540262	1060817	2286311	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	123554 3543448	236777 4696900	597118	1212539	2560016	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	130344 3604636	246190 4801673	618885	1236196	2594029	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	123191 3313768	232634 4429781	587423	1178251	2453496	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	56130 1883893	109802 2492171	308575	624949	1380235	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	195481 5099332	366656 6645015	917709	1830525	3905901	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	91841 2694620	178578 3594177	457103	924340	1985009	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	131881 3888287	258339 5280643	651712	1324777	2831595	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	75395 2337830	147613 3044350	376195	769953	1686613	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Methylphenol	DCB	Ave	98128 2980129	187997 3879597	495074	1000643	2160958	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	50873 1482393	98530 2028141	249002	505281	1089418	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	112123 3252529	214116 4372598	538783	1083639	2379544	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	195709 6123034	389252 8264505	989740	2039112	4468082	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	59652 1925695	114078 2564364	297869	627269	1378263	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	85448 2913307	171115 3837088	440241	931717	2089274	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	127264 3709682	248124 5006793	627519	1266250	2715715	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Ave	17090 1445126	62838 2380762	358074	601428	1044768	2.00 60.0	10.0 80.0	25.0	30.0	40.0
2,4-Dichlorophenol	NPT	Ave	86488 2771151	173462 3711015	456426	946236	2026438	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	105336 3044375	203603 4076394	506010	1022803	2196275	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	333623 8615487	639519 9737738	1579152	3169601	6675158	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	122869 3750967	259866 4945288	659042	1328080	2908487	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	62413 1828669	118974 2417654	301066	604139	1317820	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	23617 994728	52209 1361515	143405	312075	716065	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	84707 2845025	173440 3827018	462198	946316	2081625	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	92936 2730503	177090 3647726	446541	903669	1938065	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	219979 6250028	427046 8033452	1088116	2183737	4621813	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorocyclopentadiene	ANT	Qua	22008 1609822	56637 1924960	204359	476008	1190080	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	48704 1534331	97156 2030120	245710	508066	1102614	2.00 60.0	5.00 80.0	10.0	25.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	61605 2138143	126031 2852984	334247	695066	1529779	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	161447 2182451	319209 2924819	856667	1055649	1589345	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	269400 7212957	527961 8084374	1309867	2656963	5461519	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	210470 5927610	413659 7672354	1032657	2090408	4402182	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	60100 2010519	123498 2692448	320148	657789	1473330	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	228144 7080755	461892 9395633	1154538	2387906	5191795	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	51450 1784938	103839 2402843	278428	582050	1285329	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	349281 9199043	675425 10318238	1753698	3542865	7410193	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	57069 2008351	118943 2665358	318403	661533	1469739	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	217480 6224177	431091 8075098	1082097	2175643	4624741	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Qua	5405 858063	26452 1287148	186380	275789	511193	5.00 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	+++++ 872844	99182 1177950	294493	380046	590241	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	311681 8474349	614237 10050077	1547670	3095025	6479291	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	71380 2389784	145291 3125836	380166	784724	1734722	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Lin	40790 1775035	91016 2407385	267123	572004	1251950	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Diethyl phthalate	ANT	Ave	239785 7411859	478600 9610073	1227091	2498990	5428874	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	251058 7085751	493292 8999915	1265960	2553554	5394466	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	121830 3560012	239135 4563777	610883	1267356	2709503	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	54990 2002590	117595 2641164	310384	644230	1478469	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Lin	+++++ 1313173	85432 1852217	391152	531554	872171	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	177459 5402276	355356 7170174	900017	1863686	3991223	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	256660 7493397	503744 9226874	1296396	2591380	5666474	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	67677 2210448	137319 2936467	351250	737873	1611022	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	74435 2305303	148838 3052299	373657	774678	1684265	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	37188 1357121	79249 1839591	200345	396019	981307	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Atrazine	PHN	Ave	57776 2069524	121127 2787820	296726	581398	1442635	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Lin	+++++ 1336815	83419 1862005	381687	525469	855073	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	27569 944541	58122 1259680	156359	313478	686095	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Phenanthrene	PHN	Ave	363570 9684422	709159 11730010	1789487	3555651	7608057	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	357375 9453460	713013 11094557	1827430	3626862	7761881	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	331216 9562657	661237 11232228	1707035	3420808	7416140	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	399386 9709354	805681 11581475	2109709	4337717	8561401	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	387605 10563150	757073 12015391	1976562	3996443	8383421	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Ave	36183 1887512	164909 2077105	448395	876611	2020186	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	389562 10701636	781166 12513422	1999396	3981098	8559185	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Ave	30455 1888641	135379 2016130	375042	830632	1790002	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	140383 5116444	298994 6627518	807963	1725675	3857610	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	78555 2893256	176280 3496344	483716	1037527	2259157	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	330291 9673388	657556 12374571	1713434	3479708	7524720	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	317568 8763826	648237 11077039	1650984	3330034	6797464	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	146253 5518149	306460 7172771	846616	1840984	4233667	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Qua	127146 6032821	288860 7919198	842068	1943917	4581721	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Ave	210485 5910395	452620 7066322	1159720	2424410	4830150	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	218692 6146394	450709 6863532	1248737	2566322	5086426	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	161526 4157905	322723 4732090	881686	1830579	3588331	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Qua	76280 2061823	152837 3105432	399330	796184	1467333	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Qua	69002 2096900	141079 3080763	388326	788487	1488813	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Qua	70928 2181162	146105 3337379	375252	740314	1443568	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	82177 2517554	160633 3393417	412348	845684	1817917	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	116178 3408948	222496 4507606	563342	1143432	2483847	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	107706 3226212	210982 4347197	530736	1080462	2351800	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	233689 6707329	457652 8489947	1162623	2342923	4942439	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	69776 1077585	152576 1454129	410726	510533	756553	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Terphenyl-d14	CRY	Ave	264913 7660059	522779 9655228	1331281	2712889	5776350	2.00 60.0	4.00 80.0	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24382.D
Lab Smp Id: ICIS-641574 Client Smp ID: ICIS-641574
Inj Date : 21-JUL-2011 10:38
Operator : S.Jonas Inst ID: msc.i
Smp Info : ICIS-641574
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:33 msc.i Quant Type: ISTD
Cal Date : 21-JUL-2011 13:49 Cal File: C24388.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	800385	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	1817917	40.0000	41
$ 3	Phenol-d5	99	4.528	4.528	(0.934)	2483847	40.0000	41
4	Pyridine	52	1.608	1.608	(0.332)	684995	40.0000	42
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	515248	40.0000	41
6	Cyclohexanone	42	3.626	3.626	(0.748)	1286753	40.0000	48
128	Benzaldehyde	77	4.368	4.368	(0.901)	542609	40.0000	25
7	Phenol	94	4.546	4.546	(0.938)	2673190	40.0000	41
8	Aniline	93	4.504	4.504	(0.929)	2996079	40.0000	43
9	bis(2-Chloroethyl)ether	63	4.599	4.599	(0.949)	1858789	40.0000	41
10	2-Chlorophenol	128	4.629	4.629	(0.955)	2286311	40.0000	41
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	2560016	40.0000	41
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	2594029	40.0000	40
13	Benzyl alcohol	108	5.032	5.032	(1.038)	1380235	40.0000	43
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	2453496	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	3905901	40.0000	41
16	2-Methylphenol	108	5.187	5.187	(1.070)	1985009	40.0000	41
92	Acetophenone	105	5.305	5.305	(1.094)	2831595	40.0000	41
17	Hexachloroethane	117	5.388	5.388	(1.111)	1089418	40.0000	41
18	N-Nitroso-di-n-propylamine	70	5.329	5.329	(1.099)	1686613	40.0000	42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.353	5.353	(1.104)	2160958	40.0000	42
*	20 Naphthalene-d8	136	6.213	6.213	(1.000)	3325805	20.0000	
$	21 Nitrobenzene-d5	82	5.454	5.454	(0.878)	2351800	40.0000	41
	22 Nitrobenzene	77	5.477	5.477	(0.882)	2379544	40.0000	41
	23 Isophorone	82	5.745	5.745	(0.925)	4468082	40.0000	42
	24 2-Nitrophenol	139	5.816	5.816	(0.936)	1378263	40.0000	42
	25 2,4-Dimethylphenol	122	5.905	5.905	(0.950)	2089274	40.0000	43
	26 Benzoic Acid	122	6.077	6.077	(0.978)	1044768	40.0000	54(M)
	27 Bis(2-Chloroethoxy)methane	93	5.994	5.994	(0.965)	2715715	40.0000	41
	28 2,4-Dichlorophenol	162	6.089	6.089	(0.980)	2026438	40.0000	42
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.991)	2196275	40.0000	40
	30 Naphthalene	128	6.237	6.237	(1.004)	6675158	40.0000	41
	31 4-Chloroaniline	127	6.314	6.314	(1.016)	2908487	40.0000	42
	32 Hexachlorobutadiene	225	6.391	6.391	(1.029)	1317820	40.0000	41
	129 Caprolactam	113	6.730	6.730	(1.083)	716065	40.0000	45(M)
	33 4-Chloro-3-methylphenol	107	6.866	6.866	(1.105)	2081625	40.0000	42
	34 2-Methylnaphthalene	142	6.979	6.979	(1.123)	4621813	40.0000	41
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	2058291	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.943	6.943	(1.432)	1938065	40.0000	41
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	1190080	40.0000	44
	38 2,4,6-Trichlorophenol	196	7.294	7.294	(0.903)	1529779	40.0000	42
	39 2,4,5-Trichlorophenol	196	7.335	7.335	(0.908)	1589345	40.0000	43
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	4942439	40.0000	41
	130 1,1'-Biphenyl	154	7.478	7.478	(0.926)	5461519	40.0000	41
	41 2-Chloronaphthalene	162	7.490	7.490	(0.927)	4402182	40.0000	41
	42 2-Nitroaniline	65	7.614	7.614	(0.943)	1473330	40.0000	43
	43 Acenaphthylene	152	7.923	7.923	(0.981)	7410193	40.0000	42
	44 Dimethylphthalate	163	7.828	7.828	(0.969)	5191795	40.0000	42
	45 2,6-Dinitrotoluene	165	7.881	7.881	(0.976)	1285329	40.0000	43
	46 Acenaphthene	153	8.113	8.113	(1.004)	4624741	40.0000	41
	47 3-Nitroaniline	138	8.053	8.053	(0.997)	1469739	40.0000	43
	48 2,4-Dinitrophenol	184	8.160	8.160	(1.010)	511193	40.0000	38
	49 Dibenzofuran	168	8.297	8.297	(1.027)	6479291	40.0000	41
	50 2,4-Dinitrotoluene	165	8.303	8.303	(1.028)	1734722	40.0000	42
	51 4-Nitrophenol	109	8.261	8.261	(1.023)	590241	40.0000	43
	52 Fluorene	166	8.659	8.659	(1.072)	5394466	40.0000	41
	53 4-Chlorophenyl-phenylether	204	8.671	8.671	(1.073)	2709503	40.0000	42
	54 Diethylphthalate	149	8.576	8.576	(1.062)	5428874	40.0000	42
	55 4-Nitroaniline	138	8.706	8.706	(1.078)	1478469	40.0000	44
$	56 2,4,6-Tribromophenol	330	8.920	8.920	(1.104)	756553	40.0000	43
*	57 Phenanthrene-d10	188	9.650	9.650	(1.000)	3546731	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.736	8.736	(0.905)	872171	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	8.801	8.801	(0.912)	3991223	40.0000	41
	60 1,2-Diphenylhydrazine	77	8.837	8.837	(0.916)	5666474	40.0000	42
	61 4-Bromophenyl-phenylether	248	9.187	9.187	(0.952)	1611022	40.0000	42
	131 Atrazine	200	9.389	9.389	(0.973)	1442635	40.0000	43
	62 Hexachlorobenzene	284	9.252	9.252	(0.959)	1684265	40.0000	42
	63 Pentachlorophenol	266	9.466	9.466	(0.981)	855073	40.0000	39
	64 Phenanthrene	178	9.674	9.674	(1.002)	7608057	40.0000	42
	65 Carbazole	167	9.905	9.905	(1.026)	7416140	40.0000	43
	66 Anthracene	178	9.733	9.733	(1.009)	7761881	40.0000	43
	67 Di-n-butylphthalate	149	10.297	10.297	(1.067)	8561401	40.0000	42
	68 Fluoranthene	202	10.938	10.938	(1.133)	8383421	40.0000	42
*	70 Chrysene-d12	240	12.540	12.540	(1.000)	3306861	20.0000	

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	71 Benzidine	184	11.080	11.080	(0.884)	2020186	40.0000	52
	72 Pyrene	202	11.175	11.175	(0.891)	8559185	40.0000	42
$	73 Terphenyl-d14	244	11.347	11.347	(0.905)	5776350	40.0000	41
	74 Butylbenzylphthalate	149	11.876	11.876	(0.947)	3857610	40.0000	44
	124 3,3'-Dimethylbenzidine	212	11.852	11.852	(0.945)	1790002	40.0000	51
	75 3,3'-Dichlorobenzidine	252	12.505	12.505	(0.997)	2259157	40.0000	44
	76 Benzo(a)anthracene	228	12.529	12.529	(0.999)	7524720	40.0000	42
	77 Chrysene	228	12.576	12.576	(1.003)	6797464	40.0000	40
	78 Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.003)	4233667	40.0000	45
*	79 Perylene-d12	264	14.731	14.731	(1.000)	1680173	20.0000	
	80 Di-n-octylphthalate	149	13.502	13.502	(0.917)	4581721	40.0000	41
	81 Benzo(b)fluoranthene	252	14.090	14.090	(0.956)	4830150	40.0000	43
	82 Benzo(k)fluoranthene	252	14.137	14.137	(0.960)	5086426	40.0000	44
	83 Benzo(a)pyrene	252	14.636	14.636	(0.994)	3588331	40.0000	44
	84 Indeno(1,2,3-cd)pyrene	276	16.743	16.743	(1.137)	1467333	40.0000	39
	85 Dibenzo(a,h)anthracene	278	16.796	16.796	(1.140)	1488813	40.0000	39
	86 Benzo(g,h,i)perylene	276	17.271	17.271	(1.172)	1443568	40.0000	38
	167 Simazine	201	9.359	9.359	(0.970)	981307	40.0000	44
	103 1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	1102614	40.0000	44
	109 2,3,4,6-Tetrachlorophenol	232	8.439	8.439	(1.045)	1251950	40.0000	41
	119 Pentachloronitrobenzene	237	9.478	9.478	(0.982)	686095	40.0000	45

QC Flag Legend

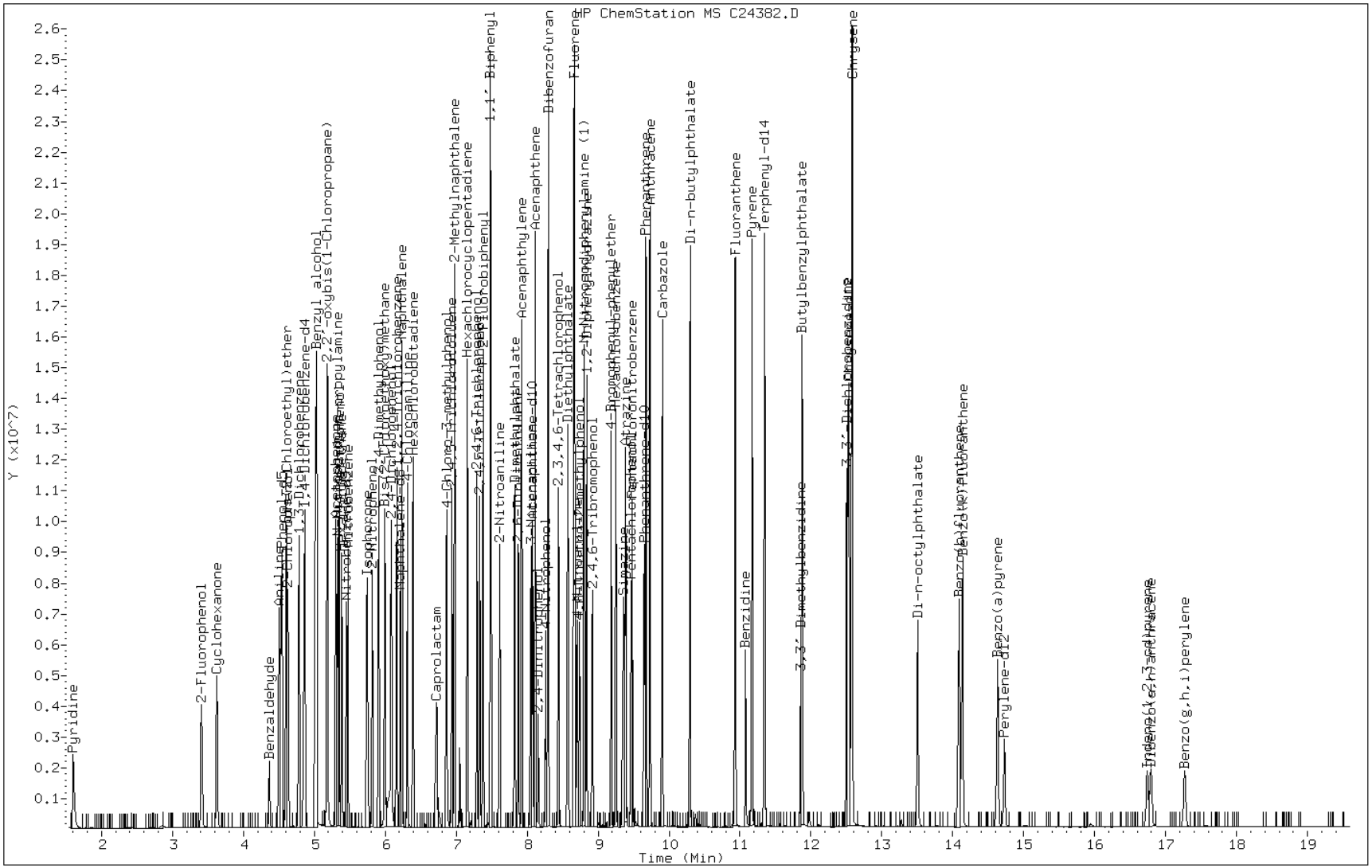
M - Compound response manually integrated.

Data File: C24382.D

Date: 21-JUL-2011 10:38

Client ID: ICIS-641574 Instrument: msc.i

Sample Info: ICIS-641574 Operator: S.Jonas



Manual Integration Report

Data File: C24382.D
Inj. Date and Time: 21-JUL-2011 10:38
Instrument ID: msc.i
Client ID: ICIS-641574
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

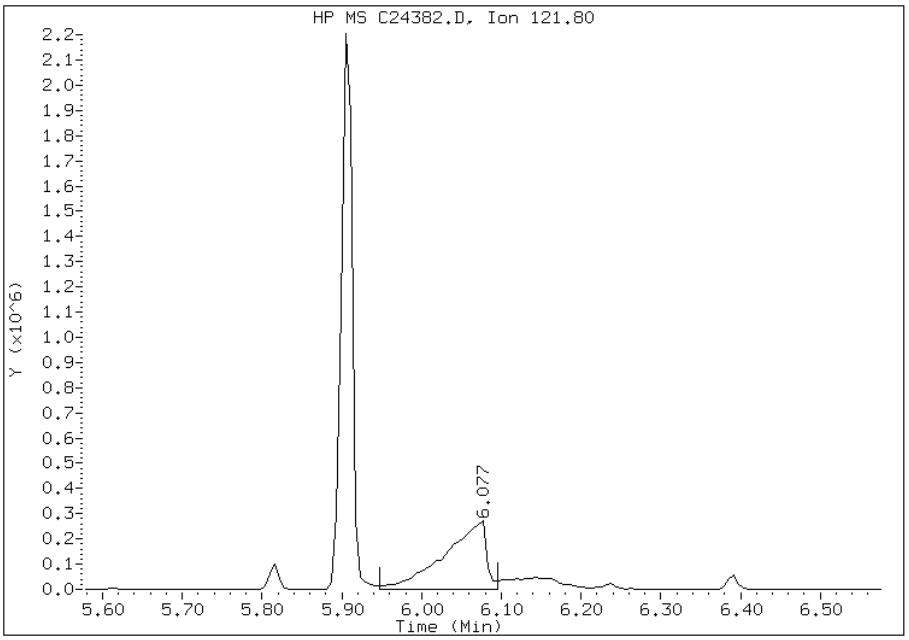
Processing Integration Results

RT: 6.08

Response: 984341

Amount: 40

Conc: 40



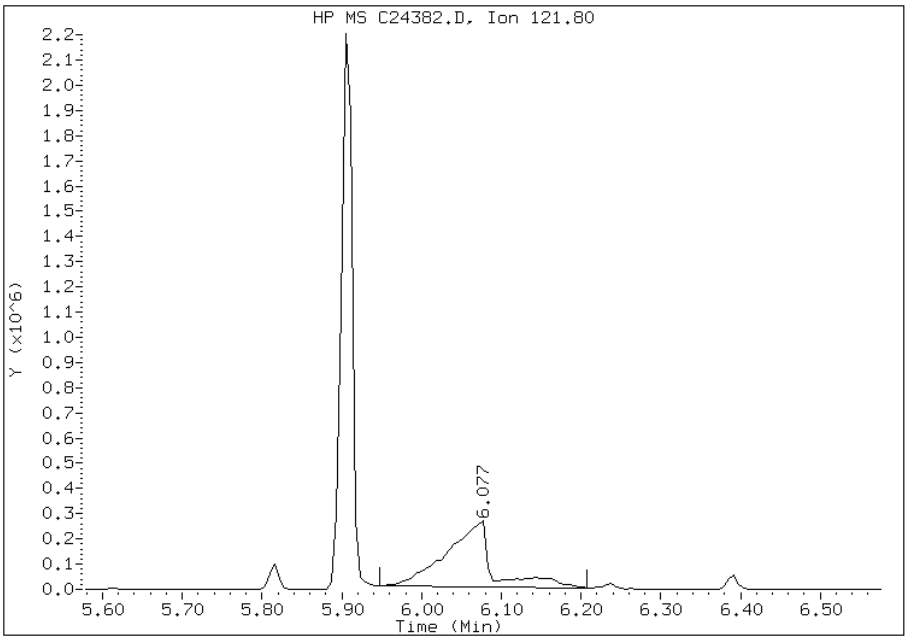
Manual Integration Results

RT: 6.08

Response: 1044768

Amount: 54

Conc: 54



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24382.D
Inj. Date and Time: 21-JUL-2011 10:38
Instrument ID: msc.i
Client ID: ICIS-641574
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

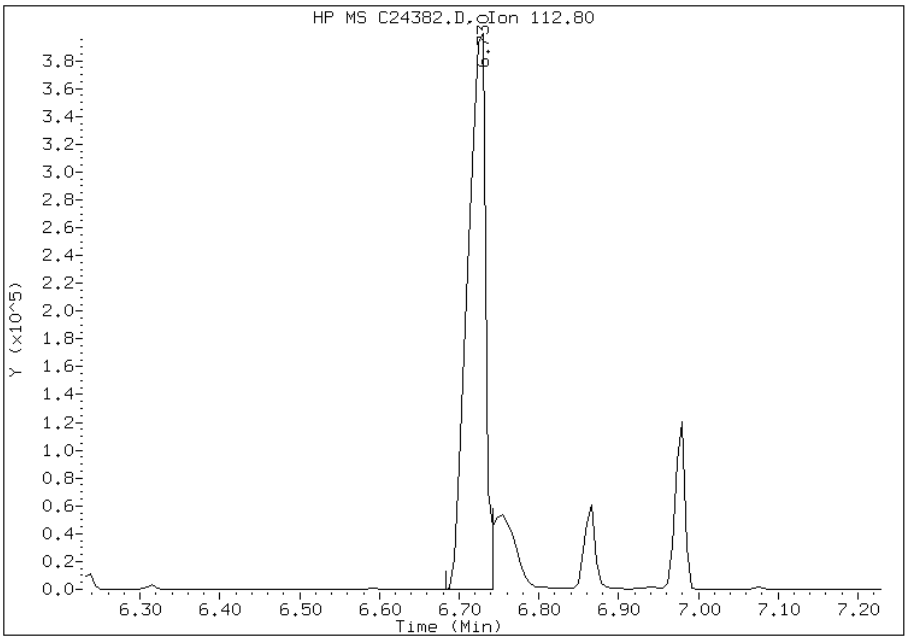
Processing Integration Results

RT: 6.73

Response: 628270

Amount: 40

Conc: 40



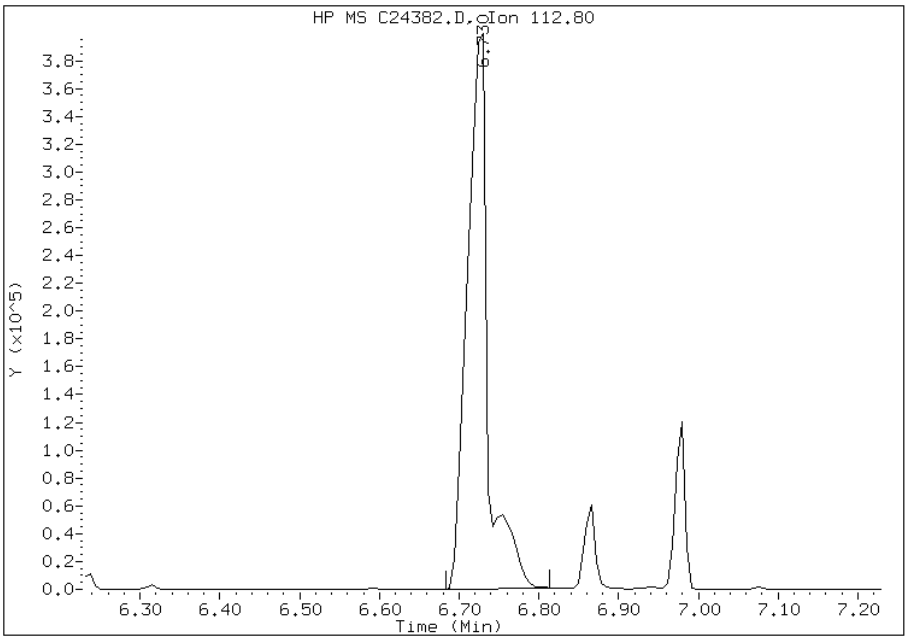
Manual Integration Results

RT: 6.73

Response: 716065

Amount: 45

Conc: 45



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24383.D
Lab Smp Id: IC-635513 Client Smp ID: IC-635513
Inj Date : 21-JUL-2011 11:16
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635513
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 11:16 Cal File: C24383.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	770255	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	82177	2.00000	2
$ 3	Phenol-d5	99	4.516	4.516	(0.931)	116178	2.00000	2
5	N-Nitrosodimethylamine	42	1.608	1.608	(0.332)	25450	2.00000	2
6	Cyclohexanone	42	3.632	3.632	(0.749)	65842	2.00000	3
128	Benzaldehyde	77	4.368	4.368	(0.901)	20038	2.00000	1.0
7	Phenol	94	4.528	4.528	(0.934)	127241	2.00000	2
8	Aniline	93	4.498	4.498	(0.928)	135224	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.593	4.593	(0.947)	89496	2.00000	2
10	2-Chlorophenol	128	4.623	4.623	(0.953)	109166	2.00000	2
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	123554	2.00000	2
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	130344	2.00000	2
13	Benzyl alcohol	108	5.026	5.026	(1.037)	56130	2.00000	2
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	123191	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	195481	2.00000	2
16	2-Methylphenol	108	5.175	5.175	(1.067)	91841	2.00000	2
92	Acetophenone	105	5.293	5.293	(1.092)	131881	2.00000	2
17	Hexachloroethane	117	5.388	5.388	(1.111)	50873	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.317	5.317	(1.097)	75395	2.00000	2
19	4-Methylphenol	108	5.341	5.341	(1.102)	98128	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.207	6.207	(1.000)	3144200	20.0000	
$	21 Nitrobenzene-d5	82	5.448	5.448	(0.878)	107706	2.00000	2
	22 Nitrobenzene	77	5.466	5.466	(0.880)	112123	2.00000	2
	23 Isophorone	82	5.733	5.733	(0.924)	195709	2.00000	2
	24 2-Nitrophenol	139	5.810	5.810	(0.936)	59652	2.00000	2
	25 2,4-Dimethylphenol	122	5.899	5.899	(0.950)	85448	2.00000	2
	27 Bis(2-Chloroethoxy)methane	93	5.988	5.988	(0.965)	127264	2.00000	2
	28 2,4-Dichlorophenol	162	6.077	6.077	(0.979)	86488	2.00000	2
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.992)	105336	2.00000	2
	30 Naphthalene	128	6.231	6.231	(1.004)	333623	2.00000	2
	31 4-Chloroaniline	127	6.308	6.308	(1.016)	122869	2.00000	2
	32 Hexachlorobutadiene	225	6.391	6.391	(1.030)	62413	2.00000	2
	129 Caprolactam	113	6.641	6.641	(1.070)	23617	2.00000	2
	33 4-Chloro-3-methylphenol	107	6.848	6.848	(1.103)	84707	2.00000	2
	34 2-Methylnaphthalene	142	6.973	6.973	(1.123)	219979	2.00000	2
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1909548	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.938	6.938	(1.431)	92936	2.00000	2
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	22008	2.00000	2
	38 2,4,6-Trichlorophenol	196	7.288	7.288	(0.902)	61605	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.323	7.323	(0.907)	161447	5.00000	5
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	233689	2.00000	2
	130 1,1'-Biphenyl	154	7.472	7.472	(0.925)	269400	2.00000	2
	41 2-Chloronaphthalene	162	7.484	7.484	(0.927)	210470	2.00000	2
	42 2-Nitroaniline	65	7.602	7.602	(0.941)	60100	2.00000	2
	43 Acenaphthylene	152	7.917	7.917	(0.980)	349281	2.00000	2
	44 Dimethylphthalate	163	7.810	7.810	(0.967)	228144	2.00000	2
	45 2,6-Dinitrotoluene	165	7.863	7.863	(0.974)	51450	2.00000	2
	46 Acenaphthene	153	8.107	8.107	(1.004)	217480	2.00000	2
	47 3-Nitroaniline	138	8.036	8.036	(0.995)	57069	2.00000	2
	48 2,4-Dinitrophenol	184	8.148	8.148	(1.009)	5405	5.00000	11
	49 Dibenzofuran	168	8.291	8.291	(1.026)	311681	2.00000	2
	50 2,4-Dinitrotoluene	165	8.291	8.291	(1.026)	71380	2.00000	2
	51 4-Nitrophenol	109	8.243	8.243	(1.021)	42173	5.00000	3
	52 Fluorene	166	8.653	8.653	(1.071)	251058	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.665	8.665	(1.073)	121830	2.00000	2
	54 Diethylphthalate	149	8.564	8.564	(1.060)	239785	2.00000	2
	55 4-Nitroaniline	138	8.677	8.677	(1.074)	54990	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.908	8.908	(1.103)	69776	5.00000	4
*	57 Phenanthrene-d10	188	9.644	9.644	(1.000)	3273794	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.718	8.718	(0.904)	20202	5.00000	8
	59 N-Nitrosodiphenylamine (1)	169	8.789	8.789	(0.911)	177459	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.831	8.831	(0.916)	256660	2.00000	2
	61 4-Bromophenyl-phenylether	248	9.181	9.181	(0.952)	67677	2.00000	2
	131 Atrazine	200	9.371	9.371	(0.972)	57776	2.00000	2
	62 Hexachlorobenzene	284	9.246	9.246	(0.959)	74435	2.00000	2
	63 Pentachlorophenol	266	9.454	9.454	(0.980)	20903	5.00000	8
	64 Phenanthrene	178	9.668	9.668	(1.002)	363570	2.00000	2
	65 Carbazole	167	9.899	9.899	(1.026)	331216	2.00000	2
	66 Anthracene	178	9.721	9.721	(1.008)	357375	2.00000	2
	67 Di-n-butylphthalate	149	10.291	10.291	(1.067)	399386	2.00000	2
	68 Fluoranthene	202	10.926	10.926	(1.133)	387605	2.00000	2
*	70 Chrysene-d12	240	12.535	12.535	(1.000)	3004846	20.0000	
	72 Pyrene	202	11.163	11.163	(0.891)	389562	2.00000	2
$	73 Terphenyl-d14	244	11.342	11.342	(0.905)	264913	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
74	Butylbenzylphthalate	149	11.876	11.876	(0.947)	140383	2.00000	2
75	3,3'-Dichlorobenzidine	252	12.493	12.493	(0.997)	78555	2.00000	2
76	Benzo(a)anthracene	228	12.517	12.517	(0.999)	330291	2.00000	2
77	Chrysene	228	12.564	12.564	(1.002)	317568	2.00000	2
78	Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.004)	146253	2.00000	2
* 79	Perylene-d12	264	14.731	14.731	(1.000)	1771128	20.0000	
80	Di-n-octylphthalate	149	13.502	13.502	(0.917)	127146	2.00000	3
81	Benzo(b)fluoranthene	252	14.072	14.072	(0.955)	210485	2.00000	2
82	Benzo(k)fluoranthene	252	14.119	14.119	(0.959)	218692	2.00000	2
83	Benzo(a)pyrene	252	14.618	14.618	(0.992)	161526	2.00000	2
84	Indeno(1,2,3-cd)pyrene	276	16.731	16.731	(1.136)	76280	2.00000	2
85	Dibenzo(a,h)anthracene	278	16.784	16.784	(1.139)	69002	2.00000	2
86	Benzo(g,h,i)perylene	276	17.253	17.253	(1.171)	70928	2.00000	3
167	Simazine	201	9.329	9.329	(0.967)	37188	2.00000	3(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	48704	2.00000	2
109	2,3,4,6-Tetrachlorophenol	232	8.433	8.433	(1.044)	40790	2.00000	4
119	Pentachloronitrobenzene	237	9.472	9.472	(0.982)	27569	2.00000	2

QC Flag Legend

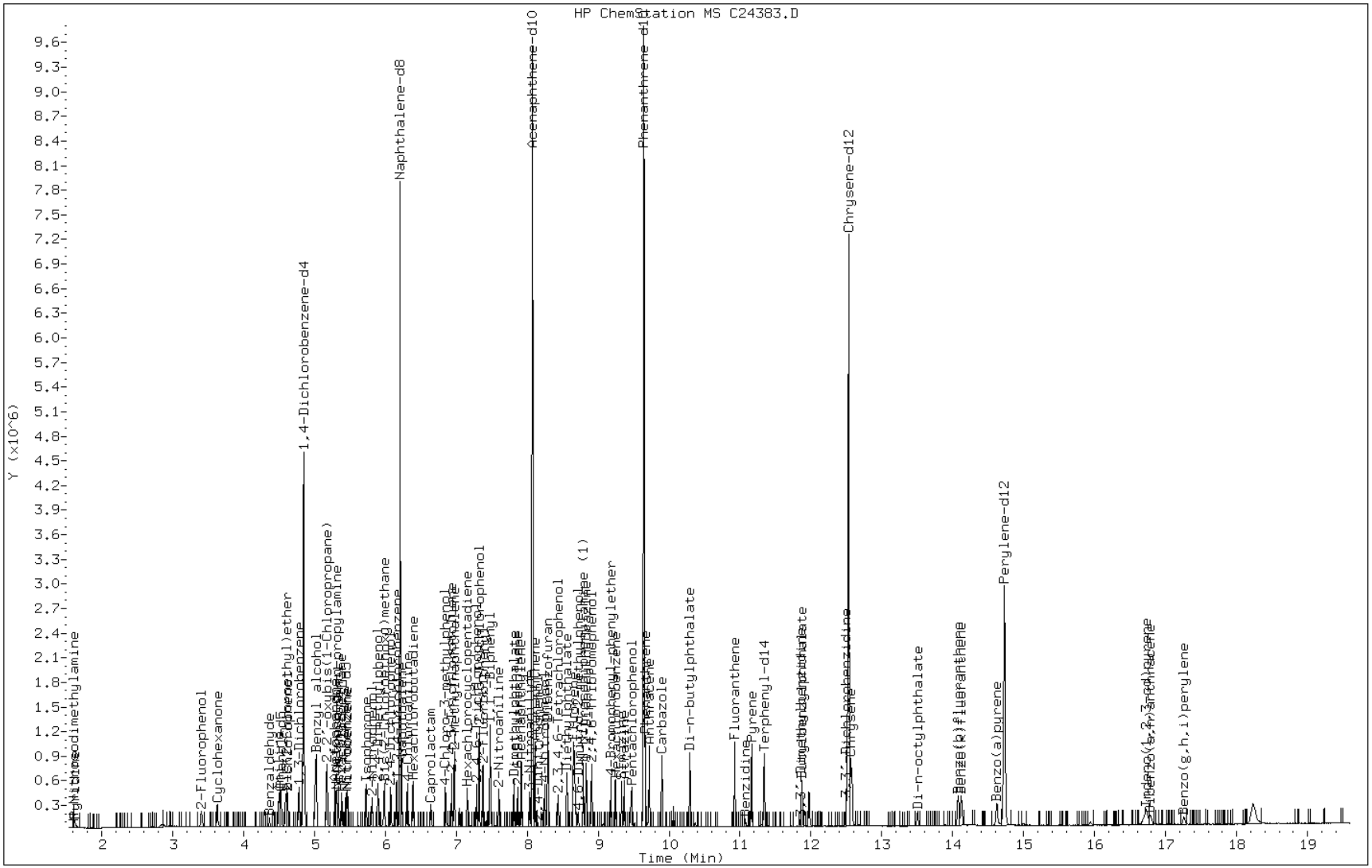
H - Operator selected an alternate compound hit.

Data File: C24383.D

Date: 21-JUL-2011 11:16

Client ID: IC-635513 Instrument: msc.i

Sample Info: IC-635513 Operator: S.Jonas



Manual Integration Report

Data File: C24383.D
Inj. Date and Time: 21-JUL-2011 11:16
Instrument ID: msc.i
Client ID: IC-635513
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/22/2011

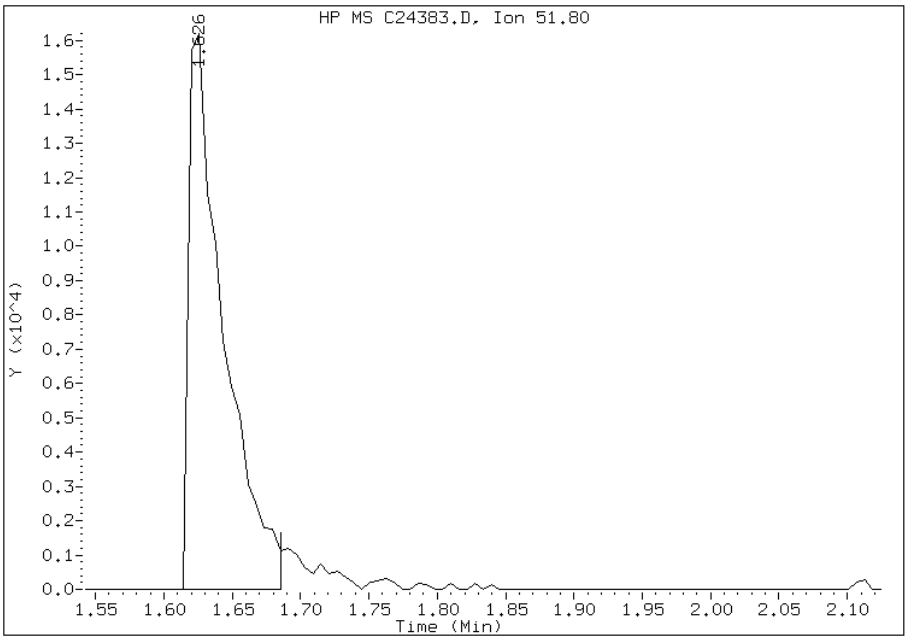
Processing Integration Results

RT: 1.63

Response: 29209

Amount: 2

Conc: 2



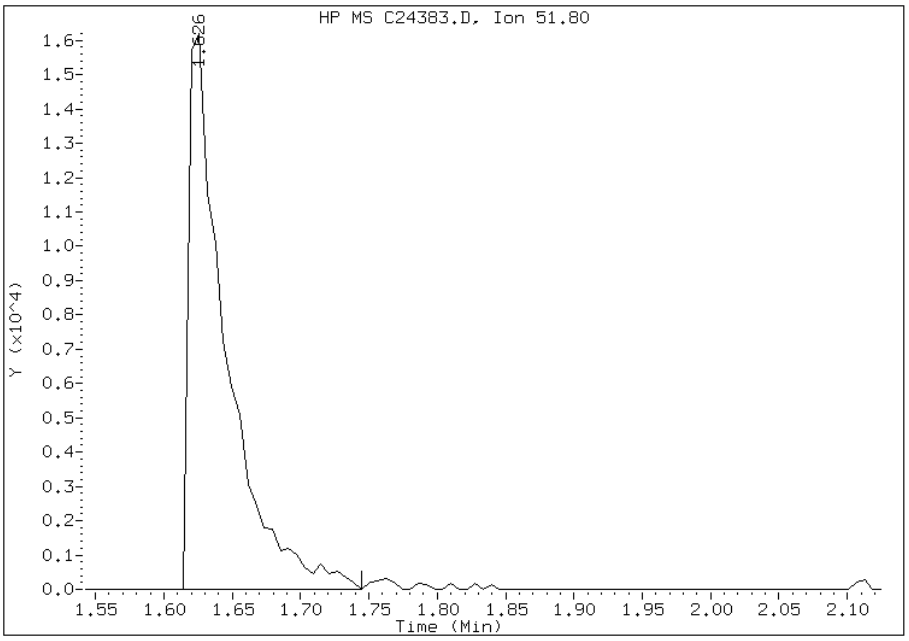
Manual Integration Results

RT: 1.63

Response: 31212

Amount: 2

Conc: 2



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24383.D
Inj. Date and Time: 21-JUL-2011 11:16
Instrument ID: msc.i
Client ID: IC-635513
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

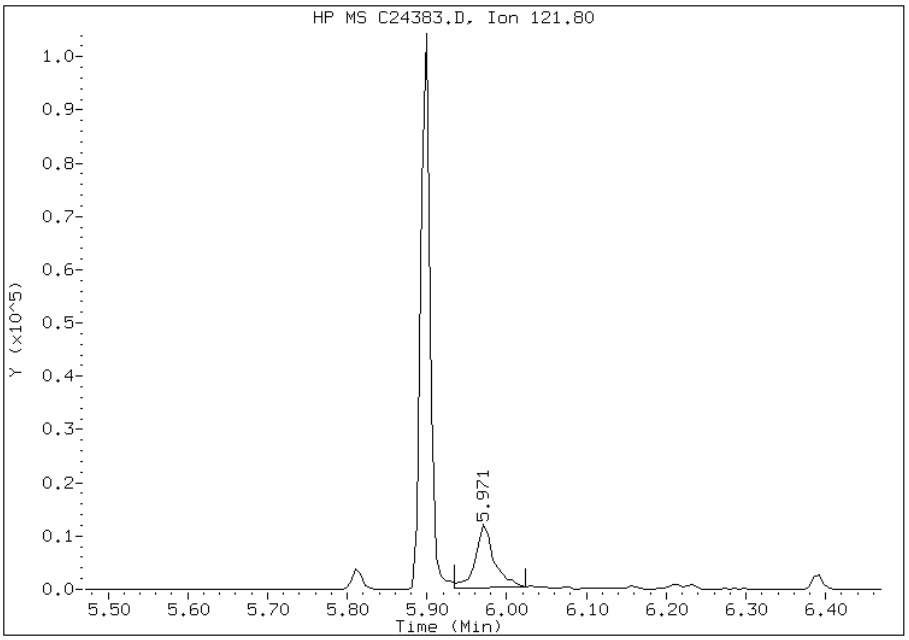
Processing Integration Results

RT: 5.97

Response: 19888

Amount: 1

Conc: 1



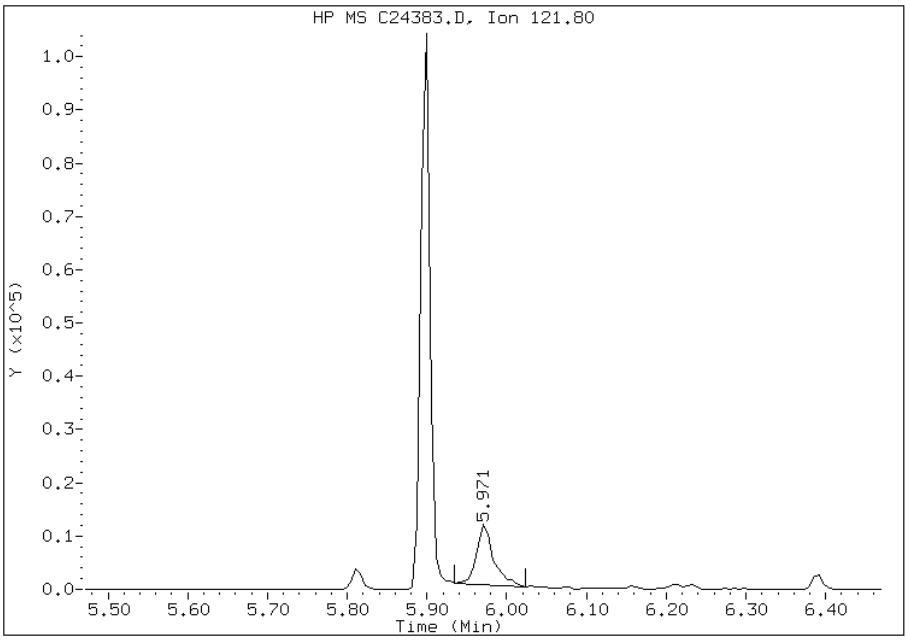
Manual Integration Results

RT: 5.97

Response: 17090

Amount: 1

Conc: 1



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24384.D
Lab Smp Id: IC-635514 Client Smp ID: IC-635514
Inj Date : 21-JUL-2011 11:46
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635514
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 11:46 Cal File: C24384.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.842	4.842	(1.000)	752844	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	160633	4.00000	4
$ 3	Phenol-d5	99	4.516	4.516	(0.933)	222496	4.00000	4
4	Pyridine	52	1.619	1.619	(0.335)	58382	4.00000	4
5	N-Nitrosodimethylamine	42	1.608	1.608	(0.332)	45923	4.00000	4
6	Cyclohexanone	42	3.626	3.626	(0.749)	122649	4.00000	5
128	Benzaldehyde	77	4.362	4.362	(0.901)	136616	4.00000	7
7	Phenol	94	4.528	4.528	(0.935)	243333	4.00000	4
8	Aniline	93	4.498	4.498	(0.929)	269132	4.00000	4
9	bis(2-Chloroethyl)ether	63	4.587	4.587	(0.947)	162600	4.00000	4
10	2-Chlorophenol	128	4.623	4.623	(0.955)	206544	4.00000	4
11	1,3-Dichlorobenzene	146	4.777	4.777	(0.987)	236777	4.00000	4
12	1,4-Dichlorobenzene	146	4.860	4.860	(1.004)	246190	4.00000	4
13	Benzyl alcohol	108	5.020	5.020	(1.037)	109802	4.00000	4
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.038)	232634	4.00000	4
15	2,2'-oxybis(1-Chloropropane)	45	5.175	5.175	(1.069)	366656	4.00000	4
16	2-Methylphenol	108	5.169	5.169	(1.067)	178578	4.00000	4
92	Acetophenone	105	5.293	5.293	(1.093)	258339	4.00000	4
17	Hexachloroethane	117	5.382	5.382	(1.112)	98530	4.00000	4
18	N-Nitroso-di-n-propylamine	70	5.311	5.311	(1.097)	147613	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.335	5.335	(1.102)	187997	4.00000	4
*	20 Naphthalene-d8	136	6.207	6.207	(1.000)	3103839	20.0000	
$	21 Nitrobenzene-d5	82	5.442	5.442	(0.877)	210982	4.00000	4
	22 Nitrobenzene	77	5.466	5.466	(0.880)	214116	4.00000	4
	23 Isophorone	82	5.727	5.727	(0.923)	389252	4.00000	4
	24 2-Nitrophenol	139	5.810	5.810	(0.936)	114078	4.00000	4
	25 2,4-Dimethylphenol	122	5.893	5.893	(0.949)	171115	4.00000	4
	26 Benzoic Acid	122	5.988	5.988	(0.965)	62838	10.0000	3(M)
	27 Bis(2-Chloroethoxy)methane	93	5.982	5.982	(0.964)	248124	4.00000	4
	28 2,4-Dichlorophenol	162	6.077	6.077	(0.979)	173462	4.00000	4
	29 1,2,4-Trichlorobenzene	180	6.154	6.154	(0.991)	203603	4.00000	4
	30 Naphthalene	128	6.225	6.225	(1.003)	639519	4.00000	4
	31 4-Chloroaniline	127	6.302	6.302	(1.015)	259866	4.00000	4
	32 Hexachlorobutadiene	225	6.385	6.385	(1.029)	118974	4.00000	4
	129 Caprolactam	113	6.647	6.647	(1.071)	52209	4.00000	4
	33 4-Chloro-3-methylphenol	107	6.848	6.848	(1.103)	173440	4.00000	4
	34 2-Methylnaphthalene	142	6.967	6.967	(1.122)	427046	4.00000	4
*	35 Acenaphthene-d10	164	8.071	8.071	(1.000)	1925762	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.932	6.932	(1.431)	177090	4.00000	4
	37 Hexachlorocyclopentadiene	237	7.151	7.151	(0.886)	56637	4.00000	3
	38 2,4,6-Trichlorophenol	196	7.282	7.282	(0.902)	126031	4.00000	4
	39 2,4,5-Trichlorophenol	196	7.317	7.317	(0.907)	319209	10.0000	9
$	40 2-Fluorobiphenyl	172	7.371	7.371	(0.913)	457652	4.00000	4
	130 1,1'-Biphenyl	154	7.472	7.472	(0.926)	527961	4.00000	4
	41 2-Chloronaphthalene	162	7.478	7.478	(0.926)	413659	4.00000	4
	42 2-Nitroaniline	65	7.596	7.596	(0.941)	123498	4.00000	4
	43 Acenaphthylene	152	7.917	7.917	(0.981)	675425	4.00000	4
	44 Dimethylphthalate	163	7.810	7.810	(0.968)	461892	4.00000	4
	45 2,6-Dinitrotoluene	165	7.863	7.863	(0.974)	103839	4.00000	4
	46 Acenaphthene	153	8.101	8.101	(1.004)	431091	4.00000	4
	47 3-Nitroaniline	138	8.036	8.036	(0.996)	118943	4.00000	4
	48 2,4-Dinitrophenol	184	8.142	8.142	(1.009)	26452	10.0000	12
	49 Dibenzofuran	168	8.285	8.285	(1.026)	614237	4.00000	4
	50 2,4-Dinitrotoluene	165	8.285	8.285	(1.026)	145291	4.00000	4
	51 4-Nitrophenol	109	8.243	8.243	(1.021)	99182	10.0000	8
	52 Fluorene	166	8.647	8.647	(1.071)	493292	4.00000	4
	53 4-Chlorophenyl-phenylether	204	8.659	8.659	(1.073)	239135	4.00000	4
	54 Diethylphthalate	149	8.558	8.558	(1.060)	478600	4.00000	4
	55 4-Nitroaniline	138	8.677	8.677	(1.075)	117595	4.00000	4
$	56 2,4,6-Tribromophenol	330	8.908	8.908	(1.104)	152576	10.0000	9
*	57 Phenanthrene-d10	188	9.638	9.638	(1.000)	3304528	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.712	8.712	(0.904)	85432	10.0000	10
	59 N-Nitrosodiphenylamine (1)	169	8.789	8.789	(0.912)	355356	4.00000	4
	60 1,2-Diphenylhydrazine	77	8.825	8.825	(0.916)	503744	4.00000	4
	61 4-Bromophenyl-phenylether	248	9.175	9.175	(0.952)	137319	4.00000	4
	131 Atrazine	200	9.365	9.365	(0.972)	121127	4.00000	4
	62 Hexachlorobenzene	284	9.240	9.240	(0.959)	148838	4.00000	4
	63 Pentachlorophenol	266	9.454	9.454	(0.981)	83419	10.0000	11
	64 Phenanthrene	178	9.662	9.662	(1.002)	709159	4.00000	4
	65 Carbazole	167	9.893	9.893	(1.026)	661237	4.00000	4
	66 Anthracene	178	9.715	9.715	(1.008)	713013	4.00000	4
	67 Di-n-butylphthalate	149	10.285	10.285	(1.067)	805681	4.00000	4
	68 Fluoranthene	202	10.920	10.920	(1.133)	757073	4.00000	4
*	70 Chrysene-d12	240	12.523	12.523	(1.000)	3052308	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
72	Pyrene	202	11.157	11.157	(0.891)	781166	4.00000	4
$ 73	Terphenyl-d14	244	11.336	11.336	(0.905)	522779	4.00000	4
74	Butylbenzylphthalate	149	11.864	11.864	(0.947)	298994	4.00000	4
75	3,3'-Dichlorobenzidine	252	12.487	12.487	(0.997)	176280	4.00000	4
76	Benzo(a)anthracene	228	12.511	12.511	(0.999)	657556	4.00000	4
77	Chrysene	228	12.552	12.552	(1.002)	648237	4.00000	4
78	Bis(2-Ethylhexyl)phthalate	149	12.570	12.570	(1.004)	306460	4.00000	4
* 79	Perylene-d12	264	14.719	14.719	(1.000)	1839767	20.0000	
80	Di-n-octylphthalate	149	13.490	13.490	(0.917)	288860	4.00000	5
81	Benzo(b)fluoranthene	252	14.066	14.066	(0.956)	452620	4.00000	4
82	Benzo(k)fluoranthene	252	14.107	14.107	(0.958)	450709	4.00000	4
83	Benzo(a)pyrene	252	14.612	14.612	(0.993)	322723	4.00000	4
84	Indeno(1,2,3-cd)pyrene	276	16.719	16.719	(1.136)	152837	4.00000	4
85	Dibenzo(a,h)anthracene	278	16.772	16.772	(1.140)	141079	4.00000	4
86	Benzo(g,h,i)perylene	276	17.247	17.247	(1.172)	146105	4.00000	5
167	Simazine	201	9.329	9.329	(0.968)	79249	4.00000	5(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.151	7.151	(0.886)	97156	5.00000	4
109	2,3,4,6-Tetrachlorophenol	232	8.427	8.427	(1.044)	91016	5.00000	5
119	Pentachloronitrobenzene	237	9.466	9.466	(0.982)	58122	5.00000	4

QC Flag Legend

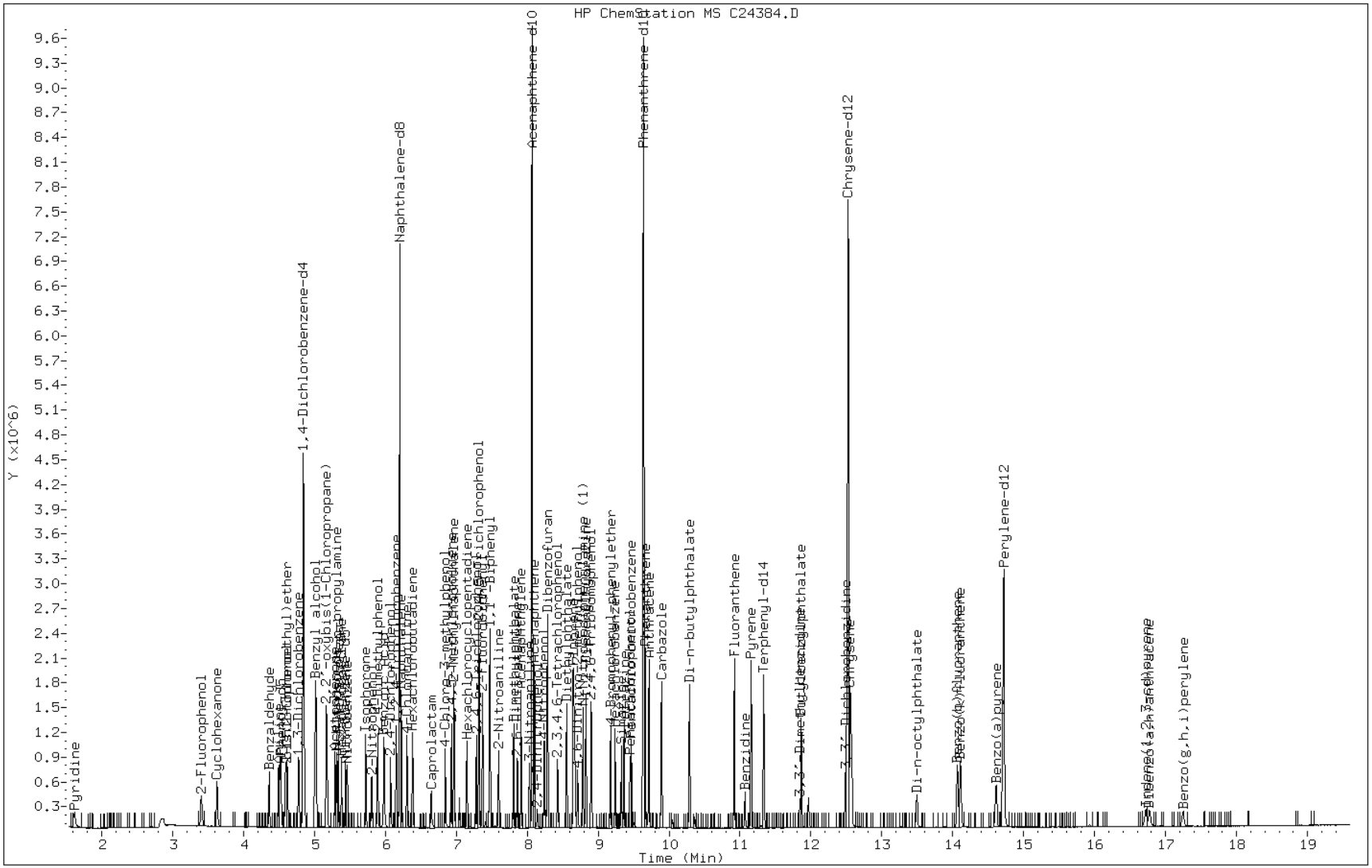
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24384.D

Date: 21-JUL-2011 11:46

Client ID: IC-635514 Instrument: msc.i

Sample Info: IC-635514 Operator: S.Jonas



Manual Integration Report

Data File: C24384.D
Inj. Date and Time: 21-JUL-2011 11:46
Instrument ID: msc.i
Client ID: IC-635514
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

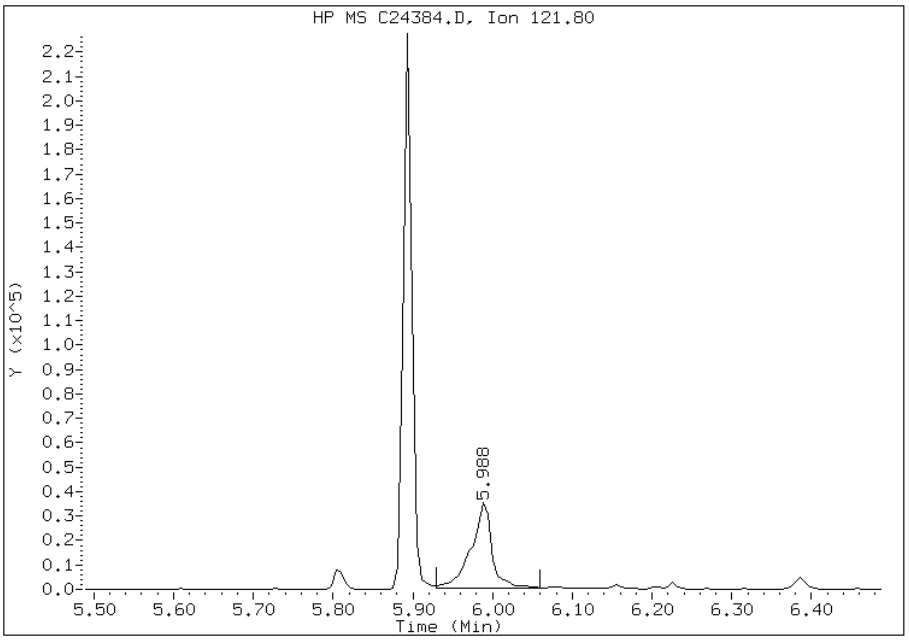
Processing Integration Results

RT: 5.99

Response: 62838

Amount: 3

Conc: 3



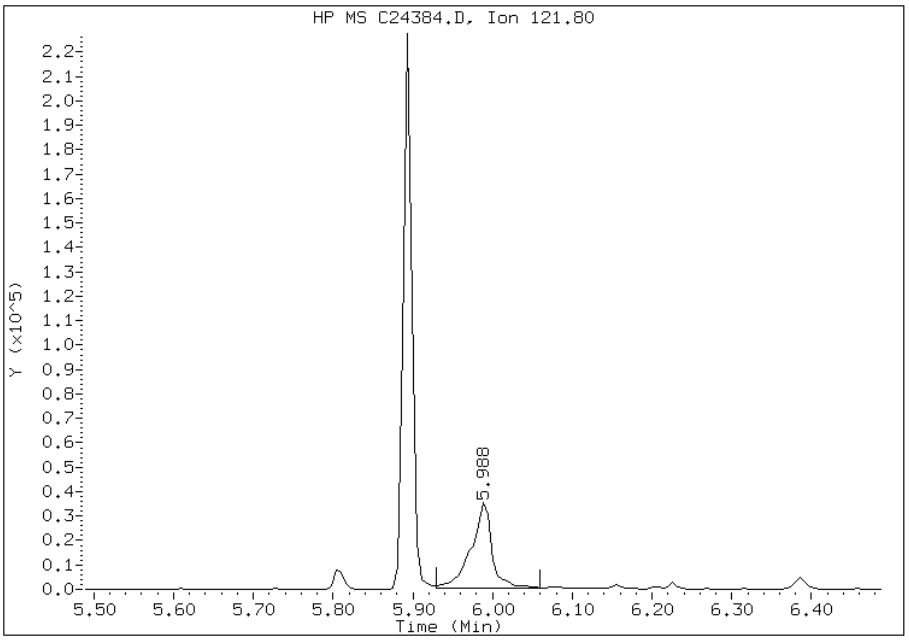
Manual Integration Results

RT: 5.99

Response: 62838

Amount: 3

Conc: 3



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24385.D
Lab Smp Id: IC-635515 Client Smp ID: IC-635515
Inj Date : 21-JUL-2011 12:16
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635515
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 12:16 Cal File: C24385.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	781103	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	412348	10.0000	10
$ 3	Phenol-d5	99	4.516	4.516	(0.931)	563342	10.0000	10
4	Pyridine	52	1.607	1.607	(0.332)	151682	10.0000	10
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	117766	10.0000	10
6	Cyclohexanone	42	3.625	3.625	(0.748)	286354	10.0000	11
128	Benzaldehyde	77	4.367	4.367	(0.901)	322574	10.0000	15
7	Phenol	94	4.534	4.534	(0.935)	621659	10.0000	10
8	Aniline	93	4.498	4.498	(0.928)	665076	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.593	4.593	(0.947)	423354	10.0000	10
10	2-Chlorophenol	128	4.623	4.623	(0.953)	540262	10.0000	10
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	597118	10.0000	10
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	618885	10.0000	10
13	Benzyl alcohol	108	5.026	5.026	(1.037)	308575	10.0000	10
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	587423	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	917709	10.0000	10
16	2-Methylphenol	108	5.175	5.175	(1.067)	457103	10.0000	10
92	Acetophenone	105	5.293	5.293	(1.092)	651712	10.0000	10
17	Hexachloroethane	117	5.388	5.388	(1.111)	249002	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.317	5.317	(1.097)	376195	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.341	5.341	(1.102)	495074	10.0000	10
*	20 Naphthalene-d8	136	6.207	6.207	(1.000)	3186285	20.0000	
$	21 Nitrobenzene-d5	82	5.448	5.448	(0.878)	530736	10.0000	10
	22 Nitrobenzene	77	5.465	5.465	(0.880)	538783	10.0000	10
	23 Isophorone	82	5.733	5.733	(0.924)	989740	10.0000	10
	24 2-Nitrophenol	139	5.810	5.810	(0.936)	297869	10.0000	9
	25 2,4-Dimethylphenol	122	5.899	5.899	(0.950)	440241	10.0000	9
	26 Benzoic Acid	122	6.041	6.041	(0.973)	358074	25.0000	19
	27 Bis(2-Chloroethoxy)methane	93	5.988	5.988	(0.965)	627519	10.0000	10
	28 2,4-Dichlorophenol	162	6.077	6.077	(0.979)	456426	10.0000	10
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.992)	506010	10.0000	10
	30 Naphthalene	128	6.231	6.231	(1.004)	1579152	10.0000	10
	31 4-Chloroaniline	127	6.308	6.308	(1.016)	659042	10.0000	10
	32 Hexachlorobutadiene	225	6.391	6.391	(1.030)	301066	10.0000	10
	129 Caprolactam	113	6.670	6.670	(1.075)	143405	10.0000	10(M)
	33 4-Chloro-3-methylphenol	107	6.854	6.854	(1.104)	462198	10.0000	10
	34 2-Methylnaphthalene	142	6.973	6.973	(1.123)	1088116	10.0000	10
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1958060	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.937	6.937	(1.431)	446541	10.0000	10
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	204359	10.0000	9
	38 2,4,6-Trichlorophenol	196	7.288	7.288	(0.902)	334247	10.0000	10
	39 2,4,5-Trichlorophenol	196	7.323	7.323	(0.907)	856667	25.0000	24
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	1162623	10.0000	10
	130 1,1'-Biphenyl	154	7.477	7.477	(0.926)	1309867	10.0000	10
	41 2-Chloronaphthalene	162	7.483	7.483	(0.927)	1032657	10.0000	10
	42 2-Nitroaniline	65	7.602	7.602	(0.941)	320148	10.0000	10
	43 Acenaphthylene	152	7.923	7.923	(0.981)	1753698	10.0000	11
	44 Dimethylphthalate	163	7.816	7.816	(0.968)	1154538	10.0000	10
	45 2,6-Dinitrotoluene	165	7.869	7.869	(0.974)	278428	10.0000	10
	46 Acenaphthene	153	8.107	8.107	(1.004)	1082097	10.0000	10
	47 3-Nitroaniline	138	8.041	8.041	(0.996)	318403	10.0000	10
	48 2,4-Dinitrophenol	184	8.148	8.148	(1.009)	186380	25.0000	21
	49 Dibenzofuran	168	8.291	8.291	(1.026)	1547670	10.0000	10
	50 2,4-Dinitrotoluene	165	8.291	8.291	(1.026)	380166	10.0000	10
	51 4-Nitrophenol	109	8.249	8.249	(1.021)	294493	25.0000	23
	52 Fluorene	166	8.653	8.653	(1.071)	1265960	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.665	8.665	(1.073)	610883	10.0000	10
	54 Diethylphthalate	149	8.564	8.564	(1.060)	1227091	10.0000	10
	55 4-Nitroaniline	138	8.688	8.688	(1.076)	310384	10.0000	10
$	56 2,4,6-Tribromophenol	330	8.914	8.914	(1.104)	410726	25.0000	24
*	57 Phenanthrene-d10	188	9.644	9.644	(1.000)	3407209	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.724	8.724	(0.905)	391152	25.0000	22
	59 N-Nitrosodiphenylamine (1)	169	8.795	8.795	(0.912)	900017	10.0000	10
	60 1,2-Diphenylhydrazine	77	8.831	8.831	(0.916)	1296396	10.0000	10
	61 4-Bromophenyl-phenylether	248	9.181	9.181	(0.952)	351250	10.0000	10
	131 Atrazine	200	9.371	9.371	(0.972)	296726	10.0000	9
	62 Hexachlorobenzene	284	9.246	9.246	(0.959)	373657	10.0000	10
	63 Pentachlorophenol	266	9.460	9.460	(0.981)	381687	25.0000	22
	64 Phenanthrene	178	9.668	9.668	(1.002)	1789487	10.0000	10
	65 Carbazole	167	9.899	9.899	(1.026)	1707035	10.0000	10
	66 Anthracene	178	9.721	9.721	(1.008)	1827430	10.0000	10
	67 Di-n-butylphthalate	149	10.291	10.291	(1.067)	2109709	10.0000	11
	68 Fluoranthene	202	10.926	10.926	(1.133)	1976562	10.0000	10
*	70 Chrysene-d12	240	12.534	12.534	(1.000)	3154416	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.074	11.074	(0.884)	448395	10.0000	12
72	Pyrene	202	11.163	11.163	(0.891)	1999396	10.0000	10
$ 73	Terphenyl-d14	244	11.341	11.341	(0.905)	1331281	10.0000	10
74	Butylbenzylphthalate	149	11.870	11.870	(0.947)	807963	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.852	11.852	(0.946)	375042	10.0000	11
75	3,3'-Dichlorobenzidine	252	12.493	12.493	(0.997)	483716	10.0000	10
76	Benzo(a)anthracene	228	12.517	12.517	(0.999)	1713434	10.0000	10
77	Chrysene	228	12.564	12.564	(1.002)	1650984	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.576	12.576	(1.003)	846616	10.0000	9
* 79	Perylene-d12	264	14.724	14.724	(1.000)	1917402	20.0000	
80	Di-n-octylphthalate	149	13.502	13.502	(0.917)	842068	10.0000	9
81	Benzo(b)fluoranthene	252	14.078	14.078	(0.956)	1159720	10.0000	9
82	Benzo(k)fluoranthene	252	14.119	14.119	(0.959)	1248737	10.0000	9
83	Benzo(a)pyrene	252	14.618	14.618	(0.993)	881686	10.0000	9
84	Indeno(1,2,3-cd)pyrene	276	16.731	16.731	(1.136)	399330	10.0000	10
85	Dibenzo(a,h)anthracene	278	16.784	16.784	(1.140)	388326	10.0000	10
86	Benzo(g,h,i)perylene	276	17.259	17.259	(1.172)	375252	10.0000	10
167	Simazine	201	9.335	9.335	(0.968)	200345	10.0000	11(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	245710	10.0000	10
109	2,3,4,6-Tetrachlorophenol	232	8.433	8.433	(1.044)	267123	10.0000	11
119	Pentachloronitrobenzene	237	9.472	9.472	(0.982)	156359	10.0000	11

QC Flag Legend

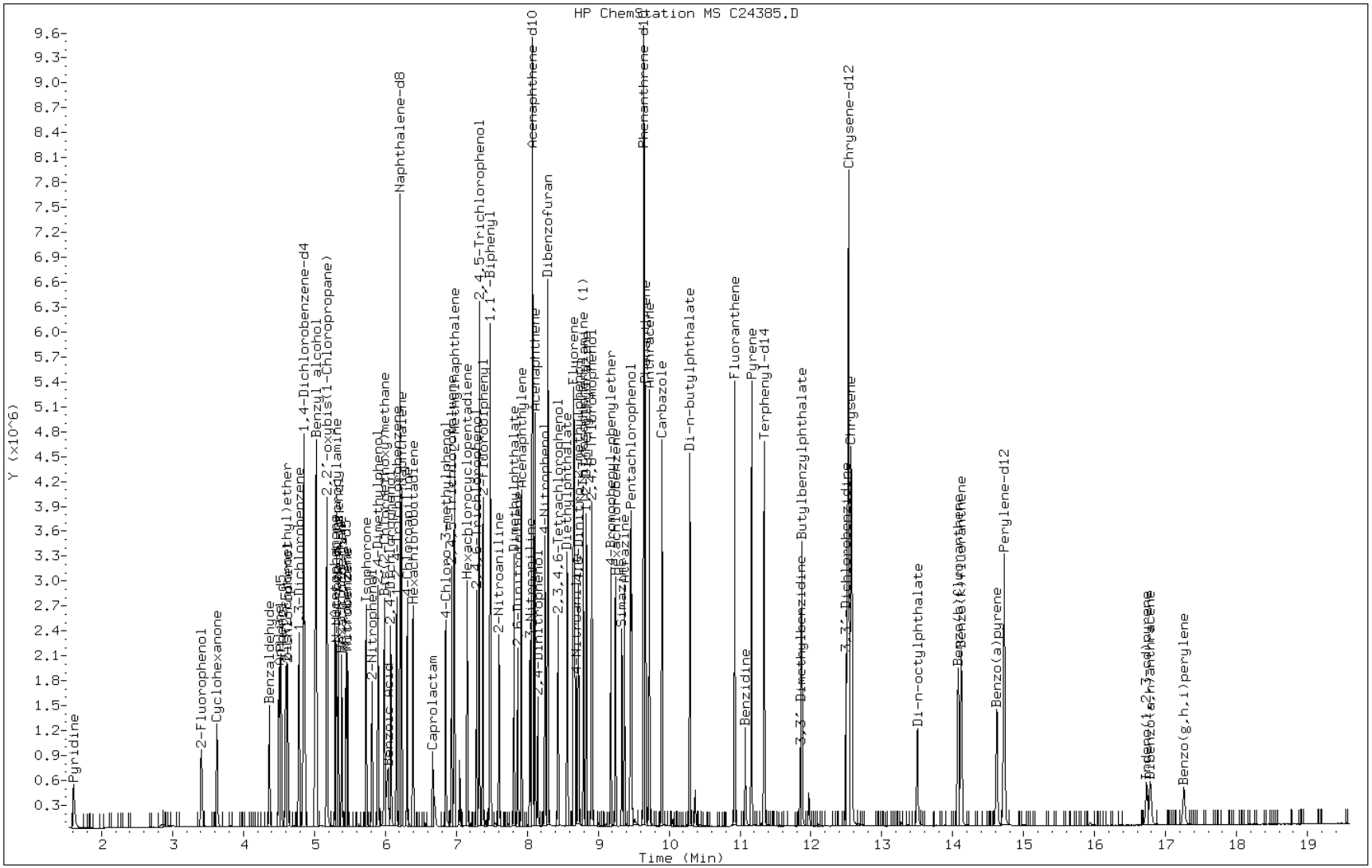
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24385.D

Date: 21-JUL-2011 12:16

Client ID: IC-635515 Instrument: msc.i

Sample Info: IC-635515 Operator: S.Jonas



Manual Integration Report

Data File: C24385.D
Inj. Date and Time: 21-JUL-2011 12:16
Instrument ID: msc.i
Client ID: IC-635515
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

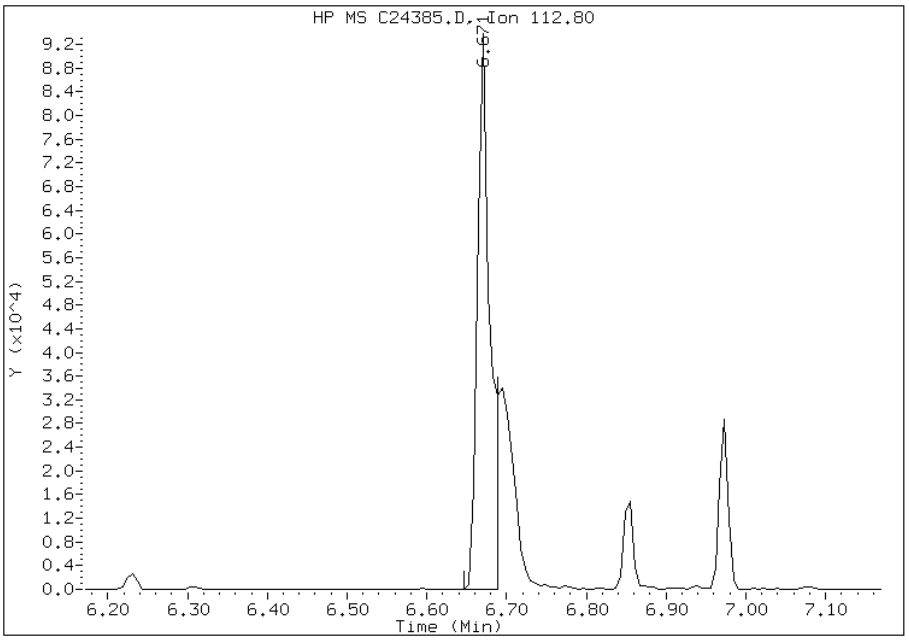
Processing Integration Results

RT: 6.67

Response: 104155

Amount: 8

Conc: 8



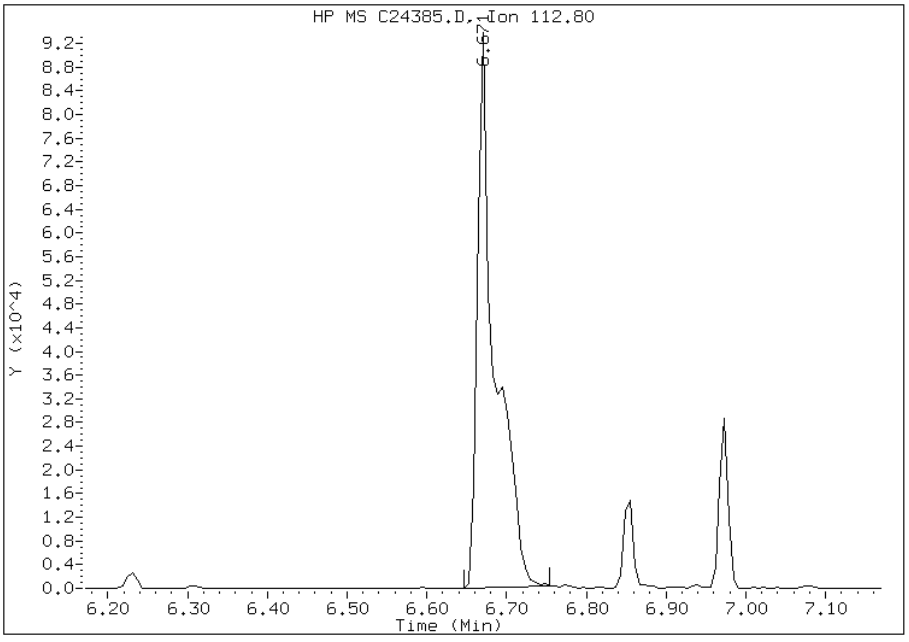
Manual Integration Results

RT: 6.67

Response: 143405

Amount: 10

Conc: 10



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24386.D
Lab Smp Id: IC-635516 Client Smp ID: IC-635516
Inj Date : 21-JUL-2011 12:47
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635516
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 12:47 Cal File: C24386.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	768376	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	845684	20.0000	20
$ 3	Phenol-d5	99	4.522	4.522	(0.933)	1143432	20.0000	20
4	Pyridine	52	1.608	1.608	(0.332)	299732	20.0000	19
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	237209	20.0000	20
6	Cyclohexanone	42	3.626	3.626	(0.748)	503681	20.0000	19
128	Benzaldehyde	77	4.362	4.362	(0.900)	567163	20.0000	28
7	Phenol	94	4.534	4.534	(0.935)	1254727	20.0000	20
8	Aniline	93	4.498	4.498	(0.928)	1283235	20.0000	19
9	bis(2-Chloroethyl)ether	63	4.593	4.593	(0.947)	849090	20.0000	20
10	2-Chlorophenol	128	4.629	4.629	(0.955)	1060817	20.0000	20
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	1212539	20.0000	20
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	1236196	20.0000	20
13	Benzyl alcohol	108	5.026	5.026	(1.037)	624949	20.0000	20
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	1178251	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	1830525	20.0000	20
16	2-Methylphenol	108	5.175	5.175	(1.067)	924340	20.0000	20
92	Acetophenone	105	5.299	5.299	(1.093)	1324777	20.0000	20
17	Hexachloroethane	117	5.388	5.388	(1.111)	505281	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.317	5.317	(1.097)	769953	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.341	5.341	(1.102)	1000643	20.0000	20
*	20 Naphthalene-d8	136	6.213	6.213	(1.000)	3165690	20.0000	
$	21 Nitrobenzene-d5	82	5.448	5.448	(0.877)	1080462	20.0000	20
	22 Nitrobenzene	77	5.471	5.471	(0.881)	1083639	20.0000	20
	23 Isophorone	82	5.733	5.733	(0.923)	2039112	20.0000	20
	24 2-Nitrophenol	139	5.816	5.816	(0.936)	627269	20.0000	20
	25 2,4-Dimethylphenol	122	5.899	5.899	(0.949)	931717	20.0000	20
	26 Benzoic Acid	122	6.053	6.053	(0.974)	601428	30.0000	32
	27 Bis(2-Chloroethoxy)methane	93	5.988	5.988	(0.964)	1266250	20.0000	20
	28 2,4-Dichlorophenol	162	6.083	6.083	(0.979)	946236	20.0000	20
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.991)	1022803	20.0000	20
	30 Naphthalene	128	6.231	6.231	(1.003)	3169601	20.0000	21
	31 4-Chloroaniline	127	6.308	6.308	(1.015)	1328080	20.0000	20
	32 Hexachlorobutadiene	225	6.391	6.391	(1.029)	604139	20.0000	20
	129 Caprolactam	113	6.694	6.694	(1.077)	312075	20.0000	22(M)
	33 4-Chloro-3-methylphenol	107	6.854	6.854	(1.103)	946316	20.0000	20
	34 2-Methylnaphthalene	142	6.973	6.973	(1.122)	2183737	20.0000	20
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1968073	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.937	6.937	(1.431)	903669	20.0000	20
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	476008	20.0000	19
	38 2,4,6-Trichlorophenol	196	7.288	7.288	(0.902)	695066	20.0000	20
	39 2,4,5-Trichlorophenol	196	7.329	7.329	(0.907)	1055649	30.0000	30
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	2342923	20.0000	20
	130 1,1'-Biphenyl	154	7.478	7.478	(0.926)	2656963	20.0000	21
	41 2-Chloronaphthalene	162	7.489	7.489	(0.927)	2090408	20.0000	20
	42 2-Nitroaniline	65	7.608	7.608	(0.942)	657789	20.0000	20
	43 Acenaphthylene	152	7.923	7.923	(0.981)	3542865	20.0000	21
	44 Dimethylphthalate	163	7.822	7.822	(0.968)	2387906	20.0000	20
	45 2,6-Dinitrotoluene	165	7.869	7.869	(0.974)	582050	20.0000	20
	46 Acenaphthene	153	8.113	8.113	(1.004)	2175643	20.0000	20
	47 3-Nitroaniline	138	8.047	8.047	(0.996)	661533	20.0000	20
	48 2,4-Dinitrophenol	184	8.154	8.154	(1.010)	275789	30.0000	26
	49 Dibenzofuran	168	8.297	8.297	(1.027)	3095025	20.0000	21
	50 2,4-Dinitrotoluene	165	8.297	8.297	(1.027)	784724	20.0000	20
	51 4-Nitrophenol	109	8.255	8.255	(1.022)	380046	30.0000	29
	52 Fluorene	166	8.659	8.659	(1.072)	2553554	20.0000	20
	53 4-Chlorophenyl-phenylether	204	8.671	8.671	(1.073)	1267356	20.0000	21
	54 Diethylphthalate	149	8.570	8.570	(1.061)	2498990	20.0000	20
	55 4-Nitroaniline	138	8.694	8.694	(1.076)	644230	20.0000	20
$	56 2,4,6-Tribromophenol	330	8.914	8.914	(1.104)	510533	30.0000	30
*	57 Phenanthrene-d10	188	9.644	9.644	(1.000)	3391874	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.730	8.730	(0.905)	531554	30.0000	28
	59 N-Nitrosodiphenylamine (1)	169	8.795	8.795	(0.912)	1863686	20.0000	20
	60 1,2-Diphenylhydrazine	77	8.837	8.837	(0.916)	2591380	20.0000	20
	61 4-Bromophenyl-phenylether	248	9.181	9.181	(0.952)	737873	20.0000	20
	131 Atrazine	200	9.377	9.377	(0.972)	581398	20.0000	18
	62 Hexachlorobenzene	284	9.246	9.246	(0.959)	774678	20.0000	20
	63 Pentachlorophenol	266	9.460	9.460	(0.981)	525469	30.0000	28
	64 Phenanthrene	178	9.674	9.674	(1.003)	3555651	20.0000	20
	65 Carbazole	167	9.905	9.905	(1.027)	3420808	20.0000	21
	66 Anthracene	178	9.727	9.727	(1.009)	3626862	20.0000	21
	67 Di-n-butylphthalate	149	10.291	10.291	(1.067)	4337717	20.0000	22
	68 Fluoranthene	202	10.932	10.932	(1.134)	3996443	20.0000	21
*	70 Chrysene-d12	240	12.534	12.534	(1.000)	3181115	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.074	11.074	(0.884)	876611	20.0000	23
72	Pyrene	202	11.169	11.169	(0.891)	3981098	20.0000	20
$ 73	Terphenyl-d14	244	11.341	11.341	(0.905)	2712889	20.0000	20
74	Butylbenzylphthalate	149	11.876	11.876	(0.947)	1725675	20.0000	20
124	3,3'-Dimethylbenzidine	212	11.852	11.852	(0.946)	830632	20.0000	25
75	3,3'-Dichlorobenzidine	252	12.499	12.499	(0.997)	1037527	20.0000	21
76	Benzo(a)anthracene	228	12.517	12.517	(0.999)	3479708	20.0000	20
77	Chrysene	228	12.570	12.570	(1.003)	3330034	20.0000	20
78	Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.004)	1840984	20.0000	20
* 79	Perylene-d12	264	14.725	14.725	(1.000)	1912332	20.0000	
80	Di-n-octylphthalate	149	13.502	13.502	(0.917)	1943917	20.0000	18
81	Benzo(b)fluoranthene	252	14.084	14.084	(0.956)	2424410	20.0000	19
82	Benzo(k)fluoranthene	252	14.125	14.125	(0.959)	2566322	20.0000	19
83	Benzo(a)pyrene	252	14.624	14.624	(0.993)	1830579	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.737	16.737	(1.137)	796184	20.0000	20
85	Dibenzo(a,h)anthracene	278	16.790	16.790	(1.140)	788487	20.0000	20
86	Benzo(g,h,i)perylene	276	17.265	17.265	(1.173)	740314	20.0000	19
167	Simazine	201	9.347	9.347	(0.969)	396019	20.0000	19(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	508066	25.0000	21
109	2,3,4,6-Tetrachlorophenol	232	8.439	8.439	(1.045)	572004	25.0000	21
119	Pentachloronitrobenzene	237	9.478	9.478	(0.983)	313478	25.0000	21

QC Flag Legend

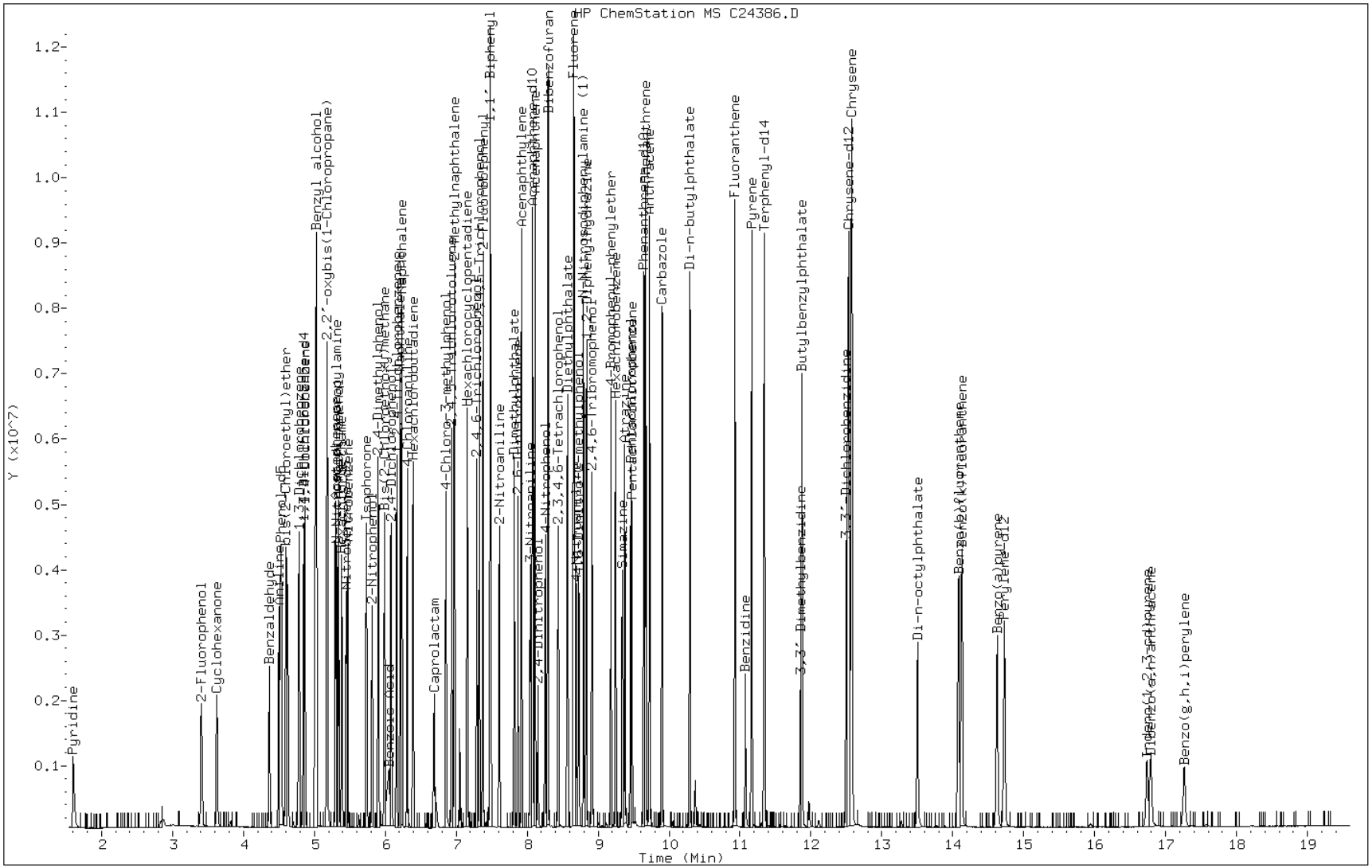
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24386.D

Date: 21-JUL-2011 12:47

Client ID: IC-635516 Instrument: msc.i

Sample Info: IC-635516 Operator: S.Jonas



Manual Integration Report

Data File: C24386.D
Inj. Date and Time: 21-JUL-2011 12:47
Instrument ID: msc.i
Client ID: IC-635516
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

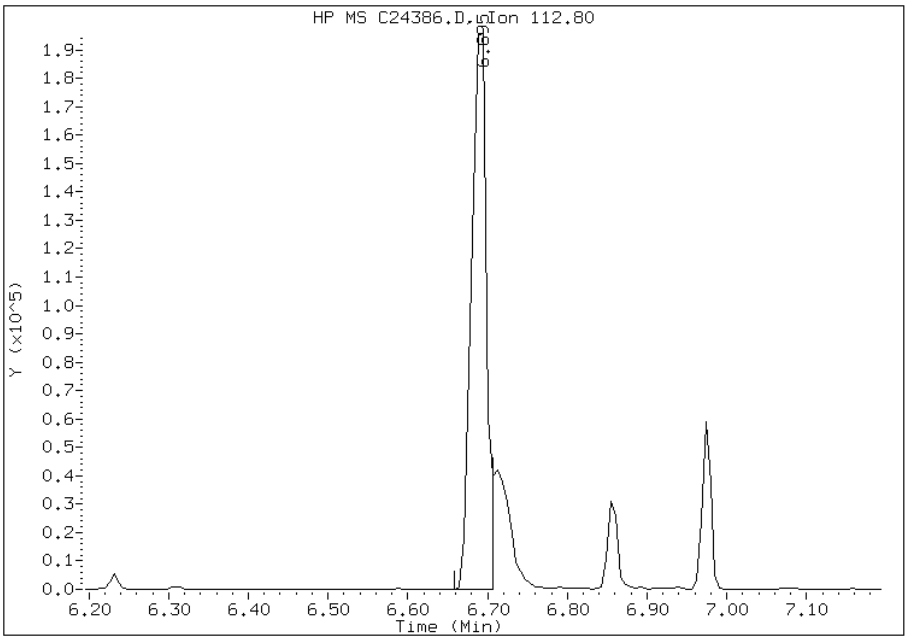
Processing Integration Results

RT: 6.69

Response: 259297

Amount: 18

Conc: 18



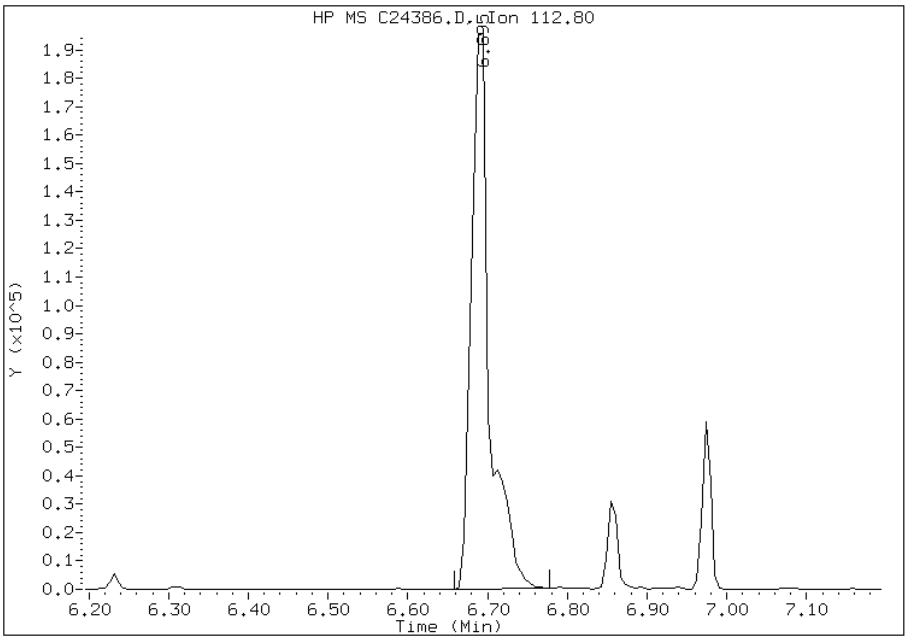
Manual Integration Results

RT: 6.69

Response: 312075

Amount: 22

Conc: 22



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24387.D
Lab Smp Id: IC-635517 Client Smp ID: IC-635517
Inj Date : 21-JUL-2011 13:18
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635517
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 13:18 Cal File: C24387.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	731008	20.0000	
$ 2	2-Fluorophenol	112	3.412	3.412	(0.704)	2517554	60.0000	63
$ 3	Phenol-d5	99	4.539	4.539	(0.936)	3408948	60.0000	62
4	Pyridine	52	1.607	1.607	(0.332)	909178	60.0000	62
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	703512	60.0000	61
6	Cyclohexanone	42	3.625	3.625	(0.748)	1045171	60.0000	42
128	Benzaldehyde	77	4.367	4.367	(0.901)	846241	60.0000	43
7	Phenol	94	4.551	4.551	(0.939)	3640043	60.0000	61
8	Aniline	93	4.504	4.504	(0.929)	3758159	60.0000	59
9	bis(2-Chloroethyl)ether	63	4.605	4.605	(0.950)	2579495	60.0000	63
10	2-Chlorophenol	128	4.634	4.634	(0.956)	3133432	60.0000	61
11	1,3-Dichlorobenzene	146	4.789	4.789	(0.988)	3543448	60.0000	62
12	1,4-Dichlorobenzene	146	4.872	4.872	(1.005)	3604636	60.0000	61
13	Benzyl alcohol	108	5.044	5.044	(1.040)	1883893	60.0000	64
14	1,2-Dichlorobenzene	146	5.032	5.032	(1.038)	3313768	60.0000	59
15	2,2'-oxybis(1-Chloropropane)	45	5.186	5.186	(1.070)	5099332	60.0000	59
16	2-Methylphenol	108	5.192	5.192	(1.071)	2694620	60.0000	61
92	Acetophenone	105	5.311	5.311	(1.095)	3888287	60.0000	62
17	Hexachloroethane	117	5.388	5.388	(1.111)	1482393	60.0000	61
18	N-Nitroso-di-n-propylamine	70	5.335	5.335	(1.100)	2337830	60.0000	64

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.359	5.359	(1.105)	2980129	60.0000	63
*	20 Naphthalene-d8	136	6.213	6.213	(1.000)	3024534	20.0000	
$	21 Nitrobenzene-d5	82	5.459	5.459	(0.879)	3226212	60.0000	62
	22 Nitrobenzene	77	5.483	5.483	(0.883)	3252529	60.0000	62
	23 Isophorone	82	5.750	5.750	(0.925)	6123034	60.0000	63
	24 2-Nitrophenol	139	5.822	5.822	(0.937)	1925695	60.0000	65
	25 2,4-Dimethylphenol	122	5.911	5.911	(0.951)	2913307	60.0000	66
	26 Benzoic Acid	122	6.106	6.106	(0.983)	1445126	60.0000	82(AM)
	27 Bis(2-Chloroethoxy)methane	93	6.000	6.000	(0.966)	3709682	60.0000	61
	28 2,4-Dichlorophenol	162	6.095	6.095	(0.981)	2771151	60.0000	63
	29 1,2,4-Trichlorobenzene	180	6.166	6.166	(0.992)	3044375	60.0000	62
	30 Naphthalene	128	6.237	6.237	(1.004)	8615487	60.0000	59
	31 4-Chloroaniline	127	6.320	6.320	(1.017)	3750967	60.0000	60
	32 Hexachlorobutadiene	225	6.391	6.391	(1.029)	1828669	60.0000	62
	129 Caprolactam	113	6.747	6.747	(1.086)	994728	60.0000	70(M)
	33 4-Chloro-3-methylphenol	107	6.872	6.872	(1.106)	2845025	60.0000	64
	34 2-Methylnaphthalene	142	6.985	6.985	(1.124)	6250028	60.0000	61
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1897639	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.943	6.943	(1.432)	2730503	60.0000	63
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	1609822	60.0000	64
	38 2,4,6-Trichlorophenol	196	7.299	7.299	(0.904)	2138143	60.0000	64
	39 2,4,5-Trichlorophenol	196	7.341	7.341	(0.909)	2182451	60.0000	64
$	40 2-Fluorobiphenyl	172	7.383	7.383	(0.914)	6707329	60.0000	60
	130 1,1'-Biphenyl	154	7.483	7.483	(0.927)	7212957	60.0000	59
	41 2-Chloronaphthalene	162	7.495	7.495	(0.928)	5927610	60.0000	59
	42 2-Nitroaniline	65	7.620	7.620	(0.943)	2010519	60.0000	63
	43 Acenaphthylene	152	7.929	7.929	(0.982)	9199043	60.0000	57
	44 Dimethylphthalate	163	7.834	7.834	(0.970)	7080755	60.0000	62
	45 2,6-Dinitrotoluene	165	7.887	7.887	(0.976)	1784938	60.0000	64
	46 Acenaphthene	153	8.118	8.118	(1.005)	6224177	60.0000	60
	47 3-Nitroaniline	138	8.059	8.059	(0.998)	2008351	60.0000	64
	48 2,4-Dinitrophenol	184	8.166	8.166	(1.011)	858063	60.0000	60
	49 Dibenzofuran	168	8.302	8.302	(1.028)	8474349	60.0000	58
	50 2,4-Dinitrotoluene	165	8.308	8.308	(1.029)	2389784	60.0000	63
	51 4-Nitrophenol	109	8.273	8.273	(1.024)	872844	60.0000	69
	52 Fluorene	166	8.665	8.665	(1.073)	7085751	60.0000	59
	53 4-Chlorophenyl-phenylether	204	8.676	8.676	(1.074)	3560012	60.0000	60
	54 Diethylphthalate	149	8.581	8.581	(1.062)	7411859	60.0000	62
	55 4-Nitroaniline	138	8.718	8.718	(1.079)	2002590	60.0000	65
$	56 2,4,6-Tribromophenol	330	8.926	8.926	(1.105)	1077585	60.0000	66
*	57 Phenanthrene-d10	188	9.650	9.650	(1.000)	3273733	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.748	8.748	(0.907)	1313173	60.0000	61
	59 N-Nitrosodiphenylamine (1)	169	8.807	8.807	(0.913)	5402276	60.0000	61
	60 1,2-Diphenylhydrazine	77	8.843	8.843	(0.916)	7493397	60.0000	60
	61 4-Bromophenyl-phenylether	248	9.187	9.187	(0.952)	2210448	60.0000	63
	131 Atrazine	200	9.401	9.401	(0.974)	2069524	60.0000	67
	62 Hexachlorobenzene	284	9.258	9.258	(0.959)	2305303	60.0000	62
	63 Pentachlorophenol	266	9.466	9.466	(0.981)	1336815	60.0000	61
	64 Phenanthrene	178	9.679	9.679	(1.003)	9684422	60.0000	57
	65 Carbazole	167	9.911	9.911	(1.027)	9562657	60.0000	60
	66 Anthracene	178	9.733	9.733	(1.009)	9453460	60.0000	56
	67 Di-n-butylphthalate	149	10.297	10.297	(1.067)	9709354	60.0000	52
	68 Fluoranthene	202	10.938	10.938	(1.133)	10563150	60.0000	58
*	70 Chrysene-d12	240	12.546	12.546	(1.000)	2942728	20.0000	

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	71 Benzidine	184	11.080	11.080	(0.883)	1887512	60.0000	54
	72 Pyrene	202	11.175	11.175	(0.891)	10701636	60.0000	59
$	73 Terphenyl-d14	244	11.353	11.353	(0.905)	7660059	60.0000	61
	74 Butylbenzylphthalate	149	11.881	11.881	(0.947)	5116444	60.0000	65
	124 3,3'-Dimethylbenzidine	212	11.852	11.852	(0.945)	1888641	60.0000	61
	75 3,3'-Dichlorobenzidine	252	12.511	12.511	(0.997)	2893256	60.0000	64
	76 Benzo(a)anthracene	228	12.528	12.528	(0.999)	9673388	60.0000	60
	77 Chrysene	228	12.582	12.582	(1.003)	8763826	60.0000	58
	78 Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.003)	5518149	60.0000	66
*	79 Perylene-d12	264	14.730	14.730	(1.000)	1324083	20.0000	
	80 Di-n-octylphthalate	149	13.508	13.508	(0.917)	6032821	60.0000	61
	81 Benzo(b)fluoranthene	252	14.095	14.095	(0.957)	5910395	60.0000	67
	82 Benzo(k)fluoranthene	252	14.143	14.143	(0.960)	6146394	60.0000	67
	83 Benzo(a)pyrene	252	14.635	14.635	(0.994)	4157905	60.0000	65
	84 Indeno(1,2,3-cd)pyrene	276	16.748	16.748	(1.137)	2061823	60.0000	61
	85 Dibenzo(a,h)anthracene	278	16.802	16.802	(1.141)	2096900	60.0000	61
	86 Benzo(g,h,i)perylene	276	17.283	17.283	(1.173)	2181162	60.0000	62
	167 Simazine	201	9.371	9.371	(0.971)	1357121	60.0000	66
	103 1,2,4,5-Tetrachlorobenzene	216	7.163	7.163	(0.887)	1534331	60.0000	66
	109 2,3,4,6-Tetrachlorophenol	232	8.445	8.445	(1.046)	1775035	60.0000	61
	119 Pentachloronitrobenzene	237	9.484	9.484	(0.983)	944541	60.0000	67

QC Flag Legend

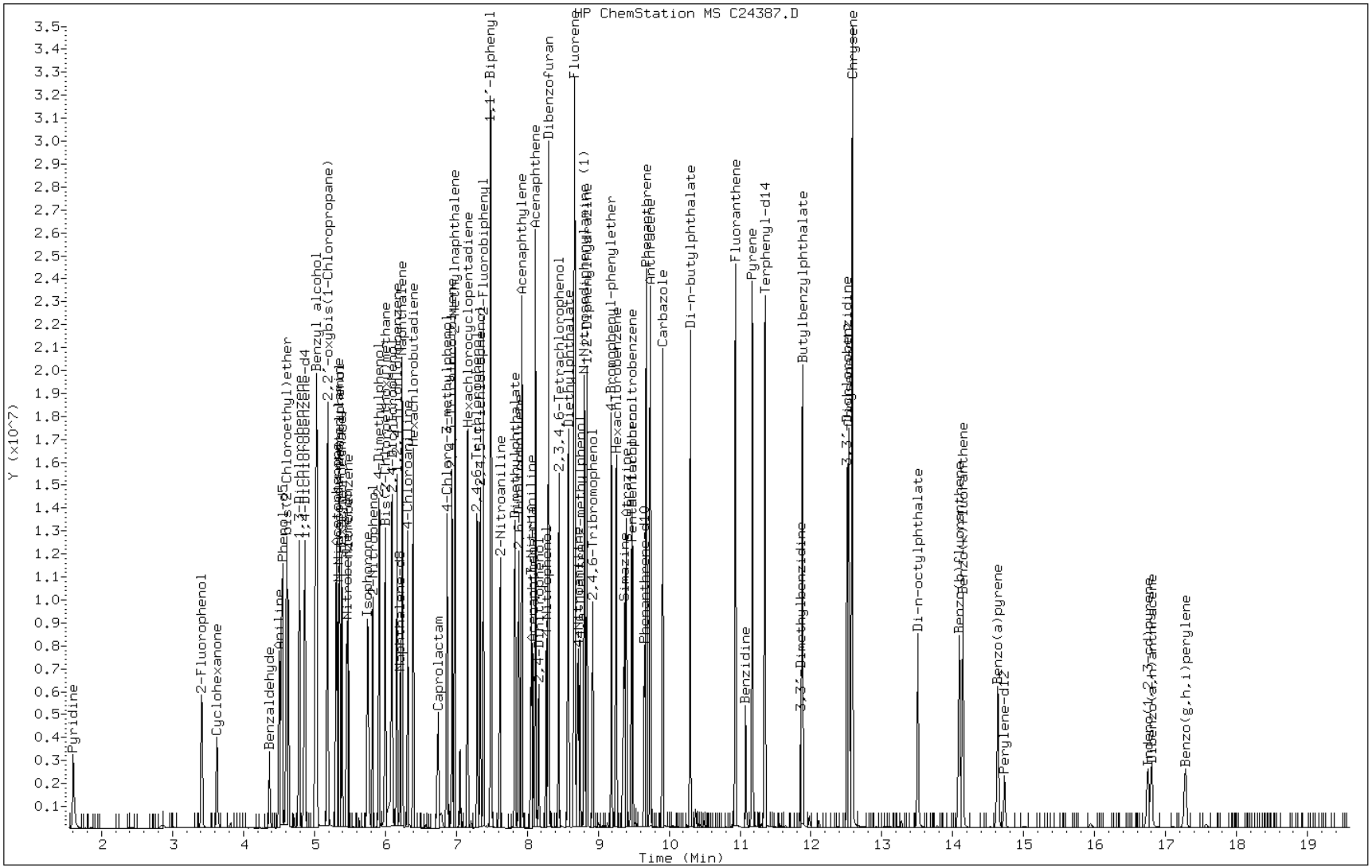
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: C24387.D

Date: 21-JUL-2011 13:18

Client ID: IC-635517 Instrument: msc.i

Sample Info: IC-635517 Operator: S.Jonas



Manual Integration Report

Data File: C24387.D
Inj. Date and Time: 21-JUL-2011 13:18
Instrument ID: msc.i
Client ID: IC-635517
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

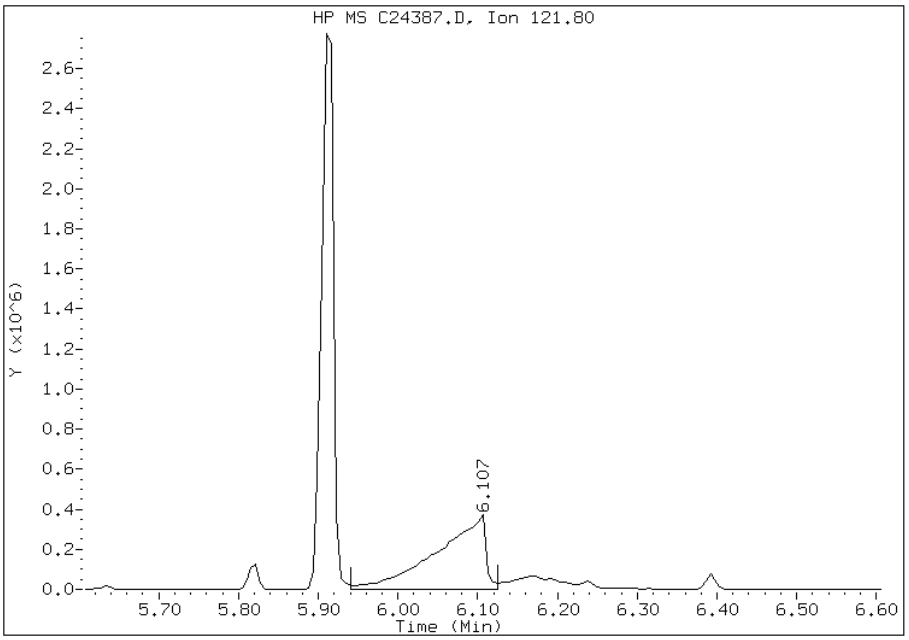
Processing Integration Results

RT: 6.11

Response: 1555511

Amount: 95

Conc: 95



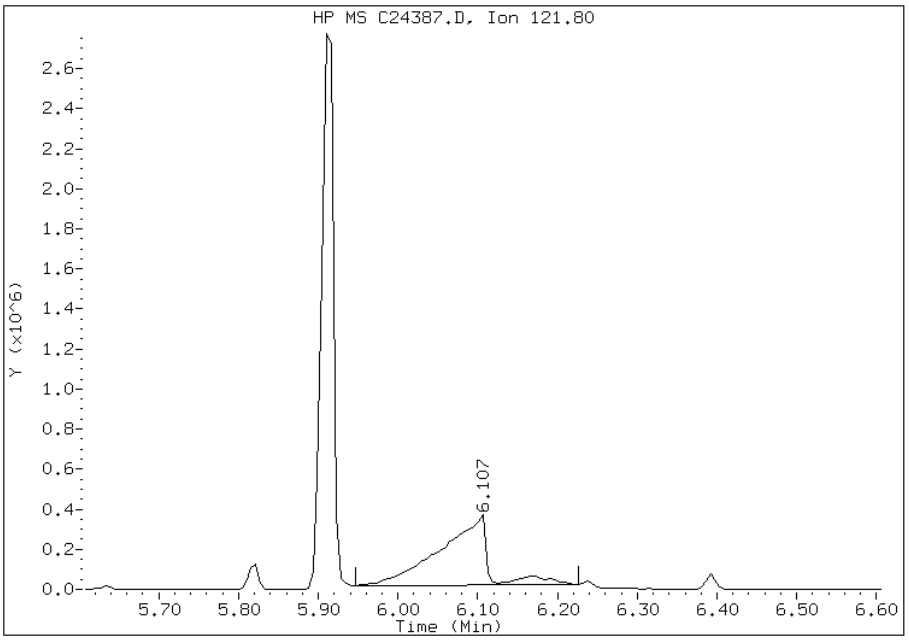
Manual Integration Results

RT: 6.11

Response: 1445126

Amount: 82

Conc: 82



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24387.D
Inj. Date and Time: 21-JUL-2011 13:18
Instrument ID: msc.i
Client ID: IC-635517
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

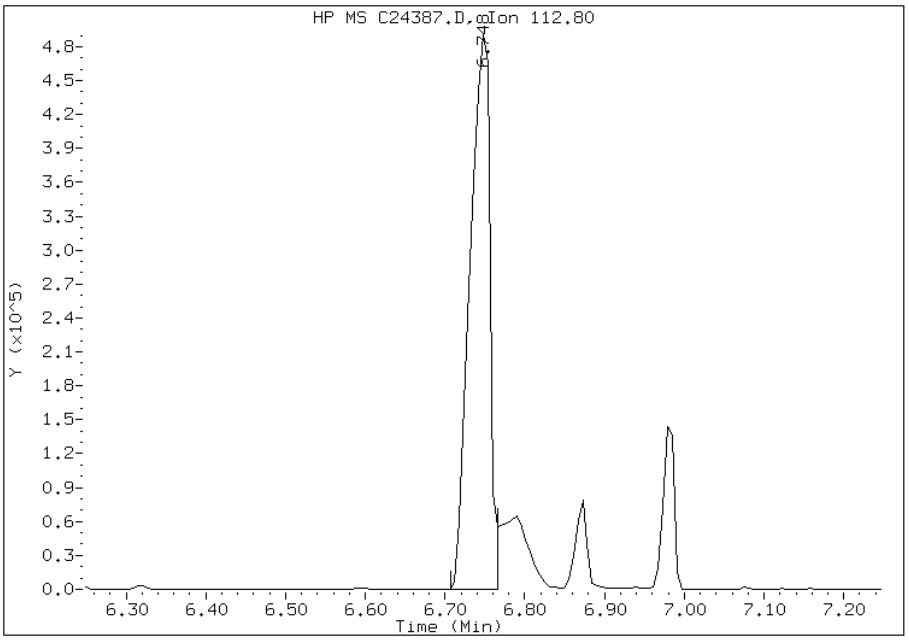
Processing Integration Results

RT: 6.75

Response: 853270

Amount: 62

Conc: 62



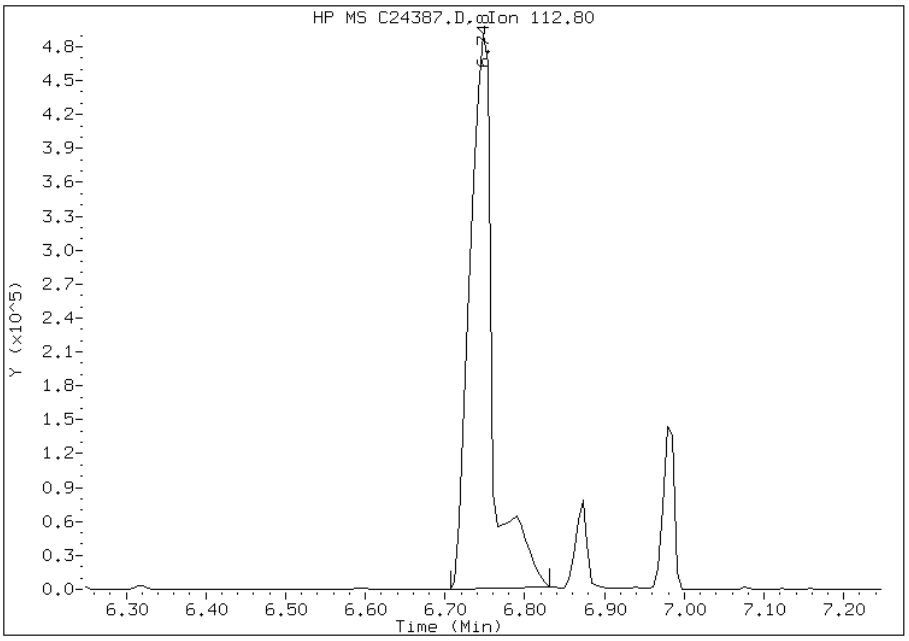
Manual Integration Results

RT: 6.75

Response: 994728

Amount: 70

Conc: 70



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24388.D
Lab Smp Id: IC-635518 Client Smp ID: IC-635518
Inj Date : 21-JUL-2011 13:49
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635518
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 13:49 Cal File: C24388.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.854	4.854	(1.000)	764653	20.0000	
$ 2	2-Fluorophenol	112	3.418	3.418	(0.704)	3393417	80.0000	81(A)
$ 3	Phenol-d5	99	4.546	4.546	(0.936)	4507606	80.0000	79
4	Pyridine	52	1.608	1.608	(0.331)	1251058	80.0000	81(A)
5	N-Nitrosodimethylamine	42	1.602	1.602	(0.330)	947690	80.0000	79
6	Cyclohexanone	42	3.626	3.626	(0.747)	1137237	80.0000	44
128	Benzaldehyde	77	4.368	4.368	(0.900)	871155	80.0000	43
7	Phenol	94	4.563	4.563	(0.940)	4945278	80.0000	79
8	Aniline	93	4.510	4.510	(0.929)	5005861	80.0000	76
9	bis(2-Chloroethyl)ether	63	4.605	4.605	(0.949)	3308051	80.0000	77
10	2-Chlorophenol	128	4.641	4.641	(0.956)	4169511	80.0000	78
11	1,3-Dichlorobenzene	146	4.789	4.789	(0.987)	4696900	80.0000	78
12	1,4-Dichlorobenzene	146	4.872	4.872	(1.004)	4801673	80.0000	77
13	Benzyl alcohol	108	5.050	5.050	(1.040)	2492171	80.0000	82(A)
14	1,2-Dichlorobenzene	146	5.032	5.032	(1.037)	4429781	80.0000	76
15	2,2'-oxybis(1-Chloropropane)	45	5.187	5.187	(1.068)	6645015	80.0000	73
16	2-Methylphenol	108	5.198	5.198	(1.071)	3594177	80.0000	78
92	Acetophenone	105	5.317	5.317	(1.095)	5280643	80.0000	80
17	Hexachloroethane	117	5.388	5.388	(1.110)	2028141	80.0000	80(A)
18	N-Nitroso-di-n-propylamine	70	5.347	5.347	(1.101)	3044350	80.0000	79

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.365	5.365	(1.105)	3879597	80.0000	78
*	20 Naphthalene-d8	136	6.219	6.219	(1.000)	3168521	20.0000	
$	21 Nitrobenzene-d5	82	5.466	5.466	(0.879)	4347197	80.0000	80
	22 Nitrobenzene	77	5.489	5.489	(0.883)	4372598	80.0000	79
	23 Isophorone	82	5.762	5.762	(0.927)	8264505	80.0000	81(A)
	24 2-Nitrophenol	139	5.822	5.822	(0.936)	2564364	80.0000	82(A)
	25 2,4-Dimethylphenol	122	5.923	5.923	(0.952)	3837088	80.0000	82(A)
	26 Benzoic Acid	122	6.130	6.130	(0.986)	2380762	80.0000	130(AM)
	27 Bis(2-Chloroethoxy)methane	93	6.006	6.006	(0.966)	5006793	80.0000	79
	28 2,4-Dichlorophenol	162	6.101	6.101	(0.981)	3711015	80.0000	80(A)
	29 1,2,4-Trichlorobenzene	180	6.166	6.166	(0.991)	4076394	80.0000	79
	30 Naphthalene	128	6.237	6.237	(1.003)	9737738	80.0000	63
	31 4-Chloroaniline	127	6.320	6.320	(1.016)	4945288	80.0000	76
	32 Hexachlorobutadiene	225	6.397	6.397	(1.029)	2417654	80.0000	79
	129 Caprolactam	113	6.771	6.771	(1.089)	1361515	80.0000	89(AM)
	33 4-Chloro-3-methylphenol	107	6.878	6.878	(1.106)	3827018	80.0000	82(A)
	34 2-Methylnaphthalene	142	6.985	6.985	(1.123)	8033452	80.0000	74
*	35 Acenaphthene-d10	164	8.083	8.083	(1.000)	1959049	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.949	6.949	(1.432)	3647726	80.0000	80
	37 Hexachlorocyclopentadiene	237	7.163	7.163	(0.886)	1924960	80.0000	74
	38 2,4,6-Trichlorophenol	196	7.300	7.300	(0.903)	2852984	80.0000	83(A)
	39 2,4,5-Trichlorophenol	196	7.347	7.347	(0.909)	2924819	80.0000	83(A)
$	40 2-Fluorobiphenyl	172	7.389	7.389	(0.914)	8489947	80.0000	74
	130 1,1'-Biphenyl	154	7.490	7.490	(0.927)	8084374	80.0000	64
	41 2-Chloronaphthalene	162	7.501	7.501	(0.928)	7672354	80.0000	74
	42 2-Nitroaniline	65	7.626	7.626	(0.943)	2692448	80.0000	82(A)
	43 Acenaphthylene	152	7.929	7.929	(0.981)	10318238	80.0000	62
	44 Dimethylphthalate	163	7.834	7.834	(0.969)	9395633	80.0000	79
	45 2,6-Dinitrotoluene	165	7.893	7.893	(0.977)	2402843	80.0000	84(A)
	46 Acenaphthene	153	8.125	8.125	(1.005)	8075098	80.0000	75
	47 3-Nitroaniline	138	8.065	8.065	(0.998)	2665358	80.0000	82(A)
	48 2,4-Dinitrophenol	184	8.172	8.172	(1.011)	1287148	80.0000	82(A)
	49 Dibenzofuran	168	8.303	8.303	(1.027)	10050077	80.0000	67
	50 2,4-Dinitrotoluene	165	8.315	8.315	(1.029)	3125836	80.0000	80(A)
	51 4-Nitrophenol	109	8.279	8.279	(1.024)	1177950	80.0000	90(A)
	52 Fluorene	166	8.671	8.671	(1.073)	8999915	80.0000	72
	53 4-Chlorophenyl-phenylether	204	8.677	8.677	(1.073)	4563777	80.0000	74
	54 Diethylphthalate	149	8.588	8.588	(1.062)	9610073	80.0000	77
	55 4-Nitroaniline	138	8.730	8.730	(1.080)	2641164	80.0000	83(A)
$	56 2,4,6-Tribromophenol	330	8.926	8.926	(1.104)	1454129	80.0000	86(A)
*	57 Phenanthrene-d10	188	9.656	9.656	(1.000)	3383097	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.754	8.754	(0.907)	1852217	80.0000	80(A)
	59 N-Nitrosodiphenylamine (1)	169	8.813	8.813	(0.913)	7170174	80.0000	78
	60 1,2-Diphenylhydrazine	77	8.849	8.849	(0.916)	9226874	80.0000	72
	61 4-Bromophenyl-phenylether	248	9.193	9.193	(0.952)	2936467	80.0000	81(A)
	131 Atrazine	200	9.407	9.407	(0.974)	2787820	80.0000	87(A)
	62 Hexachlorobenzene	284	9.258	9.258	(0.959)	3052299	80.0000	79
	63 Pentachlorophenol	266	9.472	9.472	(0.981)	1862005	80.0000	80(A)
	64 Phenanthrene	178	9.680	9.680	(1.002)	11730010	80.0000	67
	65 Carbazole	167	9.911	9.911	(1.026)	11232228	80.0000	68
	66 Anthracene	178	9.739	9.739	(1.009)	11094557	80.0000	64
	67 Di-n-butylphthalate	149	10.297	10.297	(1.066)	11581475	80.0000	60
	68 Fluoranthene	202	10.938	10.938	(1.133)	12015391	80.0000	64
*	70 Chrysene-d12	240	12.546	12.546	(1.000)	2879724	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.080	11.080	(0.883)	2077105	80.0000	61
72	Pyrene	202	11.175	11.175	(0.891)	12513422	80.0000	70
$ 73	Terphenyl-d14	244	11.353	11.353	(0.905)	9655228	80.0000	78
74	Butylbenzylphthalate	149	11.882	11.882	(0.947)	6627518	80.0000	86(A)
124	3,3'-Dimethylbenzidine	212	11.858	11.858	(0.945)	2016130	80.0000	66
75	3,3'-Dichlorobenzidine	252	12.511	12.511	(0.997)	3496344	80.0000	79
76	Benzo(a)anthracene	228	12.535	12.535	(0.999)	12374571	80.0000	78
77	Chrysene	228	12.588	12.588	(1.003)	11077039	80.0000	75
78	Bis(2-Ethylhexyl)phthalate	149	12.588	12.588	(1.003)	7172771	80.0000	87(A)
* 79	Perylene-d12	264	14.731	14.731	(1.000)	1143412	20.0000	
80	Di-n-octylphthalate	149	13.508	13.508	(0.917)	7919198	80.0000	80
81	Benzo(b)fluoranthene	252	14.095	14.095	(0.957)	7066322	80.0000	92(A)
82	Benzo(k)fluoranthene	252	14.149	14.149	(0.961)	6863532	80.0000	87(A)
83	Benzo(a)pyrene	252	14.642	14.642	(0.994)	4732090	80.0000	85(A)
84	Indeno(1,2,3-cd)pyrene	276	16.755	16.755	(1.137)	3105432	80.0000	80
85	Dibenzo(a,h)anthracene	278	16.808	16.808	(1.141)	3080763	80.0000	80
86	Benzo(g,h,i)perylene	276	17.295	17.295	(1.174)	3337379	80.0000	80
167	Simazine	201	9.383	9.383	(0.972)	1839591	80.0000	86(A)
103	1,2,4,5-Tetrachlorobenzene	216	7.163	7.163	(0.886)	2030120	80.0000	85(A)
109	2,3,4,6-Tetrachlorophenol	232	8.451	8.451	(1.046)	2407385	80.0000	80
119	Pentachloronitrobenzene	237	9.490	9.490	(0.983)	1259680	80.0000	86(A)

QC Flag Legend

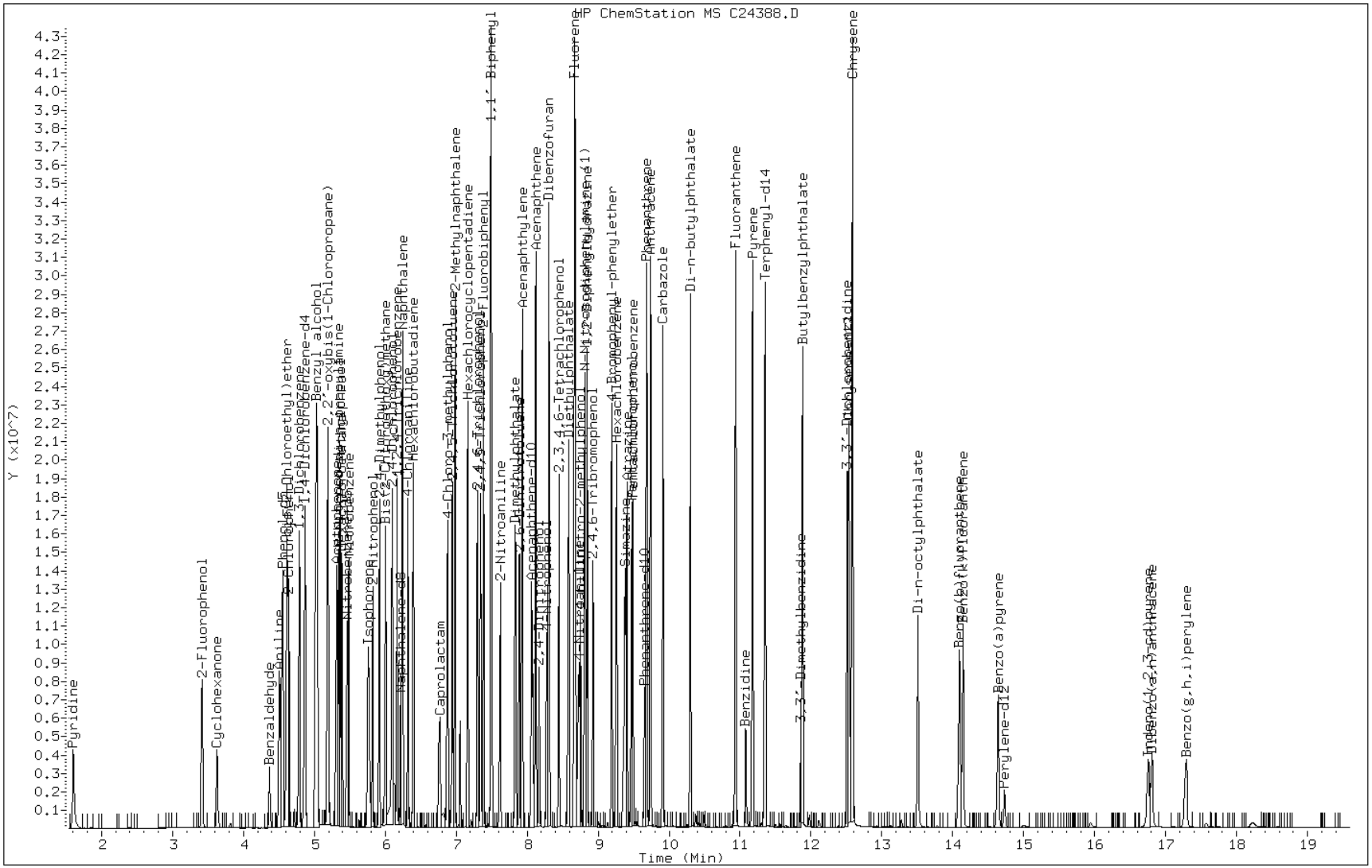
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: C24388.D

Date: 21-JUL-2011 13:49

Client ID: IC-635518 Instrument: msc.i

Sample Info: IC-635518 Operator: S.Jonas



Manual Integration Report

Data File: C24388.D
Inj. Date and Time: 21-JUL-2011 13:49
Instrument ID: msc.i
Client ID: IC-635518
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

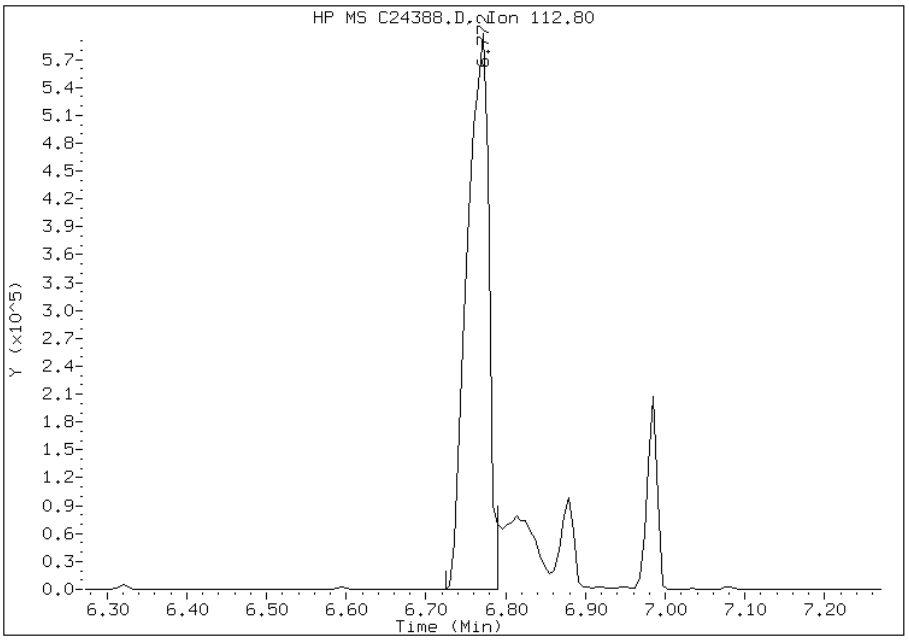
Processing Integration Results

RT: 6.77

Response: 1133539

Amount: 77

Conc: 77



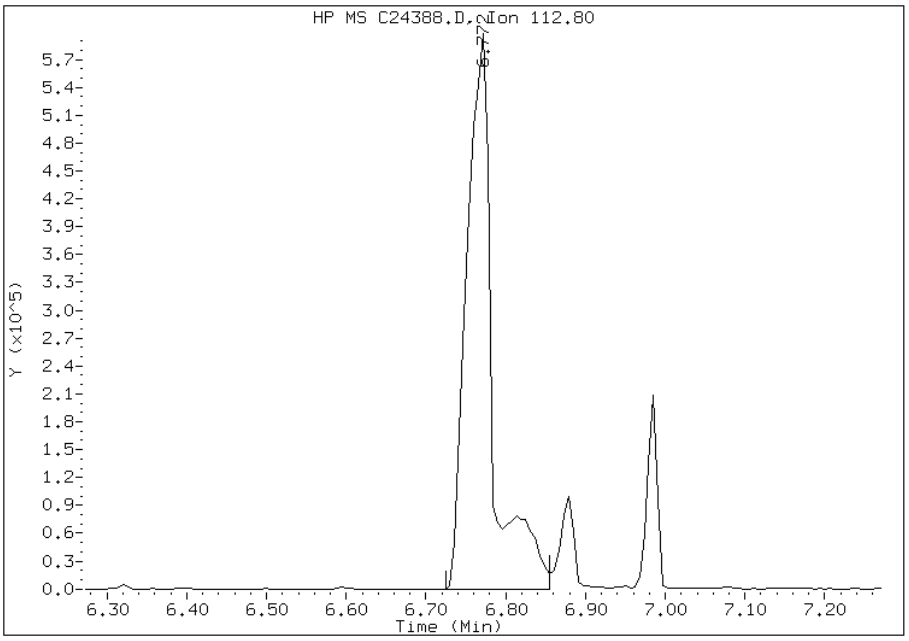
Manual Integration Results

RT: 6.77

Response: 1361515

Amount: 89

Conc: 89



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24388.D
Inj. Date and Time: 21-JUL-2011 13:49
Instrument ID: msc.i
Client ID: IC-635518
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

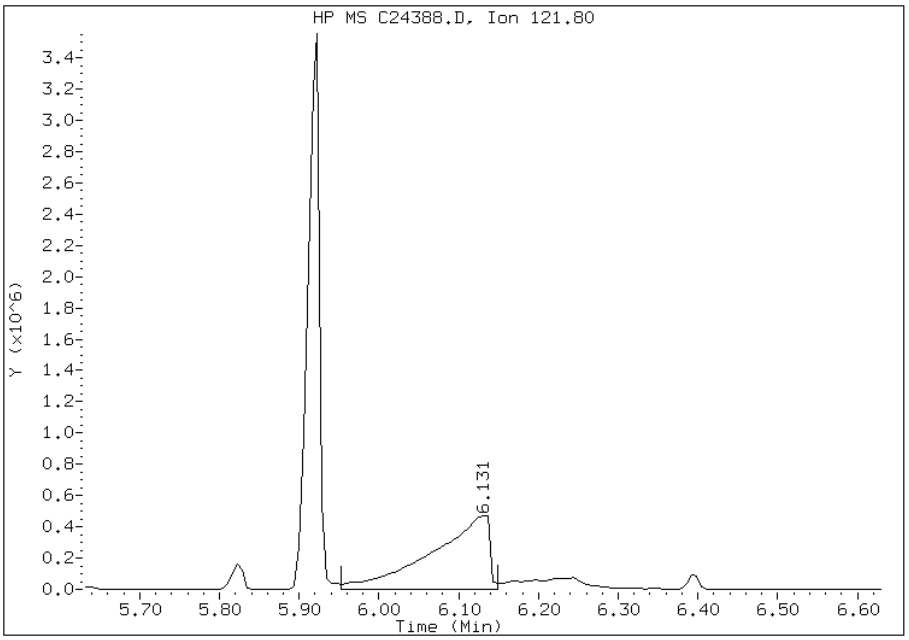
Processing Integration Results

RT: 6.13

Response: 2348556

Amount: 124

Conc: 124



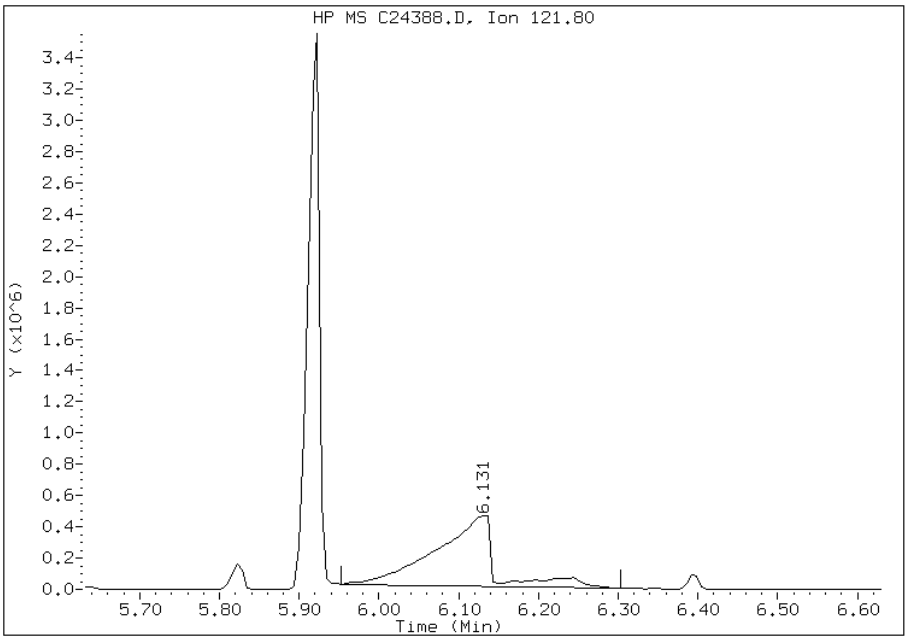
Manual Integration Results

RT: 6.13

Response: 2380762

Amount: 129

Conc: 129



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53343/2	Z21844.D
Level 2	IC 220-53343/3	Z21845.D
Level 3	IC 220-53343/4	Z21846.D
Level 4	IC 220-53343/5	Z21847.D
Level 5	ICIS 220-53343/1	Z21843.D
Level 6	IC 220-53343/6	Z21848.D
Level 7	IC 220-53343/7	Z21849.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.1765 0.1816	0.1703 0.1822	0.1766	0.1800	0.1867	Ave		0.1791				2.9		15.0			
Pyridine	0.2294 0.2355	0.2200 0.2365	0.2133	0.2167	0.2405	Ave		0.2274				4.7		15.0			
Cyclohexanone	0.5294 0.2519	0.4914 0.1993	0.4569	0.3842	0.4527	Ave		0.3951				31.6	*	15.0			
Benzaldehyde	0.3254 0.3259	0.8141 0.2642	0.7443	0.5971	0.3451	Ave		0.4880				46.4	*	15.0			
Aniline	1.5695 1.4551	1.6264 1.4349	1.5894	1.4835	1.6645	Ave		1.5462				5.8		15.0			
Phenol	1.4574 1.3594	1.4595 1.3182	1.4700	1.4509	1.4665	Ave		1.4260				4.3		30.0			
Bis(2-chloroethyl)ether	0.8926 0.8120	0.8714 0.8032	0.8641	0.8325	0.8672	Ave		0.8490				3.9		15.0			
2-Chlorophenol	1.2293 1.1882	1.2022 1.1550	1.2424	1.2043	1.2319	Ave		1.2076				2.5		15.0			
1,3-Dichlorobenzene	1.3400 1.3371	1.3451 1.3175	1.3525	1.3654	1.3805	Ave		1.3483				1.5		15.0			
1,4-Dichlorobenzene	1.3912 1.3587	1.3549 1.3349	1.3858	1.3876	1.3989	Ave		1.3731				1.7		30.0			
1,2-Dichlorobenzene	1.3133 1.2182	1.2957 1.1722	1.3257	1.2977	1.2800	Ave		1.2718				4.4		15.0			
Benzyl alcohol	0.7077 0.7035	0.7176 0.6660	0.7599	0.7362	0.7575	Ave		0.7212				4.6		15.0			
2-Methylphenol	1.1168 1.0224	1.0844 0.9737	1.0986	1.0802	1.0792	Ave		1.0650				4.7		15.0			
2,2'-oxybis[1-chloropropane]	1.6365 1.3222	1.5807 1.2514	1.5588	1.4882	1.4795	Ave		1.4739				9.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.6232 1.6200	1.5733 1.6064	1.6163	1.6144	1.6429	Ave		1.6138				1.3		15.0			
N-Nitrosodi-n-propylamine	0.8701 0.8825	0.8615 0.8402	0.8838	0.8874	0.9116	Ave		0.8767			0.0500	2.6		15.0			
4-Methylphenol	1.1748 1.1426	1.1687 1.0779	1.1990	1.1879	1.2019	Ave		1.1647				3.7		15.0			
Hexachloroethane	0.5698 0.5728	0.5338 0.5565	0.5679	0.5691	0.5904	Ave		0.5658				3.1		15.0			
Nitrobenzene	0.3028 0.2889	0.2899 0.2802	0.2974	0.2933	0.3039	Ave		0.2938				2.9		15.0			
Isophorone	0.5176 0.5424	0.5042 0.5376	0.5236	0.5277	0.5514	Ave		0.5292				3.0		15.0			
2-Nitrophenol	0.1530 0.1635	0.1502 0.1607	0.1569	0.1589	0.1659	Ave		0.1584				3.5		30.0			
2,4-Dimethylphenol	0.2149 0.2403	0.2139 0.2301	0.2258	0.2327	0.2492	Ave		0.2295				5.6		15.0			
Bis(2-chloroethoxy)methane	0.3349 0.3329	0.3259 0.3208	0.3359	0.3346	0.3454	Ave		0.3329				2.3		15.0			
Benzoic acid	0.1000 0.1615	0.0622 0.1599	0.1060	0.1221	0.1519	Ave		0.1234				30.0	*	15.0			
2,4-Dichlorophenol	0.2158 0.2249	0.2128 0.2175	0.2221	0.2253	0.2304	Ave		0.2213				2.8		30.0			
1,2,4-Trichlorobenzene	0.2477 0.2499	0.2442 0.2449	0.2508	0.2482	0.2550	Ave		0.2487				1.5		15.0			
Naphthalene	0.8560 0.7970	0.8114 0.7563	0.8360	0.8218	0.8326	Ave		0.8159				4.0		15.0			
4-Chloroaniline	0.3032 0.3155	0.3158 0.2961	0.3276	0.3250	0.3393	Ave		0.3175				4.6		15.0			
Hexachlorobutadiene	0.1347 0.1366	0.1306 0.1352	0.1347	0.1342	0.1392	Ave		0.1350				1.9		30.0			
Caprolactam	0.0599 0.0800	0.0632 0.0794	0.0689	0.0729	0.0770	Ave		0.0716				11.1		15.0			
4-Chloro-3-methylphenol	0.2227 0.2510	0.2221 0.2416	0.2417	0.2460	0.2536	Ave		0.2398				5.3		30.0			
2,4,5-Trichlorotoluene	0.9874 1.0411	0.9591 1.0392	1.0104	1.0001	1.0171	Ave		1.0078				2.9		15.0			
2-Methylnaphthalene	0.5458 0.5415	0.5282 0.5125	0.5499	0.5524	0.5616	Ave		0.5417				3.0		15.0			
Hexachlorocyclopentadiene	0.1276 0.2183	0.1553 0.2022	0.1927	0.2066	0.2485	Qua	0.1432	2.9094	2.2296					15.0	0.9957		0.9900

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

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetrachlorobenzene	0.1828 0.1913	0.1424 0.1852	0.1821	0.1494	0.1988	Ave		0.1760				12.2		15.0			
2,4,6-Trichlorophenol	0.2431 0.2803	0.2392 0.2731	0.2607	0.2629	0.2876	Ave		0.2638				6.9		30.0			
2,4,5-Trichlorophenol	0.2486 0.2952	0.2550 0.2859	0.2723	0.2717	0.3004	Ave		0.2756				7.1		15.0			
1,1'-Biphenyl	1.0752 1.0054	1.0519 0.8997	1.0763	1.0715	1.1199	Ave		1.0428				6.9		15.0			
2-Chloronaphthalene	0.8699 0.8260	0.8455 0.7657	0.8634	0.8632	0.8988	Ave		0.8475				5.0		15.0			
2-Nitroaniline	0.2425 0.2694	0.2457 0.2607	0.2575	0.2613	0.2831	Ave		0.2600				5.3		15.0			
Dimethyl phthalate	0.9117 0.9971	0.8987 0.9676	0.9353	0.9498	1.0110	Ave		0.9530				4.4		15.0			
2,6-Dinitrotoluene	0.2015 0.2433	0.2028 0.2393	0.2224	0.2276	0.2461	Ave		0.2261				8.1		15.0			
Acenaphthylene	1.3725 1.4396	1.3532 1.3765	1.3989	1.4067	1.5061	Ave		1.4076				3.7		15.0			
3-Nitroaniline	0.2207 0.2653	0.2315 0.2560	0.2463	0.2524	0.2727	Ave		0.2493				7.3		15.0			
Acenaphthene	0.8515 0.8912	0.8419 0.8438	0.8639	0.8692	0.9239	Ave		0.8693				3.4		30.0			
2,4-Dinitrophenol	0.0336 0.1449	0.0562 0.1477	0.0972	0.1086	0.1284	Lin	0.3649	0.1612			0.0500			15.0	0.9936		0.9900
4-Nitrophenol	0.0950 0.1347	0.1008 0.1316	0.1171	0.1196	0.1338	Ave		0.1189			0.0500	13.4		15.0			
Dibenzofuran	1.2011 1.2072	1.1687 1.1526	1.2051	1.1995	1.2678	Ave		1.2003				3.0		15.0			
2,4-Dinitrotoluene	0.2759 0.3123	0.2845 0.3023	0.3020	0.3055	0.3254	Ave		0.3011				5.5		15.0			
2,3,4,6-Tetrachlorophenol	0.1640 0.2200	0.1393 0.2164	0.1959	0.1607	0.2203	Lin	0.1099	0.2242						15.0	0.9941		0.9900
Diethyl phthalate	0.9240 1.0157	0.9162 0.9844	0.9695	0.9725	1.0368	Ave		0.9742				4.5		15.0			
Fluorene	0.9475 0.9839	0.9414 0.9015	0.9703	0.9873	1.0450	Ave		0.9681				4.6		15.0			
4-Chlorophenyl phenyl ether	0.4514 0.4746	0.4442 0.4397	0.4595	0.4687	0.4951	Ave		0.4619				4.2		15.0			
4-Nitroaniline	0.2162 0.2567	0.2172 0.2451	0.2356	0.2458	0.2609	Ave		0.2397				7.4		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	0.0528 0.1182	0.0685 0.1201	0.0940	0.0999	0.1136	Lin	0.2415	0.1274						15.0	0.9977		0.9900
N-Nitrosodiphenylamine	0.4106 0.4602	0.4065 0.4527	0.4317	0.4391	0.4772	Ave		0.4397				5.9		30.0			
1,2-Diphenylhydrazine	0.6767 0.6806	0.6678 0.6563	0.6908	0.6878	0.7480	Ave		0.6869				4.3		15.0			
4-Bromophenyl phenyl ether	0.1452 0.1709	0.1454 0.1721	0.1538	0.1585	0.1757	Ave		0.1602				8.0		15.0			
Hexachlorobenzene	0.1617 0.1821	0.1613 0.1817	0.1652	0.1690	0.1861	Ave		0.1724				6.1		15.0			
Simazine	0.0824 0.0948	0.0805 0.0986	0.0813	0.0796	0.0961	Ave		0.0876				9.6		15.0			
Atrazine	0.1256 0.1538	0.1251 0.1564	0.1248	0.1222	0.1492	Ave		0.1367				11.4		15.0			
Pentachlorophenol	0.0440 0.1101	0.0597 0.1129	0.0829	0.0883	0.1053	Lin	0.2818	0.1206						30.0	0.9959		0.9900
Pentachloronitrobenzene	0.0597 0.0712	0.0649 0.0706	0.0682	0.0541	0.0717	Ave		0.0657				10.2		15.0			
Phenanthrene	0.8258 0.8817	0.8096 0.8553	0.8362	0.8475	0.9172	Ave		0.8533				4.2		15.0			
Anthracene	0.8105 0.8981	0.8168 0.8733	0.8463	0.8688	0.9454	Ave		0.8656				5.4		15.0			
Carbazole	0.7389 0.8104	0.7317 0.7849	0.7644	0.7814	0.8446	Ave		0.7795				5.1		15.0			
Di-n-butyl phthalate	0.8876 1.0432	0.9019 1.0070	0.9723	1.0068	1.0786	Ave		0.9853				7.1		15.0			
Fluoranthene	0.7833 0.9088	0.7948 0.8905	0.8311	0.8587	0.9239	Ave		0.8559				6.4		30.0			
Benzidine	0.1226 0.1315	0.2082 0.1083	0.1874	0.1664	0.2005	Ave		0.1607				24.9	*	15.0			
Pyrene	0.9923 1.0832	0.9934 1.0775	1.0354	1.0432	1.1342	Ave		1.0513				4.9		15.0			
3,3'-Dimethylbenzidine	0.0897 0.1325	0.1489 +++++	0.1463	0.1520	0.1839	Ave		0.1422				21.7	*	15.0			
Butyl benzyl phthalate	0.3770 0.4663	0.3851 0.4684	0.4199	0.4359	0.4755	Ave		0.4326				9.3		15.0			
3,3'-Dichlorobenzidine	0.2041 0.2468	0.2152 0.2340	0.2336	0.2371	0.2572	Ave		0.2326				7.7		15.0			
Benzo[a]anthracene	0.8071 0.8834	0.7975 0.8753	0.8292	0.8340	0.9040	Ave		0.8472				4.8		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	0.7755 0.8491	0.7674 0.8220	0.7989	0.8128	0.8684	Ave		0.8134				4.5		15.0			
Bis(2-ethylhexyl) phthalate	0.4181 0.5310	0.4177 0.5202	0.4558	0.4811	0.5349	Ave		0.4798				10.6		15.0			
Di-n-octyl phthalate	0.5700 1.0726	0.5945 1.2329	0.6867	0.7728	0.9565	Qua	0.0845	1.1477	-0.072					30.0	0.9993		0.9900
Benzo[b]fluoranthene	0.8168 1.0468	0.8228 1.0793	0.8763	0.9008	1.0176	Ave		0.9372				11.6		15.0			
Benzo[k]fluoranthene	0.8630 1.0941	0.8499 1.1103	0.9161	0.9350	1.0559	Ave		0.9749				11.3		15.0			
Benzo[a]pyrene	0.6475 0.7901	0.6391 0.7933	0.6799	0.7091	0.7979	Ave		0.7224				9.8		30.0			
Indeno[1,2,3-cd]pyrene	0.3922 0.4129	0.3806 0.4489	0.4143	0.4158	0.4421	Ave		0.4152				5.9		15.0			
Dibenz(a,h)anthracene	0.3651 0.4335	0.3331 0.4608	0.3761	0.4015	0.4337	Ave		0.4006				11.3		15.0			
Benzo[g,h,i]perylene	0.3885 0.4069	0.3889 0.4498	0.4082	0.4128	0.4300	Ave		0.4122				5.3		15.0			
2-Fluorophenol	0.9132 0.9396	0.8903 0.9294	0.9303	0.9294	0.9677	Ave		0.9285				2.5		15.0			
Phenol-d5	1.3500 1.3156	1.3149 1.2853	1.3523	1.3290	1.3676	Ave		1.3307				2.1		15.0			
Nitrobenzene-d5	0.2906 0.2872	0.2781 0.2829	0.2852	0.2828	0.2989	Ave		0.2865				2.3		15.0			
2-Fluorobiphenyl	0.9116 0.9533	0.9027 0.9165	0.9280	0.9231	0.9966	Ave		0.9331				3.5		15.0			
2,4,6-Tribromophenol	0.1089 0.1447	0.1161 0.1427	0.1279	0.1307	0.1403	Ave		0.1302				10.5		15.0			
Terphenyl-d14	0.6463 0.7171	0.6498 0.7157	0.6742	0.6888	0.7430	Ave		0.6907				5.3		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53343/2	Z21844.D
Level 2	IC 220-53343/3	Z21845.D
Level 3	IC 220-53343/4	Z21846.D
Level 4	IC 220-53343/5	Z21847.D
Level 5	ICIS 220-53343/1	Z21843.D
Level 6	IC 220-53343/6	Z21848.D
Level 7	IC 220-53343/7	Z21849.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	4964 138405	9591 186675	24870	48942	100213	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	6452 179533	12392 242384	30041	58922	129093	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	14886 192061	27679 204274	64346	104455	243008	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	9151 248465	45854 270799	104822	162355	185246	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	44135 1109229	91604 1470491	223828	403349	893482	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	40982 1036303	82204 1350905	207024	394491	787211	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	25099 618981	49083 823168	121689	226367	465491	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	34568 905778	67716 1183681	174968	327438	661281	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	37680 1019289	75765 1350267	190464	371248	741022	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	39121 1035774	76312 1368059	195156	377274	750924	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	36931 928686	72979 1201276	186692	352833	687111	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	19901 536251	40416 682491	107016	200173	406633	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	31404 779412	61079 997844	154715	293693	579324	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	46019 1007934	89034 1282444	219523	404625	794154	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	45644 1234914	88613 1646322	227615	438958	881906	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	24468 672751	48523 861015	124461	241283	489312	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Methylphenol	DCB	Ave	33035 871010	65828 1104674	168850	322974	645160	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	16022 436665	30064 570365	79980	154746	316918	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	38164 1008501	74099 1326639	189851	361770	733171	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	65223 1893337	128875 2545719	334216	650798	1330376	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	19277 570742	38402 760825	100168	195924	400237	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	27082 838711	54663 1089467	144108	286999	601200	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	42210 1161837	83304 1519217	214381	412730	833163	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Ave	12596 563596	39757 757406	169174	225865	366446	2.00 60.0	10.0 80.0	25.0	30.0	40.0
2,4-Dichlorophenol	NPT	Ave	27200 785175	54401 1030005	141756	277890	555785	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	31210 872286	62418 1159624	160076	306068	615299	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	107870 2781741	207405 3581424	533624	1013525	2008669	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	38211 1101136	80715 1402085	209087	400860	818660	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	16978 476669	33381 640442	85955	165487	335808	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	7543 279236	16155 375907	44004	89962	185884	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	28060 876033	56760 1144151	154268	303397	611899	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	27765 793636	54019 1065044	142296	271919	545966	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	68781 1890206	134997 2426966	351017	681354	1354773	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorocyclopentadiene	ANT	Qua	9507 455673	23491 571706	73859	154522	347056	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	13624 399350	26922 523587	69779	139648	277664	2.00 60.0	5.00 80.0	10.0	25.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	18116 585138	36180 772050	99914	196635	401634	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	46322 616352	96412 808347	260937	304826	419628	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	80133 2098904	159101 2543428	412482	801364	1564174	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	64837 1724387	127884 2164559	330886	645565	1255303	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	18075 562313	37166 737041	98692	195412	395386	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	67952 2081480	135938 2735334	358451	710340	1412052	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	15018 507960	30678 676377	85222	170209	343750	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	102290 3005281	204671 3891397	536121	1052015	2103633	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	16446 553792	35018 723631	94395	188754	380906	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	63463 1860534	127336 2385447	331078	650028	1290352	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Lin	6263 302577	21234 417566	93104	121859	179390	5.00 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	17708 281197	38100 372166	112213	134130	186823	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	89514 2520083	176777 3258496	461849	897090	1770784	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	20564 651995	43033 854707	115723	228467	454465	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Lin	12224 459278	26340 611670	75093	150270	307760	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Diethyl phthalate	ANT	Ave	68868 2120323	138577 2782905	371565	727311	1448149	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	70619 2053929	142388 2548583	371862	738385	1459615	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	33646 990821	67180 1243004	176086	350503	691568	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	16116 535965	32856 693019	90306	183850	364439	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Lin	15677 398142	41359 538492	143858	179104	249663	5.00 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	48738 1550305	98148 2029200	264255	524736	1048947	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	80329 2292622	161245 2941636	422846	821790	1644317	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	17236 575806	35111 771306	94136	189352	386264	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	19194 613385	38941 814294	101089	201978	409143	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	9781 319439	19432 441759	49779	95159	211302	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Atrazine	PHN	Ave	14908 518178	30195 700896	76407	146016	328014	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Lin	13052 370949	36046 505896	126806	158350	231429	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	7082 239667	15664 316236	41741	80763	157548	2.00 60.0	4.00 80.0	10.0	25.0	40.0
Phenanthrene	PHN	Ave	98032 2969986	195474 3833657	511804	1012671	2016269	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	96209 3025268	197220 3914401	517982	1038129	2078226	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	87708 2729815	176680 3518218	467840	933719	1856664	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	105359 3513958	217765 4513926	595093	1202964	2371008	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	92989 3061110	191916 3991601	508705	1026069	2030933	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Ave	11688 376276	40405 406794	94255	166094	363834	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	94565 3098816	192784 4048310	520752	1041158	2058117	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Ave	8544 379187	28896 +++++	73585	151712	333627	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	35925 1334103	74747 1759819	211188	435034	862774	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	19452 706070	41774 879226	117516	236603	466650	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	76918 2527276	154767 3288745	417056	832328	1640494	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	73909 2429097	148932 3088325	401818	811180	1575855	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	39848 1518998	81067 1954324	229257	480131	970553	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Qua	37436 1826876	78893 2451940	238925	530454	1120972	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Ave	53640 1782908	109190 2146529	304887	618314	1192484	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	56679 1863510	112794 2208082	318730	641767	1237363	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	42522 1345719	84819 1577654	236564	486702	935034	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	25756 703161	50511 892670	144149	285404	518097	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Ave	23980 738337	44207 916479	130866	275603	508304	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Ave	25513 693022	51617 894608	142014	283322	503867	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	25679 716275	50144 952492	131009	252700	519436	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	37963 1002924	74059 1317214	190438	361358	734112	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	36618 1002330	71075 1339745	182026	348825	721124	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	67945 1990210	136534 2590969	355656	690346	1391977	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	20295 302048	43884 403546	122551	146663	195964	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Terphenyl-d14	CRY	Ave	61591 2051558	126109 2688917	339107	687470	1348221	2.00 60.0	4.00 80.0	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21843.D
Lab Smp Id: ICIS-641574 Client Smp ID: ICIS-641574
Inj Date : 27-JUL-2011 07:33
Operator : S.Jonas Inst ID: msz.i
Smp Info : ICIS-641574
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.790	4.790	(1.000)	268393	20.0000	
$ 2	2-Fluorophenol	112	3.342	3.342	(0.698)	519436	40.0000	42
$ 3	Phenol-d5	99	4.473	4.473	(0.934)	734112	40.0000	41
4	Pyridine	52	1.555	1.555	(0.325)	129093	40.0000	42
5	N-Nitrosodimethylamine	42	1.545	1.545	(0.323)	100213	40.0000	42
6	Cyclohexanone	42	3.559	3.559	(0.743)	243008	40.0000	46
128	Benzaldehyde	77	4.305	4.305	(0.899)	185246	40.0000	28
7	Phenol	94	4.486	4.486	(0.936)	787211	40.0000	41
8	Aniline	93	4.445	4.445	(0.928)	893482	40.0000	43
9	bis(2-Chloroethyl)ether	63	4.545	4.545	(0.949)	465491	40.0000	41
10	2-Chlorophenol	128	4.570	4.570	(0.954)	661281	40.0000	41
11	1,3-Dichlorobenzene	146	4.725	4.725	(0.986)	741022	40.0000	41
12	1,4-Dichlorobenzene	146	4.809	4.809	(1.004)	750924	40.0000	41
13	Benzyl alcohol	108	4.977	4.977	(1.039)	406633	40.0000	42
14	1,2-Dichlorobenzene	146	4.970	4.970	(1.038)	687111	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.070)	794154	40.0000	40
16	2-Methylphenol	108	5.126	5.126	(1.070)	579324	40.0000	40
92	Acetophenone	105	5.247	5.247	(1.095)	881906	40.0000	41
17	Hexachloroethane	117	5.328	5.328	(1.112)	316918	40.0000	42
18	N-Nitroso-di-n-propylamine	70	5.272	5.272	(1.101)	489312	40.0000	42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.294	5.294	(1.105)	645160	40.0000	41
*	20 Naphthalene-d8	136	6.152	6.152	(1.000)	1206258	20.0000	
$	21 Nitrobenzene-d5	82	5.396	5.396	(0.877)	721124	40.0000	42
	22 Nitrobenzene	77	5.418	5.418	(0.881)	733171	40.0000	41
	23 Isophorone	82	5.685	5.685	(0.924)	1330376	40.0000	42
	24 2-Nitrophenol	139	5.757	5.757	(0.936)	400237	40.0000	42
	25 2,4-Dimethylphenol	122	5.850	5.850	(0.951)	601200	40.0000	43
	26 Benzoic Acid	122	6.018	6.018	(0.978)	366446	40.0000	49(M)
	27 Bis(2-Chloroethoxy)methane	93	5.937	5.937	(0.965)	833163	40.0000	41
	28 2,4-Dichlorophenol	162	6.027	6.027	(0.980)	555785	40.0000	42
	29 1,2,4-Trichlorobenzene	180	6.102	6.102	(0.992)	615299	40.0000	41
	30 Naphthalene	128	6.176	6.176	(1.004)	2008669	40.0000	41
	31 4-Chloroaniline	127	6.254	6.254	(1.017)	818660	40.0000	43
	32 Hexachlorobutadiene	225	6.332	6.332	(1.029)	335808	40.0000	41
	129 Caprolactam	113	6.668	6.668	(1.084)	185884	40.0000	43(M)
	33 4-Chloro-3-methylphenol	107	6.804	6.804	(1.106)	611899	40.0000	42
	34 2-Methylnaphthalene	142	6.916	6.916	(1.124)	1354773	40.0000	41
*	35 Acenaphthene-d10	164	8.013	8.013	(1.000)	698354	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.879	6.879	(1.436)	545966	40.0000	40
	37 Hexachlorocyclopentadiene	237	7.096	7.096	(0.886)	347056	40.0000	43
	38 2,4,6-Trichlorophenol	196	7.230	7.230	(0.902)	401634	40.0000	44
	39 2,4,5-Trichlorophenol	196	7.270	7.270	(0.907)	419628	40.0000	44
$	40 2-Fluorobiphenyl	172	7.317	7.317	(0.913)	1391977	40.0000	43
	130 1,1'-Biphenyl	154	7.417	7.417	(0.926)	1564174	40.0000	43
	41 2-Chloronaphthalene	162	7.429	7.429	(0.927)	1255303	40.0000	42
	42 2-Nitroaniline	65	7.550	7.550	(0.942)	395386	40.0000	44
	43 Acenaphthylene	152	7.861	7.861	(0.981)	2103633	40.0000	43
	44 Dimethylphthalate	163	7.762	7.762	(0.969)	1412052	40.0000	42
	45 2,6-Dinitrotoluene	165	7.814	7.814	(0.975)	343750	40.0000	44
	46 Acenaphthene	153	8.051	8.051	(1.005)	1290352	40.0000	42
	47 3-Nitroaniline	138	7.988	7.988	(0.997)	380906	40.0000	44
	48 2,4-Dinitrophenol	184	8.094	8.094	(1.010)	179390	40.0000	39
	49 Dibenzofuran	168	8.234	8.234	(1.028)	1770784	40.0000	42
	50 2,4-Dinitrotoluene	165	8.237	8.237	(1.028)	454465	40.0000	43
	51 4-Nitrophenol	109	8.197	8.197	(1.023)	186823	40.0000	45
	52 Fluorene	166	8.595	8.595	(1.073)	1459615	40.0000	43
	53 4-Chlorophenyl-phenylether	204	8.604	8.604	(1.074)	691568	40.0000	43
	54 Diethylphthalate	149	8.511	8.511	(1.062)	1448149	40.0000	42
	55 4-Nitroaniline	138	8.641	8.641	(1.078)	364439	40.0000	44
$	56 2,4,6-Tribromophenol	330	8.849	8.849	(1.104)	195964	40.0000	43
*	57 Phenanthrene-d10	188	9.580	9.580	(1.000)	1099159	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.669	8.669	(0.905)	249663	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	8.738	8.738	(0.912)	1048947	40.0000	43
	60 1,2-Diphenylhydrazine	77	8.775	8.775	(0.916)	1644317	40.0000	44
	61 4-Bromophenyl-phenylether	248	9.117	9.117	(0.952)	386264	40.0000	44
	131 Atrazine	200	9.322	9.322	(0.973)	328014	40.0000	44
	62 Hexachlorobenzene	284	9.182	9.182	(0.958)	409143	40.0000	43
	63 Pentachlorophenol	266	9.393	9.393	(0.981)	231429	40.0000	40
	64 Phenanthrene	178	9.608	9.608	(1.003)	2016269	40.0000	43
	65 Carbazole	167	9.838	9.838	(1.027)	1856664	40.0000	43
	66 Anthracene	178	9.661	9.661	(1.008)	2078226	40.0000	44
	67 Di-n-butylphthalate	149	10.229	10.229	(1.068)	2371008	40.0000	44
	68 Fluoranthene	202	10.860	10.860	(1.134)	2030933	40.0000	43
*	70 Chrysene-d12	240	12.442	12.442	(1.000)	907309	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.006	11.006	(0.885)	363834	40.0000	50
72	Pyrene	202	11.097	11.097	(0.892)	2058117	40.0000	43
$ 73	Terphenyl-d14	244	11.274	11.274	(0.906)	1348221	40.0000	43
74	Butylbenzylphthalate	149	11.799	11.799	(0.948)	862774	40.0000	44
124	3,3'-Dimethylbenzidine	212	11.774	11.774	(0.946)	333627	40.0000	52
75	3,3'-Dichlorobenzidine	252	12.408	12.408	(0.997)	466650	40.0000	44
76	Benzo(a)anthracene	228	12.430	12.430	(0.999)	1640494	40.0000	43
77	Chrysene	228	12.480	12.480	(1.003)	1575855	40.0000	43
78	Bis(2-Ethylhexyl)phthalate	149	12.489	12.489	(1.004)	970553	40.0000	44
* 79	Perylene-d12	264	14.587	14.587	(1.000)	585950	20.0000	
80	Di-n-octylphthalate	149	13.390	13.390	(0.918)	1120972	40.0000	40
81	Benzo(b)fluoranthene	252	13.956	13.956	(0.957)	1192484	40.0000	43
82	Benzo(k)fluoranthene	252	14.003	14.003	(0.960)	1237363	40.0000	43
83	Benzo(a)pyrene	252	14.487	14.487	(0.993)	935034	40.0000	44
84	Indeno(1,2,3-cd)pyrene	276	16.561	16.561	(1.135)	518097	40.0000	42
85	Dibenzo(a,h)anthracene	278	16.613	16.613	(1.139)	508304	40.0000	43
86	Benzo(g,h,i)perylene	276	17.083	17.083	(1.171)	503867	40.0000	42
167	Simazine	201	9.294	9.294	(0.970)	211302	40.0000	44
103	1,2,4,5-Tetrachlorobenzene	216	7.096	7.096	(0.886)	277664	40.0000	45
109	2,3,4,6-Tetrachlorophenol	232	8.374	8.374	(1.045)	307760	40.0000	42
119	Pentachloronitrobenzene	237	9.412	9.412	(0.982)	157548	40.0000	44

QC Flag Legend

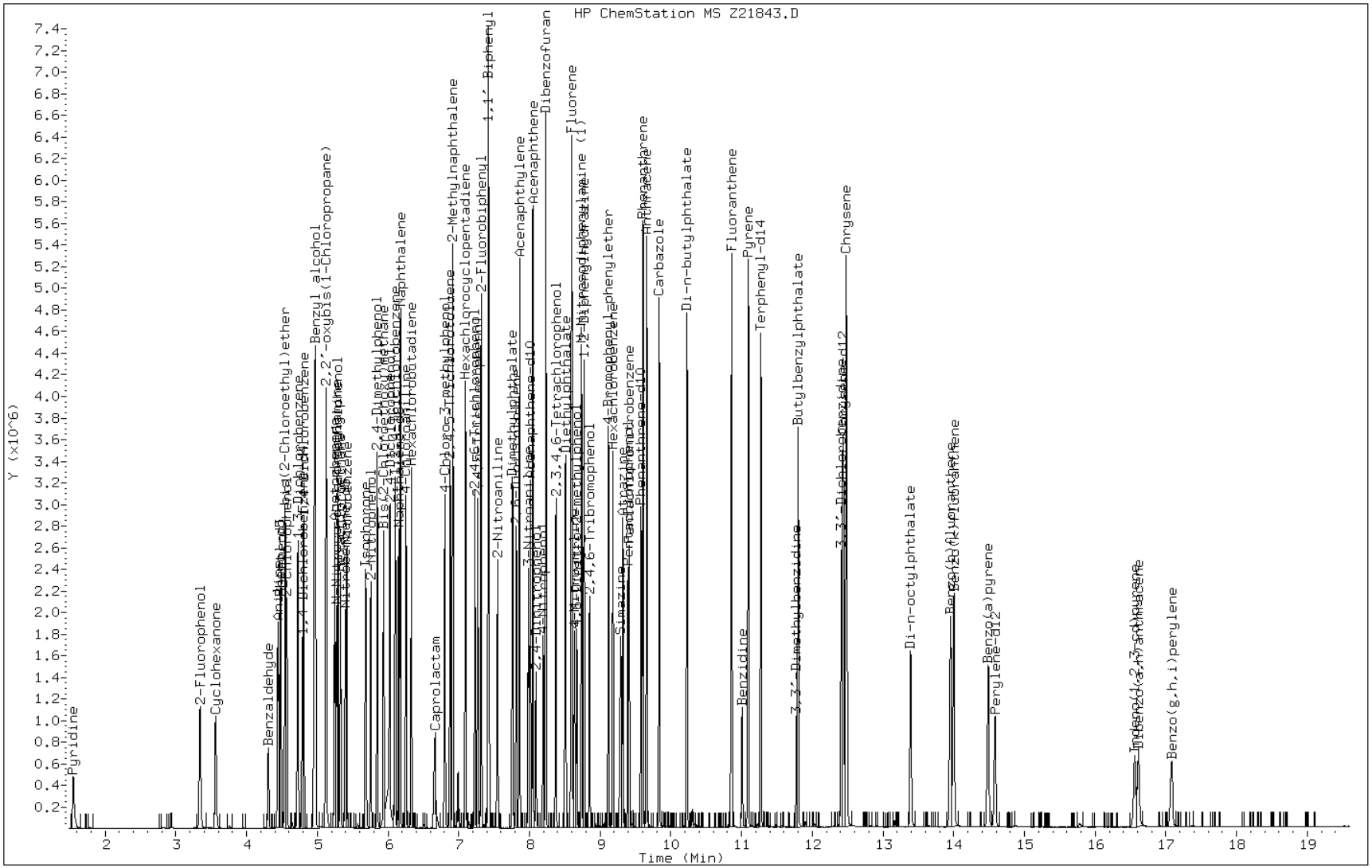
M - Compound response manually integrated.

Data File: Z21843.D

Date: 27-JUL-2011 07:33

Client ID: ICIS-641574 Instrument: msz.i

Sample Info: ICIS-641574 Operator: S.Jonas



Manual Integration Report

Data File: Z21843.D
Inj. Date and Time: 27-JUL-2011 07:33
Instrument ID: msz.i
Client ID: ICIS-641574
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

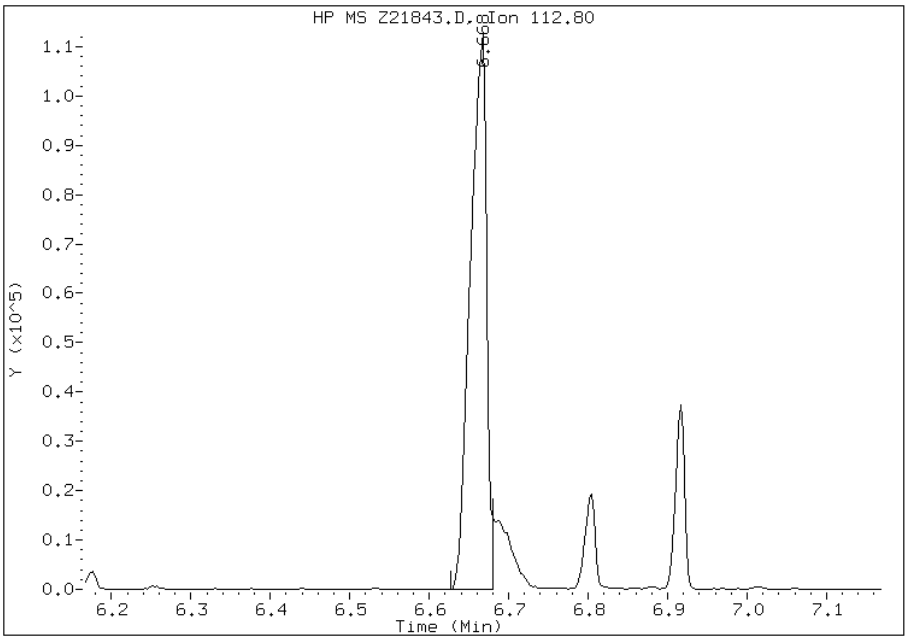
Processing Integration Results

RT: 6.67

Response: 165277

Amount: 40

Conc: 40



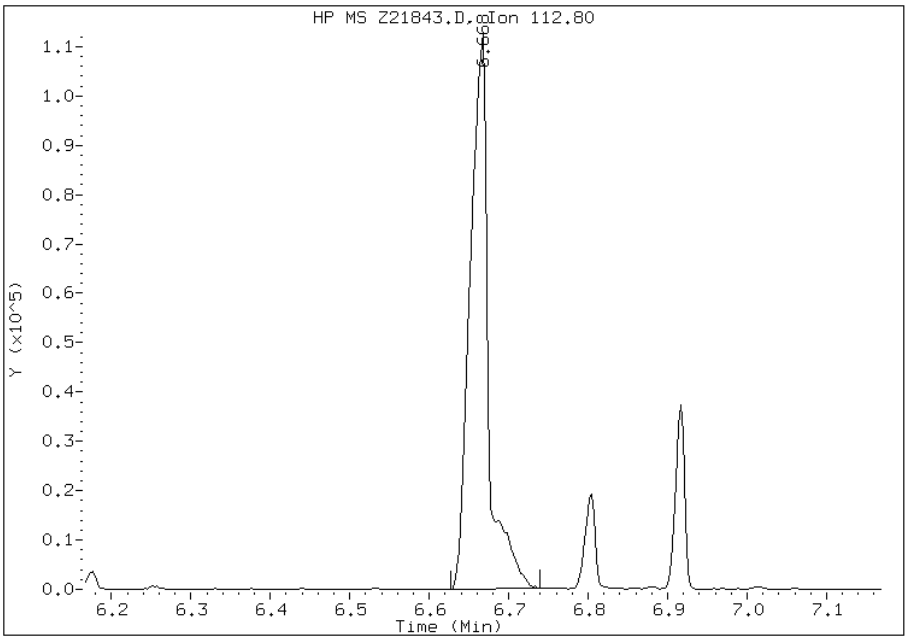
Manual Integration Results

RT: 6.67

Response: 185884

Amount: 43

Conc: 43



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21843.D
Inj. Date and Time: 27-JUL-2011 07:33
Instrument ID: msz.i
Client ID: ICIS-641574
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

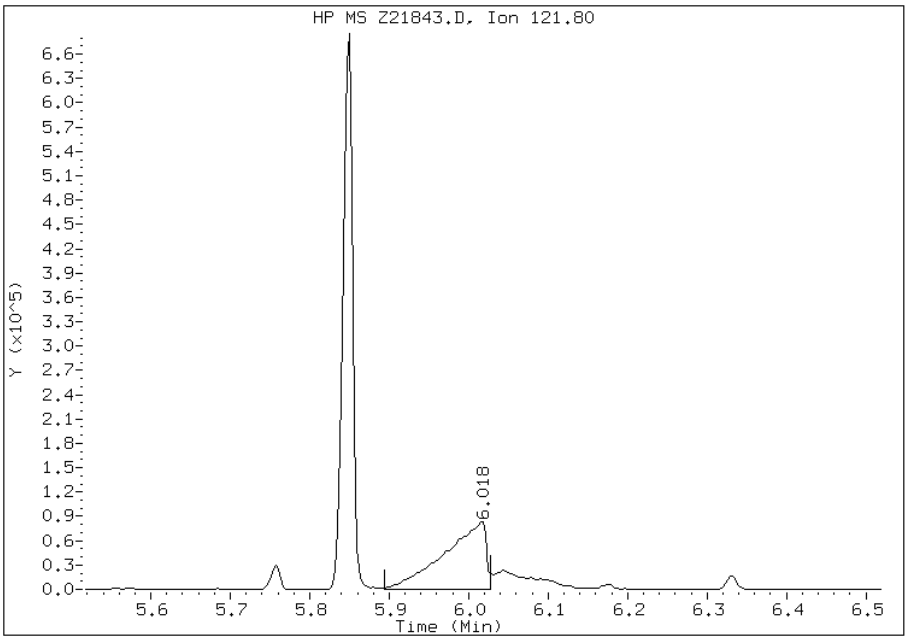
Processing Integration Results

RT: 6.02

Response: 303330

Amount: 40

Conc: 40



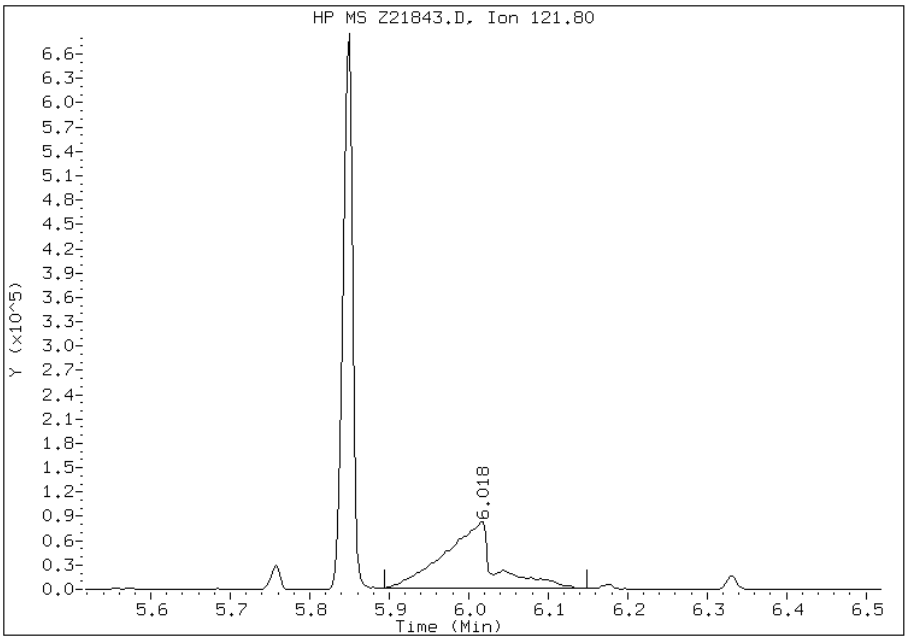
Manual Integration Results

RT: 6.02

Response: 366446

Amount: 49

Conc: 49



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21844.D
Lab Smp Id: IC-635513 Client Smp ID: IC-635513
Inj Date : 27-JUL-2011 08:01
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635513
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 08:01 Cal File: Z21844.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.787	4.787	(1.000)	281203	20.0000	
$ 2	2-Fluorophenol	112	3.339	3.339	(0.697)	25679	2.00000	2
$ 3	Phenol-d5	99	4.458	4.458	(0.931)	37963	2.00000	2
5	N-Nitrosodimethylamine	42	1.555	1.555	(0.325)	4964	2.00000	2(M)
6	Cyclohexanone	42	3.566	3.566	(0.745)	14886	2.00000	3
128	Benzaldehyde	77	4.309	4.309	(0.900)	9151	2.00000	1
7	Phenol	94	4.470	4.470	(0.934)	40982	2.00000	2
8	Aniline	93	4.439	4.439	(0.927)	44135	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.536	4.536	(0.947)	25099	2.00000	2
10	2-Chlorophenol	128	4.563	4.563	(0.953)	34568	2.00000	2
11	1,3-Dichlorobenzene	146	4.722	4.722	(0.986)	37680	2.00000	2
12	1,4-Dichlorobenzene	146	4.806	4.806	(1.004)	39121	2.00000	2
13	Benzyl alcohol	108	4.968	4.968	(1.038)	19901	2.00000	2
14	1,2-Dichlorobenzene	146	4.968	4.968	(1.038)	36931	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.071)	46019	2.00000	2
16	2-Methylphenol	108	5.114	5.114	(1.068)	31404	2.00000	2
92	Acetophenone	105	5.235	5.235	(1.093)	45644	2.00000	2
17	Hexachloroethane	117	5.328	5.328	(1.113)	16022	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.257	5.257	(1.098)	24468	2.00000	2
19	4-Methylphenol	108	5.281	5.281	(1.103)	33035	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.149	6.149	(1.000)	1260211	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.387	(0.876)	36618	2.00000	2
	22 Nitrobenzene	77	5.409	5.409	(0.880)	38164	2.00000	2
	23 Isophorone	82	5.673	5.673	(0.923)	65223	2.00000	2
	24 2-Nitrophenol	139	5.754	5.754	(0.936)	19277	2.00000	2
	25 2,4-Dimethylphenol	122	5.838	5.838	(0.949)	27082	2.00000	2
	26 Benzoic Acid	122	5.922	5.922	(0.963)	12596	2.00000	2
	27 Bis(2-Chloroethoxy)methane	93	5.931	5.931	(0.965)	42210	2.00000	2
	28 2,4-Dichlorophenol	162	6.015	6.015	(0.978)	27200	2.00000	2
	29 1,2,4-Trichlorobenzene	180	6.099	6.099	(0.992)	31210	2.00000	2
	30 Naphthalene	128	6.167	6.167	(1.003)	107870	2.00000	2
	31 4-Chloroaniline	127	6.248	6.248	(1.016)	38211	2.00000	2
	32 Hexachlorobutadiene	225	6.329	6.329	(1.029)	16978	2.00000	2
	129 Caprolactam	113	6.584	6.584	(1.071)	7543	2.00000	2(M)
	33 4-Chloro-3-methylphenol	107	6.789	6.789	(1.104)	28060	2.00000	2
	34 2-Methylnaphthalene	142	6.910	6.910	(1.124)	68781	2.00000	2
*	35 Acenaphthene-d10	164	8.010	8.010	(1.000)	745297	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.873	6.873	(1.436)	27765	2.00000	2
	37 Hexachlorocyclopentadiene	237	7.090	7.090	(0.885)	9507	2.00000	1
	38 2,4,6-Trichlorophenol	196	7.224	7.224	(0.902)	18116	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.258	7.258	(0.906)	46322	5.00000	4
$	40 2-Fluorobiphenyl	172	7.311	7.311	(0.913)	67945	2.00000	2
	130 1,1'-Biphenyl	154	7.411	7.411	(0.925)	80133	2.00000	2
	41 2-Chloronaphthalene	162	7.420	7.420	(0.926)	64837	2.00000	2
	42 2-Nitroaniline	65	7.538	7.538	(0.941)	18075	2.00000	2
	43 Acenaphthylene	152	7.855	7.855	(0.981)	102290	2.00000	2
	44 Dimethylphthalate	163	7.749	7.749	(0.967)	67952	2.00000	2
	45 2,6-Dinitrotoluene	165	7.802	7.802	(0.974)	15018	2.00000	2
	46 Acenaphthene	153	8.041	8.041	(1.004)	63463	2.00000	2
	47 3-Nitroaniline	138	7.973	7.973	(0.995)	16446	2.00000	2
	48 2,4-Dinitrophenol	184	8.082	8.082	(1.009)	6263	5.00000	8
	49 Dibenzofuran	168	8.225	8.225	(1.027)	89514	2.00000	2
	50 2,4-Dinitrotoluene	165	8.222	8.222	(1.026)	20564	2.00000	2
	51 4-Nitrophenol	109	8.178	8.178	(1.021)	17708	5.00000	4
	52 Fluorene	166	8.585	8.585	(1.072)	70619	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.598	8.598	(1.073)	33646	2.00000	2
	54 Diethylphthalate	149	8.498	8.498	(1.061)	68868	2.00000	2
	55 4-Nitroaniline	138	8.613	8.613	(1.075)	16116	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.840	8.840	(1.104)	20295	5.00000	4
*	57 Phenanthrene-d10	188	9.574	9.574	(1.000)	1187070	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.651	8.651	(0.904)	15677	5.00000	3
	59 N-Nitrosodiphenylamine (1)	169	8.725	8.725	(0.911)	48738	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.766	8.766	(0.916)	80329	2.00000	2
	61 4-Bromophenyl-phenylether	248	9.111	9.111	(0.952)	17236	2.00000	2
	131 Atrazine	200	9.303	9.303	(0.972)	14908	2.00000	2
	62 Hexachlorobenzene	284	9.173	9.173	(0.958)	19194	2.00000	2
	63 Pentachlorophenol	266	9.384	9.384	(0.980)	13052	5.00000	7
	64 Phenanthrene	178	9.596	9.596	(1.002)	98032	2.00000	2
	65 Carbazole	167	9.826	9.826	(1.026)	87708	2.00000	2
	66 Anthracene	178	9.648	9.648	(1.008)	96209	2.00000	2
	67 Di-n-butylphthalate	149	10.223	10.223	(1.068)	105359	2.00000	2
	68 Fluoranthene	202	10.851	10.851	(1.133)	92989	2.00000	2
*	70 Chrysene-d12	240	12.436	12.436	(1.000)	952995	20.0000	
	72 Pyrene	202	11.087	11.087	(0.892)	94565	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
$	73 Terphenyl-d14	244	11.268	11.268	(0.906)	61591	2.00000	2
	74 Butylbenzylphthalate	149	11.796	11.796	(0.949)	35925	2.00000	2
	75 3,3'-Dichlorobenzidine	252	12.399	12.399	(0.997)	19452	2.00000	2
	76 Benzo(a)anthracene	228	12.421	12.421	(0.999)	76918	2.00000	2
	77 Chrysene	228	12.464	12.464	(1.002)	73909	2.00000	2
	78 Bis(2-Ethylhexyl)phthalate	149	12.486	12.486	(1.004)	39848	2.00000	2
*	79 Perylene-d12	264	14.584	14.584	(1.000)	656730	20.0000	
	80 Di-n-octylphthalate	149	13.384	13.384	(0.918)	37436	2.00000	3(M)
	81 Benzo(b)fluoranthene	252	13.941	13.941	(0.956)	53640	2.00000	2
	82 Benzo(k)fluoranthene	252	13.981	13.981	(0.959)	56679	2.00000	2
	83 Benzo(a)pyrene	252	14.475	14.475	(0.993)	42522	2.00000	2
	84 Indeno(1,2,3-cd)pyrene	276	16.545	16.545	(1.134)	25756	2.00000	2(M)
	85 Dibenzo(a,h)anthracene	278	16.601	16.601	(1.138)	23980	2.00000	2(M)
	86 Benzo(g,h,i)perylene	276	17.058	17.058	(1.170)	25513	2.00000	2(M)
	167 Simazine	201	9.263	9.263	(0.968)	9781	2.00000	3(H)
	103 1,2,4,5-Tetrachlorobenzene	216	7.093	7.093	(0.886)	13624	2.00000	2
	109 2,3,4,6-Tetrachlorophenol	232	8.368	8.368	(1.045)	12224	2.00000	2
	119 Pentachloronitrobenzene	237	9.400	9.400	(0.982)	7082	2.00000	2

QC Flag Legend

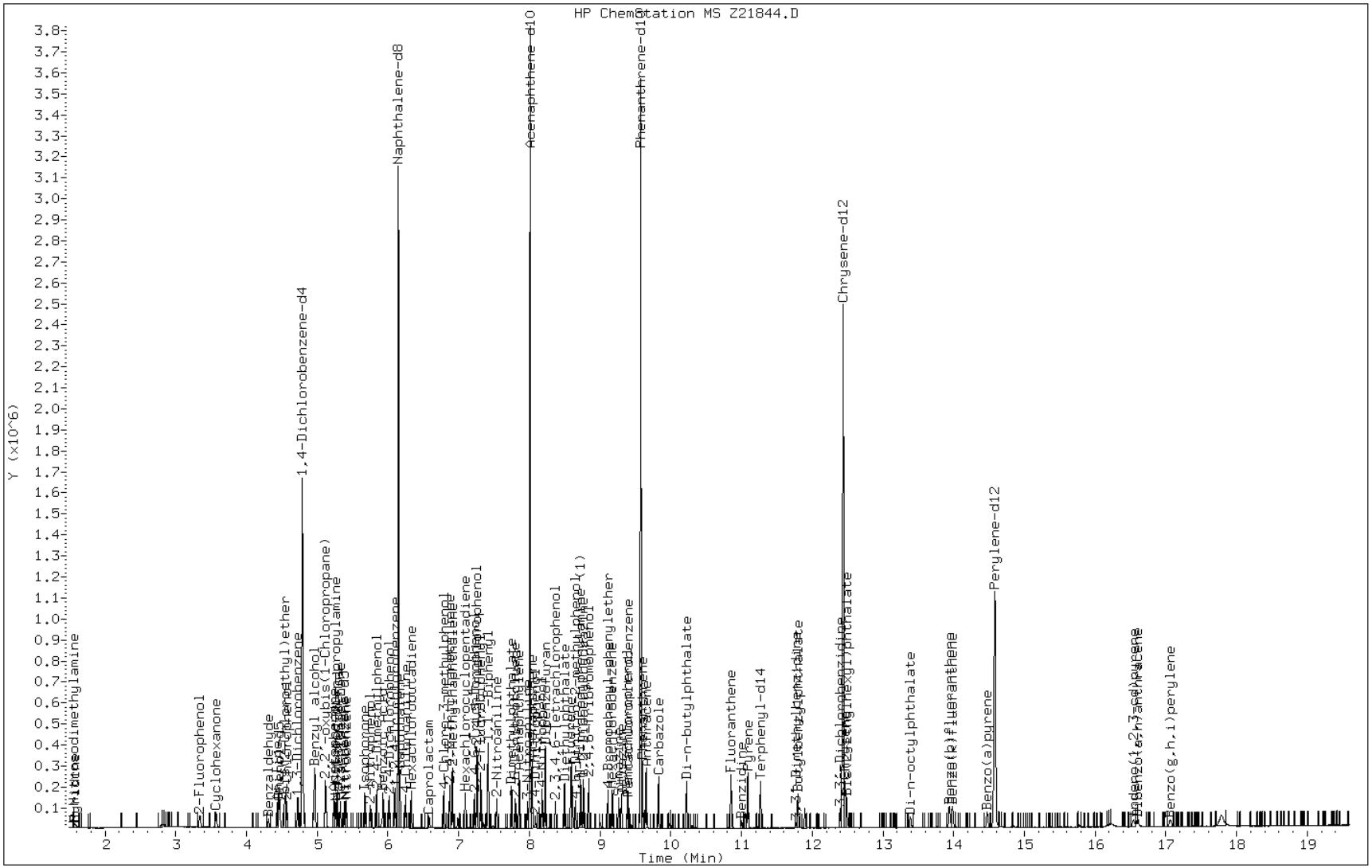
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21844.D

Date: 27-JUL-2011 08:01

Client ID: IC-635513 Instrument: msz.i

Sample Info: IC-635513 Operator: S.Jonas



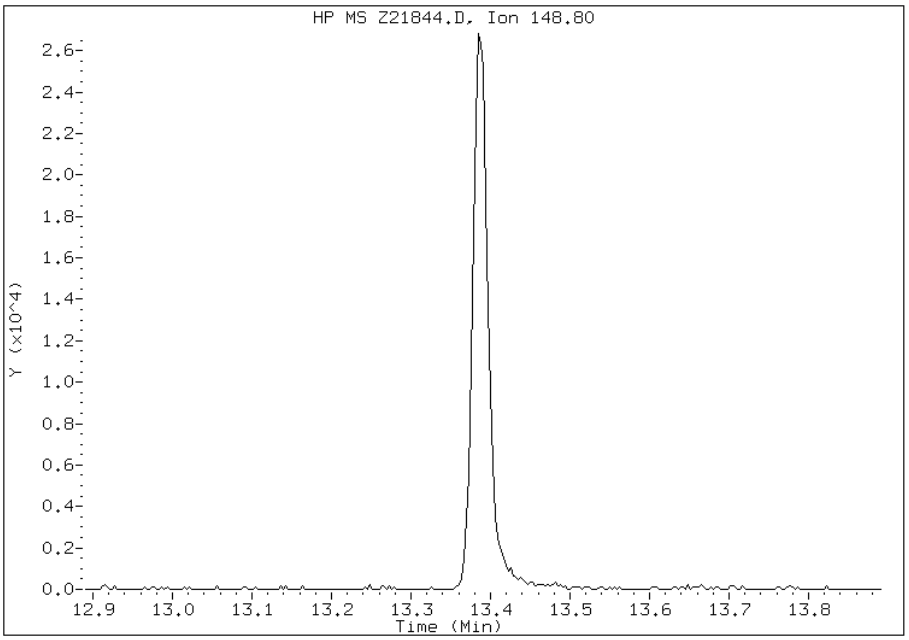
Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 07/28/2011

Processing Integration Results

Not Detected

Expected RT: 13.39



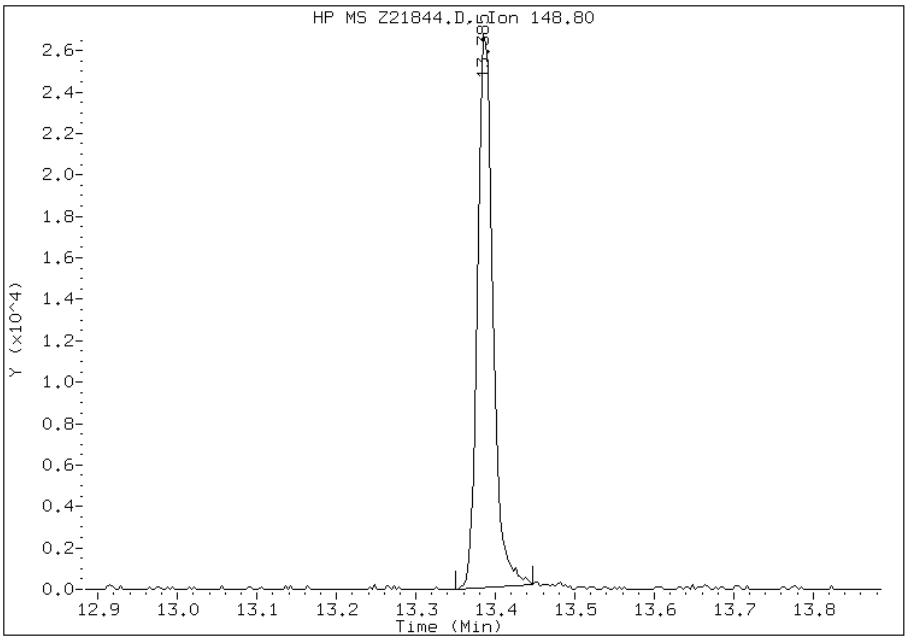
Manual Integration Results

RT: 13.38

Response: 37436

Amount: 3

Conc: 3



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 07/28/2011

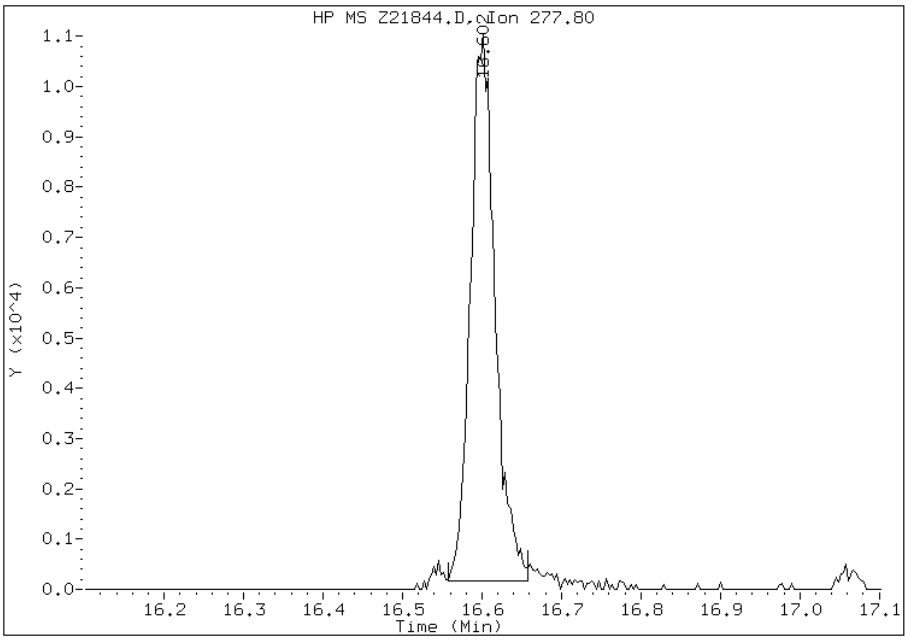
Processing Integration Results

RT: 16.60

Response: 23980

Amount: 2

Conc: 2



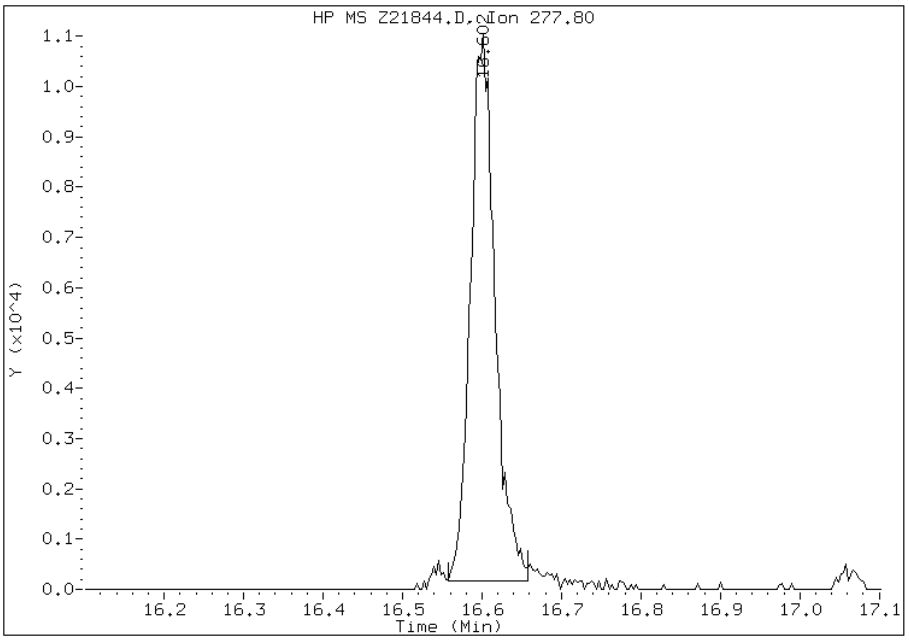
Manual Integration Results

RT: 16.60

Response: 23980

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 07/28/2011

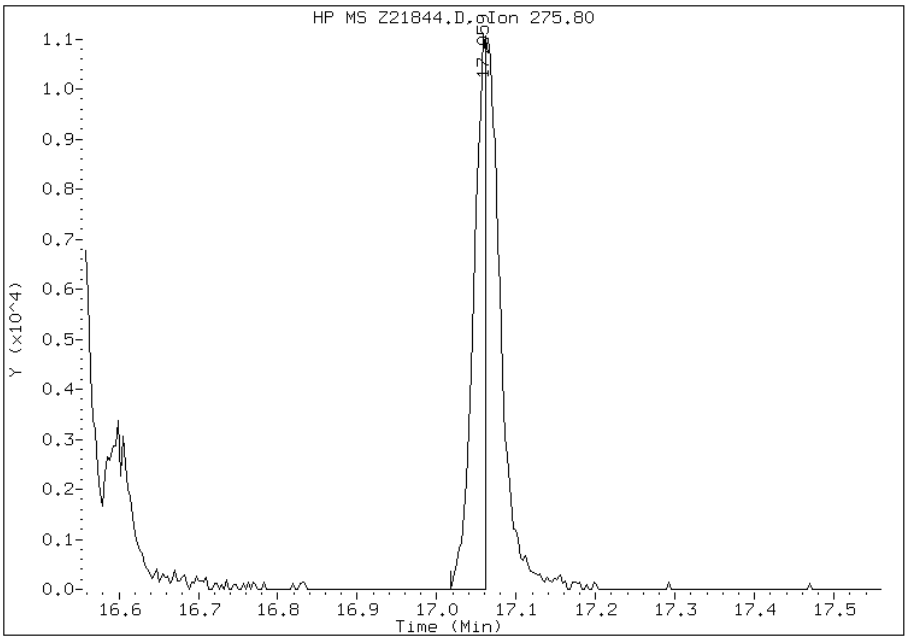
Processing Integration Results

RT: 17.06

Response: 12545

Amount: 1

Conc: 1



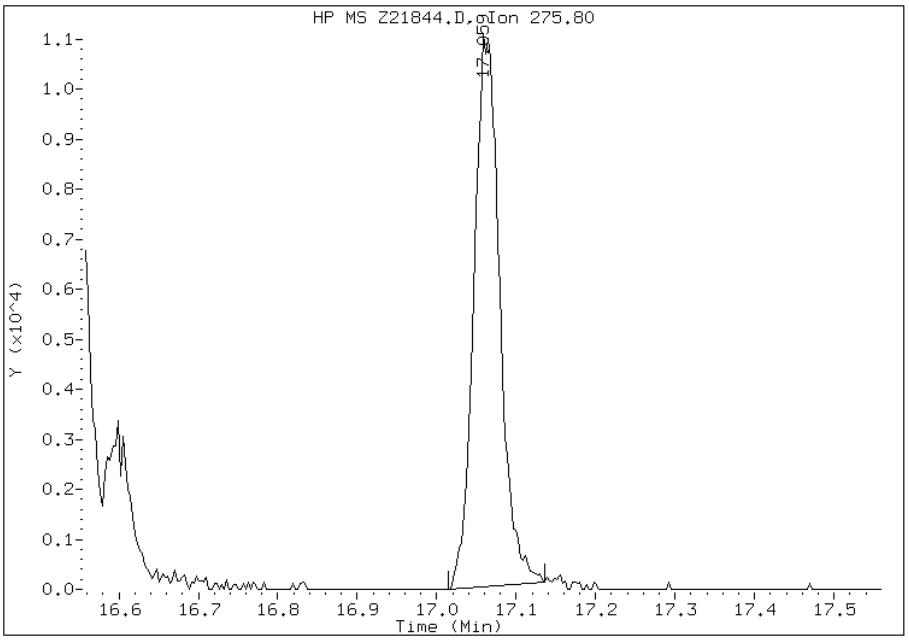
Manual Integration Results

RT: 17.06

Response: 25513

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 84 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/28/2011

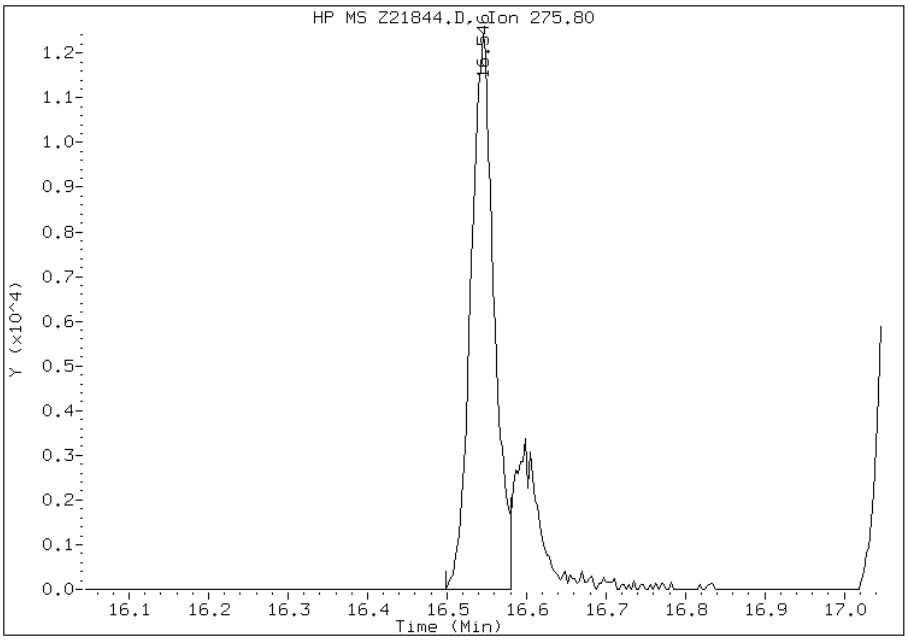
Processing Integration Results

RT: 16.55

Response: 25756

Amount: 2

Conc: 2



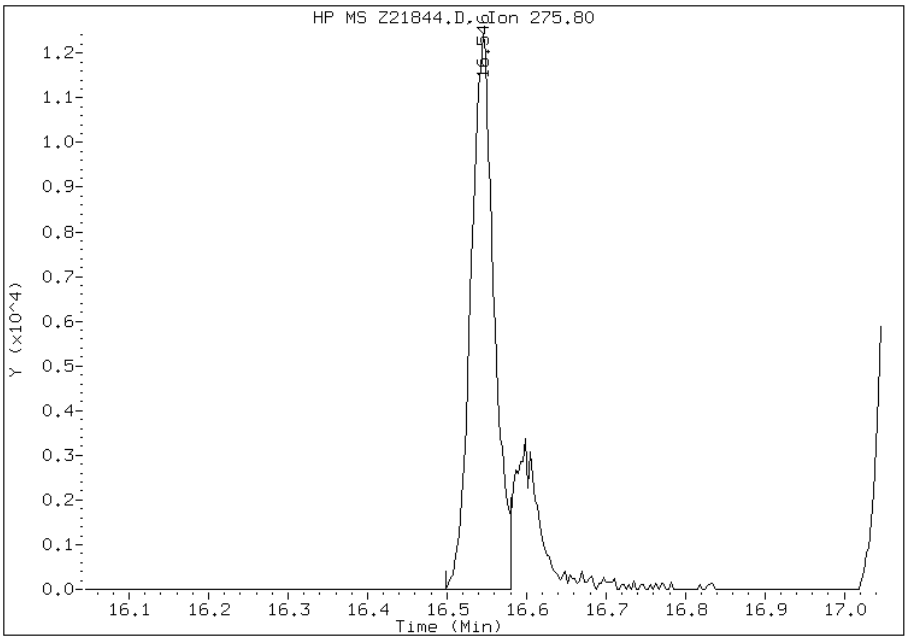
Manual Integration Results

RT: 16.55

Response: 25756

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 07/28/2011

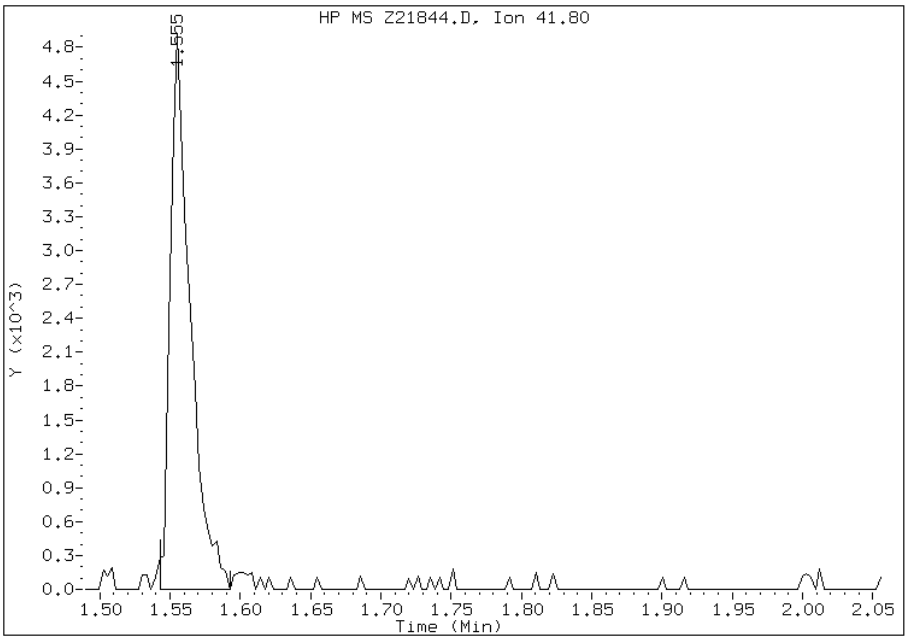
Processing Integration Results

RT: 1.56

Response: 4944

Amount: 2

Conc: 2



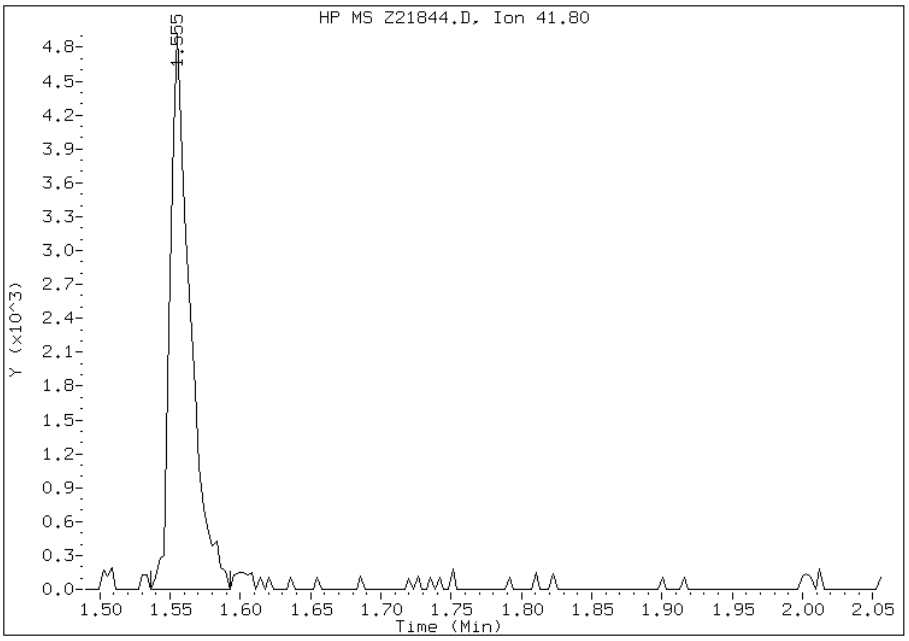
Manual Integration Results

RT: 1.56

Response: 4964

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/28/2011

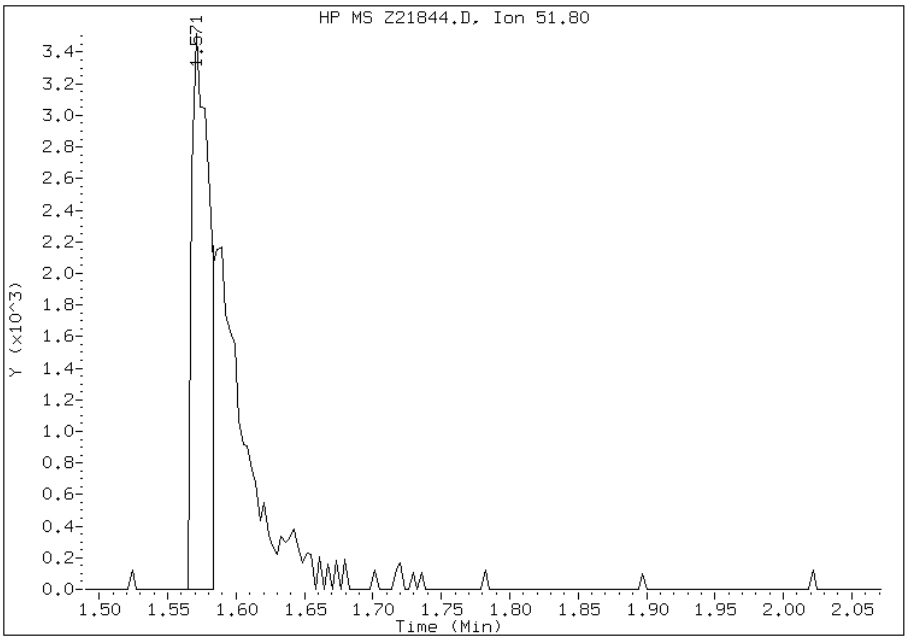
Processing Integration Results

RT: 1.57

Response: 3163

Amount: 1

Conc: 1



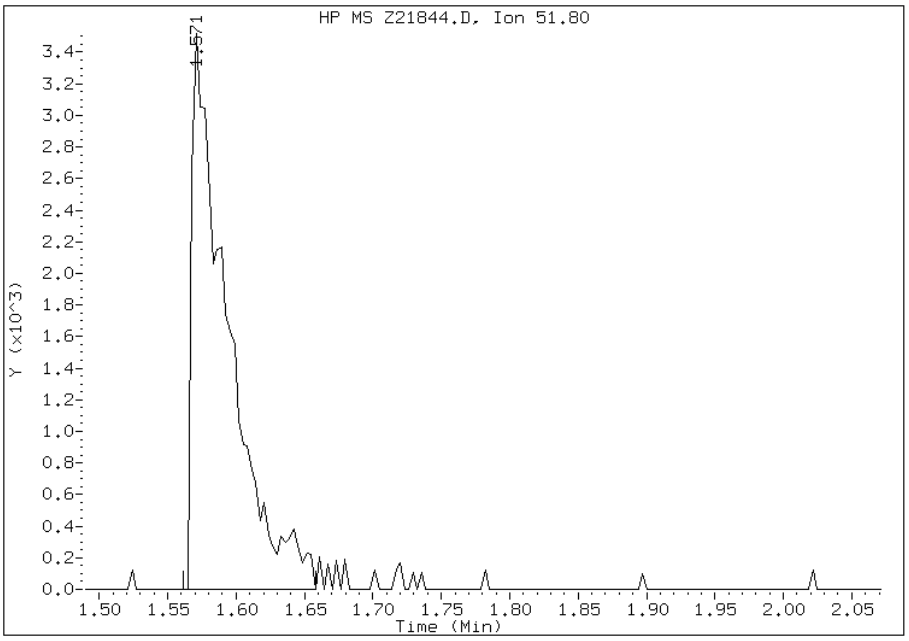
Manual Integration Results

RT: 1.57

Response: 6452

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/28/2011

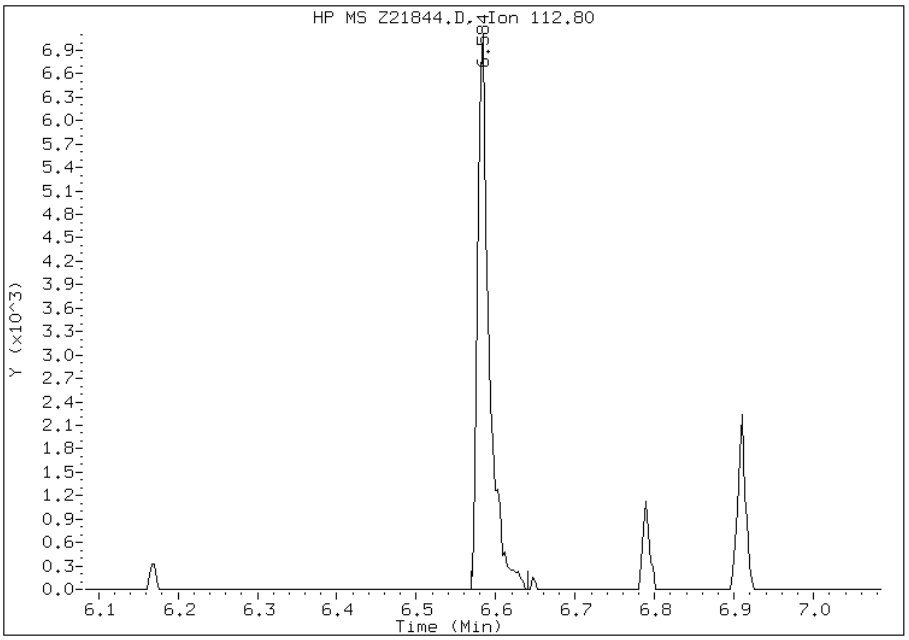
Processing Integration Results

RT: 6.58

Response: 7543

Amount: 2

Conc: 2



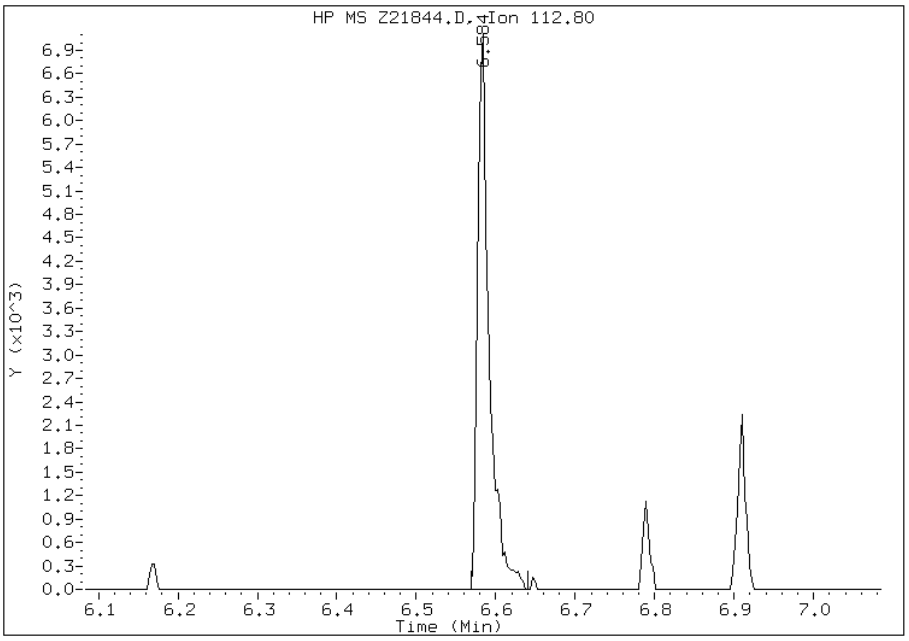
Manual Integration Results

RT: 6.58

Response: 7543

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

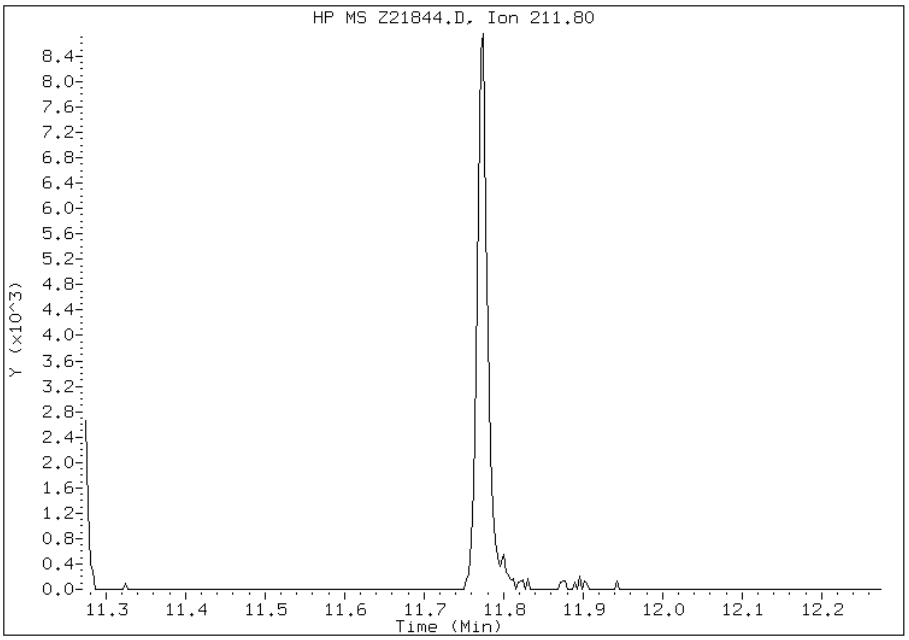
Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 07/28/2011

Processing Integration Results

Not Detected

Expected RT: 11.77



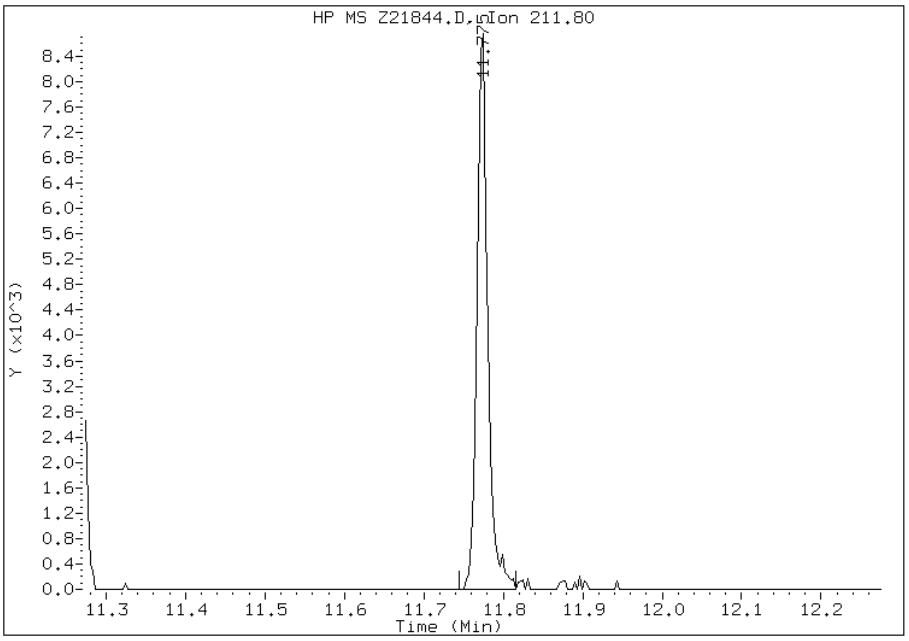
Manual Integration Results

RT: 11.77

Response: 8544

Amount: 1

Conc: 1



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21845.D
Lab Smp Id: IC-635514 Client Smp ID: IC-635514
Inj Date : 27-JUL-2011 08:30
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635514
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 08:30 Cal File: Z21845.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.787	4.787	(1.000)	281624	20.0000	
$ 2	2-Fluorophenol	112	3.339	3.339	(0.697)	50144	4.00000	4
$ 3	Phenol-d5	99	4.458	4.458	(0.931)	74059	4.00000	4
4	Pyridine	52	1.561	1.561	(0.326)	12392	4.00000	4(M)
5	N-Nitrosodimethylamine	42	1.549	1.549	(0.324)	9591	4.00000	4
6	Cyclohexanone	42	3.566	3.566	(0.745)	27679	4.00000	5
128	Benzaldehyde	77	4.305	4.305	(0.899)	45854	4.00000	7
7	Phenol	94	4.470	4.470	(0.934)	82204	4.00000	4
8	Aniline	93	4.439	4.439	(0.927)	91604	4.00000	4
9	bis(2-Chloroethyl)ether	63	4.535	4.535	(0.947)	49083	4.00000	4
10	2-Chlorophenol	128	4.563	4.563	(0.953)	67716	4.00000	4
11	1,3-Dichlorobenzene	146	4.722	4.722	(0.986)	75765	4.00000	4
12	1,4-Dichlorobenzene	146	4.806	4.806	(1.004)	76312	4.00000	4
13	Benzyl alcohol	108	4.964	4.964	(1.037)	40416	4.00000	4
14	1,2-Dichlorobenzene	146	4.967	4.967	(1.038)	72979	4.00000	4
15	2,2'-oxybis(1-Chloropropane)	45	5.123	5.123	(1.070)	89034	4.00000	4
16	2-Methylphenol	108	5.114	5.114	(1.068)	61079	4.00000	4
92	Acetophenone	105	5.235	5.235	(1.093)	88613	4.00000	4
17	Hexachloroethane	117	5.325	5.325	(1.112)	30064	4.00000	4
18	N-Nitroso-di-n-propylamine	70	5.257	5.257	(1.098)	48523	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
19	4-Methylphenol	108	5.281	5.281	(1.103)	65828	4.00000	4
* 20	Naphthalene-d8	136	6.149	6.149	(1.000)	1278007	20.0000	
$ 21	Nitrobenzene-d5	82	5.387	5.387	(0.876)	71075	4.00000	4
22	Nitrobenzene	77	5.406	5.406	(0.879)	74099	4.00000	4
23	Isophorone	82	5.673	5.673	(0.923)	128875	4.00000	4
24	2-Nitrophenol	139	5.751	5.751	(0.935)	38402	4.00000	4
25	2,4-Dimethylphenol	122	5.838	5.838	(0.949)	54663	4.00000	4
26	Benzoic Acid	122	5.947	5.947	(0.967)	39757	10.0000	6
27	Bis(2-Chloroethoxy)methane	93	5.928	5.928	(0.964)	83304	4.00000	4
28	2,4-Dichlorophenol	162	6.015	6.015	(0.978)	54401	4.00000	4
29	1,2,4-Trichlorobenzene	180	6.096	6.096	(0.991)	62418	4.00000	4
30	Naphthalene	128	6.167	6.167	(1.003)	207405	4.00000	4
31	4-Chloroaniline	127	6.248	6.248	(1.016)	80715	4.00000	4
32	Hexachlorobutadiene	225	6.329	6.329	(1.029)	33381	4.00000	4
129	Caprolactam	113	6.590	6.590	(1.072)	16155	4.00000	4
33	4-Chloro-3-methylphenol	107	6.789	6.789	(1.104)	56760	4.00000	4
34	2-Methylnaphthalene	142	6.910	6.910	(1.124)	134997	4.00000	4
* 35	Acenaphthene-d10	164	8.010	8.010	(1.000)	756269	20.0000	
36	2,4,5-Trichlorotoluene	159	6.873	6.873	(1.436)	54019	4.00000	4
37	Hexachlorocyclopentadiene	237	7.090	7.090	(0.885)	23491	4.00000	3
38	2,4,6-Trichlorophenol	196	7.224	7.224	(0.902)	36180	4.00000	4
39	2,4,5-Trichlorophenol	196	7.258	7.258	(0.906)	96412	10.0000	9
$ 40	2-Fluorobiphenyl	172	7.311	7.311	(0.913)	136534	4.00000	4
130	1,1'-Biphenyl	154	7.410	7.410	(0.925)	159101	4.00000	4
41	2-Chloronaphthalene	162	7.420	7.420	(0.926)	127884	4.00000	4
42	2-Nitroaniline	65	7.538	7.538	(0.941)	37166	4.00000	4
43	Acenaphthylene	152	7.855	7.855	(0.981)	204671	4.00000	4
44	Dimethylphthalate	163	7.749	7.749	(0.967)	135938	4.00000	4
45	2,6-Dinitrotoluene	165	7.802	7.802	(0.974)	30678	4.00000	4
46	Acenaphthene	153	8.041	8.041	(1.004)	127336	4.00000	4
47	3-Nitroaniline	138	7.973	7.973	(0.995)	35018	4.00000	4
48	2,4-Dinitrophenol	184	8.085	8.085	(1.009)	21234	10.0000	11
49	Dibenzofuran	168	8.225	8.225	(1.027)	176777	4.00000	4
50	2,4-Dinitrotoluene	165	8.222	8.222	(1.026)	43033	4.00000	4
51	4-Nitrophenol	109	8.181	8.181	(1.021)	38100	10.0000	8
52	Fluorene	166	8.585	8.585	(1.072)	142388	4.00000	4
53	4-Chlorophenyl-phenylether	204	8.601	8.601	(1.074)	67180	4.00000	4
54	Diethylphthalate	149	8.498	8.498	(1.061)	138577	4.00000	4
55	4-Nitroaniline	138	8.613	8.613	(1.075)	32856	4.00000	4
$ 56	2,4,6-Tribromophenol	330	8.840	8.840	(1.104)	43884	10.0000	9
* 57	Phenanthrene-d10	188	9.574	9.574	(1.000)	1207294	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.651	8.651	(0.904)	41359	10.0000	7
59	N-Nitrosodiphenylamine (1)	169	8.725	8.725	(0.911)	98148	4.00000	4
60	1,2-Diphenylhydrazine	77	8.766	8.766	(0.916)	161245	4.00000	4
61	4-Bromophenyl-phenylether	248	9.111	9.111	(0.952)	35111	4.00000	4
131	Atrazine	200	9.303	9.303	(0.972)	30195	4.00000	4
62	Hexachlorobenzene	284	9.173	9.173	(0.958)	38941	4.00000	4
63	Pentachlorophenol	266	9.387	9.387	(0.981)	36046	10.0000	10
64	Phenanthrene	178	9.595	9.595	(1.002)	195474	4.00000	4
65	Carbazole	167	9.829	9.829	(1.027)	176680	4.00000	4
66	Anthracene	178	9.648	9.648	(1.008)	197220	4.00000	4
67	Di-n-butylphthalate	149	10.223	10.223	(1.068)	217765	4.00000	4
68	Fluoranthene	202	10.851	10.851	(1.133)	191916	4.00000	4
* 70	Chrysene-d12	240	12.436	12.436	(1.000)	970365	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
72	Pyrene	202	11.087	11.087	(0.892)	192784	4.00000	4
$ 73	Terphenyl-d14	244	11.268	11.268	(0.906)	126109	4.00000	4
74	Butylbenzylphthalate	149	11.796	11.796	(0.949)	74747	4.00000	4
75	3,3'-Dichlorobenzidine	252	12.399	12.399	(0.997)	41774	4.00000	4
76	Benzo(a)anthracene	228	12.421	12.421	(0.999)	154767	4.00000	4
77	Chrysene	228	12.464	12.464	(1.002)	148932	4.00000	4
78	Bis(2-Ethylhexyl)phthalate	149	12.486	12.486	(1.004)	81067	4.00000	3
* 79	Perylene-d12	264	14.584	14.584	(1.000)	663553	20.0000	
80	Di-n-octylphthalate	149	13.387	13.387	(0.918)	78893	4.00000	4
81	Benzo(b)fluoranthene	252	13.941	13.941	(0.956)	109190	4.00000	4
82	Benzo(k)fluoranthene	252	13.984	13.984	(0.959)	112794	4.00000	3(M)
83	Benzo(a)pyrene	252	14.472	14.472	(0.992)	84819	4.00000	4
84	Indeno(1,2,3-cd)pyrene	276	16.542	16.542	(1.134)	50511	4.00000	4
85	Dibenzo(a,h)anthracene	278	16.601	16.601	(1.138)	44207	4.00000	3(M)
86	Benzo(g,h,i)perylene	276	17.061	17.061	(1.170)	51617	4.00000	4(M)
167	Simazine	201	9.266	9.266	(0.968)	19432	4.00000	5(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.093	7.093	(0.886)	26922	5.00000	4
109	2,3,4,6-Tetrachlorophenol	232	8.365	8.365	(1.044)	26340	5.00000	4
119	Pentachloronitrobenzene	237	9.400	9.400	(0.982)	15664	4.00000	4

QC Flag Legend

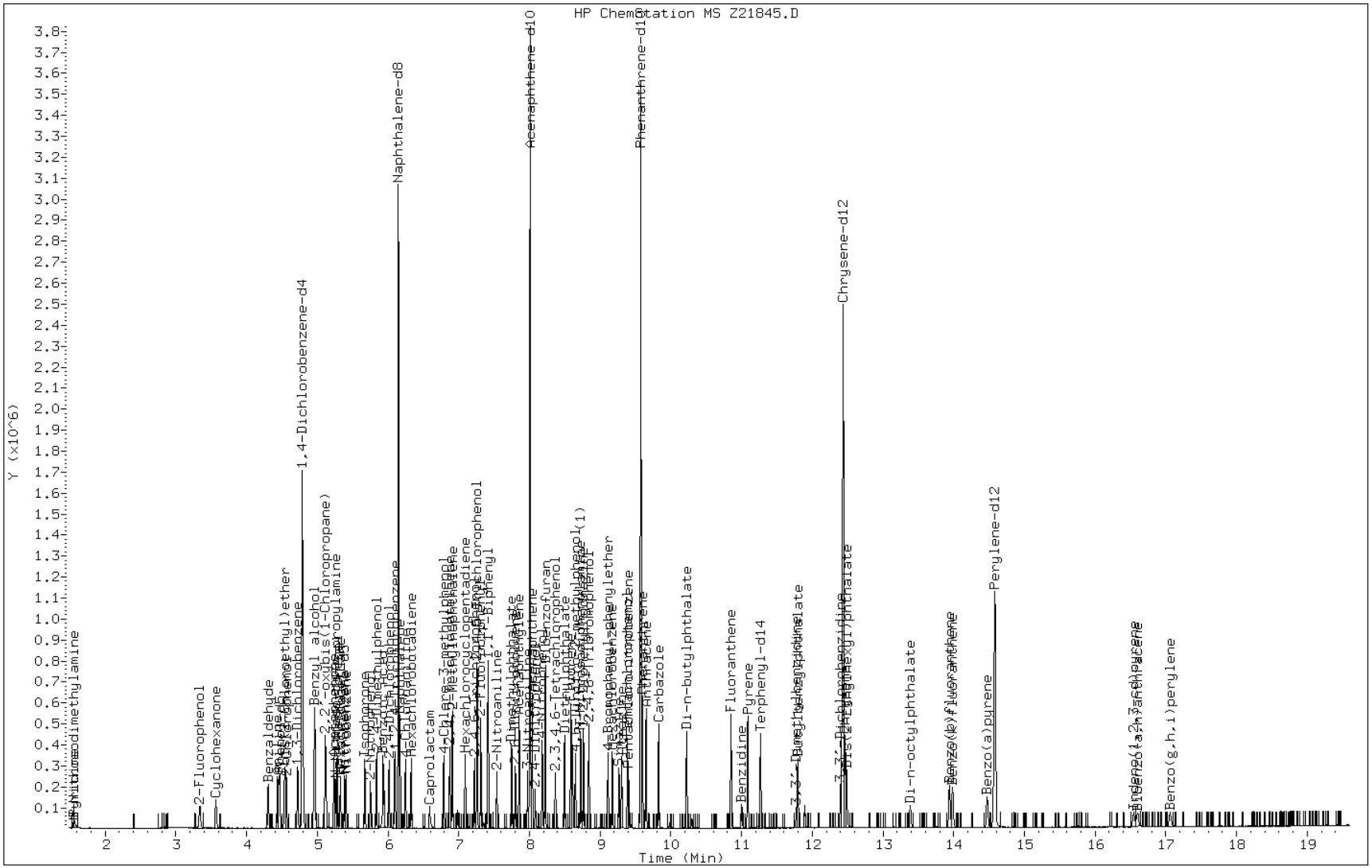
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21845.D

Date: 27-JUL-2011 08:30

Client ID: IC-635514 Instrument: msz.i

Sample Info: IC-635514 Operator: S.Jonas



Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 82 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 07/27/2011

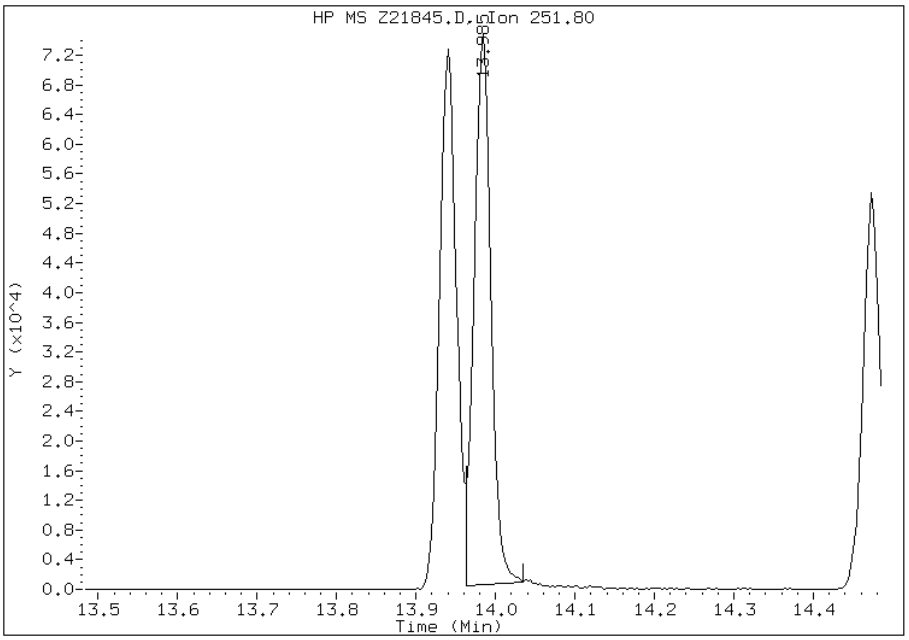
Processing Integration Results

RT: 13.98

Response: 112794

Amount: 3

Conc: 3



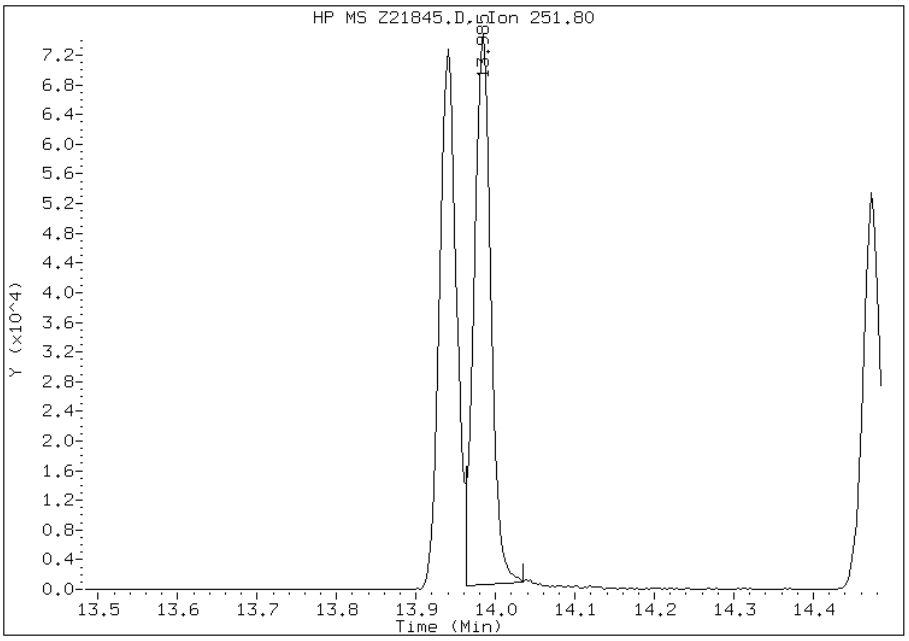
Manual Integration Results

RT: 13.98

Response: 112794

Amount: 3

Conc: 3



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/27/2011

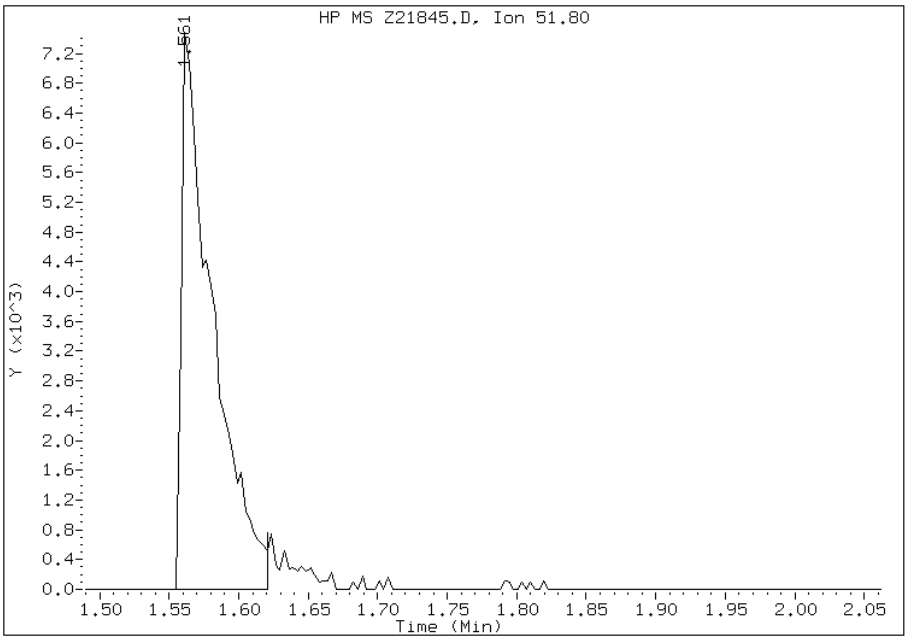
Processing Integration Results

RT: 1.56

Response: 11601

Amount: 4

Conc: 4



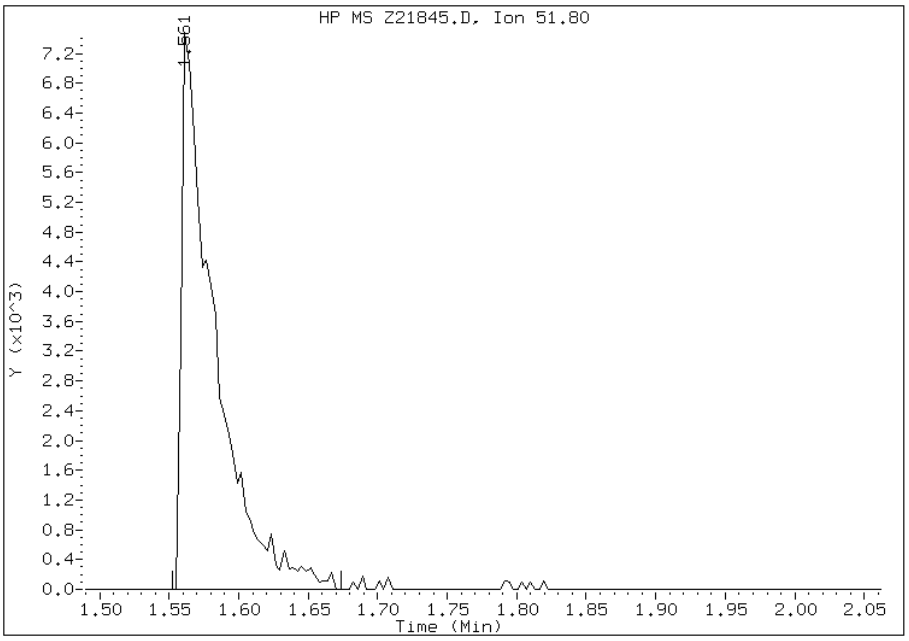
Manual Integration Results

RT: 1.56

Response: 12392

Amount: 4

Conc: 4



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 07/27/2011

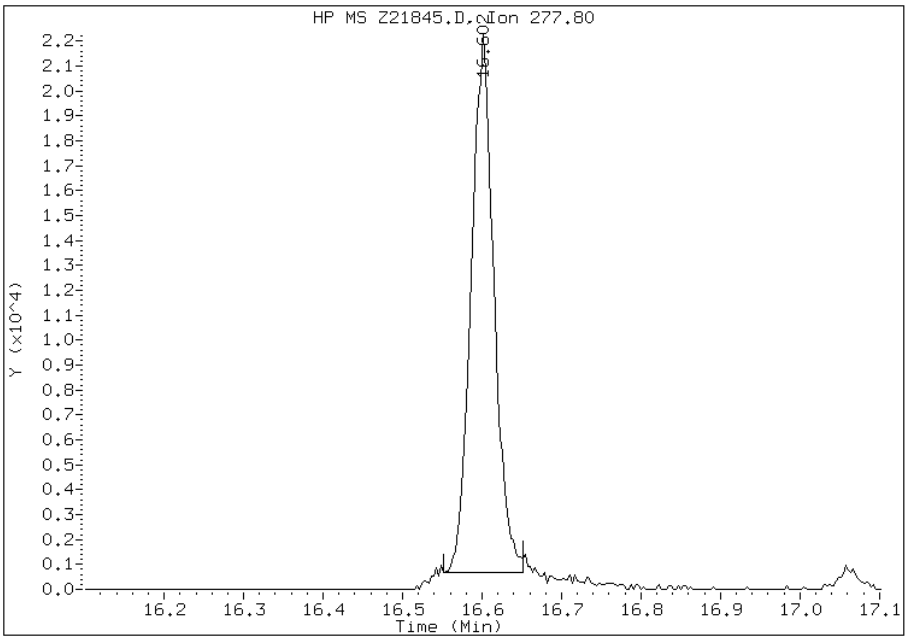
Processing Integration Results

RT: 16.60

Response: 44207

Amount: 3

Conc: 3



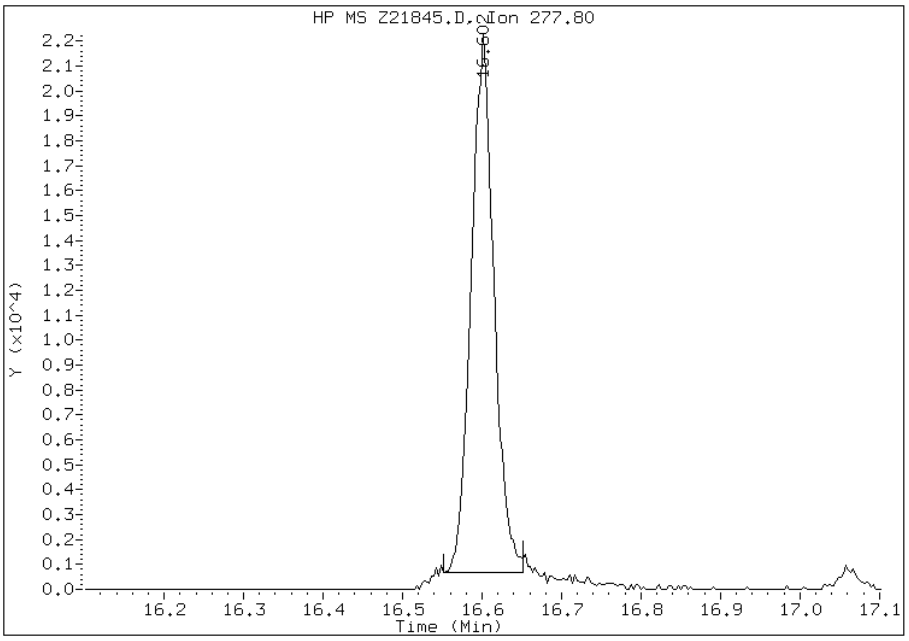
Manual Integration Results

RT: 16.60

Response: 44207

Amount: 3

Conc: 3



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 07/27/2011

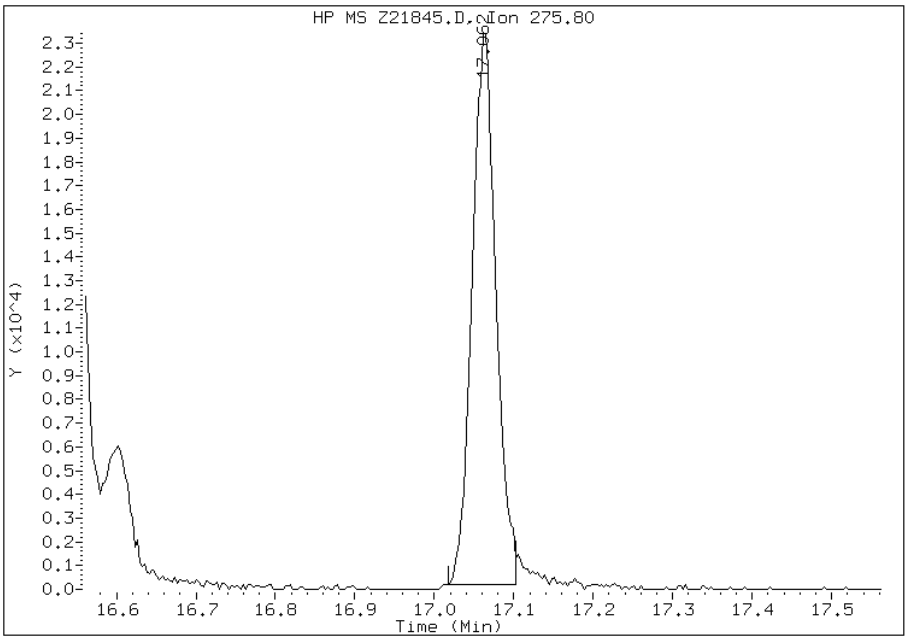
Processing Integration Results

RT: 17.06

Response: 49522

Amount: 4

Conc: 4



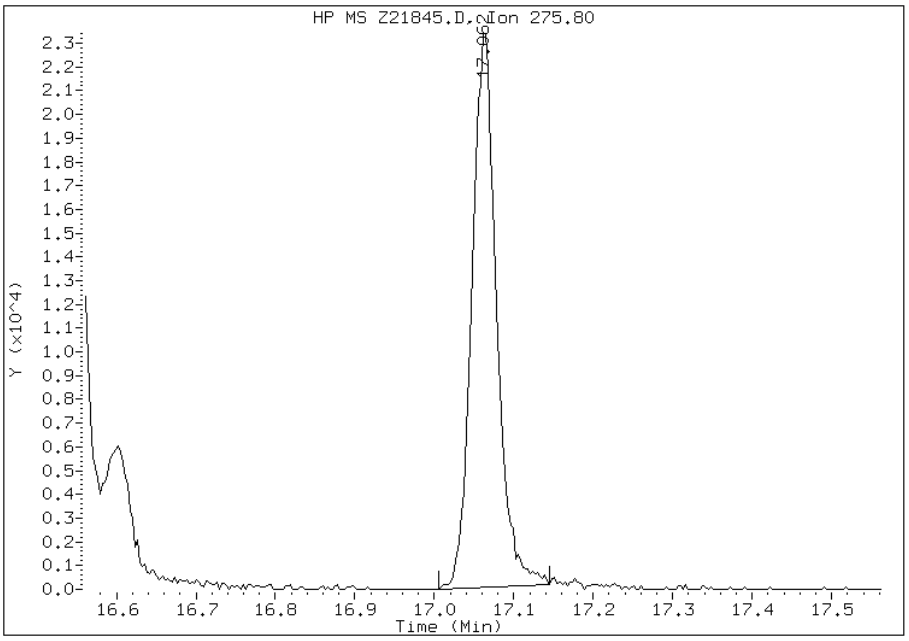
Manual Integration Results

RT: 17.06

Response: 51617

Amount: 4

Conc: 4



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21846.D
Lab Smp Id: IC-635515 Client Smp ID: IC-635515
Inj Date : 27-JUL-2011 08:58
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635515
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 08:58 Cal File: Z21846.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.784	4.784	(1.000)	281657	20.0000	
$ 2	2-Fluorophenol	112	3.336	3.336	(0.697)	131009	10.0000	10
$ 3	Phenol-d5	99	4.458	4.458	(0.932)	190438	10.0000	10
4	Pyridine	52	1.558	1.558	(0.326)	30041	10.0000	9
5	N-Nitrosodimethylamine	42	1.549	1.549	(0.324)	24870	10.0000	10
6	Cyclohexanone	42	3.559	3.559	(0.744)	64346	10.0000	12
128	Benzaldehyde	77	4.302	4.302	(0.899)	104822	10.0000	15
7	Phenol	94	4.470	4.470	(0.934)	207024	10.0000	10
8	Aniline	93	4.436	4.436	(0.927)	223828	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.532	4.532	(0.947)	121689	10.0000	10
10	2-Chlorophenol	128	4.560	4.560	(0.953)	174968	10.0000	10
11	1,3-Dichlorobenzene	146	4.719	4.719	(0.986)	190464	10.0000	10
12	1,4-Dichlorobenzene	146	4.803	4.803	(1.004)	195156	10.0000	10
13	Benzyl alcohol	108	4.964	4.964	(1.038)	107016	10.0000	10
14	1,2-Dichlorobenzene	146	4.964	4.964	(1.038)	186692	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.120	5.120	(1.070)	219523	10.0000	10
16	2-Methylphenol	108	5.114	5.114	(1.069)	154715	10.0000	10
92	Acetophenone	105	5.235	5.235	(1.094)	227615	10.0000	10
17	Hexachloroethane	117	5.325	5.325	(1.113)	79980	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.256	5.256	(1.099)	124461	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.281	5.281	(1.104)	168850	10.0000	10
*	20 Naphthalene-d8	136	6.145	6.145	(1.000)	1276646	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.387	(0.877)	182026	10.0000	10
	22 Nitrobenzene	77	5.406	5.406	(0.880)	189851	10.0000	10
	23 Isophorone	82	5.670	5.670	(0.923)	334216	10.0000	10
	24 2-Nitrophenol	139	5.751	5.751	(0.936)	100168	10.0000	10
	25 2,4-Dimethylphenol	122	5.838	5.838	(0.950)	144108	10.0000	10
	26 Benzoic Acid	122	5.993	5.993	(0.975)	169174	25.0000	27(M)
	27 Bis(2-Chloroethoxy)methane	93	5.928	5.928	(0.965)	214381	10.0000	10
	28 2,4-Dichlorophenol	162	6.015	6.015	(0.979)	141756	10.0000	10
	29 1,2,4-Trichlorobenzene	180	6.096	6.096	(0.992)	160076	10.0000	10
	30 Naphthalene	128	6.167	6.167	(1.004)	533624	10.0000	10
	31 4-Chloroaniline	127	6.245	6.245	(1.016)	209087	10.0000	10
	32 Hexachlorobutadiene	225	6.326	6.326	(1.029)	85955	10.0000	10
	129 Caprolactam	113	6.612	6.612	(1.076)	44004	10.0000	10(M)
	33 4-Chloro-3-methylphenol	107	6.789	6.789	(1.105)	154268	10.0000	10
	34 2-Methylnaphthalene	142	6.907	6.907	(1.124)	351017	10.0000	10
*	35 Acenaphthene-d10	164	8.007	8.007	(1.000)	766484	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.873	6.873	(1.437)	142296	10.0000	10
	37 Hexachlorocyclopentadiene	237	7.090	7.090	(0.885)	73859	10.0000	10
	38 2,4,6-Trichlorophenol	196	7.221	7.221	(0.902)	99914	10.0000	10
	39 2,4,5-Trichlorophenol	196	7.258	7.258	(0.906)	260937	25.0000	25
$	40 2-Fluorobiphenyl	172	7.311	7.311	(0.913)	355656	10.0000	10
	130 1,1'-Biphenyl	154	7.410	7.410	(0.925)	412482	10.0000	10
	41 2-Chloronaphthalene	162	7.420	7.420	(0.927)	330886	10.0000	10
	42 2-Nitroaniline	65	7.538	7.538	(0.941)	98692	10.0000	10
	43 Acenaphthylene	152	7.852	7.852	(0.981)	536121	10.0000	10
	44 Dimethylphthalate	163	7.749	7.749	(0.968)	358451	10.0000	10
	45 2,6-Dinitrotoluene	165	7.802	7.802	(0.974)	85222	10.0000	10
	46 Acenaphthene	153	8.041	8.041	(1.004)	331078	10.0000	10
	47 3-Nitroaniline	138	7.973	7.973	(0.996)	94395	10.0000	10
	48 2,4-Dinitrophenol	184	8.085	8.085	(1.010)	93104	25.0000	22
	49 Dibenzofuran	168	8.225	8.225	(1.027)	461849	10.0000	10
	50 2,4-Dinitrotoluene	165	8.225	8.225	(1.027)	115723	10.0000	10
	51 4-Nitrophenol	109	8.184	8.184	(1.022)	112213	25.0000	25
	52 Fluorene	166	8.585	8.585	(1.072)	371862	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.598	8.598	(1.074)	176086	10.0000	10
	54 Diethylphthalate	149	8.501	8.501	(1.062)	371565	10.0000	10
	55 4-Nitroaniline	138	8.619	8.619	(1.076)	90306	10.0000	10
$	56 2,4,6-Tribromophenol	330	8.840	8.840	(1.104)	122551	25.0000	24
*	57 Phenanthrene-d10	188	9.574	9.574	(1.000)	1224149	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.654	8.654	(0.904)	143858	25.0000	25
	59 N-Nitrosodiphenylamine (1)	169	8.725	8.725	(0.911)	264255	10.0000	10
	60 1,2-Diphenylhydrazine	77	8.766	8.766	(0.916)	422846	10.0000	10
	61 4-Bromophenyl-phenylether	248	9.111	9.111	(0.952)	94136	10.0000	10
	131 Atrazine	200	9.303	9.303	(0.972)	76407	10.0000	9
	62 Hexachlorobenzene	284	9.173	9.173	(0.958)	101089	10.0000	10
	63 Pentachlorophenol	266	9.387	9.387	(0.981)	126806	25.0000	23
	64 Phenanthrene	178	9.595	9.595	(1.002)	511804	10.0000	10
	65 Carbazole	167	9.825	9.825	(1.026)	467840	10.0000	10
	66 Anthracene	178	9.648	9.648	(1.008)	517982	10.0000	10
	67 Di-n-butylphthalate	149	10.220	10.220	(1.068)	595093	10.0000	10
	68 Fluoranthene	202	10.848	10.848	(1.133)	508705	10.0000	10
*	70 Chrysene-d12	240	12.433	12.433	(1.000)	1005936	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.000	11.000	(0.885)	94255	10.0000	12
72	Pyrene	202	11.084	11.084	(0.892)	520752	10.0000	10
$ 73	Terphenyl-d14	244	11.264	11.264	(0.906)	339107	10.0000	10
74	Butylbenzylphthalate	149	11.793	11.793	(0.949)	211188	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.768	11.768	(0.947)	73585	10.0000	10
75	3,3'-Dichlorobenzidine	252	12.396	12.396	(0.997)	117516	10.0000	10
76	Benzo(a)anthracene	228	12.418	12.418	(0.999)	417056	10.0000	10
77	Chrysene	228	12.464	12.464	(1.002)	401818	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.483	12.483	(1.004)	229257	10.0000	9
* 79	Perylene-d12	264	14.578	14.578	(1.000)	695840	20.0000	
80	Di-n-octylphthalate	149	13.381	13.381	(0.918)	238925	10.0000	9
81	Benzo(b)fluoranthene	252	13.937	13.937	(0.956)	304887	10.0000	9
82	Benzo(k)fluoranthene	252	13.981	13.981	(0.959)	318730	10.0000	9
83	Benzo(a)pyrene	252	14.469	14.469	(0.993)	236564	10.0000	9
84	Indeno(1,2,3-cd)pyrene	276	16.542	16.542	(1.135)	144149	10.0000	10
85	Dibenzo(a,h)anthracene	278	16.595	16.595	(1.138)	130866	10.0000	9(M)
86	Benzo(g,h,i)perylene	276	17.058	17.058	(1.170)	142014	10.0000	10
167	Simazine	201	9.269	9.269	(0.968)	49779	10.0000	10(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.090	7.090	(0.885)	69779	10.0000	10
109	2,3,4,6-Tetrachlorophenol	232	8.365	8.365	(1.045)	75093	10.0000	10
119	Pentachloronitrobenzene	237	9.400	9.400	(0.982)	41741	10.0000	10

QC Flag Legend

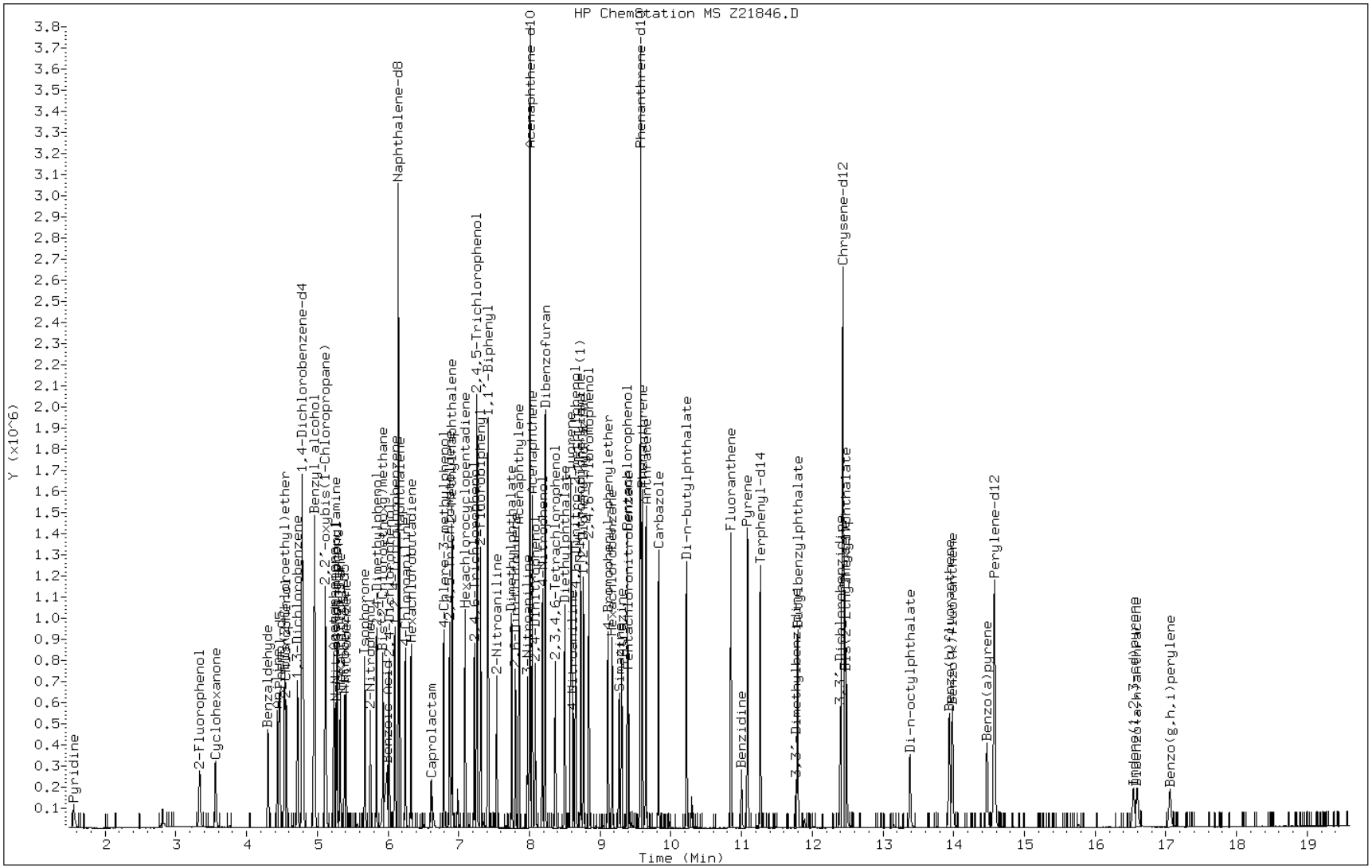
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21846.D

Date: 27-JUL-2011 08:58

Client ID: IC-635515 Instrument: msz.i

Sample Info: IC-635515 Operator: S.Jonas



Manual Integration Report

Data File: Z21846.D
Inj. Date and Time: 27-JUL-2011 08:58
Instrument ID: msz.i
Client ID: IC-635515
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

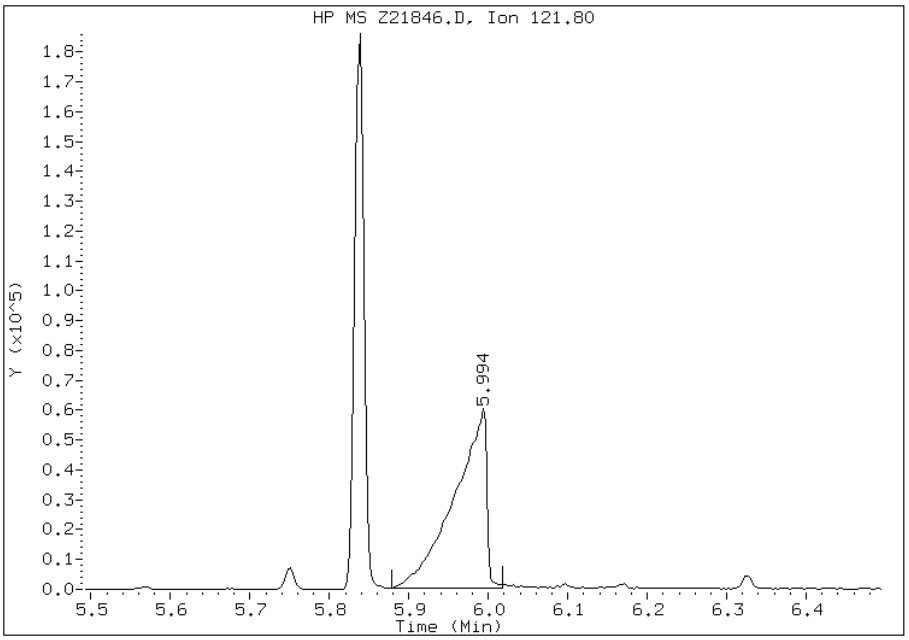
Processing Integration Results

RT: 5.99

Response: 169174

Amount: 25

Conc: 25



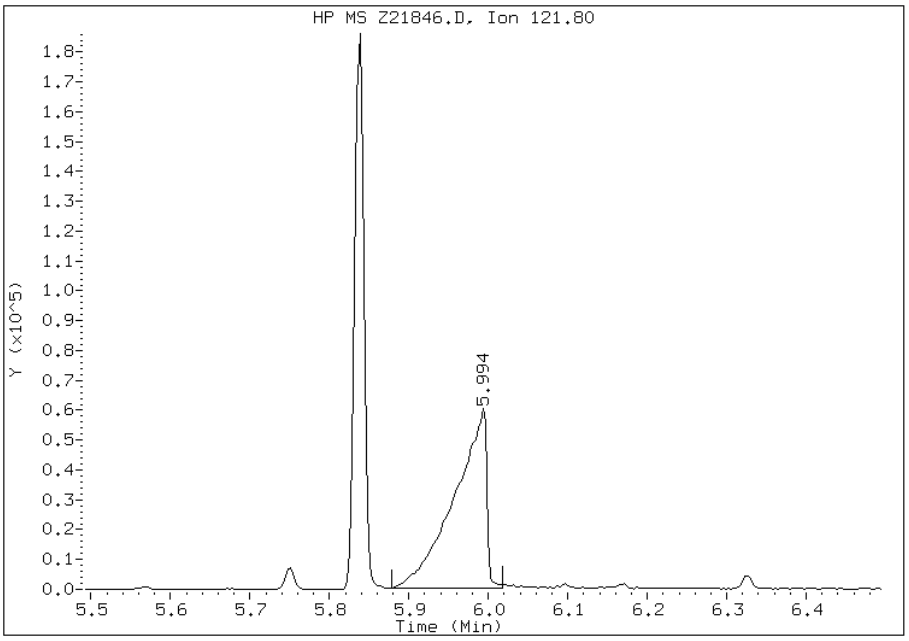
Manual Integration Results

RT: 5.99

Response: 169174

Amount: 27

Conc: 27



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21846.D
Inj. Date and Time: 27-JUL-2011 08:58
Instrument ID: msz.i
Client ID: IC-635515
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

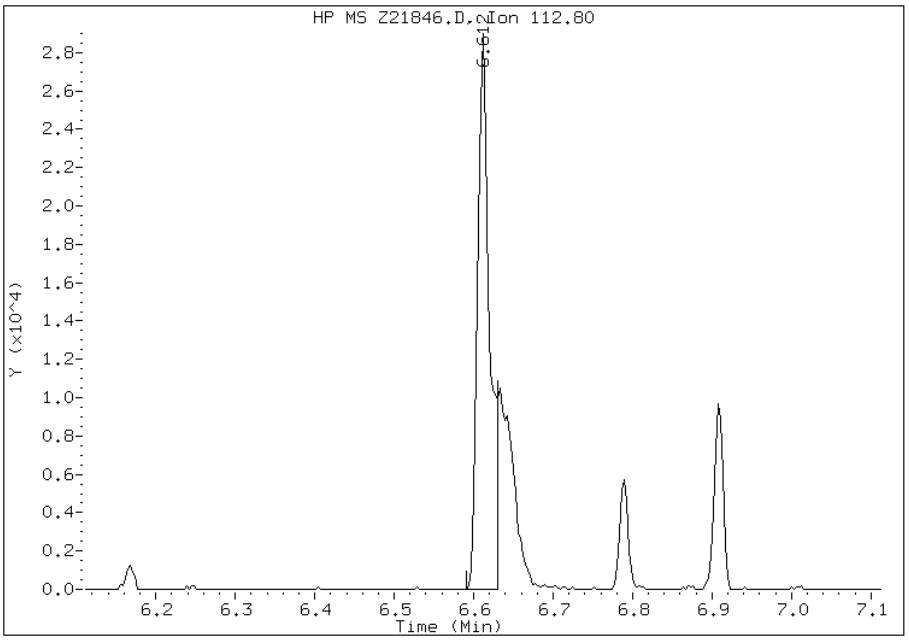
Processing Integration Results

RT: 6.61

Response: 32045

Amount: 8

Conc: 8



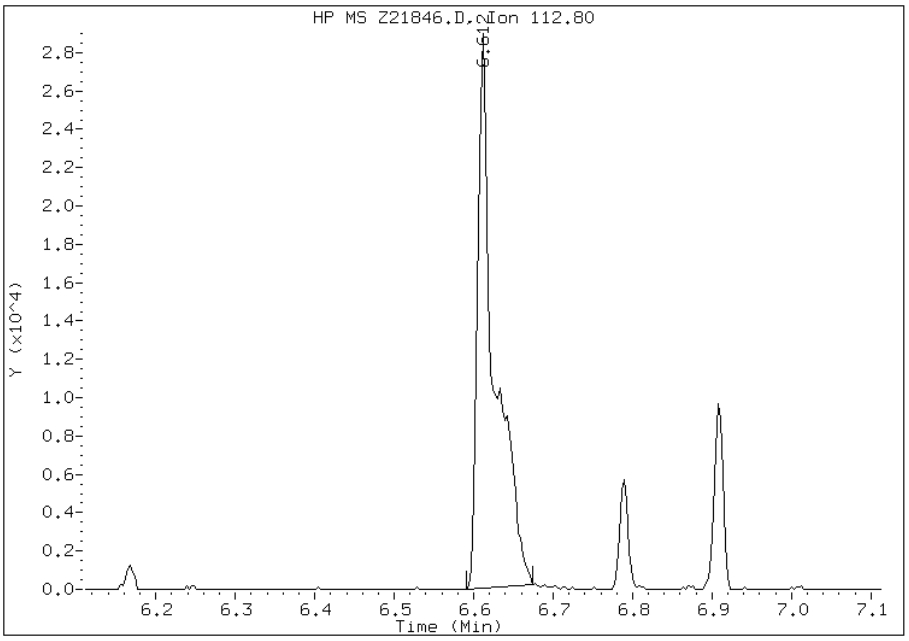
Manual Integration Results

RT: 6.61

Response: 44004

Amount: 10

Conc: 10



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21846.D
Inj. Date and Time: 27-JUL-2011 08:58
Instrument ID: msz.i
Client ID: IC-635515
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 07/27/2011

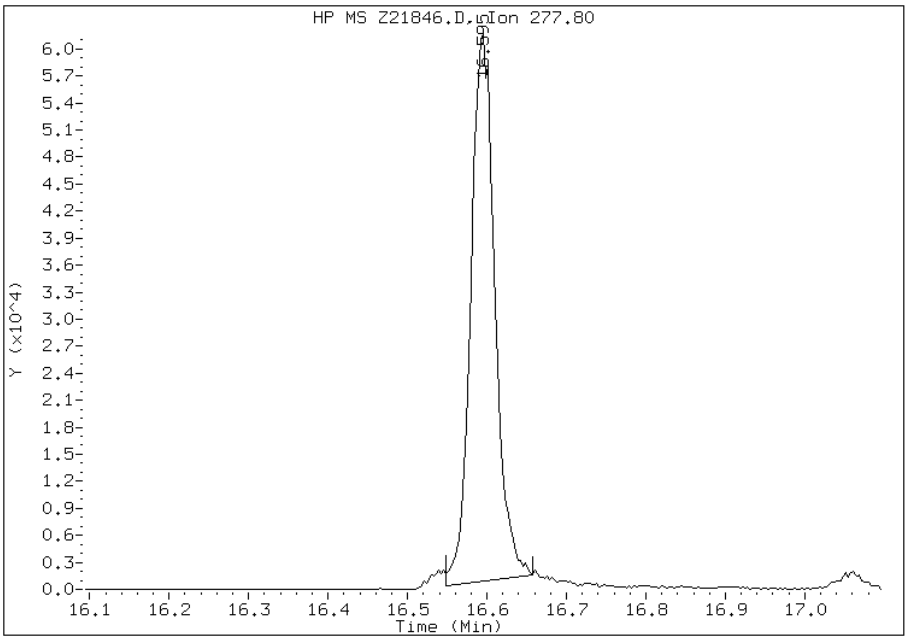
Processing Integration Results

RT: 16.60

Response: 130866

Amount: 9

Conc: 9



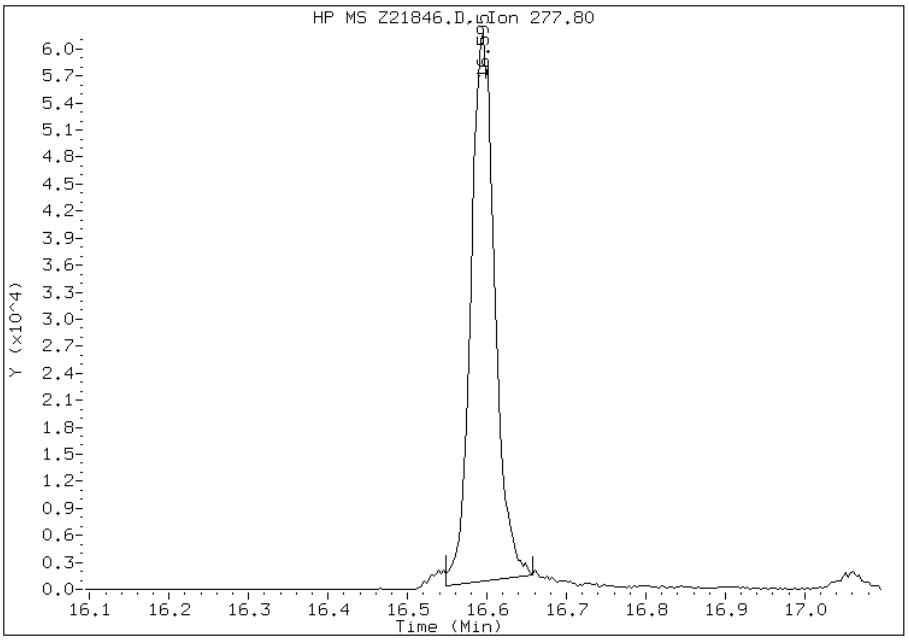
Manual Integration Results

RT: 16.60

Response: 130866

Amount: 9

Conc: 9



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21847.D
Lab Smp Id: IC-635516 Client Smp ID: IC-635516
Inj Date : 27-JUL-2011 09:27
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635516
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 09:27 Cal File: Z21847.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.787	4.787	(1.000)	271896	20.0000	
$ 2	2-Fluorophenol	112	3.336	3.336	(0.697)	252700	20.0000	20
$ 3	Phenol-d5	99	4.464	4.464	(0.932)	361358	20.0000	20
4	Pyridine	52	1.552	1.552	(0.324)	58922	20.0000	19(M)
5	N-Nitrosodimethylamine	42	1.542	1.542	(0.322)	48942	20.0000	20
6	Cyclohexanone	42	3.560	3.560	(0.744)	104455	20.0000	19
128	Benzaldehyde	77	4.306	4.306	(0.899)	162355	20.0000	24
7	Phenol	94	4.476	4.476	(0.935)	394491	20.0000	20
8	Aniline	93	4.439	4.439	(0.927)	403349	20.0000	19
9	bis(2-Chloroethyl)ether	63	4.539	4.539	(0.948)	226367	20.0000	20
10	2-Chlorophenol	128	4.567	4.567	(0.954)	327438	20.0000	20
11	1,3-Dichlorobenzene	146	4.722	4.722	(0.986)	371248	20.0000	20
12	1,4-Dichlorobenzene	146	4.806	4.806	(1.004)	377274	20.0000	20
13	Benzyl alcohol	108	4.971	4.971	(1.038)	200173	20.0000	20
14	1,2-Dichlorobenzene	146	4.968	4.968	(1.038)	352833	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.071)	404625	20.0000	20
16	2-Methylphenol	108	5.120	5.120	(1.069)	293693	20.0000	20
92	Acetophenone	105	5.241	5.241	(1.095)	438958	20.0000	20
17	Hexachloroethane	117	5.328	5.328	(1.113)	154746	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.263	5.263	(1.099)	241283	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.285	5.285	(1.104)	322974	20.0000	20
* 20	Naphthalene-d8	136	6.152	6.152	(1.000)	1233356	20.0000	
$ 21	Nitrobenzene-d5	82	5.390	5.390	(0.876)	348825	20.0000	20
22	Nitrobenzene	77	5.412	5.412	(0.880)	361770	20.0000	20
23	Isophorone	82	5.676	5.676	(0.923)	650798	20.0000	20
24	2-Nitrophenol	139	5.754	5.754	(0.935)	195924	20.0000	20
25	2,4-Dimethylphenol	122	5.844	5.844	(0.950)	286999	20.0000	20
26	Benzoic Acid	122	6.006	6.006	(0.976)	225865	30.0000	37(M)
27	Bis(2-Chloroethoxy)methane	93	5.934	5.934	(0.965)	412730	20.0000	20
28	2,4-Dichlorophenol	162	6.021	6.021	(0.979)	277890	20.0000	20
29	1,2,4-Trichlorobenzene	180	6.099	6.099	(0.991)	306068	20.0000	20
30	Naphthalene	128	6.170	6.170	(1.003)	1013525	20.0000	20
31	4-Chloroaniline	127	6.248	6.248	(1.016)	400860	20.0000	20
32	Hexachlorobutadiene	225	6.329	6.329	(1.029)	165487	20.0000	20
129	Caprolactam	113	6.637	6.637	(1.079)	89962	20.0000	21(M)
33	4-Chloro-3-methylphenol	107	6.795	6.795	(1.105)	303397	20.0000	20
34	2-Methylnaphthalene	142	6.913	6.913	(1.124)	681354	20.0000	20
* 35	Acenaphthene-d10	164	8.010	8.010	(1.000)	747882	20.0000	
36	2,4,5-Trichlorotoluene	159	6.876	6.876	(1.436)	271919	20.0000	20
37	Hexachlorocyclopentadiene	237	7.093	7.093	(0.886)	154522	20.0000	21
38	2,4,6-Trichlorophenol	196	7.224	7.224	(0.902)	196635	20.0000	20
39	2,4,5-Trichlorophenol	196	7.264	7.264	(0.907)	304826	30.0000	30
$ 40	2-Fluorobiphenyl	172	7.314	7.314	(0.913)	690346	20.0000	20
130	1,1'-Biphenyl	154	7.414	7.414	(0.925)	801364	20.0000	20
41	2-Chloronaphthalene	162	7.423	7.423	(0.927)	645565	20.0000	20
42	2-Nitroaniline	65	7.544	7.544	(0.942)	195412	20.0000	20
43	Acenaphthylene	152	7.858	7.858	(0.981)	1052015	20.0000	20
44	Dimethylphthalate	163	7.755	7.755	(0.968)	710340	20.0000	20
45	2,6-Dinitrotoluene	165	7.808	7.808	(0.975)	170209	20.0000	20
46	Acenaphthene	153	8.045	8.045	(1.004)	650028	20.0000	20
47	3-Nitroaniline	138	7.979	7.979	(0.996)	188754	20.0000	20
48	2,4-Dinitrophenol	184	8.088	8.088	(1.010)	121859	30.0000	28
49	Dibenzofuran	168	8.228	8.228	(1.027)	897090	20.0000	20
50	2,4-Dinitrotoluene	165	8.228	8.228	(1.027)	228467	20.0000	20
51	4-Nitrophenol	109	8.191	8.191	(1.023)	134130	30.0000	30
52	Fluorene	166	8.588	8.588	(1.072)	738385	20.0000	20
53	4-Chlorophenyl-phenylether	204	8.601	8.601	(1.074)	350503	20.0000	20
54	Diethylphthalate	149	8.505	8.505	(1.062)	727311	20.0000	20
55	4-Nitroaniline	138	8.629	8.629	(1.077)	183850	20.0000	20
$ 56	2,4,6-Tribromophenol	330	8.846	8.846	(1.104)	146663	30.0000	30
* 57	Phenanthrene-d10	188	9.577	9.577	(1.000)	1194895	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.660	8.660	(0.904)	179104	30.0000	31
59	N-Nitrosodiphenylamine (1)	169	8.731	8.731	(0.912)	524736	20.0000	20
60	1,2-Diphenylhydrazine	77	8.769	8.769	(0.916)	821790	20.0000	20
61	4-Bromophenyl-phenylether	248	9.114	9.114	(0.952)	189352	20.0000	20
131	Atrazine	200	9.313	9.313	(0.972)	146016	20.0000	18
62	Hexachlorobenzene	284	9.176	9.176	(0.958)	201978	20.0000	20
63	Pentachlorophenol	266	9.390	9.390	(0.981)	158350	30.0000	28
64	Phenanthrene	178	9.602	9.602	(1.003)	1012671	20.0000	20
65	Carbazole	167	9.832	9.832	(1.027)	933719	20.0000	20
66	Anthracene	178	9.655	9.655	(1.008)	1038129	20.0000	20
67	Di-n-butylphthalate	149	10.226	10.226	(1.068)	1202964	20.0000	20
68	Fluoranthene	202	10.854	10.854	(1.133)	1026069	20.0000	20
* 70	Chrysene-d12	240	12.439	12.439	(1.000)	998034	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.003	11.003	(0.885)	166094	20.0000	21
72	Pyrene	202	11.090	11.090	(0.892)	1041158	20.0000	20
$ 73	Terphenyl-d14	244	11.271	11.271	(0.906)	687470	20.0000	20
74	Butylbenzylphthalate	149	11.796	11.796	(0.948)	435034	20.0000	20
124	3,3'-Dimethylbenzidine	212	11.771	11.771	(0.946)	151712	20.0000	21
75	3,3'-Dichlorobenzidine	252	12.402	12.402	(0.997)	236603	20.0000	20
76	Benzo(a)anthracene	228	12.424	12.424	(0.999)	832328	20.0000	20
77	Chrysene	228	12.470	12.470	(1.002)	811180	20.0000	20
78	Bis(2-Ethylhexyl)phthalate	149	12.486	12.486	(1.004)	480131	20.0000	20
* 79	Perylene-d12	264	14.584	14.584	(1.000)	686395	20.0000	
80	Di-n-octylphthalate	149	13.387	13.387	(0.918)	530454	20.0000	18
81	Benzo(b)fluoranthene	252	13.947	13.947	(0.956)	618314	20.0000	19
82	Benzo(k)fluoranthene	252	13.990	13.990	(0.959)	641767	20.0000	19
83	Benzo(a)pyrene	252	14.481	14.481	(0.993)	486702	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.551	16.551	(1.135)	285404	20.0000	20
85	Dibenzo(a,h)anthracene	278	16.604	16.604	(1.139)	275603	20.0000	20
86	Benzo(g,h,i)perylene	276	17.074	17.074	(1.171)	283322	20.0000	20
167	Simazine	201	9.278	9.278	(0.969)	95159	20.0000	18(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.093	7.093	(0.886)	139648	25.0000	21
109	2,3,4,6-Tetrachlorophenol	232	8.371	8.371	(1.045)	150270	25.0000	21
119	Pentachloronitrobenzene	237	9.406	9.406	(0.982)	80763	25.0000	20

QC Flag Legend

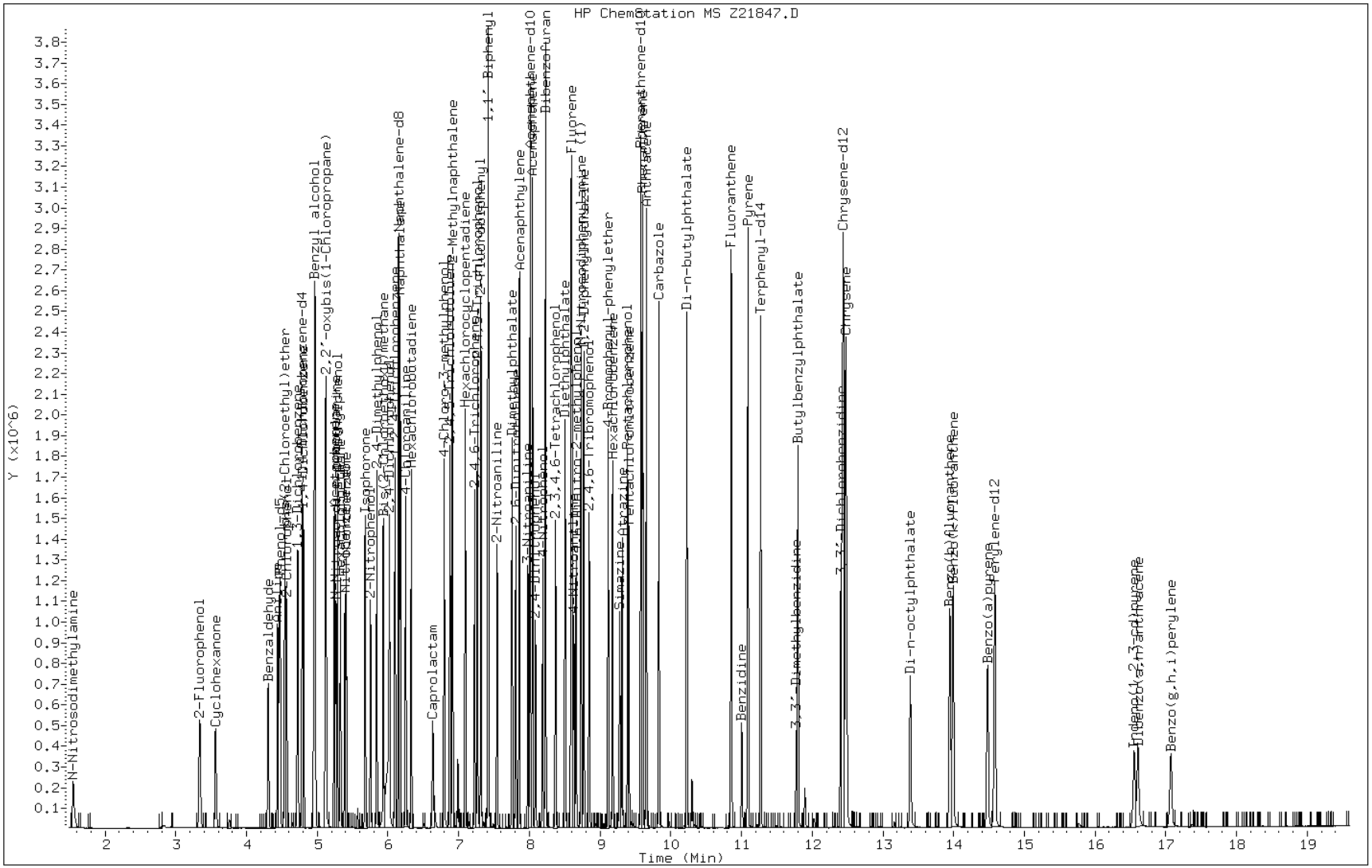
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21847.D

Date: 27-JUL-2011 09:27

Client ID: IC-635516 Instrument: msz.i

Sample Info: IC-635516 Operator: S.Jonas



Manual Integration Report

Data File: Z21847.D
Inj. Date and Time: 27-JUL-2011 09:27
Instrument ID: msz.i
Client ID: IC-635516
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

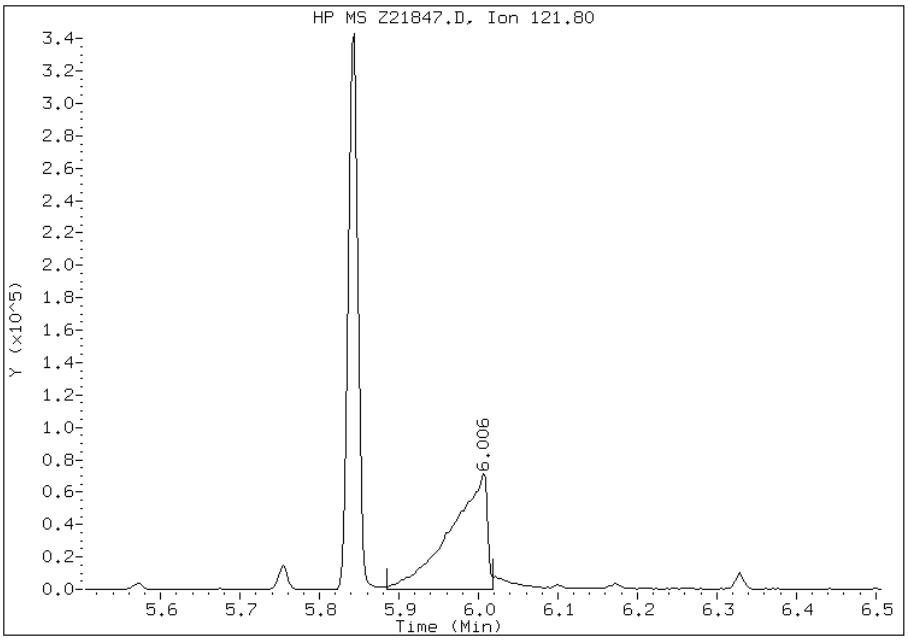
Processing Integration Results

RT: 6.01

Response: 226357

Amount: 37

Conc: 37



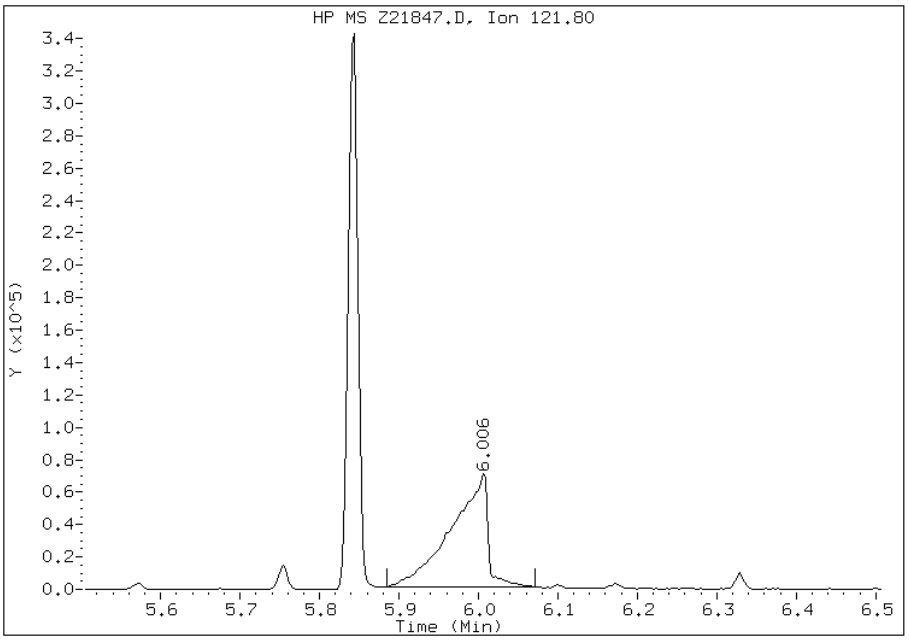
Manual Integration Results

RT: 6.01

Response: 225865

Amount: 37

Conc: 37



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21847.D
Inj. Date and Time: 27-JUL-2011 09:27
Instrument ID: msz.i
Client ID: IC-635516
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

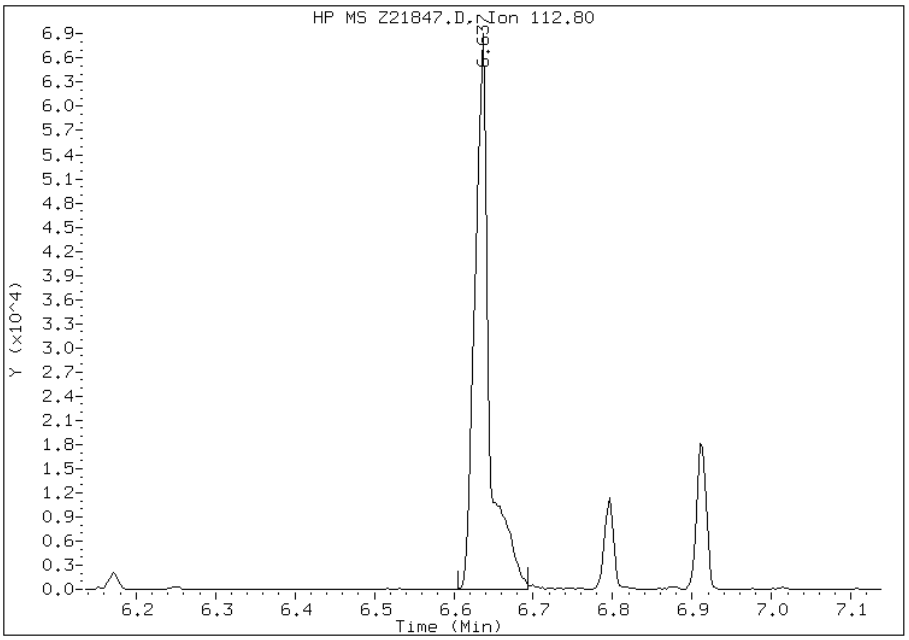
Processing Integration Results

RT: 6.64

Response: 89962

Amount: 21

Conc: 21



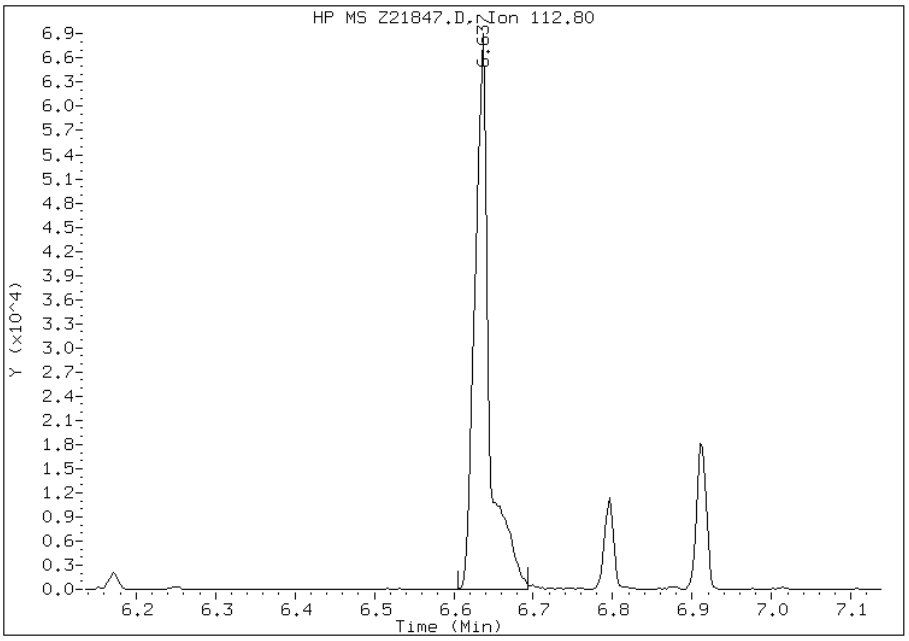
Manual Integration Results

RT: 6.64

Response: 89962

Amount: 21

Conc: 21



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21847.D
Inj. Date and Time: 27-JUL-2011 09:27
Instrument ID: msz.i
Client ID: IC-635516
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/27/2011

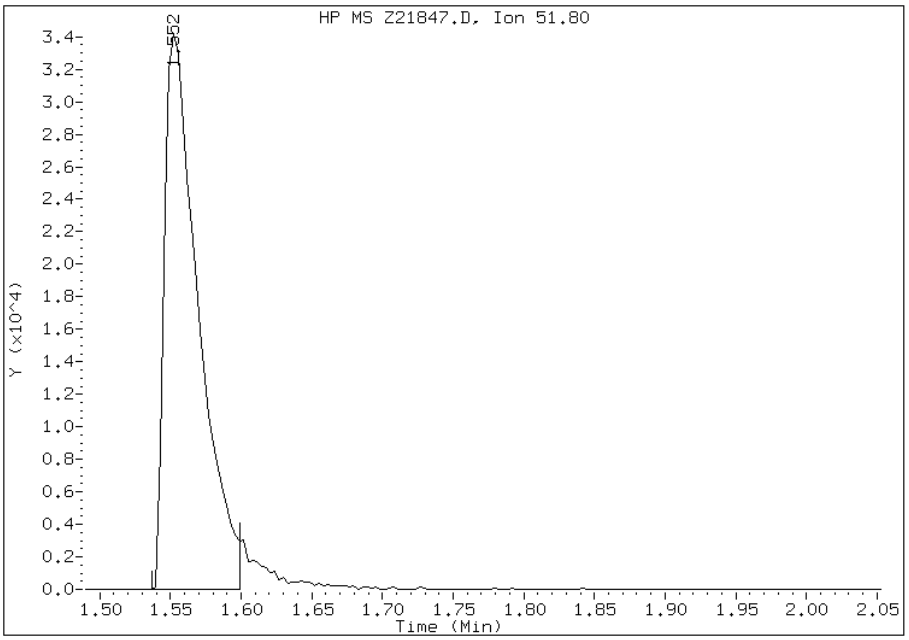
Processing Integration Results

RT: 1.55

Response: 57401

Amount: 21

Conc: 21



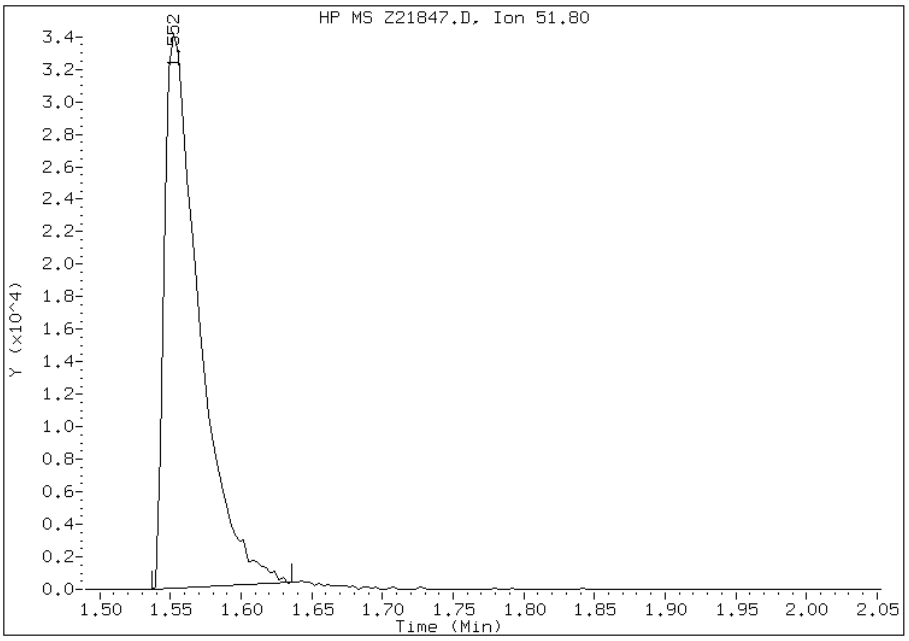
Manual Integration Results

RT: 1.55

Response: 58922

Amount: 19

Conc: 19



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21848.D
Lab Smp Id: IC-635517 Client Smp ID: IC-635517
Inj Date : 27-JUL-2011 09:55
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635517
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 09:55 Cal File: Z21848.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.790	4.790	(1.000)	254104	20.0000	
$ 2	2-Fluorophenol	112	3.345	3.345	(0.698)	716275	60.0000	61
$ 3	Phenol-d5	99	4.479	4.479	(0.935)	1002924	60.0000	59
4	Pyridine	52	1.555	1.555	(0.325)	179533	60.0000	62
5	N-Nitrosodimethylamine	42	1.545	1.545	(0.323)	138405	60.0000	61
6	Cyclohexanone	42	3.559	3.559	(0.743)	192061	60.0000	38
128	Benzaldehyde	77	4.305	4.305	(0.899)	248465	60.0000	40
7	Phenol	94	4.495	4.495	(0.938)	1036303	60.0000	57
8	Aniline	93	4.445	4.445	(0.928)	1109229	60.0000	56
9	bis(2-Chloroethyl)ether	63	4.548	4.548	(0.949)	618981	60.0000	57
10	2-Chlorophenol	128	4.573	4.573	(0.955)	905778	60.0000	59
11	1,3-Dichlorobenzene	146	4.725	4.725	(0.986)	1019289	60.0000	60
12	1,4-Dichlorobenzene	146	4.809	4.809	(1.004)	1035774	60.0000	59
13	Benzyl alcohol	108	4.980	4.980	(1.040)	536251	60.0000	58
14	1,2-Dichlorobenzene	146	4.971	4.971	(1.038)	928686	60.0000	57
15	2,2'-oxybis(1-Chloropropane)	45	5.123	5.123	(1.069)	1007934	60.0000	54
16	2-Methylphenol	108	5.132	5.132	(1.071)	779412	60.0000	58
92	Acetophenone	105	5.253	5.253	(1.097)	1234914	60.0000	60
17	Hexachloroethane	117	5.328	5.328	(1.112)	436665	60.0000	61
18	N-Nitroso-di-n-propylamine	70	5.278	5.278	(1.102)	672751	60.0000	60

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.300	5.300	(1.106)	871010	60.0000	59
* 20	Naphthalene-d8	136	6.152	6.152	(1.000)	1163481	20.0000	
$ 21	Nitrobenzene-d5	82	5.399	5.399	(0.878)	1002330	60.0000	60
22	Nitrobenzene	77	5.421	5.421	(0.881)	1008501	60.0000	59
23	Isophorone	82	5.692	5.692	(0.925)	1893337	60.0000	61
24	2-Nitrophenol	139	5.760	5.760	(0.936)	570742	60.0000	62
25	2,4-Dimethylphenol	122	5.853	5.853	(0.952)	838711	60.0000	63
26	Benzoic Acid	122	6.046	6.046	(0.983)	563596	60.0000	88(AM)
27	Bis(2-Chloroethoxy)methane	93	5.943	5.943	(0.966)	1161837	60.0000	60
28	2,4-Dichlorophenol	162	6.030	6.030	(0.980)	785175	60.0000	61
29	1,2,4-Trichlorobenzene	180	6.102	6.102	(0.992)	872286	60.0000	60
30	Naphthalene	128	6.176	6.176	(1.004)	2781741	60.0000	59
31	4-Chloroaniline	127	6.254	6.254	(1.017)	1101136	60.0000	60
32	Hexachlorobutadiene	225	6.332	6.332	(1.029)	476669	60.0000	61
129	Caprolactam	113	6.696	6.696	(1.088)	279236	60.0000	68(M)
33	4-Chloro-3-methylphenol	107	6.811	6.811	(1.107)	876033	60.0000	63
34	2-Methylnaphthalene	142	6.919	6.919	(1.125)	1890206	60.0000	60
* 35	Acenaphthene-d10	164	8.013	8.013	(1.000)	695870	20.0000	
36	2,4,5-Trichlorotoluene	159	6.882	6.882	(1.437)	793636	60.0000	62
37	Hexachlorocyclopentadiene	237	7.096	7.096	(0.886)	455673	60.0000	68
38	2,4,6-Trichlorophenol	196	7.233	7.233	(0.903)	585138	60.0000	64
39	2,4,5-Trichlorophenol	196	7.274	7.274	(0.908)	616352	60.0000	64
$ 40	2-Fluorobiphenyl	172	7.320	7.320	(0.914)	1990210	60.0000	61
130	1,1'-Biphenyl	154	7.420	7.420	(0.926)	2098904	60.0000	58
41	2-Chloronaphthalene	162	7.432	7.432	(0.927)	1724387	60.0000	58
42	2-Nitroaniline	65	7.553	7.553	(0.943)	562313	60.0000	62
43	Acenaphthylene	152	7.864	7.864	(0.981)	3005281	60.0000	61
44	Dimethylphthalate	163	7.768	7.768	(0.969)	2081480	60.0000	63
45	2,6-Dinitrotoluene	165	7.821	7.821	(0.976)	507960	60.0000	64
46	Acenaphthene	153	8.051	8.051	(1.005)	1860534	60.0000	62
47	3-Nitroaniline	138	7.995	7.995	(0.998)	553792	60.0000	64
48	2,4-Dinitrophenol	184	8.100	8.100	(1.011)	302577	60.0000	61
49	Dibenzofuran	168	8.234	8.234	(1.028)	2520083	60.0000	60
50	2,4-Dinitrotoluene	165	8.243	8.243	(1.029)	651995	60.0000	62
51	4-Nitrophenol	109	8.203	8.203	(1.024)	281197	60.0000	68
52	Fluorene	166	8.598	8.598	(1.073)	2053929	60.0000	61
53	4-Chlorophenyl-phenylether	204	8.607	8.607	(1.074)	990821	60.0000	62
54	Diethylphthalate	149	8.514	8.514	(1.062)	2120323	60.0000	62
55	4-Nitroaniline	138	8.651	8.651	(1.080)	535965	60.0000	64
$ 56	2,4,6-Tribromophenol	330	8.853	8.853	(1.105)	302048	60.0000	67
* 57	Phenanthrene-d10	188	9.580	9.580	(1.000)	1122807	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.675	8.675	(0.906)	398142	60.0000	74
59	N-Nitrosodiphenylamine (1)	169	8.741	8.741	(0.912)	1550305	60.0000	63
60	1,2-Diphenylhydrazine	77	8.775	8.775	(0.916)	2292622	60.0000	59
61	4-Bromophenyl-phenylether	248	9.120	9.120	(0.952)	575806	60.0000	64
131	Atrazine	200	9.328	9.328	(0.974)	518178	60.0000	68
62	Hexachlorobenzene	284	9.185	9.185	(0.959)	613385	60.0000	63
63	Pentachlorophenol	266	9.396	9.396	(0.981)	370949	60.0000	60
64	Phenanthrene	178	9.608	9.608	(1.003)	2969986	60.0000	62
65	Carbazole	167	9.841	9.841	(1.027)	2729815	60.0000	62
66	Anthracene	178	9.664	9.664	(1.009)	3025268	60.0000	62
67	Di-n-butylphthalate	149	10.229	10.229	(1.068)	3513958	60.0000	64
68	Fluoranthene	202	10.863	10.863	(1.134)	3061110	60.0000	64
* 70	Chrysene-d12	240	12.446	12.446	(1.000)	953605	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.006	11.006	(0.884)	376276	60.0000	49
72	Pyrene	202	11.100	11.100	(0.892)	3098816	60.0000	62
$ 73	Terphenyl-d14	244	11.274	11.274	(0.906)	2051558	60.0000	62
74	Butylbenzylphthalate	149	11.799	11.799	(0.948)	1334103	60.0000	65
124	3,3'-Dimethylbenzidine	212	11.774	11.774	(0.946)	379187	60.0000	56
75	3,3'-Dichlorobenzidine	252	12.411	12.411	(0.997)	706070	60.0000	64
76	Benzo(a)anthracene	228	12.430	12.430	(0.999)	2527276	60.0000	62
77	Chrysene	228	12.483	12.483	(1.003)	2429097	60.0000	63
78	Bis(2-Ethylhexyl)phthalate	149	12.489	12.489	(1.003)	1518998	60.0000	66
* 79	Perylene-d12	264	14.581	14.581	(1.000)	567729	20.0000	
80	Di-n-octylphthalate	149	13.390	13.390	(0.918)	1826876	60.0000	60
81	Benzo(b)fluoranthene	252	13.959	13.959	(0.957)	1782908	60.0000	67
82	Benzo(k)fluoranthene	252	14.006	14.006	(0.961)	1863510	60.0000	67
83	Benzo(a)pyrene	252	14.491	14.491	(0.994)	1345719	60.0000	66
84	Indeno(1,2,3-cd)pyrene	276	16.561	16.561	(1.136)	703161	60.0000	60
85	Dibenzo(a,h)anthracene	278	16.617	16.617	(1.140)	738337	60.0000	65
86	Benzo(g,h,i)perylene	276	17.086	17.086	(1.172)	693022	60.0000	59
167	Simazine	201	9.303	9.303	(0.971)	319439	60.0000	65
103	1,2,4,5-Tetrachlorobenzene	216	7.100	7.100	(0.886)	399350	60.0000	65
109	2,3,4,6-Tetrachlorophenol	232	8.377	8.377	(1.045)	459278	60.0000	70
119	Pentachloronitrobenzene	237	9.412	9.412	(0.982)	239667	60.0000	65

QC Flag Legend

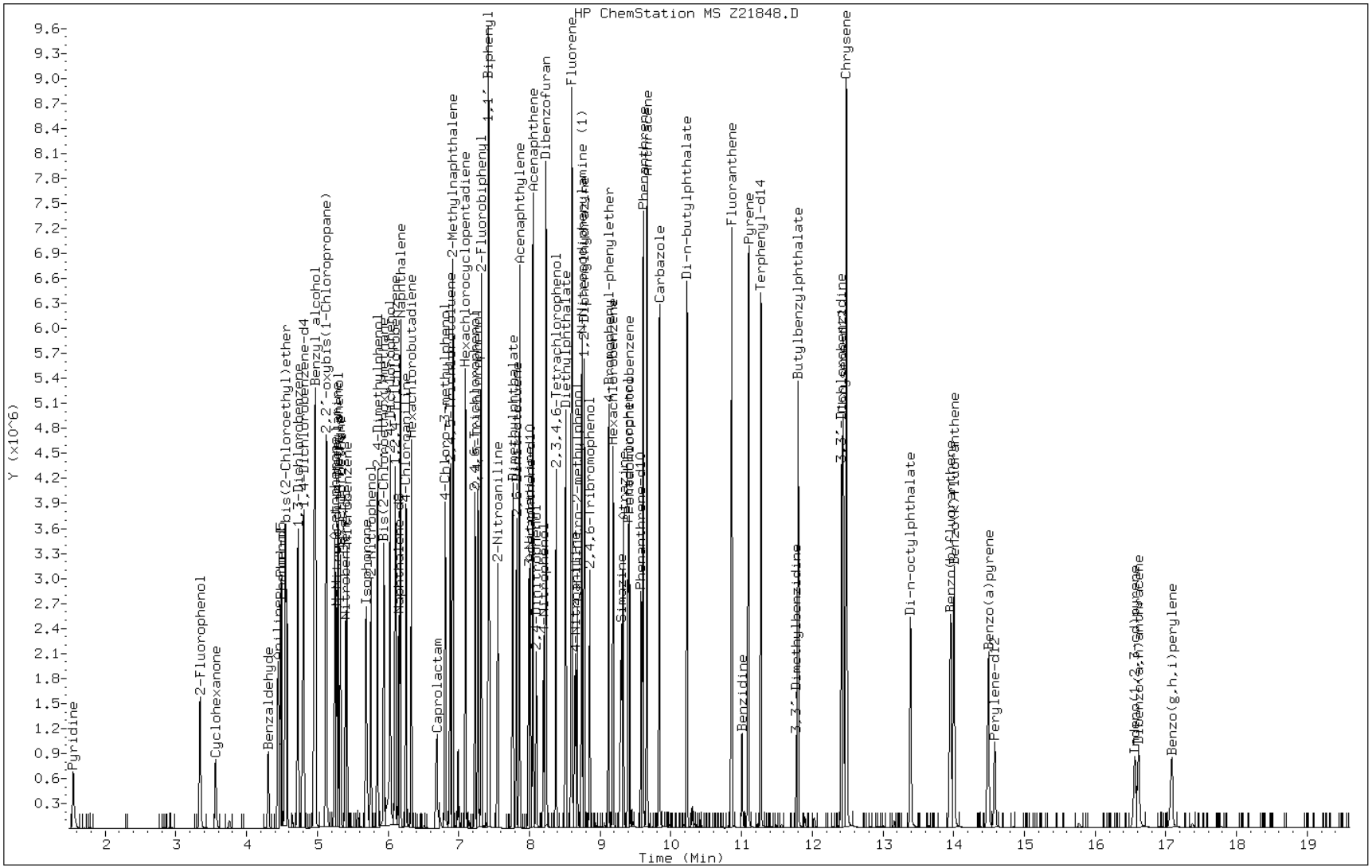
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: Z21848.D

Date: 27-JUL-2011 09:55

Client ID: IC-635517 Instrument: msz.i

Sample Info: IC-635517 Operator: S.Jonas



Manual Integration Report

Data File: Z21848.D
Inj. Date and Time: 27-JUL-2011 09:55
Instrument ID: msz.i
Client ID: IC-635517
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

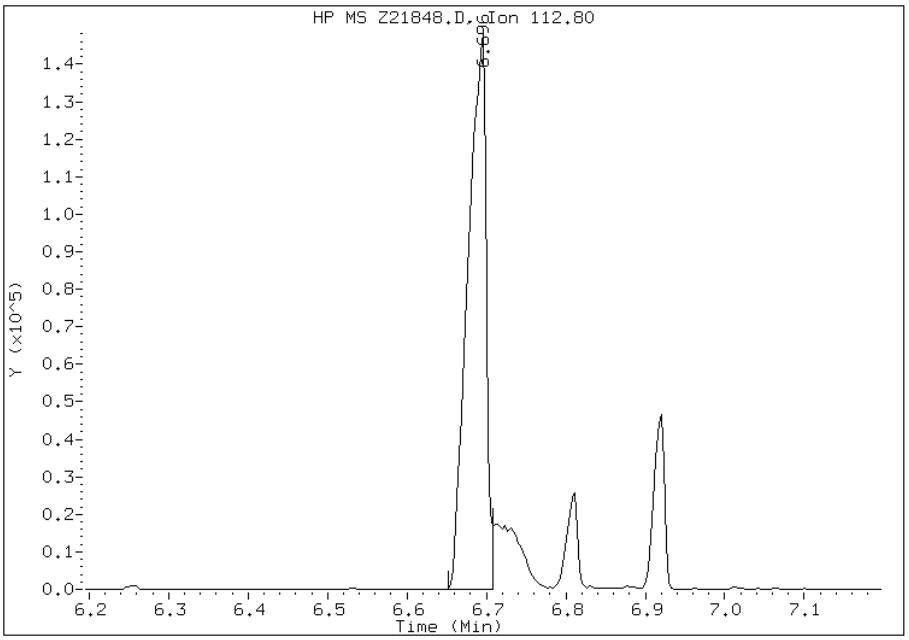
Processing Integration Results

RT: 6.70

Response: 241921

Amount: 61

Conc: 61



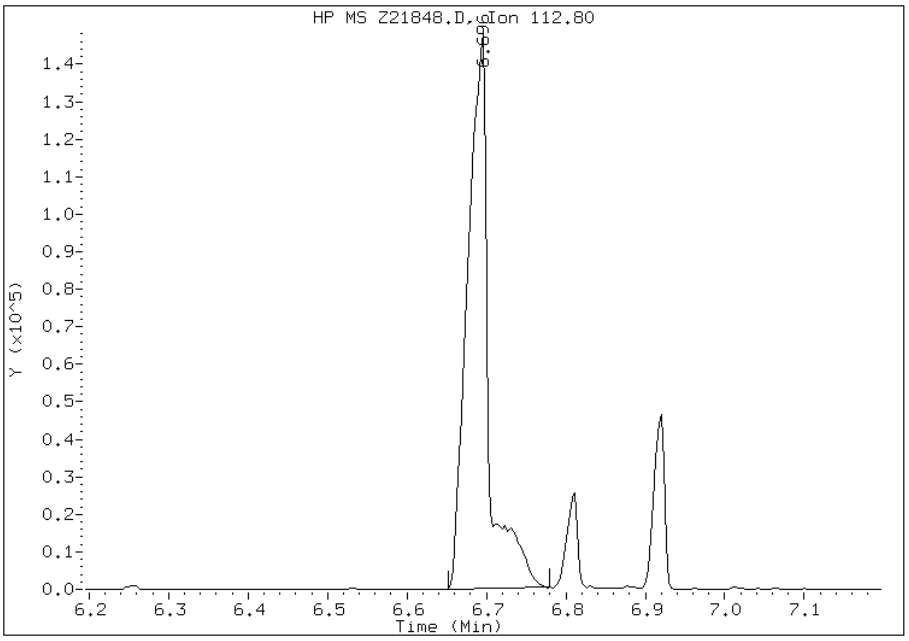
Manual Integration Results

RT: 6.70

Response: 279236

Amount: 68

Conc: 68



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21848.D
Inj. Date and Time: 27-JUL-2011 09:55
Instrument ID: msz.i
Client ID: IC-635517
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

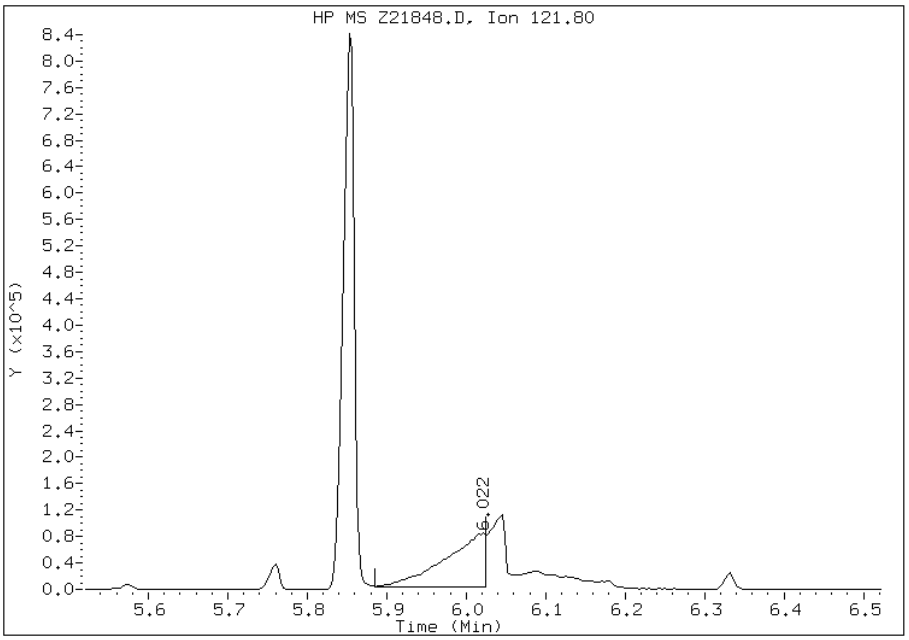
Processing Integration Results

RT: 6.02

Response: 287326

Amount: 47

Conc: 47



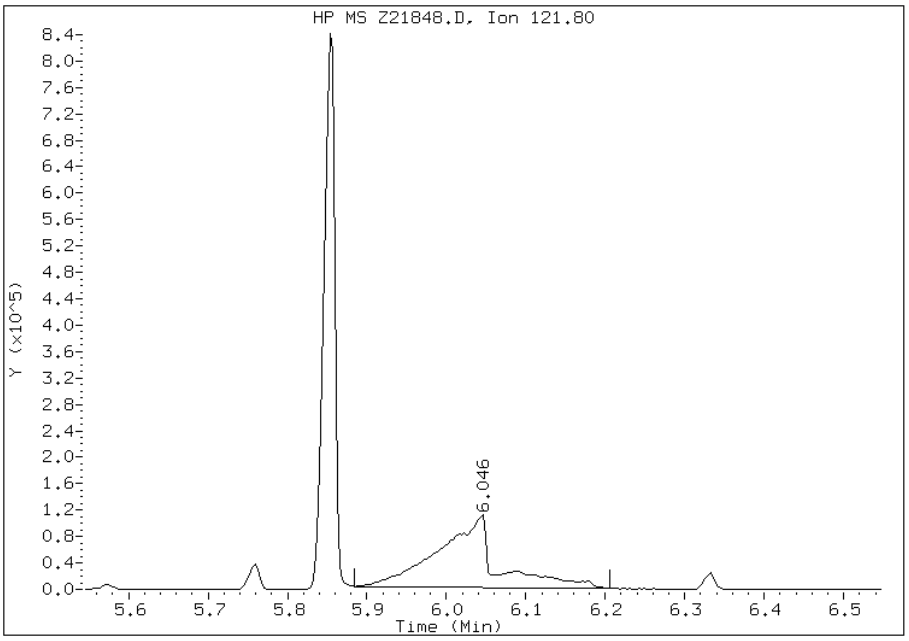
Manual Integration Results

RT: 6.05

Response: 563596

Amount: 88

Conc: 88



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21849.D
Lab Smp Id: IC-635518 Client Smp ID: IC-635518
Inj Date : 27-JUL-2011 10:24
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635518
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 10:24 Cal File: Z21849.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.790	4.790	(1.000)	256208	20.0000	
$ 2	2-Fluorophenol	112	3.345	3.345	(0.698)	952492	80.0000	80(A)
$ 3	Phenol-d5	99	4.486	4.486	(0.936)	1317214	80.0000	77
4	Pyridine	52	1.555	1.555	(0.325)	242384	80.0000	83(A)
5	N-Nitrosodimethylamine	42	1.549	1.549	(0.323)	186675	80.0000	81(A)
6	Cyclohexanone	42	3.563	3.563	(0.744)	204274	80.0000	40
128	Benzaldehyde	77	4.305	4.305	(0.899)	270799	80.0000	43
7	Phenol	94	4.501	4.501	(0.940)	1350905	80.0000	74
8	Aniline	93	4.445	4.445	(0.928)	1470491	80.0000	74
9	bis(2-Chloroethyl)ether	63	4.548	4.548	(0.949)	823168	80.0000	76
10	2-Chlorophenol	128	4.576	4.576	(0.955)	1183681	80.0000	76
11	1,3-Dichlorobenzene	146	4.728	4.728	(0.987)	1350267	80.0000	78
12	1,4-Dichlorobenzene	146	4.809	4.809	(1.004)	1368059	80.0000	78
13	Benzyl alcohol	108	4.989	4.989	(1.042)	682491	80.0000	74
14	1,2-Dichlorobenzene	146	4.974	4.974	(1.038)	1201276	80.0000	74
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.070)	1282444	80.0000	68
16	2-Methylphenol	108	5.138	5.138	(1.073)	997844	80.0000	73
92	Acetophenone	105	5.260	5.260	(1.098)	1646322	80.0000	80
17	Hexachloroethane	117	5.328	5.328	(1.112)	570365	80.0000	79
18	N-Nitroso-di-n-propylamine	70	5.284	5.284	(1.103)	861015	80.0000	77

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.306	5.306	(1.108)	1104674	80.0000	74
* 20	Naphthalene-d8	136	6.155	6.155	(1.000)	1183820	20.0000	
$ 21	Nitrobenzene-d5	82	5.406	5.406	(0.878)	1339745	80.0000	79
22	Nitrobenzene	77	5.427	5.427	(0.882)	1326639	80.0000	76
23	Isophorone	82	5.695	5.695	(0.925)	2545719	80.0000	81(A)
24	2-Nitrophenol	139	5.763	5.763	(0.936)	760825	80.0000	81(A)
25	2,4-Dimethylphenol	122	5.859	5.859	(0.952)	1089467	80.0000	80(A)
26	Benzoic Acid	122	6.071	6.071	(0.986)	757406	80.0000	100(AM)
27	Bis(2-Chloroethoxy)methane	93	5.947	5.947	(0.966)	1519217	80.0000	77
28	2,4-Dichlorophenol	162	6.037	6.037	(0.981)	1030005	80.0000	79
29	1,2,4-Trichlorobenzene	180	6.105	6.105	(0.992)	1159624	80.0000	79
30	Naphthalene	128	6.180	6.180	(1.004)	3581424	80.0000	74
31	4-Chloroaniline	127	6.260	6.260	(1.017)	1402085	80.0000	75
32	Hexachlorobutadiene	225	6.332	6.332	(1.029)	640442	80.0000	80(A)
129	Caprolactam	113	6.717	6.717	(1.091)	375907	80.0000	89(AM)
33	4-Chloro-3-methylphenol	107	6.817	6.817	(1.108)	1144151	80.0000	81(A)
34	2-Methylnaphthalene	142	6.922	6.922	(1.125)	2426966	80.0000	76
* 35	Acenaphthene-d10	164	8.013	8.013	(1.000)	706765	20.0000	
36	2,4,5-Trichlorotoluene	159	6.882	6.882	(1.437)	1065044	80.0000	82(A)
37	Hexachlorocyclopentadiene	237	7.097	7.097	(0.886)	571706	80.0000	84(A)
38	2,4,6-Trichlorophenol	196	7.236	7.236	(0.903)	772050	80.0000	83(A)
39	2,4,5-Trichlorophenol	196	7.280	7.280	(0.908)	808347	80.0000	83(A)
$ 40	2-Fluorobiphenyl	172	7.323	7.323	(0.914)	2590969	80.0000	78
130	1,1'-Biphenyl	154	7.423	7.423	(0.926)	2543428	80.0000	69
41	2-Chloronaphthalene	162	7.435	7.435	(0.928)	2164559	80.0000	72
42	2-Nitroaniline	65	7.560	7.560	(0.943)	737041	80.0000	80(A)
43	Acenaphthylene	152	7.867	7.867	(0.982)	3891397	80.0000	78
44	Dimethylphthalate	163	7.771	7.771	(0.970)	2735334	80.0000	81(A)
45	2,6-Dinitrotoluene	165	7.827	7.827	(0.977)	676377	80.0000	85(A)
46	Acenaphthene	153	8.054	8.054	(1.005)	2385447	80.0000	78
47	3-Nitroaniline	138	8.001	8.001	(0.998)	723631	80.0000	82(A)
48	2,4-Dinitrophenol	184	8.104	8.104	(1.011)	417566	80.0000	80(A)
49	Dibenzofuran	168	8.237	8.237	(1.028)	3258496	80.0000	77
50	2,4-Dinitrotoluene	165	8.250	8.250	(1.029)	854707	80.0000	80(A)
51	4-Nitrophenol	109	8.212	8.212	(1.025)	372166	80.0000	88(A)
52	Fluorene	166	8.598	8.598	(1.073)	2548583	80.0000	74
53	4-Chlorophenyl-phenylether	204	8.610	8.610	(1.074)	1243004	80.0000	76
54	Diethylphthalate	149	8.520	8.520	(1.063)	2782905	80.0000	81(A)
55	4-Nitroaniline	138	8.663	8.663	(1.081)	693019	80.0000	82(A)
$ 56	2,4,6-Tribromophenol	330	8.859	8.859	(1.105)	403546	80.0000	88(A)
* 57	Phenanthrene-d10	188	9.583	9.583	(1.000)	1120585	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.685	8.685	(0.906)	538492	80.0000	100(A)
59	N-Nitrosodiphenylamine (1)	169	8.747	8.747	(0.913)	2029200	80.0000	82(A)
60	1,2-Diphenylhydrazine	77	8.778	8.778	(0.916)	2941636	80.0000	76
61	4-Bromophenyl-phenylether	248	9.123	9.123	(0.952)	771306	80.0000	86(A)
131	Atrazine	200	9.337	9.337	(0.974)	700896	80.0000	91(A)
62	Hexachlorobenzene	284	9.188	9.188	(0.959)	814294	80.0000	84(A)
63	Pentachlorophenol	266	9.400	9.400	(0.981)	505896	80.0000	80(A)
64	Phenanthrene	178	9.614	9.614	(1.003)	3833657	80.0000	80(A)
65	Carbazole	167	9.844	9.844	(1.027)	3518218	80.0000	80(A)
66	Anthracene	178	9.667	9.667	(1.009)	3914401	80.0000	81(A)
67	Di-n-butylphthalate	149	10.233	10.233	(1.068)	4513926	80.0000	82(A)
68	Fluoranthene	202	10.867	10.867	(1.134)	3991601	80.0000	83(A)
* 70	Chrysene-d12	240	12.449	12.449	(1.000)	939296	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.007	11.007	(0.884)	406794	80.0000	54
72	Pyrene	202	11.103	11.103	(0.892)	4048310	80.0000	82(A)
$ 73	Terphenyl-d14	244	11.277	11.277	(0.906)	2688917	80.0000	83(A)
74	Butylbenzylphthalate	149	11.802	11.802	(0.948)	1759819	80.0000	87(A)
124	3,3'-Dimethylbenzidine	212	11.774	11.774	(0.946)	399248	80.0000	60
75	3,3'-Dichlorobenzidine	252	12.414	12.414	(0.997)	879226	80.0000	80(A)
76	Benzo(a)anthracene	228	12.433	12.433	(0.999)	3288745	80.0000	83(A)
77	Chrysene	228	12.486	12.486	(1.003)	3088325	80.0000	81(A)
78	Bis(2-Ethylhexyl)phthalate	149	12.489	12.489	(1.003)	1954324	80.0000	87(A)
* 79	Perylene-d12	264	14.584	14.584	(1.000)	497182	20.0000	
80	Di-n-octylphthalate	149	13.390	13.390	(0.918)	2451940	80.0000	80
81	Benzo(b)fluoranthene	252	13.962	13.962	(0.957)	2146529	80.0000	92(A)
82	Benzo(k)fluoranthene	252	14.012	14.012	(0.961)	2208082	80.0000	91(A)
83	Benzo(a)pyrene	252	14.494	14.494	(0.994)	1577654	80.0000	88(A)
84	Indeno(1,2,3-cd)pyrene	276	16.567	16.567	(1.136)	892670	80.0000	86(A)
85	Dibenzo(a,h)anthracene	278	16.620	16.620	(1.140)	916479	80.0000	92(A)
86	Benzo(g,h,i)perylene	276	17.092	17.092	(1.172)	894608	80.0000	87(A)
167	Simazine	201	9.313	9.313	(0.972)	441759	80.0000	90(A)
103	1,2,4,5-Tetrachlorobenzene	216	7.100	7.100	(0.886)	523587	80.0000	84(A)
109	2,3,4,6-Tetrachlorophenol	232	8.380	8.380	(1.046)	611670	80.0000	92(A)
119	Pentachloronitrobenzene	237	9.415	9.415	(0.982)	316236	80.0000	86(A)

QC Flag Legend

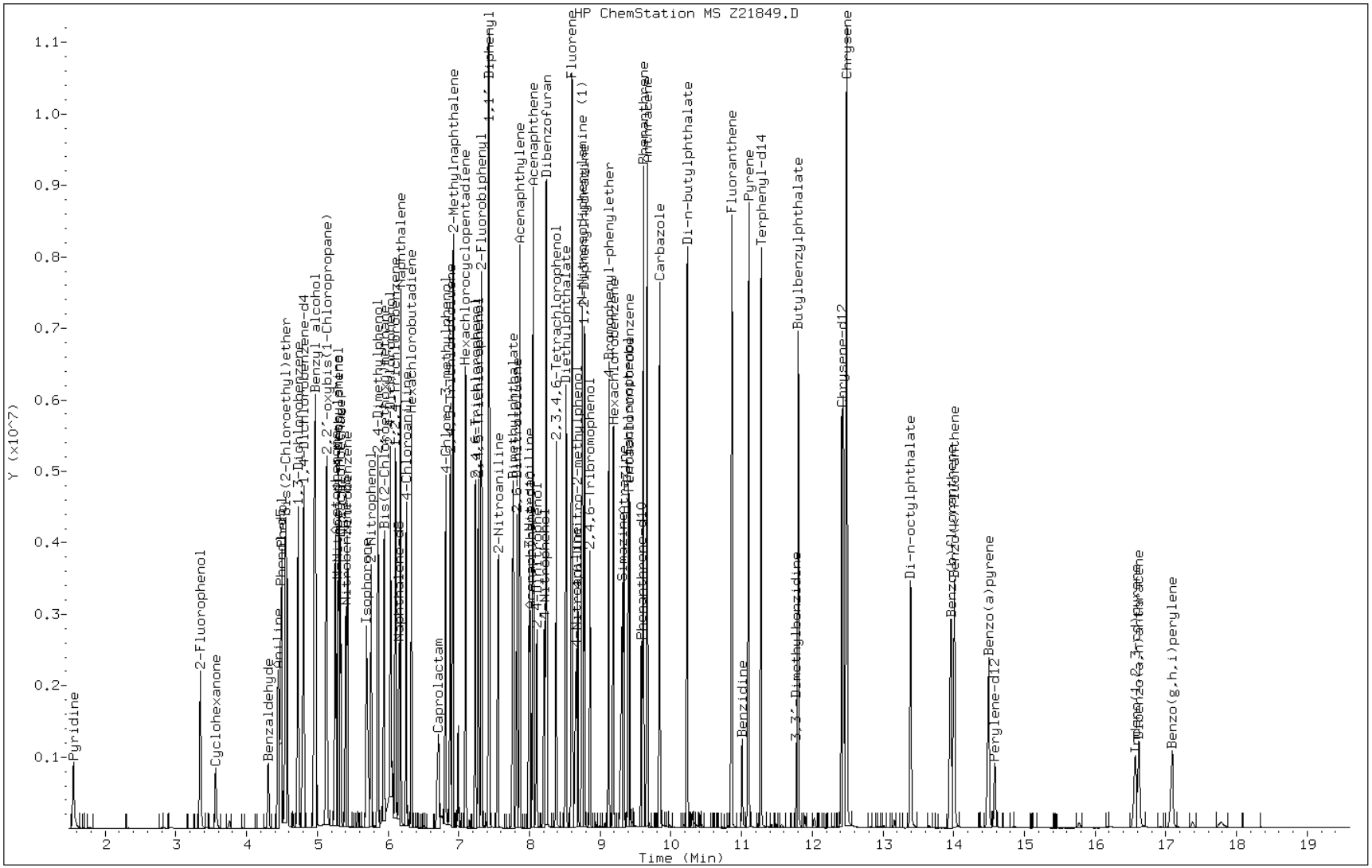
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: Z21849.D

Date: 27-JUL-2011 10:24

Client ID: IC-635518 Instrument: msz.i

Sample Info: IC-635518 Operator: S.Jonas



Manual Integration Report

Data File: Z21849.D
Inj. Date and Time: 27-JUL-2011 10:24
Instrument ID: msz.i
Client ID: IC-635518
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

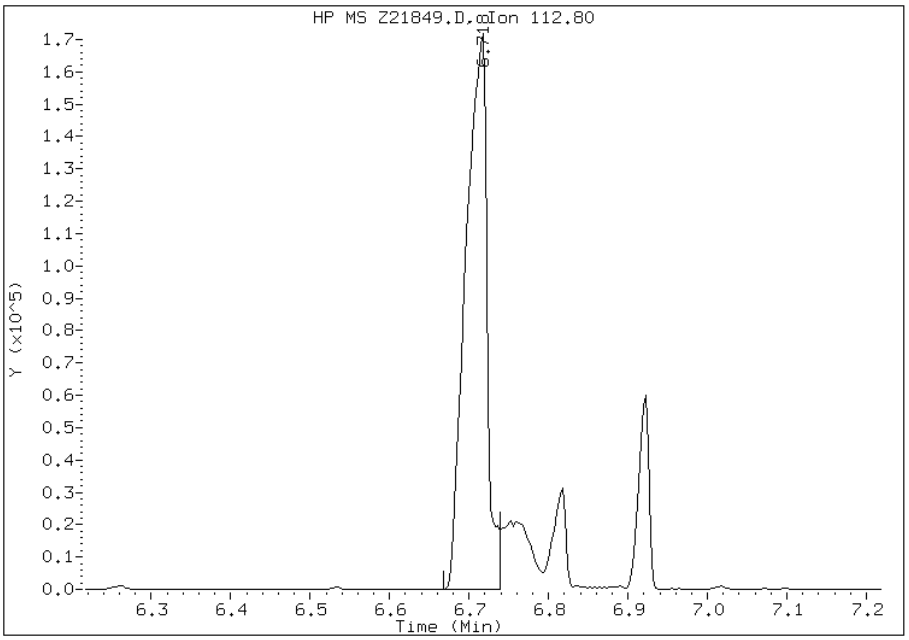
Processing Integration Results

RT: 6.72

Response: 326118

Amount: 79

Conc: 79



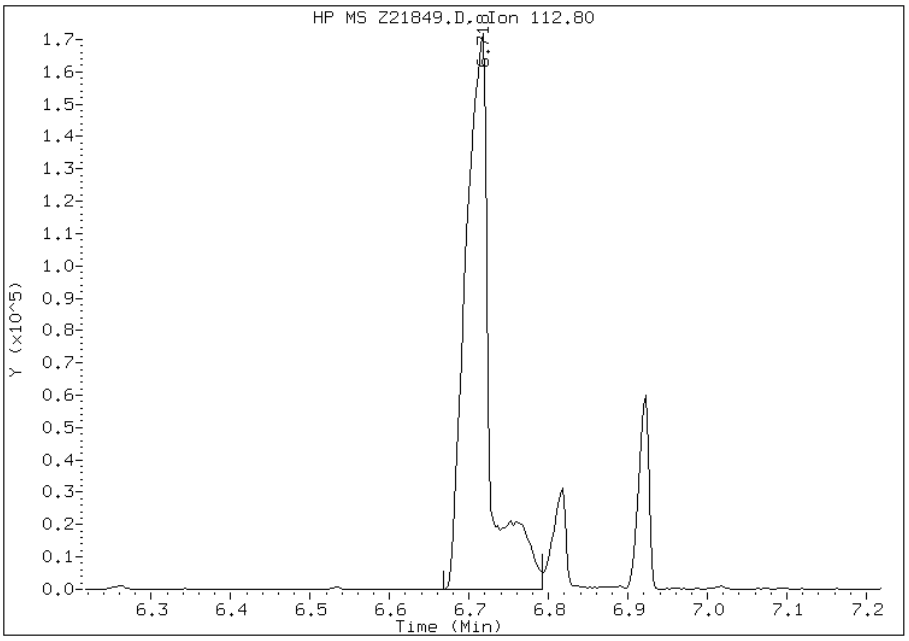
Manual Integration Results

RT: 6.72

Response: 375907

Amount: 89

Conc: 89



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21849.D
Inj. Date and Time: 27-JUL-2011 10:24
Instrument ID: msz.i
Client ID: IC-635518
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

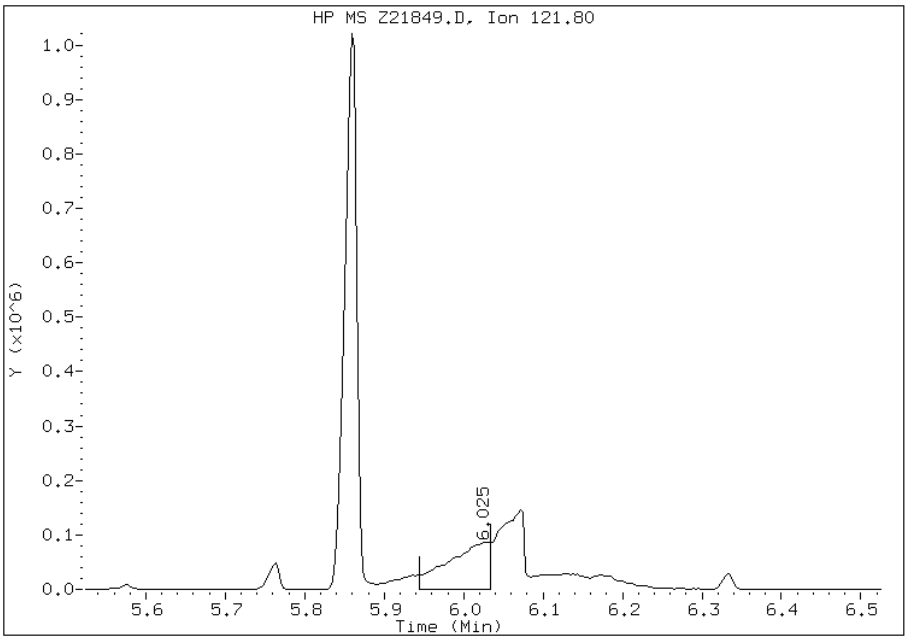
Processing Integration Results

RT: 6.02

Response: 322320

Amount: 55

Conc: 55



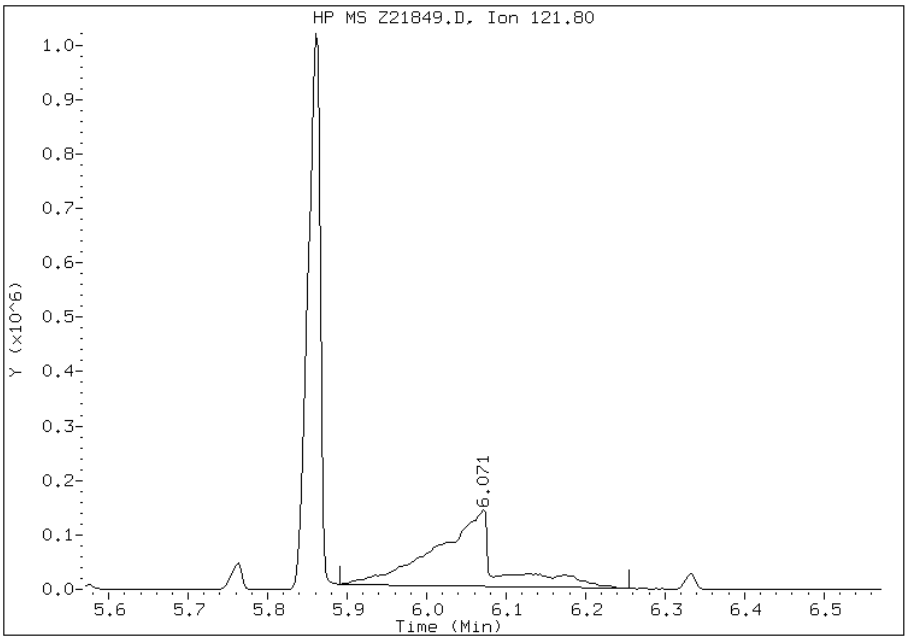
Manual Integration Results

RT: 6.07

Response: 757406

Amount: 104

Conc: 104



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53339/1 Calibration Date: 07/27/2011 07:29

Instrument ID: MSC Calib Start Date: 07/21/2011 10:38

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 07/21/2011 13:49

Lab File ID: C24496.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3140	0.2852	0.0500	36.3	40.0	-9.2	30.0
Pyridine	Ave	0.4033	0.3788	0.0500	37.6	40.0	-6.1	30.0
Cyclohexanone	Ave	0.6729	0.6453	0.0500	38.4	40.0	-4.1	30.0
Benzaldehyde	Ave	0.5345	0.3061	0.0500	22.9	40.0	-42.7*	30.0
Aniline	Ave	1.734	1.534	0.0500	35.4	40.0	-11.5	30.0
Phenol	Ave	1.634	1.410	0.0500	34.5	40.0	-13.7	20.0
Bis(2-chloroethyl)ether	Ave	1.121	0.9838	0.0500	35.1	40.0	-12.3	30.0
2-Chlorophenol	Ave	1.396	1.221	0.0500	35.0	40.0	-12.5	30.0
1,3-Dichlorobenzene	Ave	1.576	1.385	0.0500	35.1	40.0	-12.2	30.0
1,4-Dichlorobenzene	Ave	1.622	1.389	0.0500	34.3	40.0	-14.3	20.0
1,2-Dichlorobenzene	Ave	1.525	1.310	0.0500	34.4	40.0	-14.1	30.0
Benzyl alcohol	Ave	0.7996	0.7599	0.0500	38.0	40.0	-5.0	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.378	2.187	0.0500	36.8	40.0	-8.0	30.0
2-Methylphenol	Ave	1.199	1.046	0.0500	34.9	40.0	-12.8	30.0
Acetophenone	Ave	1.727	1.490	0.0500	34.5	40.0	-13.7	30.0
N-Nitrosodi-n-propylamine	Ave	1.006	0.8964	0.0500	35.7	40.0	-10.9	30.0
4-Methylphenol	Ave	1.296	1.153	0.0500	35.6	40.0	-11.0	30.0
Hexachloroethane	Ave	0.6614	0.5895	0.0500	35.7	40.0	-10.9	30.0
Nitrobenzene	Ave	0.3490	0.3102	0.0500	35.6	40.0	-11.1	30.0
Isophorone	Ave	0.6448	0.5685	0.0500	35.3	40.0	-11.8	30.0
2-Nitrophenol	Ave	0.1972	0.1791	0.0500	36.3	40.0	-9.2	20.0
2,4-Dimethylphenol	Ave	0.2937	0.2672	0.0500	36.4	40.0	-9.0	30.0
Bis(2-chloroethoxy)methane	Ave	0.4015	0.3499	0.0500	34.9	40.0	-12.9	30.0
2,4-Dichlorophenol	Ave	0.2918	0.2582	0.0500	35.4	40.0	-11.5	20.0
Benzoic acid	Ave	0.1165	0.1659	0.0500	57.0	40.0	42.4*	30.0
1,2,4-Trichlorobenzene	Ave	0.3273	0.2839	0.0500	34.7	40.0	-13.3	30.0
Naphthalene	Ave	0.9722	0.8411	0.0500	34.6	40.0	-13.5	30.0
4-Chloroaniline	Ave	0.4119	0.3661	0.0500	35.6	40.0	-11.1	30.0
Hexachlorobutadiene	Ave	0.1943	0.1666	0.0500	34.3	40.0	-14.3	20.0
Caprolactam	Ave	0.0961	0.0913	0.0500	38.0	40.0	-5.0	30.0
4-Chloro-3-methylphenol	Ave	0.2952	0.2659	0.0500	36.0	40.0	-9.9	20.0
2,4,5-Trichlorotoluene	Ave	1.193	1.023	0.0500	34.3	40.0	-14.2	30.0
2-Methylnaphthalene	Ave	0.6826	0.5804	0.0500	34.0	40.0	-15.0	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.2444	0.2213	0.0500	36.2	40.0	-9.5	30.0
Hexachlorocyclopentadiene	Qua	0.2186	0.2748	0.0500	38.5	40.0	-3.8	30.0
2,4,6-Trichlorophenol	Ave	0.3508	0.3067	0.0500	35.0	40.0	-12.6	20.0
2,4,5-Trichlorophenol	Ave	0.3600	0.3296	0.0500	36.6	40.0	-8.4	30.0
1,1'-Biphenyl	Ave	1.299	1.084	0.0500	33.4	40.0	-16.6	30.0
2-Chloronaphthalene	Ave	1.055	0.8829	0.0500	33.5	40.0	-16.3	30.0
2-Nitroaniline	Ave	0.3359	0.3001	0.0500	35.7	40.0	-10.7	30.0
Dimethyl phthalate	Ave	1.213	1.038	0.0500	34.2	40.0	-14.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53339/1 Calibration Date: 07/27/2011 07:29

Instrument ID: MSC Calib Start Date: 07/21/2011 10:38

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 07/21/2011 13:49

Lab File ID: C24496.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Ave	0.2931	0.2611	0.0500	35.6	40.0	-10.9	30.0
Acenaphthylene	Ave	1.701	1.449	0.0500	34.1	40.0	-14.8	30.0
3-Nitroaniline	Ave	0.3313	0.3022	0.0500	36.5	40.0	-8.8	30.0
Acenaphthene	Ave	1.102	0.9241	0.0500	33.5	40.0	-16.2	20.0
2,4-Dinitrophenol	Qua	0.0925	0.1511	0.0500	47.3	40.0	18.2	30.0
4-Nitrophenol	Ave	0.1332	0.1313	0.0500	39.4	40.0	-1.4	30.0
Dibenzofuran	Ave	1.532	1.289	0.0500	33.6	40.0	-15.9	30.0
2,4-Dinitrotoluene	Ave	0.3969	0.3502	0.0500	35.3	40.0	-11.8	30.0
2,3,4,6-Tetrachlorophenol	Lin	0.2616	0.2613	0.0500	35.2	40.0	-12.0	30.0
Diethyl phthalate	Ave	1.267	1.112	0.0500	35.1	40.0	-12.2	30.0
Fluorene	Ave	1.270	1.070	0.0500	33.7	40.0	-15.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.6275	0.5295	0.0500	33.7	40.0	-15.6	30.0
4-Nitroaniline	Ave	0.3265	0.3043	0.0500	37.3	40.0	-6.8	30.0
4,6-Dinitro-2-methylphenol	Lin	0.1069	0.1201	0.0500	39.7	40.0	-0.7	30.0
N-Nitrosodiphenylamine	Ave	0.5429	0.4482	0.0500	33.0	40.0	-17.4	20.0
1,2-Diphenylhydrazine	Ave	0.7593	0.6391	0.0500	33.7	40.0	-15.8	30.0
4-Bromophenyl phenyl ether	Ave	0.2153	0.1779	0.0500	33.0	40.0	-17.4	30.0
Hexachlorobenzene	Ave	0.2283	0.1856	0.0500	32.5	40.0	-18.7	30.0
Simazine	Ave	0.1258	0.1131	0.0500	36.0	40.0	-10.1	30.0
Atrazine	Ave	0.1893	0.1728	0.0500	36.5	40.0	-8.7	30.0
Pentachlorophenol	Lin	0.1063	0.1104	0.0500	37.3	40.0	-6.9	20.0
Pentachloronitrobenzene	Ave	0.0866	0.0782	0.0500	36.1	40.0	-9.7	30.0
Phenanthrene	Ave	1.030	0.8373	0.0500	32.5	40.0	-18.7	30.0
Anthracene	Ave	1.027	0.8451	0.0500	32.9	40.0	-17.7	30.0
Carbazole	Ave	0.9817	0.8488	0.0500	34.6	40.0	-13.5	30.0
Di-n-butyl phthalate	Ave	1.144	0.9600	0.0500	33.6	40.0	-16.1	30.0
Fluoranthene	Ave	1.116	0.9664	0.0500	34.6	40.0	-13.4	20.0
Benzidine	Ave	0.2357	0.2030	0.0500	34.5	40.0	-13.9	30.0
Pyrene	Ave	1.241	0.9540	0.0500	30.7	40.0	-23.1	30.0
3,3'-Dimethylbenzidine	Ave	0.2117	0.2160	0.0500	40.8	40.0	2.1	30.0
Butyl benzyl phthalate	Ave	0.5357	0.4763	0.0500	35.6	40.0	-11.1	30.0
3,3'-Dichlorobenzidine	Ave	0.3080	0.2896	0.0500	37.6	40.0	-6.0	30.0
Benzo[a]anthracene	Ave	1.095	0.8964	0.0500	32.7	40.0	-18.1	30.0
Chrysene	Ave	1.028	0.8151	0.0500	31.7	40.0	-20.7	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.5703	0.5999	0.0500	42.1	40.0	5.2	30.0
Di-n-octyl phthalate	Qua	1.144	1.282	0.0500	38.6	40.0	-3.4	20.0
Benzo[b]fluoranthene	Ave	1.338	1.090	0.0500	32.6	40.0	-18.5	30.0
Benzo[k]fluoranthene	Ave	1.381	1.099	0.0500	31.8	40.0	-20.4	30.0
Benzo[a]pyrene	Ave	0.9736	0.8203	0.0500	33.7	40.0	-15.7	20.0
Indeno[1,2,3-cd]pyrene	Qua	0.4734	0.3636	0.0500	33.3	40.0	-16.7	30.0
Dibenz(a,h)anthracene	Qua	0.4621	0.3604	0.0500	32.7	40.0	-18.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53339/1 Calibration Date: 07/27/2011 07:29

Instrument ID: MSC Calib Start Date: 07/21/2011 10:38

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 07/21/2011 13:49

Lab File ID: C24496.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Qua	0.4692	0.3100	0.0500	28.8	40.0	-27.9	30.0
2-Fluorophenol	Ave	1.098	0.9633	0.0500	35.1	40.0	-12.2	30.0
Phenol-d5	Ave	1.499	1.312	0.0500	35.0	40.0	-12.5	30.0
Nitrobenzene-d5	Ave	0.3441	0.3055	0.0500	35.5	40.0	-11.2	30.0
2-Fluorobiphenyl	Ave	1.179	0.9915	0.0500	33.6	40.0	-15.9	30.0
2,4,6-Tribromophenol	Ave	0.1720	0.1544	0.0500	35.9	40.0	-10.2	30.0
Terphenyl-d14	Ave	0.8592	0.6522	0.0500	30.4	40.0	-24.1	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24496.D
Lab Smp Id: CCVIS-641574 Client Smp ID: CCVIS-641574
Inj Date : 27-JUL-2011 07:29
Operator : S.Jonas Inst ID: msc.i
Smp Info : CCVIS-641574
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1027229	20.0000	
$ 2	2-Fluorophenol	112	3.356	3.356	(0.699)	1979140	40.0000	35
$ 3	Phenol-d5	99	4.490	4.490	(0.936)	2695064	40.0000	35
4	Pyridine	52	1.563	1.563	(0.326)	778295	40.0000	38
5	N-Nitrosodimethylamine	42	1.552	1.552	(0.323)	585848	40.0000	36
6	Cyclohexanone	42	3.570	3.570	(0.744)	1325747	40.0000	38
128	Benzaldehyde	77	4.317	4.317	(0.900)	628878	40.0000	23
7	Phenol	94	4.501	4.501	(0.938)	2895988	40.0000	35
8	Aniline	93	4.454	4.454	(0.928)	3152307	40.0000	35
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.949)	2021139	40.0000	35
10	2-Chlorophenol	128	4.584	4.584	(0.955)	2508437	40.0000	35
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.988)	2844692	40.0000	35
12	1,4-Dichlorobenzene	146	4.816	4.816	(1.004)	2854398	40.0000	34
13	Benzyl alcohol	108	4.988	4.988	(1.040)	1561240	40.0000	38
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.038)	2690788	40.0000	34
15	2,2'-oxybis(1-Chloropropane)	45	5.136	5.136	(1.070)	4493931	40.0000	37
16	2-Methylphenol	108	5.142	5.142	(1.072)	2148495	40.0000	35
92	Acetophenone	105	5.261	5.261	(1.096)	3061151	40.0000	35
17	Hexachloroethane	117	5.338	5.338	(1.113)	1211016	40.0000	36
18	N-Nitroso-di-n-propylamine	70	5.285	5.285	(1.101)	1841555	40.0000	36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.309	5.309	(1.106)	2369011	40.0000	36
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	4228857	20.0000	
$	21 Nitrobenzene-d5	82	5.409	5.409	(0.878)	2583434	40.0000	36
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2623686	40.0000	36
	23 Isophorone	82	5.694	5.694	(0.924)	4807808	40.0000	35
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1514954	40.0000	36
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	2259889	40.0000	36
	26 Benzoic Acid	122	6.045	6.045	(0.981)	1403319	40.0000	57(M)
	27 Bis(2-Chloroethoxy)methane	93	5.950	5.950	(0.965)	2959361	40.0000	35
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	2183419	40.0000	35
	29 1,2,4-Trichlorobenzene	180	6.116	6.116	(0.992)	2401156	40.0000	35
	30 Naphthalene	128	6.187	6.187	(1.004)	7114113	40.0000	35
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	3096528	40.0000	36
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1408984	40.0000	34
	129 Caprolactam	113	6.686	6.686	(1.085)	772179	40.0000	38(M)
	33 4-Chloro-3-methylphenol	107	6.822	6.822	(1.107)	2248960	40.0000	36
	34 2-Methylnaphthalene	142	6.929	6.929	(1.124)	4908488	40.0000	34
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	2682714	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.893	6.893	(1.437)	2102222	40.0000	34
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	1474473	40.0000	38
	38 2,4,6-Trichlorophenol	196	7.243	7.243	(0.902)	1645298	40.0000	35
	39 2,4,5-Trichlorophenol	196	7.285	7.285	(0.908)	1768377	40.0000	37
$	40 2-Fluorobiphenyl	172	7.333	7.333	(0.913)	5319544	40.0000	34
	130 1,1'-Biphenyl	154	7.433	7.433	(0.926)	5813430	40.0000	33
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4737195	40.0000	33
	42 2-Nitroaniline	65	7.564	7.564	(0.942)	1609950	40.0000	36
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7776460	40.0000	34
	44 Dimethylphthalate	163	7.778	7.778	(0.969)	5571678	40.0000	34
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1400873	40.0000	36
	46 Acenaphthene	153	8.063	8.063	(1.004)	4958039	40.0000	34
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1621366	40.0000	36
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	810773	40.0000	47
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6914522	40.0000	34
	50 2,4-Dinitrotoluene	165	8.252	8.252	(1.028)	1878873	40.0000	35
	51 4-Nitrophenol	109	8.217	8.217	(1.024)	704595	40.0000	39
	52 Fluorene	166	8.609	8.609	(1.072)	5738449	40.0000	34
	53 4-Chlorophenyl-phenylether	204	8.620	8.620	(1.074)	2840819	40.0000	34
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5968916	40.0000	35
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1632758	40.0000	37
$	56 2,4,6-Tribromophenol	330	8.864	8.864	(1.104)	828585	40.0000	36
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	4803738	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1154190	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4305663	40.0000	33
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	6139643	40.0000	34
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1708645	40.0000	33
	131 Atrazine	200	9.339	9.339	(0.973)	1660322	40.0000	37
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1783000	40.0000	33
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1061028	40.0000	37
	64 Phenanthrene	178	9.624	9.624	(1.003)	8044248	40.0000	33
	65 Carbazole	167	9.855	9.855	(1.027)	8154380	40.0000	35
	66 Anthracene	178	9.677	9.677	(1.009)	8118755	40.0000	33
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9222740	40.0000	34
	68 Fluoranthene	202	10.876	10.876	(1.134)	9285073	40.0000	35
*	70 Chrysene-d12	240	12.472	12.472	(1.000)	4986002	20.0000	

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	71 Benzidine	184	11.024	11.024	(0.884)	2024592	40.0000	34
	72 Pyrene	202	11.113	11.113	(0.891)	9513219	40.0000	31
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	6503492	40.0000	30
	74 Butylbenzylphthalate	149	11.820	11.820	(0.948)	4750015	40.0000	36
	124 3,3'-Dimethylbenzidine	212	11.796	11.796	(0.946)	2154015	40.0000	41
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2887631	40.0000	38
	76 Benzo(a)anthracene	228	12.455	12.455	(0.999)	8938391	40.0000	33
	77 Chrysene	228	12.508	12.508	(1.003)	8127732	40.0000	32
	78 Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	5981831	40.0000	42
*	79 Perylene-d12	264	14.633	14.633	(1.000)	3160978	20.0000	
	80 Di-n-octylphthalate	149	13.428	13.428	(0.918)	8102145	40.0000	39
	81 Benzo(b)fluoranthene	252	14.004	14.004	(0.957)	6893757	40.0000	33
	82 Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	6948630	40.0000	32
	83 Benzo(a)pyrene	252	14.544	14.544	(0.994)	5186058	40.0000	34
	84 Indeno(1,2,3-cd)pyrene	276	16.627	16.627	(1.136)	2298590	40.0000	33
	85 Dibenzo(a,h)anthracene	278	16.675	16.675	(1.140)	2278644	40.0000	33
	86 Benzo(g,h,i)perylene	276	17.144	17.144	(1.172)	1959959	40.0000	29
	167 Simazine	201	9.315	9.315	(0.971)	1086632	40.0000	36
	103 1,2,4,5-Tetrachlorobenzene	216	7.107	7.107	(0.885)	1187300	40.0000	36
	109 2,3,4,6-Tetrachlorophenol	232	8.389	8.389	(1.045)	1401738	40.0000	35
	119 Pentachloronitrobenzene	237	9.428	9.428	(0.983)	751612	40.0000	36

QC Flag Legend

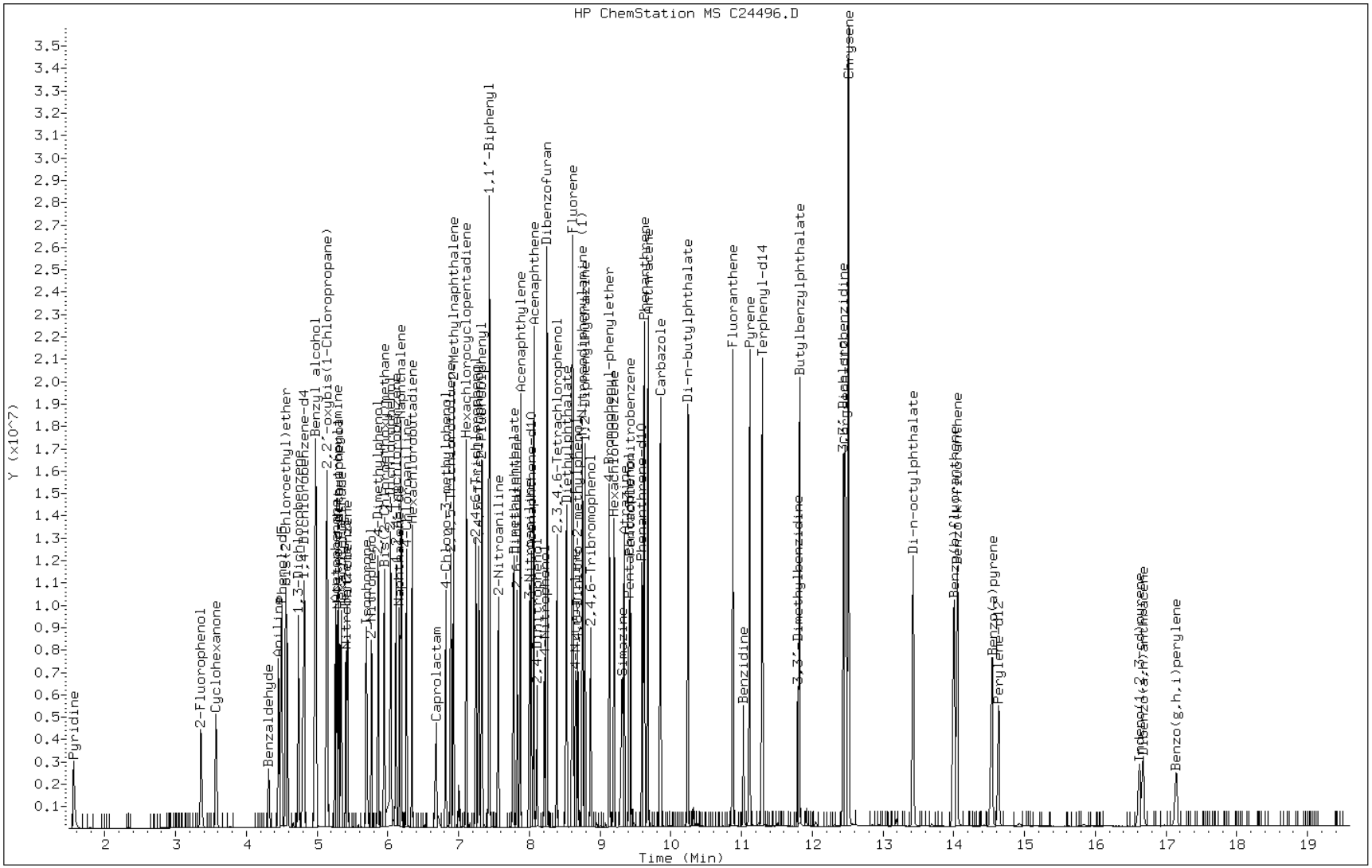
M - Compound response manually integrated.

Data File: C24496.D

Date: 27-JUL-2011 07:29

Client ID: CCVIS-641574 Instrument: msc.i

Sample Info: CCVIS-641574 Operator: S.Jonas



Manual Integration Report

Data File: C24496.D
Inj. Date and Time: 27-JUL-2011 07:29
Instrument ID: msc.i
Client ID: CCVIS-641574
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

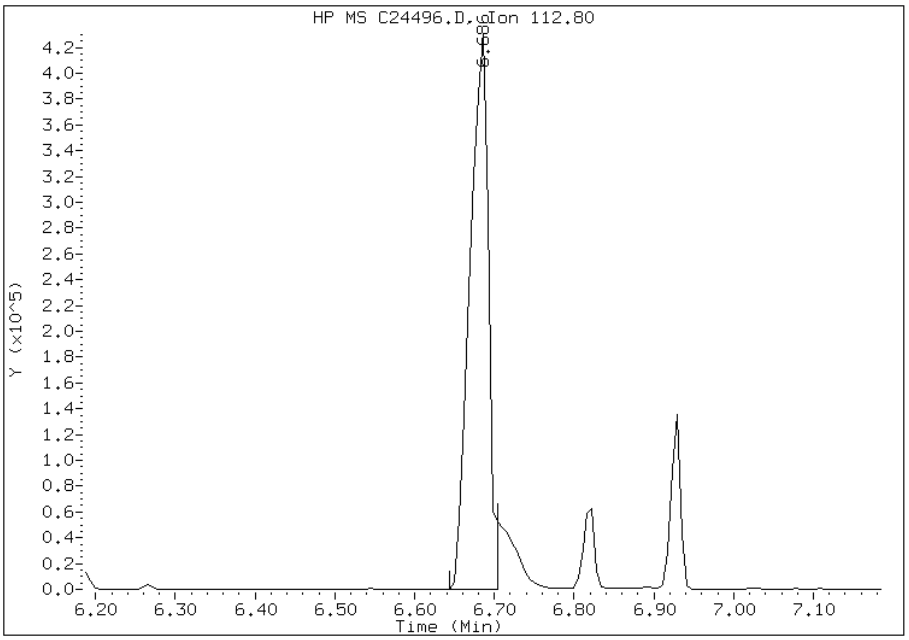
Processing Integration Results

RT: 6.69

Response: 699981

Amount: 34

Conc: 34



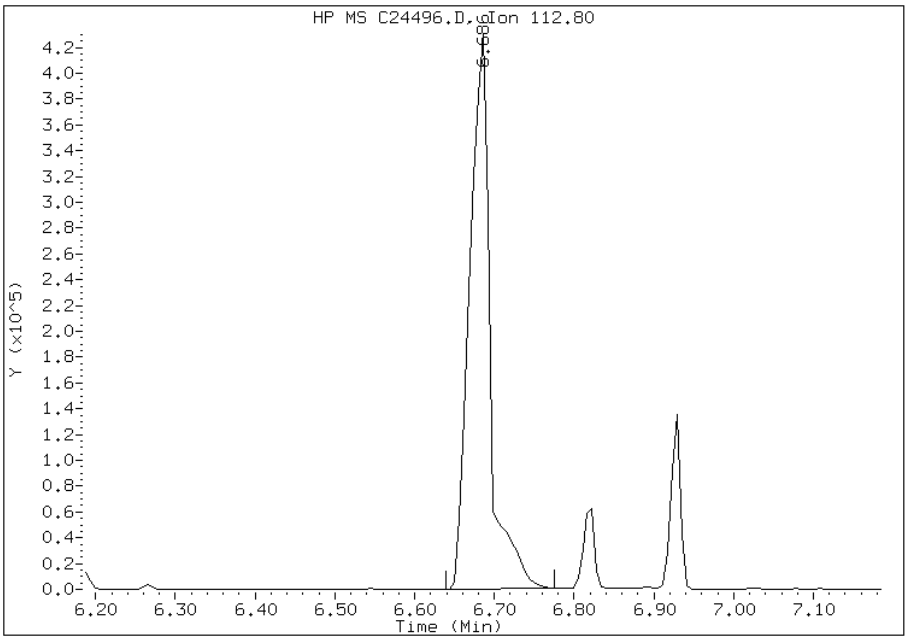
Manual Integration Results

RT: 6.69

Response: 772179

Amount: 38

Conc: 38



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24496.D
Inj. Date and Time: 27-JUL-2011 07:29
Instrument ID: msc.i
Client ID: CCVIS-641574
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

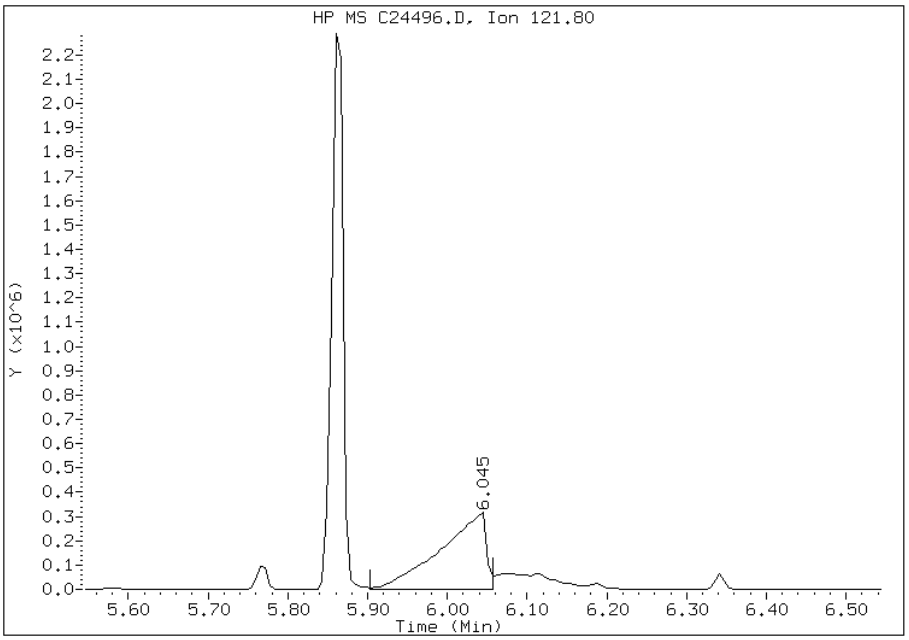
Processing Integration Results

RT: 6.05

Response: 1247835

Amount: 51

Conc: 51



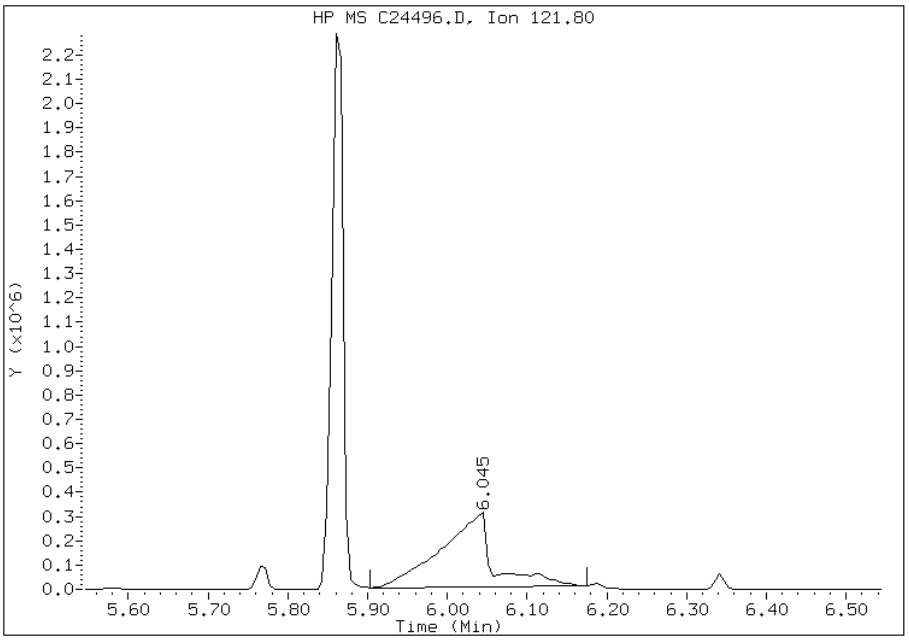
Manual Integration Results

RT: 6.05

Response: 1403319

Amount: 57

Conc: 57



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\Cs24381.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 21-JUL-2011 10:20
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan 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: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
4.462	4.575	-0.113	198	263232			0.00- 100.00	100.00
4.462	9.361	-4.899	51	119064			30.00- 60.00	45.23
4.462	9.361	-4.899	68	1821			0.00- 2.00	1.61
4.462	9.361	-4.899	69	112776			0.00- 100.00	42.84
4.462	9.361	-4.899	70	548			0.00- 2.00	0.49
4.462	9.361	-4.899	127	126392			40.00- 60.00	48.02
4.462	9.361	-4.899	197	0	0.0	0.0	0.00- 1.00	0.00
4.462	9.361	-4.899	199	16808			5.00- 9.00	6.39
4.462	9.361	-4.899	275	60920			10.00- 30.00	23.14
4.462	9.361	-4.899	365	5740			1.00- 100.00	2.18
4.462	9.361	-4.899	441	28840			0.01- 99.99	77.06
4.462	9.361	-4.899	442	200384			40.00- 100.00	76.12
4.462	9.361	-4.899	443	37424			17.00- 23.00	18.68

Data File: Cs24381.D

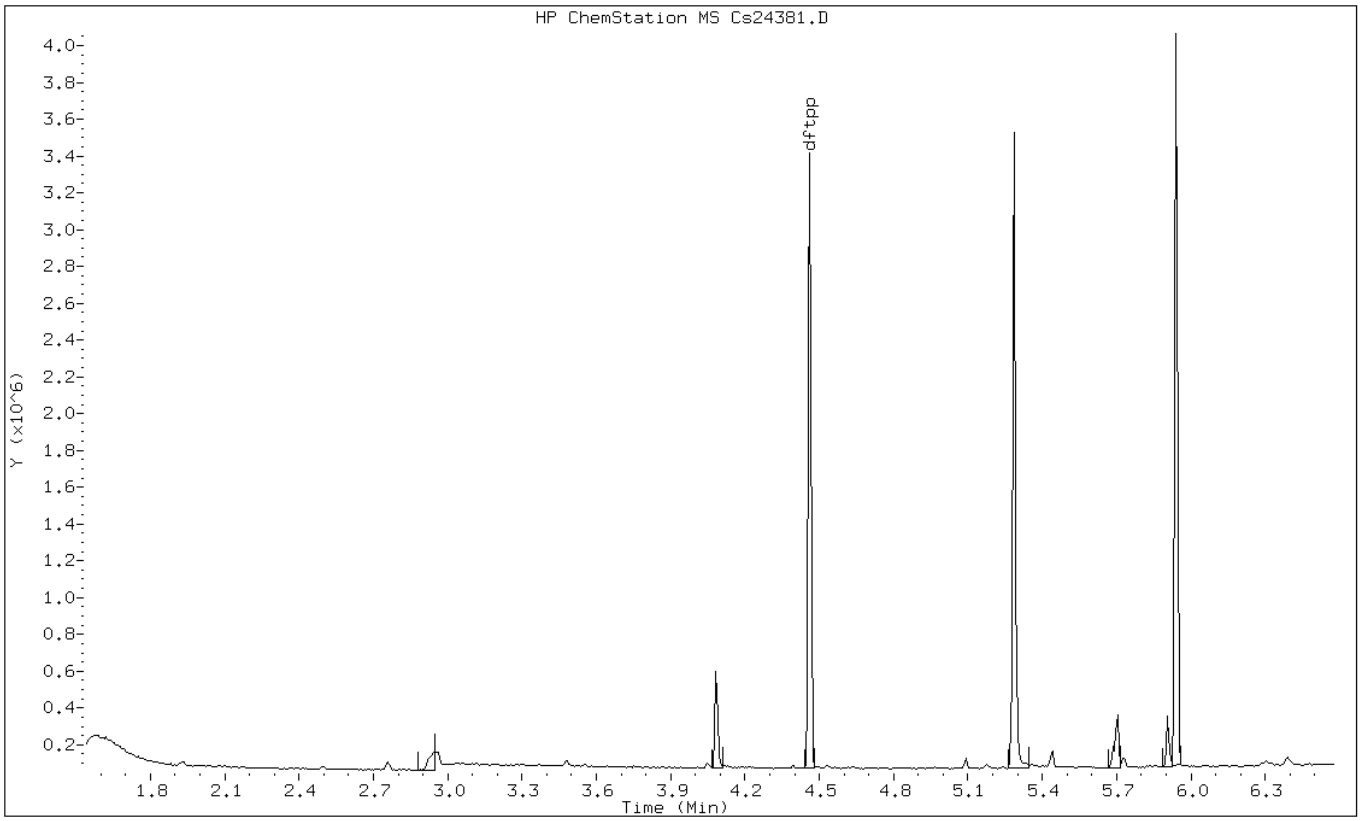
Date: 21-JUL-2011 10:20

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



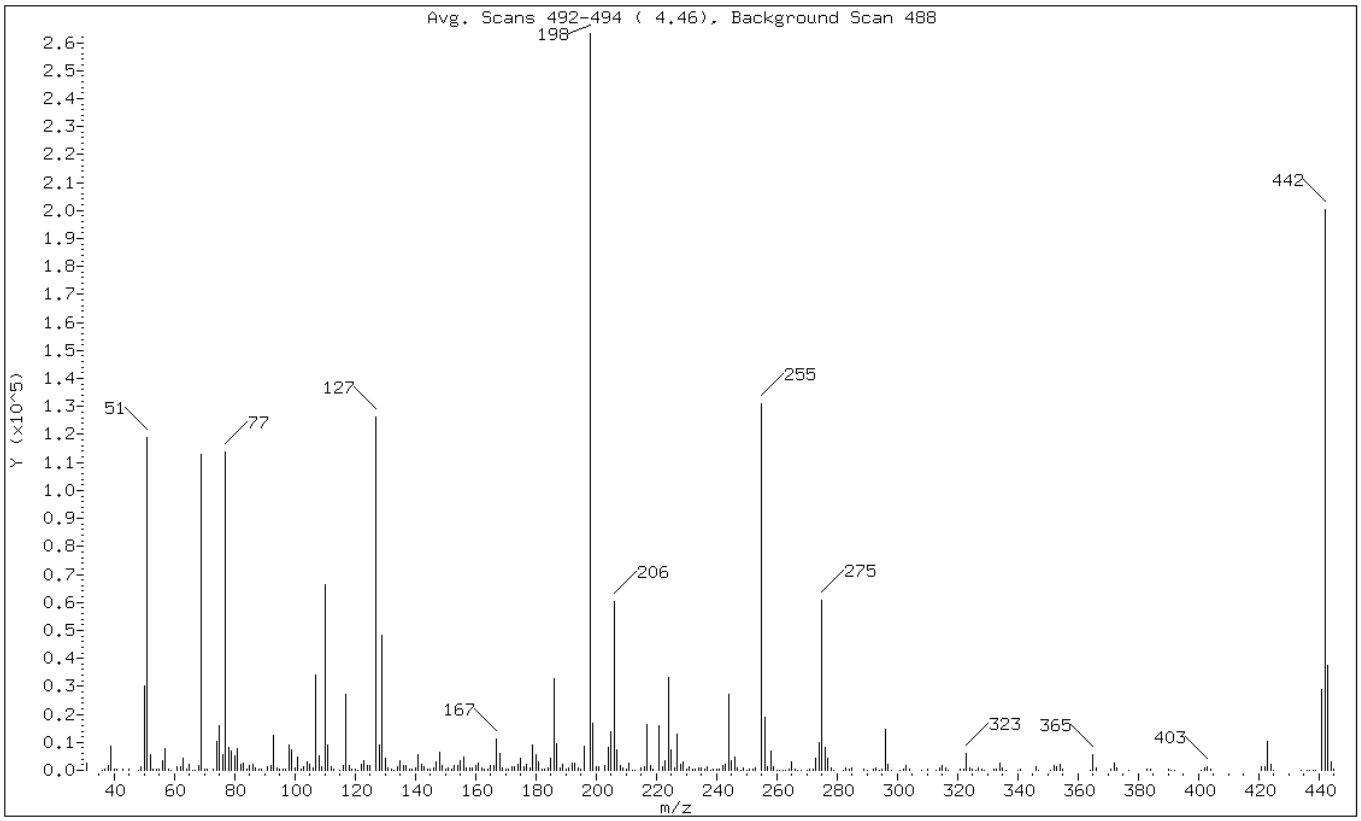
Data File: Cs24381.D

Date: 21-JUL-2011 10:20

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

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	45.23
68	Less than 2.00% of mass 69	0.69 (1.61)
69	Less than 100.00% of mass 198	42.84
70	Less than 2.00% of mass 69	0.21 (0.49)
127	40.00 - 60.00% of mass 198	48.02
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.39
275	10.00 - 30.00% of mass 198	23.14
365	1.00 - 100.00% of mass 198	2.18
441	Present, but less than mass 443	10.96
442	40.00 - 100.00% of mass 198	76.12
443	17.00 - 23.00% of mass 442	14.22 (18.68)

Data File: Cs24381.D

Date: 21-JUL-2011 10:20

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\Cs24381.D
Spectrum: Avg. Scans 492-494 (4.46), Background Scan 488
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	2565	121.00	123	201.00	1407	289.00	324
36.00	180	122.00	2223	203.00	1533	290.00	144
37.00	534	123.00	3240	204.00	8050	292.00	270
38.00	1647	124.00	1723	205.00	13812	293.00	1047
39.00	8734	125.00	1587	206.00	60416	294.00	201
40.00	243	127.00	126392	207.00	7320	295.00	296
41.00	448	128.00	8894	208.00	1835	296.00	14827
43.00	237	129.00	48240	209.00	673	297.00	2133
45.00	240	130.00	4319	210.00	573	298.00	79
48.00	97	131.00	965	211.00	2523	301.00	181
49.00	1248	132.00	559	212.00	77	302.00	249
50.00	30000	133.00	133	213.00	169	303.00	1795
51.00	119064	134.00	1237	215.00	655	304.00	600
52.00	5789	135.00	3492	216.00	1354	308.00	212
53.00	361	136.00	1529	217.00	16528	310.00	216
54.00	276	137.00	1826	218.00	1873	313.00	121
55.00	616	138.00	613	219.00	264	314.00	888
56.00	3367	139.00	286	221.00	15748	315.00	1821
57.00	7681	140.00	665	222.00	1254	316.00	933
58.00	339	141.00	5774	223.00	3587	317.00	82
59.00	138	142.00	2161	224.00	33296	321.00	493
61.00	1393	143.00	1332	225.00	7468	322.00	224
62.00	1396	144.00	335	226.00	1024	323.00	5925
63.00	4136	145.00	476	227.00	13082	324.00	983
64.00	580	146.00	962	228.00	1992	325.00	333
65.00	2285	147.00	3183	229.00	2839	326.00	142
66.00	215	148.00	6675	230.00	312	327.00	1021
67.00	76	149.00	1638	231.00	1163	328.00	480
68.00	1821	150.00	458	232.00	278	329.00	163
69.00	112776	151.00	937	233.00	370	332.00	384
70.00	548	152.00	543	234.00	882	333.00	454
71.00	303	153.00	1811	235.00	953	334.00	2736
73.00	339	154.00	1537	236.00	567	335.00	911
74.00	10414	155.00	3258	237.00	1134	336.00	83
75.00	15797	156.00	4806	238.00	57	340.00	54
76.00	5669	157.00	927	239.00	622	341.00	551
77.00	113840	158.00	1015	240.00	343	346.00	1259
78.00	8146	159.00	744	241.00	646	347.00	191
79.00	6767	160.00	1727	242.00	1585	351.00	119
80.00	5272	161.00	2765	243.00	2326	352.00	1909

81.00	7717	162.00	928	244.00	27120	353.00	1161
82.00	2081	163.00	331	245.00	3427	354.00	1975
83.00	2555	164.00	340	246.00	4644	355.00	266
84.00	362	165.00	1812	247.00	1036	364.00	66
85.00	1641	166.00	1720	248.00	198	365.00	5740
86.00	2040	167.00	11310	249.00	896	366.00	1052
87.00	842	168.00	5870	250.00	178	371.00	546
88.00	287	169.00	941	251.00	239	372.00	2452
89.00	258	170.00	489	252.00	450	373.00	780
91.00	1443	171.00	547	253.00	898	377.00	63
92.00	1904	172.00	1138	255.00	130904	383.00	600
93.00	12574	173.00	1193	256.00	18776	384.00	264
94.00	883	174.00	2291	257.00	1470	390.00	363
95.00	507	175.00	4405	258.00	6860	391.00	198
96.00	523	176.00	1392	259.00	1303	392.00	108
97.00	349	177.00	2293	260.00	128	401.00	125
98.00	9029	178.00	758	261.00	164	402.00	788
99.00	7140	179.00	8972	262.00	62	403.00	1421
100.00	785	180.00	5749	263.00	63	404.00	517
101.00	4559	181.00	2977	264.00	324	421.00	1489
102.00	364	182.00	499	265.00	2863	422.00	1173
103.00	1484	183.00	391	266.00	459	423.00	10347
104.00	2848	184.00	723	267.00	54	424.00	2264
105.00	2300	185.00	4145	268.00	94	425.00	174
106.00	956	186.00	32728	270.00	175	434.00	57
107.00	33904	187.00	9277	271.00	350	436.00	81
108.00	5135	188.00	873	272.00	485	437.00	147
109.00	1265	189.00	2197	273.00	4346	438.00	54
110.00	66152	190.00	332	274.00	9870	439.00	125
111.00	9172	191.00	983	275.00	60920	441.00	28840
112.00	1146	192.00	2477	276.00	8147	442.00	200384
113.00	230	193.00	2778	277.00	4497	443.00	37424
115.00	32	194.00	701	278.00	854	444.00	3174
116.00	1865	195.00	269	279.00	139	445.00	274
117.00	27248	196.00	8535	282.00	100		
118.00	1666	198.00	263232	283.00	699		
119.00	305	199.00	16808	284.00	489		
120.00	454	200.00	1331	285.00	896		

TestAmerica Inc

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\Cs24495.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 27-JUL-2011 07:11
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan 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: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
4.403	4.575	-0.172	198	400704			0.00- 100.00	100.00
4.403	9.361	-4.958	51	195776			30.00- 60.00	48.86
4.403	9.361	-4.958	68	834			0.00- 2.00	0.45
4.403	9.361	-4.958	69	184192			0.00- 100.00	45.97
4.403	9.361	-4.958	70	867			0.00- 2.00	0.47
4.403	9.361	-4.958	127	198784			40.00- 60.00	49.61
4.403	9.361	-4.958	197	1509			0.00- 1.00	0.38
4.403	9.361	-4.958	199	27712			5.00- 9.00	6.92
4.403	9.361	-4.958	275	89832			10.00- 30.00	22.42
4.403	9.361	-4.958	365	9853			1.00- 100.00	2.46
4.403	9.361	-4.958	441	43352			0.01- 99.99	79.86
4.403	9.361	-4.958	442	283200			40.00- 100.00	70.68
4.403	9.361	-4.958	443	54288			17.00- 23.00	19.17

Data File: Cs24495.D

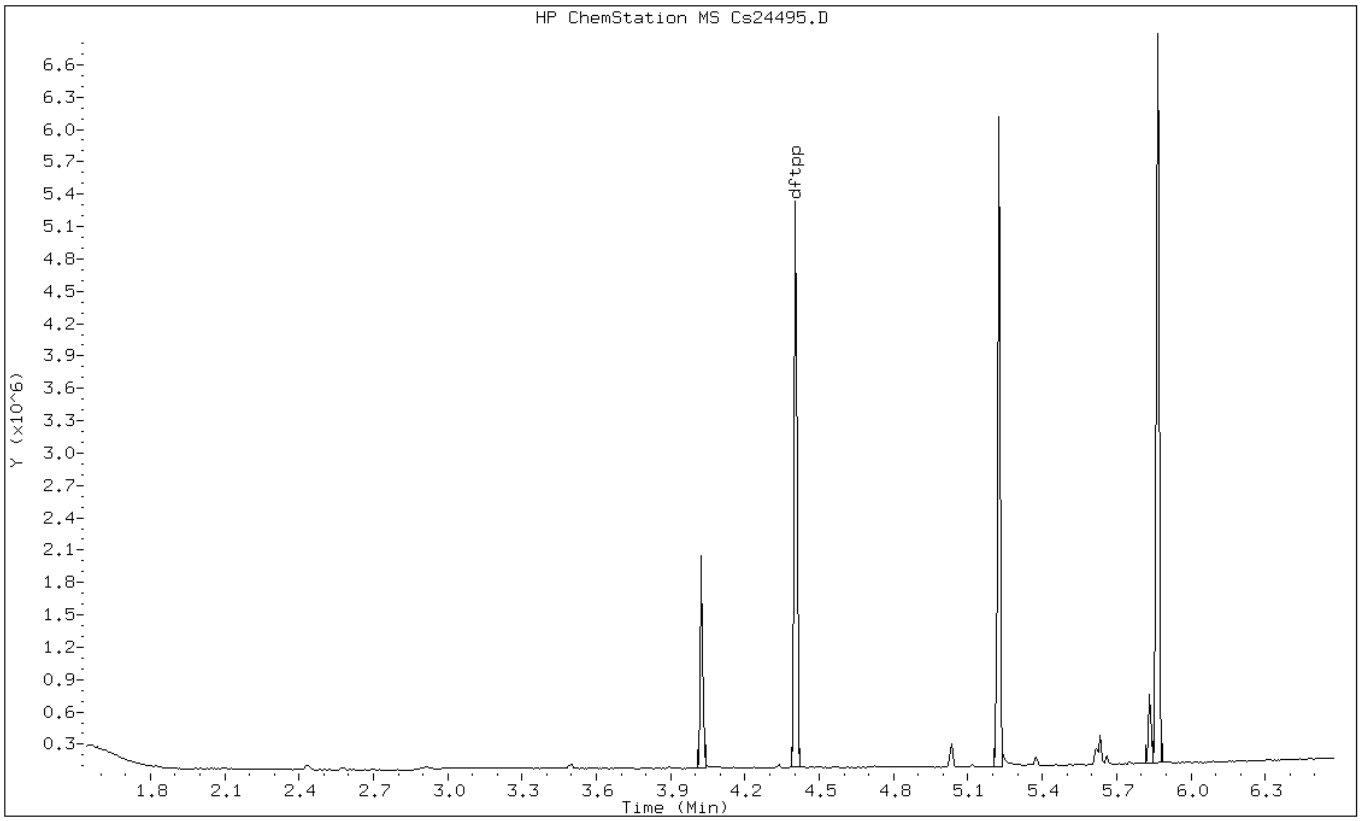
Date: 27-JUL-2011 07:11

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



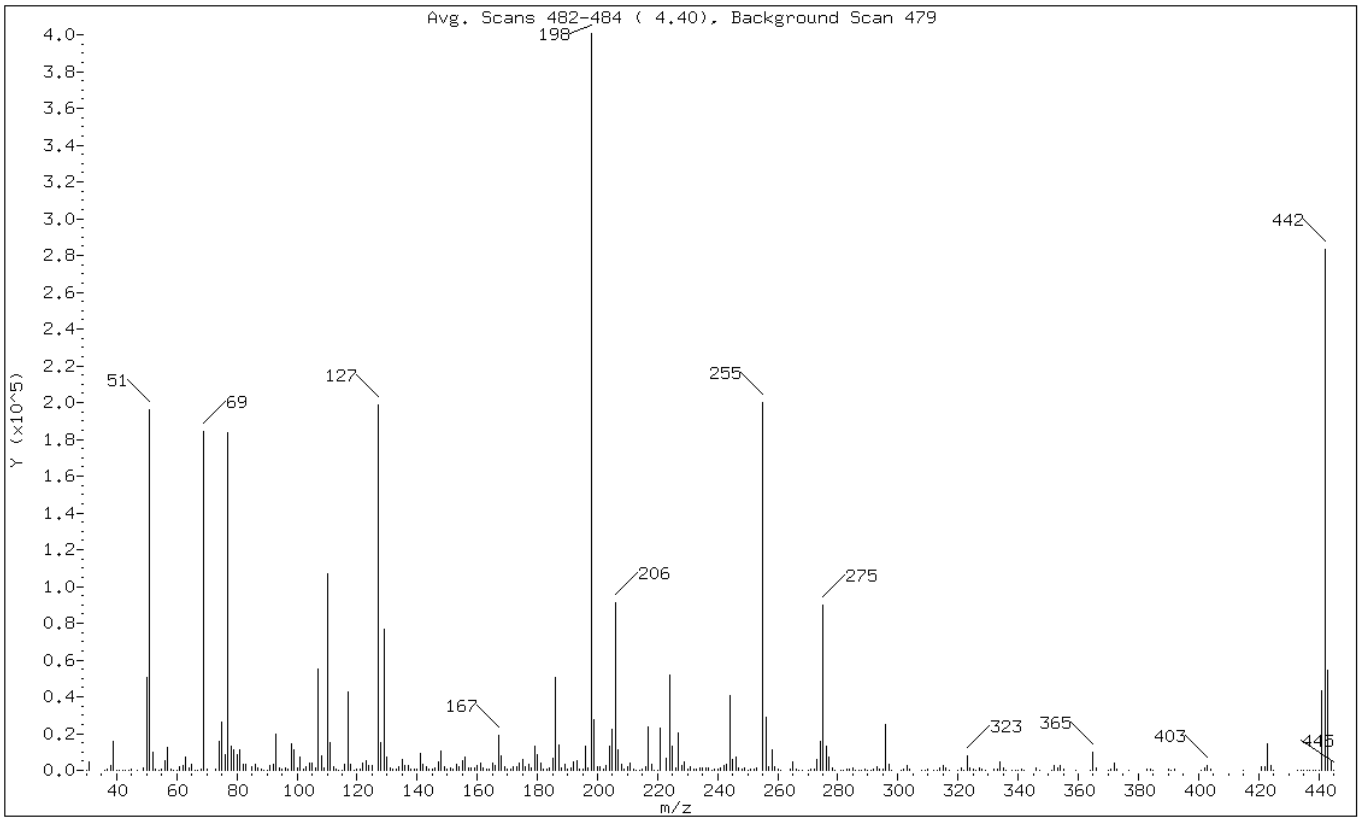
Data File: Cs24495.D

Date: 27-JUL-2011 07:11

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

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	48.86
68	Less than 2.00% of mass 69	0.21 (0.45)
69	Less than 100.00% of mass 198	45.97
70	Less than 2.00% of mass 69	0.22 (0.47)
127	40.00 - 60.00% of mass 198	49.61
197	Less than 1.00% of mass 198	0.38
199	5.00 - 9.00% of mass 198	6.92
275	10.00 - 30.00% of mass 198	22.42
365	1.00 - 100.00% of mass 198	2.46
441	Present, but less than mass 443	10.82
442	40.00 - 100.00% of mass 198	70.68
443	17.00 - 23.00% of mass 442	13.55 (19.17)

Data File: Cs24495.D

Date: 27-JUL-2011 07:11

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\Cs24495.D
Spectrum: Avg. Scans 482-484 (4.40), Background Scan 479
Location of Maximum: 198.00
Number of points: 331

m/z	Y	m/z	Y	m/z	Y	m/z	Y
30.00	140	122.00	3611	206.00	91408	295.00	529
31.00	4524	123.00	5434	207.00	10975	296.00	24608
36.00	264	124.00	2842	208.00	3541	297.00	3116
37.00	742	125.00	2406	209.00	875	298.00	183
38.00	2560	127.00	198784	210.00	1658	301.00	253
39.00	15733	128.00	14880	211.00	3608	302.00	462
40.00	312	129.00	76768	212.00	430	303.00	2813
41.00	244	130.00	6981	213.00	295	304.00	817
42.00	190	131.00	1225	214.00	79	308.00	236
43.00	288	132.00	761	215.00	983	309.00	195
44.00	203	133.00	386	216.00	1983	310.00	370
45.00	589	134.00	2214	217.00	23528	312.00	64
47.00	53	135.00	6014	218.00	3268	313.00	198
49.00	1070	136.00	2384	219.00	310	314.00	1097
50.00	50312	137.00	2675	220.00	159	315.00	2448
51.00	195776	138.00	882	221.00	23032	316.00	1482
52.00	9937	139.00	530	223.00	6700	317.00	254
53.00	463	140.00	771	224.00	51608	320.00	114
54.00	13	141.00	9096	225.00	13425	321.00	1115
55.00	692	142.00	3005	226.00	1448	322.00	179
56.00	5184	143.00	2207	227.00	20144	323.00	7645
57.00	12745	144.00	657	228.00	2780	324.00	1456
58.00	432	145.00	635	229.00	4278	325.00	514
59.00	161	146.00	1548	230.00	707	326.00	283
60.00	88	147.00	4805	231.00	1777	327.00	1450
61.00	2198	148.00	10462	232.00	483	328.00	858
62.00	2608	149.00	2025	233.00	634	329.00	195
63.00	6976	150.00	723	234.00	1282	332.00	418
64.00	1007	151.00	1410	235.00	1344	333.00	755
65.00	3373	152.00	835	236.00	1000	334.00	4912
66.00	203	153.00	3115	237.00	1638	335.00	1447
67.00	57	154.00	2245	238.00	182	336.00	83
68.00	834	155.00	5540	239.00	843	338.00	128
69.00	184192	156.00	7013	240.00	644	339.00	199
70.00	867	157.00	1603	241.00	1338	340.00	163
73.00	982	158.00	1563	242.00	2550	341.00	936
74.00	15956	159.00	1309	243.00	2982	342.00	304
75.00	25936	160.00	2673	244.00	40624	346.00	1508
76.00	8694	161.00	4005	245.00	6024	347.00	271
77.00	183936	162.00	1144	246.00	7511	351.00	50

78.00	12882	163.00	367	247.00	1516	352.00	2375
79.00	11232	164.00	829	248.00	511	353.00	1405
80.00	8688	165.00	3700	249.00	1626	354.00	2543
81.00	11265	166.00	2949	250.00	307	355.00	640
82.00	3489	167.00	18920	251.00	529	359.00	83
83.00	3221	168.00	7583	252.00	395	364.00	64
85.00	1828	169.00	1840	253.00	1142	365.00	9853
86.00	3605	170.00	545	255.00	200256	366.00	1250
87.00	1513	171.00	756	256.00	28792	370.00	324
88.00	699	172.00	1723	257.00	2068	371.00	536
89.00	256	173.00	2193	258.00	11231	372.00	3815
90.00	90	174.00	3971	259.00	1681	373.00	900
91.00	2693	175.00	6130	260.00	429	377.00	71
92.00	3433	176.00	1888	261.00	286	383.00	904
93.00	19696	177.00	3082	264.00	547	384.00	364
94.00	1555	178.00	1179	265.00	4633	385.00	72
95.00	616	179.00	12902	266.00	872	390.00	595
96.00	990	180.00	8633	267.00	67	391.00	290
97.00	401	181.00	4200	268.00	75	392.00	329
98.00	14130	182.00	771	270.00	285	401.00	286
99.00	10897	183.00	400	271.00	414	402.00	1479
100.00	1030	184.00	1134	272.00	577	403.00	2319
101.00	7444	185.00	6289	273.00	5661	404.00	803
102.00	372	186.00	50792	274.00	15855	415.00	56
103.00	2113	187.00	13581	275.00	89832	421.00	2106
104.00	3904	188.00	1548	276.00	12885	422.00	2013
105.00	3876	189.00	3125	277.00	7363	423.00	14102
106.00	1528	190.00	525	278.00	1007	424.00	2678
107.00	54928	191.00	1106	279.00	260	425.00	206
108.00	7998	192.00	4623	281.00	230	433.00	57
109.00	1623	193.00	4991	282.00	137	434.00	152
110.00	106992	194.00	618	283.00	948	435.00	87
111.00	14869	195.00	836	284.00	536	436.00	56
112.00	1907	196.00	13060	285.00	1408	437.00	183
113.00	644	197.00	1509	286.00	300	438.00	56
114.00	191	198.00	400704	287.00	60	439.00	324
115.00	254	199.00	27712	288.00	62	440.00	163
116.00	2974	200.00	2099	289.00	338	441.00	43352
117.00	42640	201.00	2204	290.00	170	442.00	283200
118.00	3247	202.00	955	291.00	227	443.00	54288
119.00	292	203.00	2707	292.00	343	444.00	5219
120.00	578	204.00	13104	293.00	1741	445.00	294
121.00	352	205.00	22184	294.00	565		

TestAmerica Inc

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Zs21842.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 27-JUL-2011 07:17
Operator : smith Inst ID: msz.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\mszdftppSW.m
Meth Date : 11-May-2011 10:33 stephan 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: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
4.401	4.179	0.222	198	91464			0.00- 100.00	100.00
4.401	4.179	0.222	51	41832			30.00- 60.00	45.74
4.401	4.179	0.222	68	449			0.00- 2.00	1.06
4.401	4.179	0.222	69	42208			0.00- 100.00	46.15
4.401	4.179	0.222	70	306			0.00- 2.00	0.72
4.401	4.179	0.222	127	50136			40.00- 60.00	54.82
4.401	4.179	0.222	197	211			0.00- 1.00	0.23
4.401	4.179	0.222	199	5583			5.00- 9.00	6.10
4.401	4.179	0.222	275	21128			10.00- 30.00	23.10
4.401	4.179	0.222	365	3126			1.00- 100.00	3.42
4.401	4.179	0.222	441	10736			0.01- 99.99	79.93
4.401	4.179	0.222	442	72568			40.00- 100.00	79.34
4.401	4.179	0.222	443	13432			17.00- 23.00	18.51

Data File: Zs21842.D

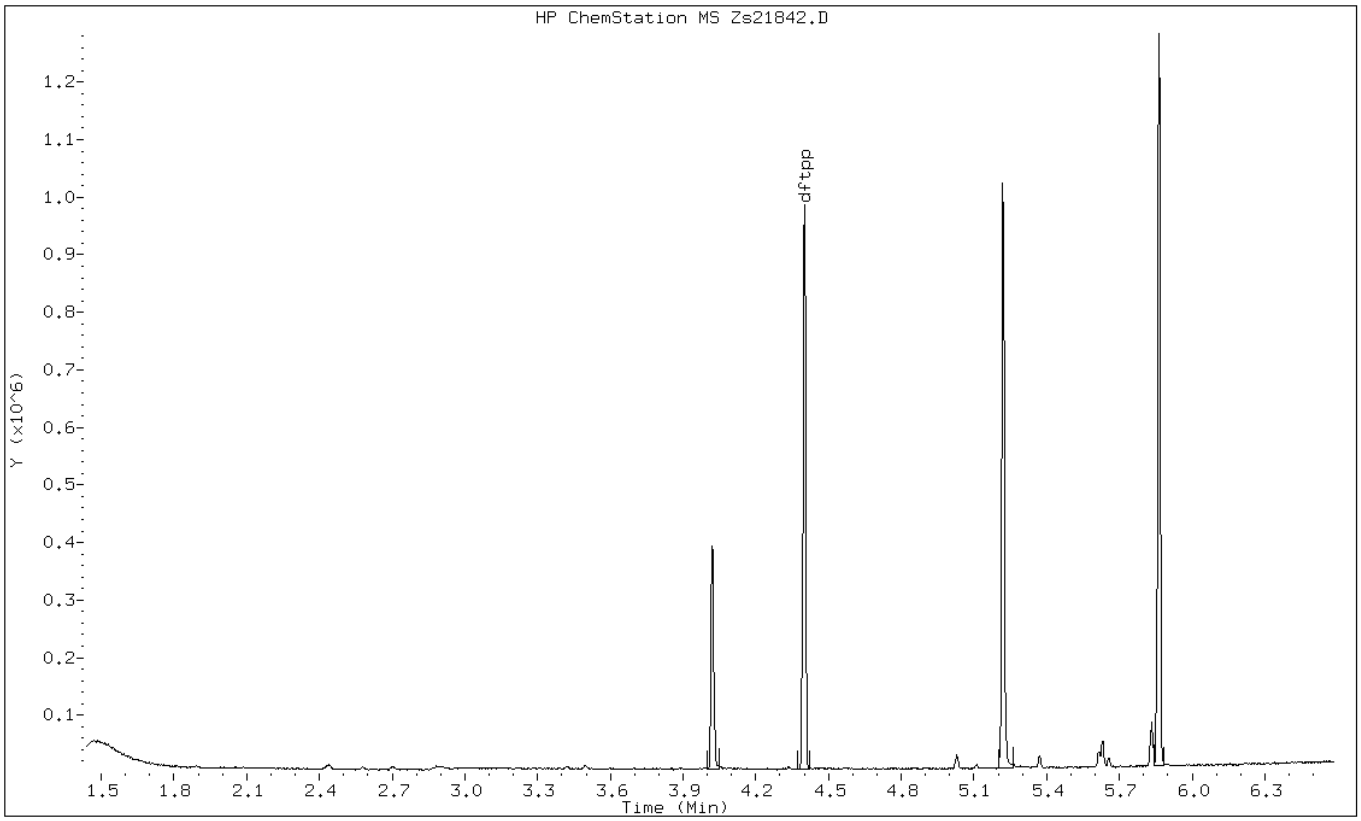
Date: 27-JUL-2011 07:17

Client ID: DFTPP

Instrument: msz.i

Sample Info: DFTPP

Operator: smith



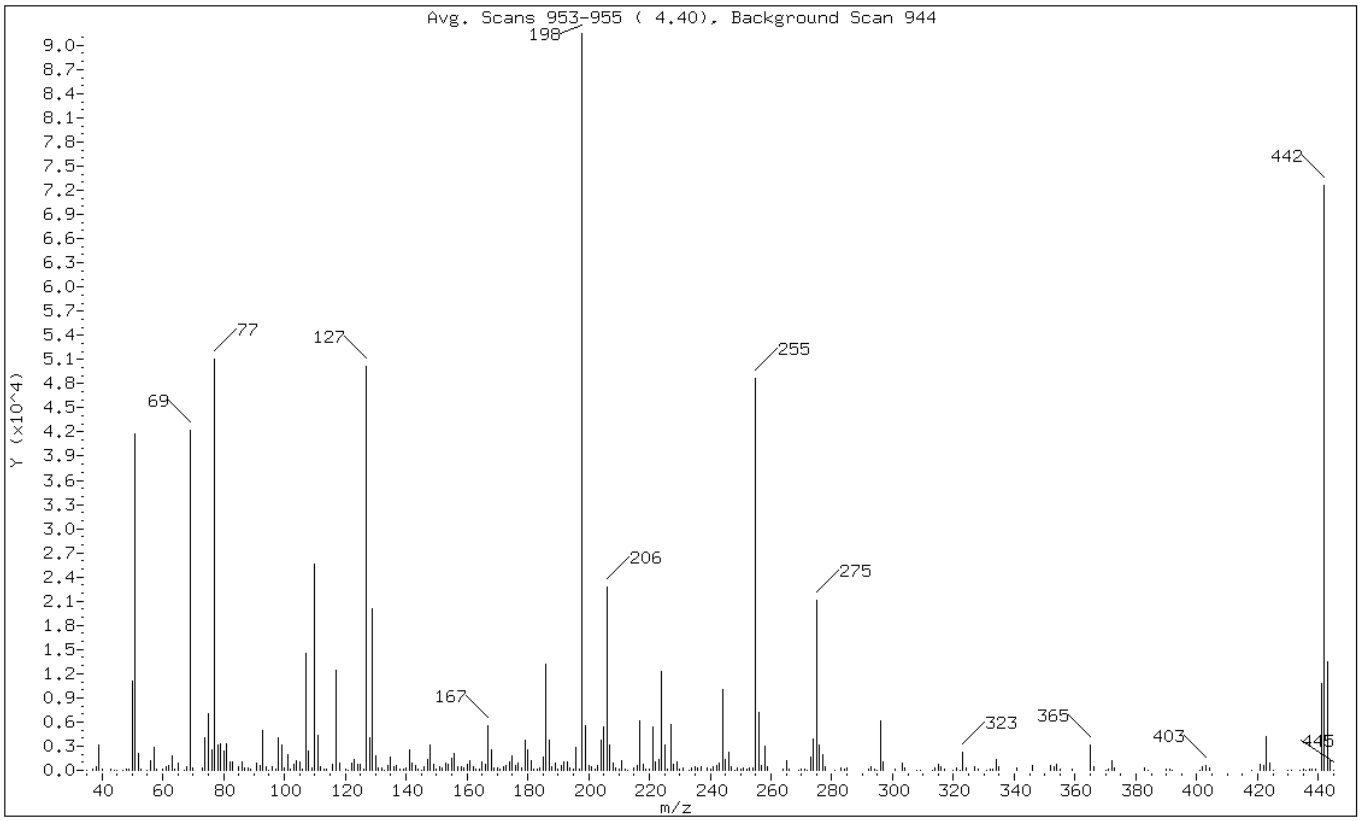
Data File: Zs21842.D

Date: 27-JUL-2011 07:17

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

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	45.74
68	Less than 2.00% of mass 69	0.49 (1.06)
69	Less than 100.00% of mass 198	46.15
70	Less than 2.00% of mass 69	0.33 (0.72)
127	40.00 - 60.00% of mass 198	54.82
197	Less than 1.00% of mass 198	0.23
199	5.00 - 9.00% of mass 198	6.10
275	10.00 - 30.00% of mass 198	23.10
365	1.00 - 100.00% of mass 198	3.42
441	Present, but less than mass 443	11.74
442	40.00 - 100.00% of mass 198	79.34
443	17.00 - 23.00% of mass 442	14.69 (18.51)

Data File: Zs21842.D

Date: 27-JUL-2011 07:17

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

Data File: \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Zs21842.D
Spectrum: Avg. Scans 953-955 (4.40), Background Scan 944
Location of Maximum: 198.00
Number of points: 295

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	41	122.00	906	196.00	2859	281.00	42
37.00	181	123.00	1321	197.00	211	283.00	273
38.00	480	124.00	689	198.00	91464	284.00	133
39.00	3081	125.00	749	199.00	5583	285.00	291
40.00	163	126.00	109	200.00	572	292.00	98
43.00	77	127.00	50136	201.00	432	293.00	424
44.00	64	128.00	4073	202.00	84	294.00	185
45.00	17	129.00	20008	203.00	656	295.00	41
47.00	45	130.00	1752	204.00	3733	296.00	6175
48.00	119	131.00	334	205.00	5320	297.00	987
49.00	153	132.00	263	206.00	22712	301.00	143
50.00	11071	133.00	33	207.00	3076	303.00	878
51.00	41832	134.00	637	208.00	917	304.00	226
52.00	2106	135.00	1598	209.00	353	308.00	52
53.00	203	136.00	518	210.00	157	309.00	45
55.00	36	137.00	635	211.00	1163	313.00	48
56.00	1249	138.00	187	212.00	78	314.00	290
57.00	2826	139.00	161	213.00	72	315.00	761
58.00	146	140.00	283	215.00	303	316.00	418
60.00	93	141.00	2610	216.00	570	317.00	88
61.00	432	142.00	946	217.00	6113	320.00	65
62.00	570	143.00	644	218.00	785	321.00	258
63.00	1778	144.00	165	219.00	138	322.00	66
64.00	164	145.00	61	220.00	114	323.00	2211
65.00	861	146.00	401	221.00	5327	324.00	365
67.00	23	147.00	1417	222.00	1079	327.00	397
68.00	449	148.00	3136	223.00	1353	328.00	128
69.00	42208	149.00	702	224.00	12215	331.00	56
70.00	306	150.00	190	225.00	3105	332.00	87
73.00	294	151.00	388	226.00	215	333.00	119
74.00	4037	152.00	238	227.00	5734	334.00	1294
75.00	7083	153.00	854	228.00	822	335.00	387
76.00	2565	154.00	732	229.00	1078	341.00	251
77.00	51104	155.00	1427	230.00	86	346.00	527
78.00	3210	156.00	2116	231.00	367	352.00	573
79.00	3289	157.00	478	233.00	74	353.00	488
80.00	2430	158.00	479	234.00	261	354.00	713
81.00	3294	159.00	326	235.00	398	355.00	106
82.00	1096	160.00	753	236.00	255	359.00	96
83.00	1002	161.00	1189	237.00	481	365.00	3126

85.00	385	162.00	388	239.00	253	366.00	410
86.00	983	163.00	167	240.00	170	370.00	43
87.00	365	164.00	114	241.00	375	371.00	180
88.00	290	165.00	988	242.00	644	372.00	1176
89.00	95	166.00	778	243.00	870	373.00	262
91.00	862	167.00	5510	244.00	9975	383.00	278
92.00	603	168.00	2517	245.00	1285	384.00	48
93.00	4904	169.00	355	246.00	2199	390.00	180
94.00	452	170.00	247	247.00	431	391.00	103
95.00	54	171.00	192	248.00	55	392.00	40
96.00	400	172.00	411	249.00	356	401.00	74
97.00	171	173.00	672	250.00	123	402.00	406
98.00	4037	174.00	1057	251.00	237	403.00	569
99.00	3082	175.00	1858	252.00	107	404.00	257
100.00	254	176.00	617	253.00	306	418.00	37
101.00	1995	177.00	928	254.00	350	421.00	683
102.00	126	178.00	324	255.00	48624	422.00	616
103.00	740	179.00	3695	256.00	7113	423.00	4181
104.00	1248	180.00	2549	257.00	644	424.00	858
105.00	989	181.00	1175	258.00	2932	425.00	63
106.00	178	182.00	169	259.00	424	430.00	35
107.00	14574	183.00	124	264.00	80	431.00	53
108.00	2341	184.00	237	265.00	1153	434.00	37
109.00	304	185.00	1656	266.00	130	435.00	96
110.00	25640	186.00	13207	269.00	54	436.00	35
111.00	4292	187.00	3691	270.00	113	437.00	102
112.00	488	188.00	399	271.00	178	438.00	187
113.00	161	189.00	955	272.00	56	439.00	187
114.00	82	190.00	206	273.00	1678	441.00	10736
116.00	741	191.00	568	274.00	3896	442.00	72568
117.00	12444	192.00	1063	275.00	21128	443.00	13432
118.00	933	193.00	1041	276.00	3078	444.00	1270
120.00	200	194.00	334	277.00	1970	445.00	59
121.00	48	195.00	200	278.00	447		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53137/1-A

Matrix: Water | Lab File ID: Z21858.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 14:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4.0	U	4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
91-20-3	Naphthalene	4.0	U	4.0	0.30
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
83-32-9	Acenaphthene	4.0	U	4.0	0.31
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53137/1-A

Matrix: Water | Lab File ID: Z21858.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 14:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
100-02-7	4-Nitrophenol	10	U	10	1.5
86-73-7	Fluorene	4.0	U	4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-86-5	Pentachlorophenol	25	U	25	0.31
85-01-8	Phenanthrene	4.0	U	4.0	0.28
86-74-8	Carbazole	4.0	U	4.0	0.33
120-12-7	Anthracene	4.0	U	4.0	0.29
84-74-2	Di-n-butyl phthalate	4.0	U	4.0	0.35
206-44-0	Fluoranthene	4.0	U	4.0	0.31
129-00-0	Pyrene	4.0	U	4.0	0.33
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U	4.0	0.54
117-84-0	Di-n-octyl phthalate	4.0	U	4.0	0.38
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53137/1-A

Matrix: Water | Lab File ID: Z21858.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 14:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	29		13-120
4165-62-2	Phenol-d5	19		10-120
4165-60-0	Nitrobenzene-d5	67		40-120
321-60-8	2-Fluorobiphenyl	71		39-120
118-79-6	2,4,6-Tribromophenol	89		36-120
1718-51-0	Terphenyl-d14	94		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21858.D
Lab Smp Id: MB 220-53137/1-A Client Smp ID: MB 220-53137/1-A
Inj Date : 27-JUL-2011 14:40
Operator : S.Jonas Inst ID: msz.i
Smp Info : MB 220-53137/1-A
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 15 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.784	4.790	(1.000)	272553	20.0000	
$	2 2-Fluorophenol	112	3.336	3.342	(0.697)	277409	21.9228	22
$	3 Phenol-d5	99	4.455	4.473	(0.931)	255245	14.0755	14
*	20 Naphthalene-d8	136	6.145	6.152	(1.000)	1221773	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.396	(0.877)	585605	33.4573	33
	129 Caprolactam	113	6.577	6.668	(1.070)	3837	0.87694	0.9(M)
*	35 Acenaphthene-d10	164	8.007	8.013	(1.000)	721418	20.0000	
$	40 2-Fluorobiphenyl	172	7.311	7.317	(0.913)	1190692	35.3756	35
$	56 2,4,6-Tribromophenol	330	8.843	8.849	(1.104)	314392	66.9459	67
*	57 Phenanthrene-d10	188	9.571	9.580	(1.000)	1159158	20.0000	
*	70 Chrysene-d12	240	12.430	12.442	(1.000)	939808	20.0000	
$	73 Terphenyl-d14	244	11.271	11.274	(0.907)	1530589	47.1585	47
*	79 Perylene-d12	264	14.575	14.587	(1.000)	579080	20.0000	

QC Flag Legend

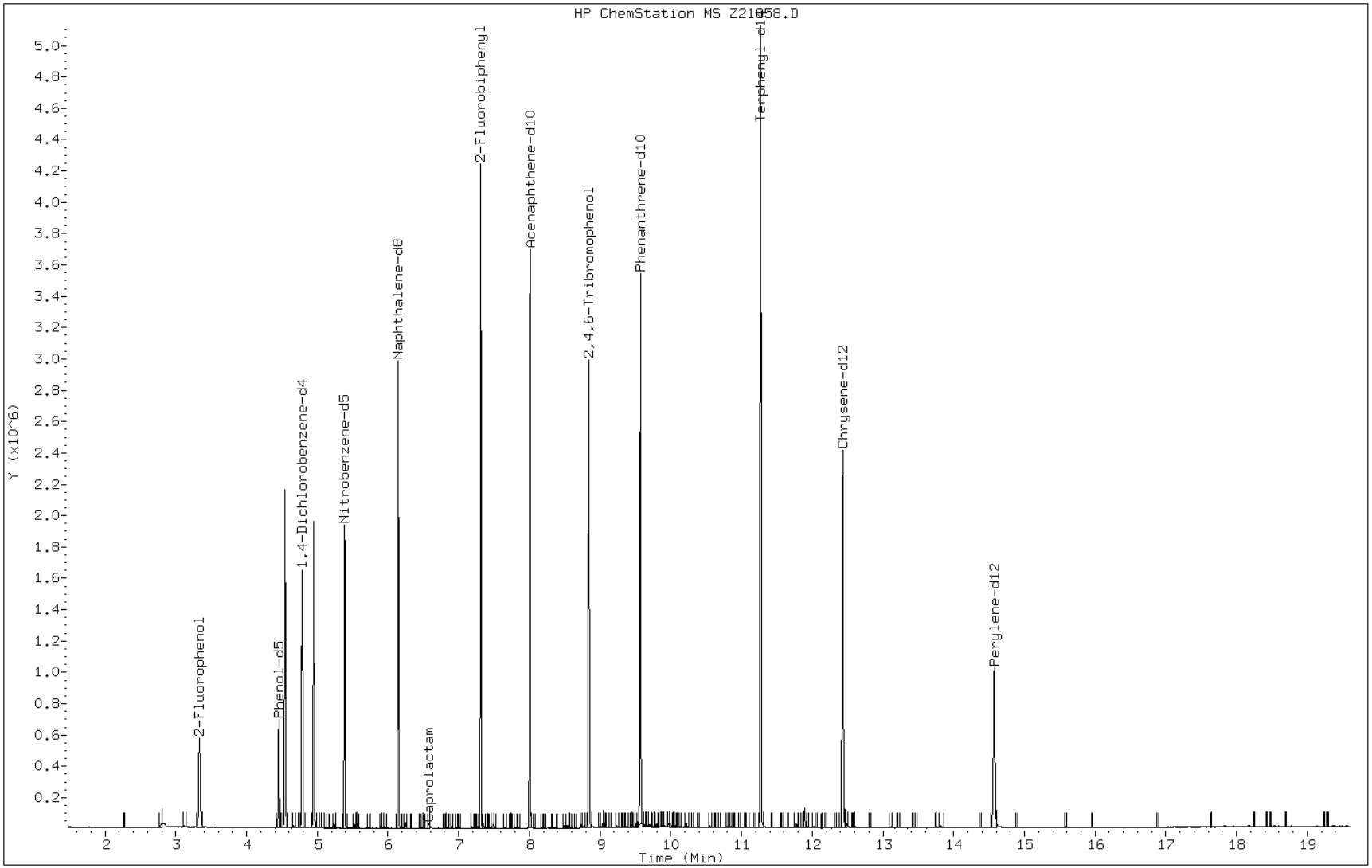
M - Compound response manually integrated.

Data File: Z21858.D

Date: 27-JUL-2011 14:40

Client ID: MB 220-53137/1-A Instrument: msz.i

Sample Info: MB 220-53137/1-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53281/1-A

Matrix: Solid | Lab File ID: C24497.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	270	U	270	18
111-44-4	Bis(2-chloroethyl)ether	270	U	270	14
95-57-8	2-Chlorophenol	270	U	270	16
541-73-1	1,3-Dichlorobenzene	270	U	270	14
106-46-7	1,4-Dichlorobenzene	270	U	270	16
100-51-6	Benzyl alcohol	270	U	270	26
95-50-1	1,2-Dichlorobenzene	270	U	270	16
108-60-1	2,2'-oxybis[1-chloropropane]	270	U	270	14
95-48-7	2-Methylphenol	270	U	270	16
67-72-1	Hexachloroethane	270	U	270	15
621-64-7	N-Nitrosodi-n-propylamine	270	U	270	18
106-44-5	4-Methylphenol	270	U	270	18
98-95-3	Nitrobenzene	270	U	270	17
78-59-1	Isophorone	270	U	270	15
88-75-5	2-Nitrophenol	270	U	270	17
105-67-9	2,4-Dimethylphenol	270	U	270	13
111-91-1	Bis(2-chloroethoxy)methane	270	U	270	13
120-83-2	2,4-Dichlorophenol	270	U	270	14
120-82-1	1,2,4-Trichlorobenzene	270	U	270	18
91-20-3	Naphthalene	270	U	270	14
106-47-8	4-Chloroaniline	270	U	270	44
87-68-3	Hexachlorobutadiene	270	U	270	21
59-50-7	4-Chloro-3-methylphenol	270	U	270	11
91-57-6	2-Methylnaphthalene	270	U	270	7.7
77-47-4	Hexachlorocyclopentadiene	670	U	670	130
88-06-2	2,4,6-Trichlorophenol	270	U	270	7.4
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	14
91-58-7	2-Chloronaphthalene	270	U	270	12
88-74-4	2-Nitroaniline	670	U	670	16
208-96-8	Acenaphthylene	270	U	270	13
131-11-3	Dimethyl phthalate	270	U	270	16
606-20-2	2,6-Dinitrotoluene	270	U	270	7.9
83-32-9	Acenaphthene	270	U	270	16
99-09-2	3-Nitroaniline	670	U	670	8.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53281/1-A

Matrix: Solid | Lab File ID: C24497.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1700	U	1700	81
132-64-9	Dibenzofuran	270	U	270	19
121-14-2	2,4-Dinitrotoluene	270	U	270	22
100-02-7	4-Nitrophenol	1700	U	1700	20
86-73-7	Fluorene	270	U	270	16
7005-72-3	4-Chlorophenyl phenyl ether	270	U	270	20
84-66-2	Diethyl phthalate	270	U	270	27
100-01-6	4-Nitroaniline	270	U	270	21
534-52-1	4,6-Dinitro-2-methylphenol	1700	U	1700	120
86-30-6	N-Nitrosodiphenylamine	270	U	270	15
101-55-3	4-Bromophenyl phenyl ether	270	U	270	17
118-74-1	Hexachlorobenzene	270	U	270	19
87-86-5	Pentachlorophenol	670	U	670	160
85-01-8	Phenanthrene	270	U	270	13
86-74-8	Carbazole	270	U	270	15
120-12-7	Anthracene	270	U	270	11
84-74-2	Di-n-butyl phthalate	270	U	270	39
206-44-0	Fluoranthene	270	U	270	13
129-00-0	Pyrene	270	U	270	13
85-68-7	Butyl benzyl phthalate	270	U	270	15
91-94-1	3,3'-Dichlorobenzidine	330	U	330	56
56-55-3	Benzo[a]anthracene	270	U	270	9.6
218-01-9	Chrysene	270	U	270	20
117-81-7	Bis(2-ethylhexyl) phthalate	211	J	270	26
117-84-0	Di-n-octyl phthalate	270	U	270	15
205-99-2	Benzo[b]fluoranthene	270	U	270	7.2
207-08-9	Benzo[k]fluoranthene	270	U	270	24
50-32-8	Benzo[a]pyrene	270	U	270	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	270	U	270	18
53-70-3	Dibenz(a,h)anthracene	270	U	270	21
191-24-2	Benzo[g,h,i]perylene	270	U	270	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53281/1-A

Matrix: Solid Lab File ID: C24497.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) Date Analyzed: 07/27/2011 08:01

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	70		34-120
4165-62-2	Phenol-d5	70		36-120
4165-60-0	Nitrobenzene-d5	70		38-120
321-60-8	2-Fluorobiphenyl	67		41-120
118-79-6	2,4,6-Tribromophenol	74		37-120
1718-51-0	Terphenyl-d14	63		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24497.D
Lab Smp Id: MB 220-53281/1-A Client Smp ID: MB 220-53281/1-A
Inj Date : 27-JUL-2011 08:01
Operator : S.Jonas Inst ID: msc.i
Smp Info : MB 220-53281/1-A
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.000	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

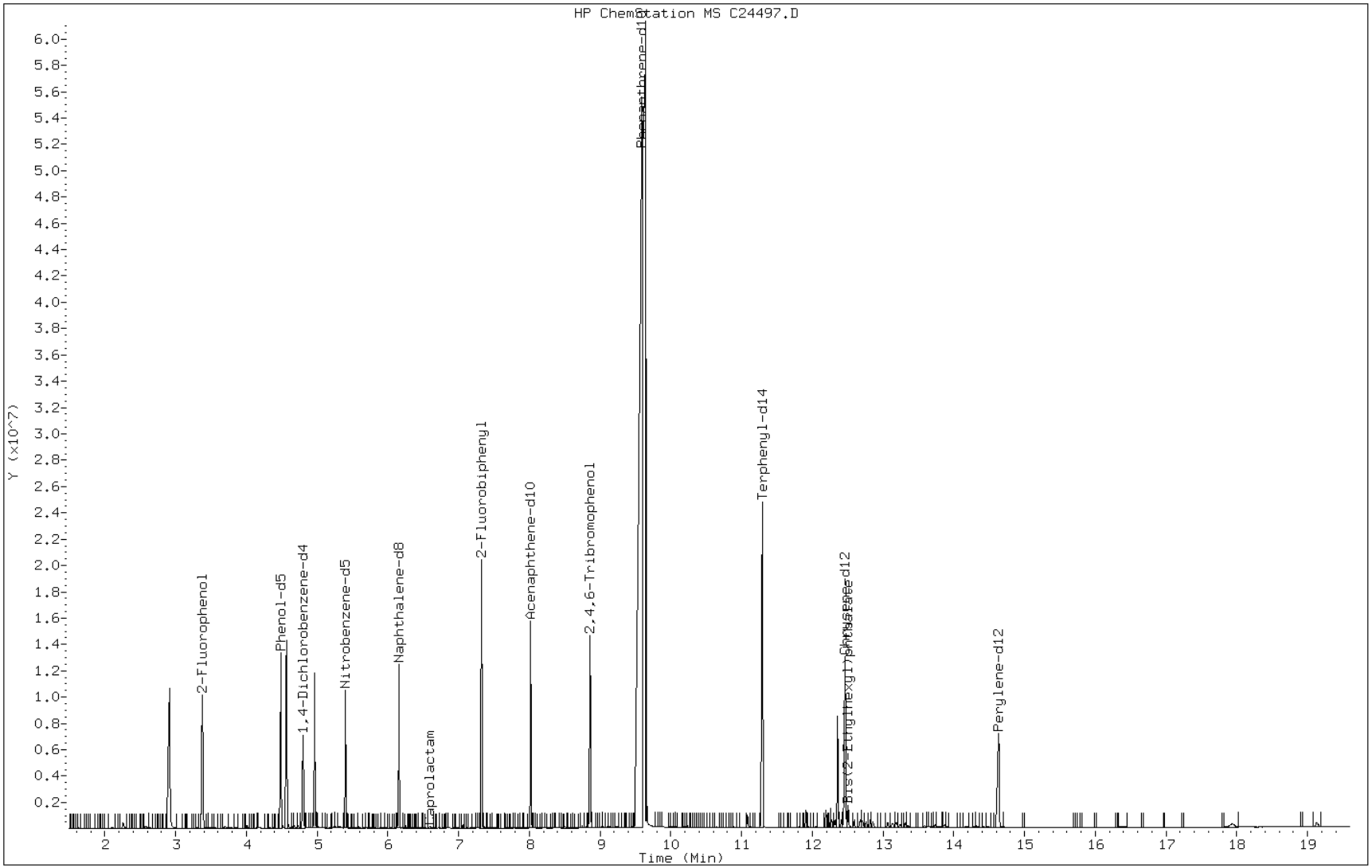
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1159367	20.0000	
$	2	2-Fluorophenol	112	3.380	3.356	(0.704)	3322075	52.2122	3500
$	3	Phenol-d5	99	4.490	4.490	(0.936)	4574103	52.6226	3500
*	20	Naphthalene-d8	136	6.157	6.163	(1.000)	4794281	20.0000	
$	21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2899503	35.1473	2300
	129	Caprolactam	113	6.591	6.686	(1.070)	15908	0.69074	46
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3030963	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5991608	33.5365	2200
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1448425	55.5670	3700
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	4396975	20.0000	
*	70	Chrysene-d12	240	12.467	12.472	(1.000)	5654522	20.0000	
$	73	Terphenyl-d14	244	11.291	11.291	(0.906)	7708260	31.7332	2100
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.003)	509625	3.16066	210
*	79	Perylene-d12	264	14.633	14.633	(1.000)	4488072	20.0000	

Data File: C24497.D

Date: 27-JUL-2011 08:01

Client ID: MB 220-53281/1-A Instrument: msc.i

Sample Info: MB 220-53281/1-A Operator: S.Jonas



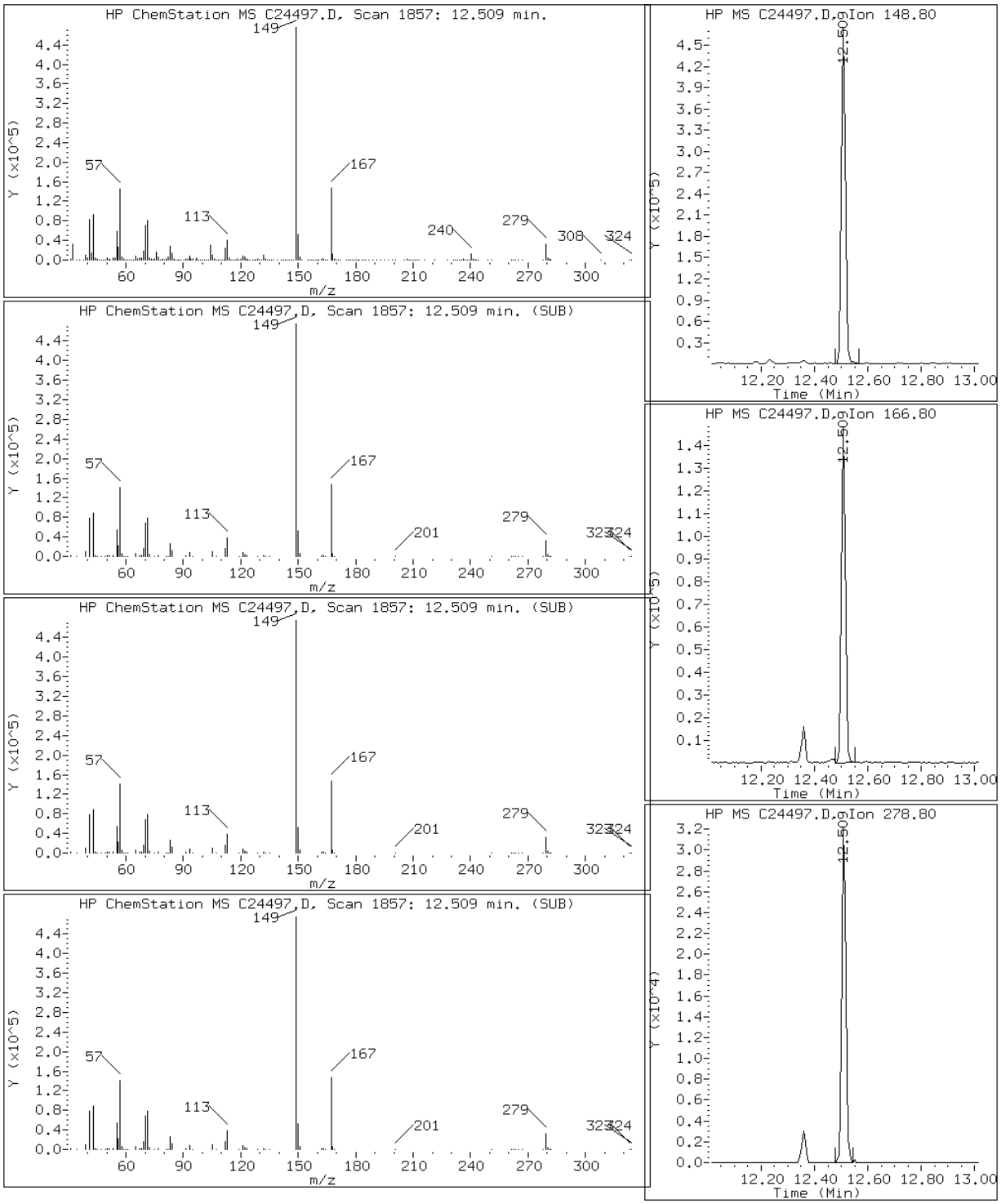
Data File: C24497.D

Date: 27-JUL-2011 08:01

Client ID: MB 220-53281/1-A Instrument: msc.i

Sample Info: MB 220-53281/1-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53137/2-A

Matrix: Water | Lab File ID: Z21859.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 15:08

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10.1		4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	30.5		4.0	0.29
95-57-8	2-Chlorophenol	28.4		4.0	0.23
541-73-1	1,3-Dichlorobenzene	27.4		4.0	0.25
106-46-7	1,4-Dichlorobenzene	27.5		4.0	0.31
100-51-6	Benzyl alcohol	26.3		4.0	0.41
95-50-1	1,2-Dichlorobenzene	28.0		4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	31.7		4.0	0.25
95-48-7	2-Methylphenol	25.2		4.0	0.24
67-72-1	Hexachloroethane	27.3		4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	34.7		4.0	0.33
106-44-5	4-Methylphenol	44.2		4.0	0.29
98-95-3	Nitrobenzene	32.8		4.0	0.28
78-59-1	Isophorone	36.2		4.0	0.31
88-75-5	2-Nitrophenol	34.5		4.0	0.27
105-67-9	2,4-Dimethylphenol	32.8		4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	34.7		4.0	0.31
120-83-2	2,4-Dichlorophenol	34.2		4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	30.1		4.0	0.36
91-20-3	Naphthalene	32.1		4.0	0.30
106-47-8	4-Chloroaniline	35.2		4.0	0.29
87-68-3	Hexachlorobutadiene	29.4		4.0	0.20
59-50-7	4-Chloro-3-methylphenol	37.6		5.0	0.34
91-57-6	2-Methylnaphthalene	34.3		4.0	0.27
77-47-4	Hexachlorocyclopentadiene	26.4		4.0	0.35
88-06-2	2,4,6-Trichlorophenol	40.4		4.0	0.37
95-95-4	2,4,5-Trichlorophenol	41.6		10	0.28
91-58-7	2-Chloronaphthalene	36.1		4.0	0.39
88-74-4	2-Nitroaniline	42.2		4.0	0.34
208-96-8	Acenaphthylene	38.2		4.0	0.34
131-11-3	Dimethyl phthalate	43.1		4.0	0.38
606-20-2	2,6-Dinitrotoluene	44.9		4.0	0.26
83-32-9	Acenaphthene	39.5		4.0	0.31
99-09-2	3-Nitroaniline	42.2		4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53137/2-A

Matrix: Water | Lab File ID: Z21859.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 15:08

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	38.1		25	0.43
132-64-9	Dibenzofuran	40.4		4.0	0.43
121-14-2	2,4-Dinitrotoluene	44.7		4.0	0.40
100-02-7	4-Nitrophenol	14.0		10	1.5
86-73-7	Fluorene	42.8		4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	42.0		4.0	0.35
84-66-2	Diethyl phthalate	45.3		4.0	0.43
100-01-6	4-Nitroaniline	44.8		4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	42.9		25	1.9
86-30-6	N-Nitrosodiphenylamine	43.8		4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	44.6		4.0	0.44
118-74-1	Hexachlorobenzene	43.7		4.0	0.33
87-86-5	Pentachlorophenol	43.2		25	0.31
85-01-8	Phenanthrene	44.4		4.0	0.28
86-74-8	Carbazole	45.4		4.0	0.33
120-12-7	Anthracene	44.7		4.0	0.29
84-74-2	Di-n-butyl phthalate	46.8		4.0	0.35
206-44-0	Fluoranthene	46.3		4.0	0.31
129-00-0	Pyrene	44.1		4.0	0.33
85-68-7	Butyl benzyl phthalate	48.2		4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	36.9		4.0	0.36
56-55-3	Benzo[a]anthracene	45.1		4.0	0.30
218-01-9	Chrysene	45.1		4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	51.8		4.0	0.54
117-84-0	Di-n-octyl phthalate	51.5		4.0	0.38
205-99-2	Benzo[b]fluoranthene	45.5		4.0	0.36
207-08-9	Benzo[k]fluoranthene	47.5		4.0	0.40
50-32-8	Benzo[a]pyrene	44.3		4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	41.1		4.0	0.28
53-70-3	Dibenz(a,h)anthracene	44.7		4.0	0.38
191-24-2	Benzo[g,h,i]perylene	39.9		4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53137/2-A

Matrix: Water Lab File ID: Z21859.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) Date Analyzed: 07/27/2011 15:08

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	37		13-120
4165-62-2	Phenol-d5	24		10-120
4165-60-0	Nitrobenzene-d5	82		40-120
321-60-8	2-Fluorobiphenyl	89		39-120
118-79-6	2,4,6-Tribromophenol	118	E	36-120
1718-51-0	Terphenyl-d14	111		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21859.D
Lab Smp Id: LCS 220-53137/2-A Client Smp ID: LCS 220-53137/2-A
Inj Date : 27-JUL-2011 15:08
Operator : S.Jonas Inst ID: msz.i
Smp Info : LCS 220-53137/2-A
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 16 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.787	4.790	(1.000)	289288	20.0000	
$	2 2-Fluorophenol	112	3.339	3.342	(0.697)	373842	27.8346	28
$	3 Phenol-d5	99	4.464	4.473	(0.932)	349586	18.1628	18
	4 Pyridine	52	1.555	1.555	(0.325)	60372	18.3524	18
	5 N-Nitrosodimethylamine	42	1.545	1.545	(0.323)	50488	19.4874	19
	7 Phenol	94	4.476	4.486	(0.935)	209240	10.1445	10
	8 Aniline	93	4.442	4.445	(0.928)	666802	29.8154	30
	9 bis(2-Chloroethyl)ether	63	4.539	4.545	(0.948)	374395	30.4874	30
	10 2-Chlorophenol	128	4.566	4.570	(0.954)	495518	28.3680	28
	11 1,3-Dichlorobenzene	146	4.722	4.725	(0.986)	535136	27.4396	27
	12 1,4-Dichlorobenzene	146	4.806	4.809	(1.004)	546736	27.5273	28
	13 Benzyl alcohol	108	4.971	4.977	(1.038)	273914	26.2582	26
	14 1,2-Dichlorobenzene	146	4.967	4.970	(1.038)	514241	27.9536	28
	15 2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.071)	675603	31.6903	32
	16 2-Methylphenol	108	5.117	5.126	(1.069)	388164	25.1970	25
	17 Hexachloroethane	117	5.325	5.328	(1.112)	223138	27.2670	27
	18 N-Nitroso-di-n-propylamine	70	5.269	5.272	(1.101)	440064	34.7021	35
	19 4-Methylphenol	108	5.297	5.294	(1.106)	744998	44.2232	44
*	20 Naphthalene-d8	136	6.152	6.152	(1.000)	1311088	20.0000	
$	21 Nitrobenzene-d5	82	5.393	5.396	(0.877)	773338	41.1732	41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	22 Nitrobenzene	77	5.415	5.418	(0.880)	632629	32.8489	33
	23 Isophorone	82	5.682	5.685	(0.924)	1254732	36.1675	36
	24 2-Nitrophenol	139	5.757	5.757	(0.936)	358632	34.5291	34
	25 2,4-Dimethylphenol	122	5.847	5.850	(0.950)	493520	32.7978	33
	26 Benzoic Acid	122	5.928	6.018	(0.964)	24146	2.98565	3(R)
	27 Bis(2-Chloroethoxy)methane	93	5.937	5.937	(0.965)	757034	34.6883	35
	28 2,4-Dichlorophenol	162	6.024	6.027	(0.979)	496015	34.1953	34
	29 1,2,4-Trichlorobenzene	180	6.099	6.102	(0.991)	491362	30.1433	30
	30 Naphthalene	128	6.173	6.176	(1.004)	1716981	32.1031	32
	31 4-Chloroaniline	127	6.251	6.254	(1.016)	733501	35.2420	35
	32 Hexachlorobutadiene	225	6.329	6.332	(1.029)	260338	29.4122	29
	33 4-Chloro-3-methylphenol	107	6.792	6.804	(1.104)	591666	37.6372	38
	34 2-Methylnaphthalene	142	6.913	6.916	(1.124)	1216850	34.2669	34
*	35 Acenaphthene-d10	164	8.013	8.013	(1.000)	789659	20.0000	
	37 Hexachlorocyclopentadiene	237	7.093	7.096	(0.885)	255485	26.3585	26
	38 2,4,6-Trichlorophenol	196	7.227	7.230	(0.902)	420886	40.4039	40
	39 2,4,5-Trichlorophenol	196	7.261	7.270	(0.906)	452389	41.5728	42
$	40 2-Fluorobiphenyl	172	7.317	7.317	(0.913)	1642815	44.5903	44
	41 2-Chloronaphthalene	162	7.426	7.429	(0.927)	1206451	36.0549	36
	42 2-Nitroaniline	65	7.550	7.550	(0.942)	433309	42.2054	42
	43 Acenaphthylene	152	7.861	7.861	(0.981)	2120862	38.1605	38
	44 Dimethylphthalate	163	7.771	7.762	(0.970)	1623263	43.1393	43
	45 2,6-Dinitrotoluene	165	7.818	7.814	(0.976)	400939	44.9048	45
	46 Acenaphthene	153	8.051	8.051	(1.005)	1355296	39.4858	39
	47 3-Nitroaniline	138	7.992	7.988	(0.997)	415715	42.2407	42
	48 2,4-Dinitrophenol	184	8.094	8.094	(1.010)	196203	38.1221	38
	49 Dibenzofuran	168	8.231	8.234	(1.027)	1913677	40.3807	40
	50 2,4-Dinitrotoluene	165	8.240	8.237	(1.028)	531081	44.6683	45
	51 4-Nitrophenol	109	8.191	8.197	(1.022)	65622	13.9737	14
	52 Fluorene	166	8.595	8.595	(1.073)	1635539	42.7875	43
	53 4-Chlorophenyl-phenylether	204	8.604	8.604	(1.074)	766228	42.0164	42
	54 Diethylphthalate	149	8.511	8.511	(1.062)	1743309	45.3246	45
	55 4-Nitroaniline	138	8.641	8.641	(1.078)	423957	44.8012	45
$	56 2,4,6-Tribromophenol	330	8.853	8.849	(1.105)	456070	88.7220	89(A)
*	57 Phenanthrene-d10	188	9.577	9.580	(1.000)	1276711	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.672	8.669	(0.906)	309713	42.9123	43
	59 N-Nitrosodiphenylamine (1)	169	8.738	8.738	(0.912)	1229975	43.8183	44
	60 1,2-Diphenylhydrazine	77	8.775	8.775	(0.916)	1819984	41.5089	42
	61 4-Bromophenyl-phenylether	248	9.117	9.117	(0.952)	456046	44.5866	44
	62 Hexachlorobenzene	284	9.182	9.182	(0.959)	480561	43.6578	44
	63 Pentachlorophenol	266	9.390	9.393	(0.981)	289151	43.2029	43
	64 Phenanthrene	178	9.605	9.608	(1.003)	2419826	44.4231	44
	65 Carbazole	167	9.838	9.838	(1.027)	2260186	45.4239	45
	66 Anthracene	178	9.661	9.661	(1.009)	2468038	44.6660	45
	67 Di-n-butylphthalate	149	10.226	10.229	(1.068)	2941071	46.7590	47
	68 Fluoranthene	202	10.857	10.860	(1.134)	2531867	46.3412	46
*	70 Chrysene-d12	240	12.442	12.442	(1.000)	1095252	20.0000	
	72 Pyrene	202	11.097	11.097	(0.892)	2536495	44.0579	44
$	73 Terphenyl-d14	244	11.274	11.274	(0.906)	2101019	55.5464	56
	74 Butylbenzylphthalate	149	11.799	11.799	(0.948)	1142467	48.2271	48
	75 3,3'-Dichlorobenzidine	252	12.405	12.408	(0.997)	469419	36.8557	37
	76 Benzo(a)anthracene	228	12.427	12.430	(0.999)	2092784	45.1072	45
	77 Chrysene	228	12.480	12.480	(1.003)	2008610	45.0904	45
	78 Bis(2-Ethylhexyl)phthalate	149	12.486	12.489	(1.003)	1361656	51.8214	52(R)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
* 79 Perylene-d12	264	14.581	14.587	(1.000)	627996	20.0000	
80 Di-n-octylphthalate	149	13.387	13.390	(0.918)	1626955	51.4567	51(R)
81 Benzo(b)fluoranthene	252	13.953	13.956	(0.957)	1339461	45.5168	46
82 Benzo(k)fluoranthene	252	14.000	14.003	(0.960)	1453557	47.4834	47
83 Benzo(a)pyrene	252	14.484	14.487	(0.993)	1004966	44.3034	44
84 Indeno(1,2,3-cd)pyrene	276	16.554	16.561	(1.135)	536006	41.1089	41
85 Dibenzo(a,h)anthracene	278	16.607	16.613	(1.139)	562538	44.7245	45
86 Benzo(g,h,i)perylene	276	17.073	17.083	(1.171)	515911	39.8648	40

QC Flag Legend

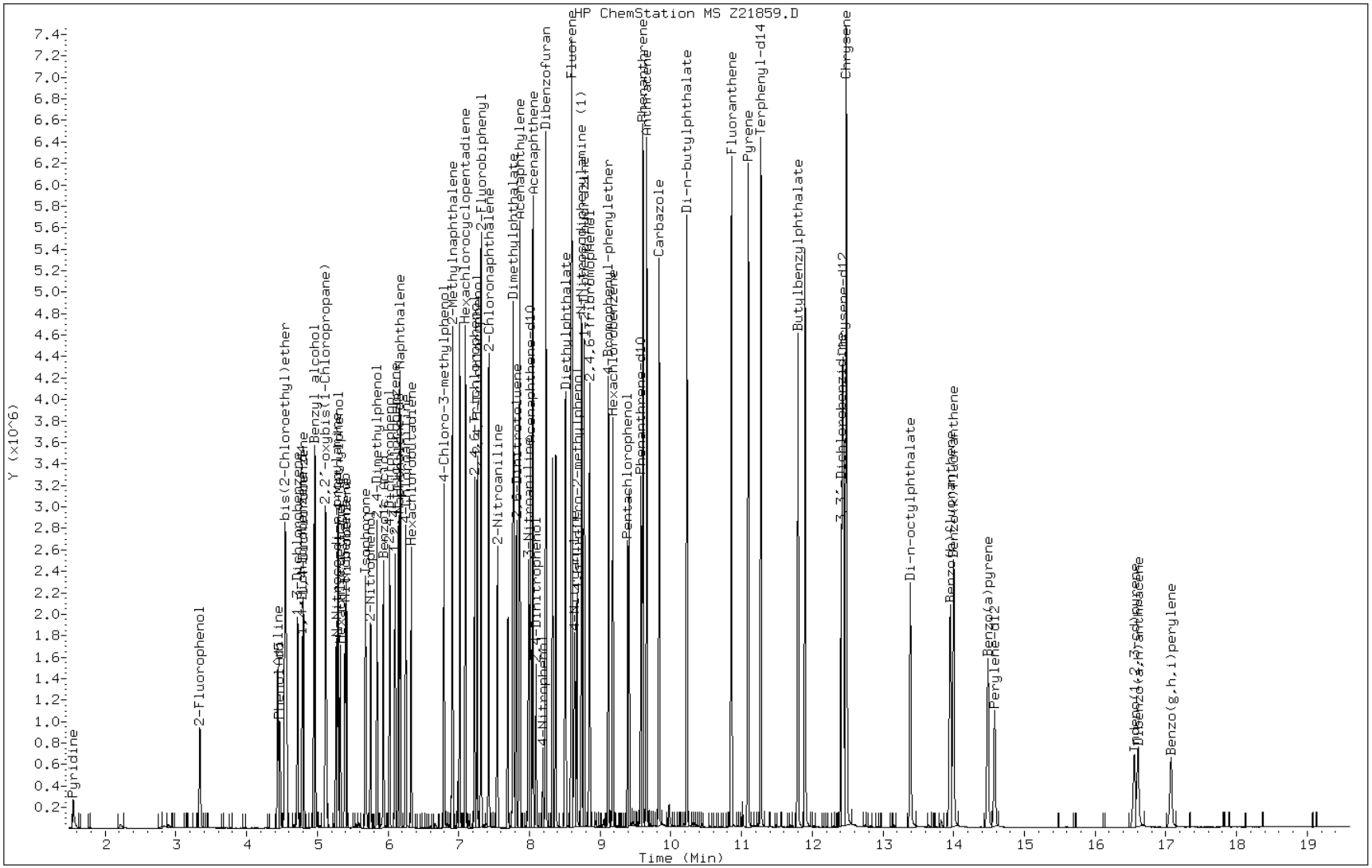
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: Z21859.D

Date: 27-JUL-2011 15:08

Client ID: LCS 220-53137/2-A Instrument: msz.i

Sample Info: LCS 220-53137/2-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53281/2-A

Matrix: Solid | Lab File ID: C24498.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1650		270	18
111-44-4	Bis(2-chloroethyl)ether	1640		270	14
95-57-8	2-Chlorophenol	1650		270	16
541-73-1	1,3-Dichlorobenzene	1540		270	14
106-46-7	1,4-Dichlorobenzene	1540		270	16
100-51-6	Benzyl alcohol	1850		270	26
95-50-1	1,2-Dichlorobenzene	1550		270	16
108-60-1	2,2'-oxybis[1-chloropropane]	1700		270	14
95-48-7	2-Methylphenol	1730		270	16
67-72-1	Hexachloroethane	1560		270	15
621-64-7	N-Nitrosodi-n-propylamine	1740		270	18
106-44-5	4-Methylphenol	3490		270	18
98-95-3	Nitrobenzene	1630		270	17
78-59-1	Isophorone	1710		270	15
88-75-5	2-Nitrophenol	1700		270	17
105-67-9	2,4-Dimethylphenol	1710		270	13
111-91-1	Bis(2-chloroethoxy)methane	1650		270	13
120-83-2	2,4-Dichlorophenol	1710		270	14
120-82-1	1,2,4-Trichlorobenzene	1570		270	18
91-20-3	Naphthalene	1680		270	14
106-47-8	4-Chloroaniline	1230		270	44
87-68-3	Hexachlorobutadiene	1570		270	21
59-50-7	4-Chloro-3-methylphenol	1860		270	11
91-57-6	2-Methylnaphthalene	1680		270	7.7
77-47-4	Hexachlorocyclopentadiene	1510		670	130
88-06-2	2,4,6-Trichlorophenol	1810		270	7.4
95-95-4	2,4,5-Trichlorophenol	1840		1700	14
91-58-7	2-Chloronaphthalene	1660		270	12
88-74-4	2-Nitroaniline	1900		670	16
208-96-8	Acenaphthylene	1780		270	13
131-11-3	Dimethyl phthalate	1820		270	16
606-20-2	2,6-Dinitrotoluene	1910		270	7.9
83-32-9	Acenaphthene	1720		270	16
99-09-2	3-Nitroaniline	1500		670	8.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53281/2-A

Matrix: Solid | Lab File ID: C24498.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2570		1700	81
132-64-9	Dibenzofuran	1770		270	19
121-14-2	2,4-Dinitrotoluene	1940		270	22
100-02-7	4-Nitrophenol	2190		1700	20
86-73-7	Fluorene	1790		270	16
7005-72-3	4-Chlorophenyl phenyl ether	1760		270	20
84-66-2	Diethyl phthalate	1920		270	27
100-01-6	4-Nitroaniline	1950		270	21
534-52-1	4,6-Dinitro-2-methylphenol	2220		1700	120
86-30-6	N-Nitrosodiphenylamine	1810		270	15
101-55-3	4-Bromophenyl phenyl ether	1780		270	17
118-74-1	Hexachlorobenzene	1760		270	19
87-86-5	Pentachlorophenol	2130		670	160
85-01-8	Phenanthrene	1830		270	13
86-74-8	Carbazole	1900		270	15
120-12-7	Anthracene	1870		270	11
84-74-2	Di-n-butyl phthalate	1930		270	39
206-44-0	Fluoranthene	1880		270	13
129-00-0	Pyrene	1690		270	13
85-68-7	Butyl benzyl phthalate	2050		270	15
91-94-1	3,3'-Dichlorobenzidine	1640		330	56
56-55-3	Benzo[a]anthracene	1870		270	9.6
218-01-9	Chrysene	1820		270	20
117-81-7	Bis(2-ethylhexyl) phthalate	2530		270	26
117-84-0	Di-n-octyl phthalate	2150		270	15
205-99-2	Benzo[b]fluoranthene	1670		270	7.2
207-08-9	Benzo[k]fluoranthene	1750		270	24
50-32-8	Benzo[a]pyrene	1810		270	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	1810		270	18
53-70-3	Dibenz(a,h)anthracene	1840		270	21
191-24-2	Benzo[g,h,i]perylene	1540		270	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53281/2-A

Matrix: Solid Lab File ID: C24498.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) Date Analyzed: 07/27/2011 08:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	61		34-120
4165-62-2	Phenol-d5	63		36-120
4165-60-0	Nitrobenzene-d5	62		38-120
321-60-8	2-Fluorobiphenyl	62		41-120
118-79-6	2,4,6-Tribromophenol	72		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24498.D
Lab Smp Id: LCS 220-53281/2-A Client Smp ID: LCS 220-53281/2-A
Inj Date : 27-JUL-2011 08:32
Operator : S.Jonas Inst ID: msc.i
Smp Info : LCS 220-53281/2-A
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.000	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1193606	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3001156	45.8154	3100
$ 3	Phenol-d5	99	4.495	4.490	(0.936)	4232624	47.2973	3200
4	Pyridine	52	1.587	1.563	(0.330)	437143	18.1630	1200
5	N-Nitrosodimethylamine	42	1.575	1.552	(0.328)	440509	23.5050	1600
7	Phenol	94	4.507	4.501	(0.938)	2407989	24.6900	1600
8	Aniline	93	4.460	4.454	(0.928)	2303477	22.2590	1500
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.948)	1644546	24.5728	1600
10	2-Chlorophenol	128	4.584	4.584	(0.954)	2059988	24.7226	1600
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.986)	2174217	23.1115	1500
12	1,4-Dichlorobenzene	146	4.822	4.816	(1.004)	2233502	23.0713	1500
13	Benzyl alcohol	108	4.988	4.988	(1.038)	1322410	27.7103	1800
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.037)	2109217	23.1773	1500
15	2,2'-oxybis(1-Chloropropane)	45	5.136	5.136	(1.069)	3608253	25.4293	1700
16	2-Methylphenol	108	5.136	5.142	(1.069)	1858156	25.9595	1700
17	Hexachloroethane	117	5.338	5.338	(1.111)	924546	23.4234	1600
18	N-Nitroso-di-n-propylamine	70	5.279	5.285	(1.099)	1565027	26.0764	1700
19	4-Methylphenol	108	5.315	5.309	(1.106)	4048504	52.3561	3500(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5017535	20.0000	
$	21 Nitrobenzene-d5	82	5.404	5.409	(0.877)	2659842	30.8076	2100
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2143339	24.4774	1600
	23 Isophorone	82	5.694	5.694	(0.924)	4160160	25.7178	1700
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1260064	25.4703	1700
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	1889924	25.6484	1700
	26 Benzoic Acid	122	6.045	6.045	(0.981)	985807	33.7256	2200
	27 Bis(2-Chloroethoxy)methane	93	5.944	5.950	(0.964)	2487496	24.6954	1600
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	1876638	25.6330	1700
	29 1,2,4-Trichlorobenzene	180	6.110	6.116	(0.991)	1934204	23.5562	1600
	30 Naphthalene	128	6.187	6.187	(1.004)	6152896	25.2280	1700
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	1907270	18.4561	1200
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1148059	23.5472	1600
	33 4-Chloro-3-methylphenol	107	6.804	6.822	(1.104)	2062784	27.8546	1900
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	4323355	25.2478	1700
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3178535	20.0000	
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	1054879	22.7061	1500
	38 2,4,6-Trichlorophenol	196	7.238	7.243	(0.902)	1511854	27.1168	1800
	39 2,4,5-Trichlorophenol	196	7.279	7.285	(0.907)	1575392	27.5353	1800
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5798388	30.9482	2100
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4176607	24.9173	1700
	42 2-Nitroaniline	65	7.558	7.564	(0.942)	1525299	28.5728	1900
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7213874	26.6852	1800
	44 Dimethylphthalate	163	7.784	7.778	(0.970)	5257711	27.2748	1800
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1337928	28.7240	1900
	46 Acenaphthene	153	8.063	8.063	(1.004)	4511978	25.7553	1700
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1186432	22.5344	1500
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	721522	38.5730	2600
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6452835	26.4993	1800
	50 2,4-Dinitrotoluene	165	8.253	8.252	(1.028)	1834939	29.0916	1900
	51 4-Nitrophenol	109	8.211	8.217	(1.023)	694215	32.7985	2200
	52 Fluorene	166	8.609	8.609	(1.072)	5426347	26.8858	1800
	53 4-Chlorophenyl-phenylether	204	8.615	8.620	(1.073)	2639434	26.4652	1800
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5803336	28.8221	1900
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1516258	29.2192	1900
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1471097	53.8165	3600
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	5680398	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1085625	33.3237	2200
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4181689	27.1212	1800
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	5737000	26.6040	1800
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1630261	26.6550	1800
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1712677	26.4146	1800
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1021078	31.9683	2100
	64 Phenanthrene	178	9.624	9.624	(1.003)	8038886	27.4884	1800
	65 Carbazole	167	9.855	9.855	(1.027)	7948939	28.5087	1900
	66 Anthracene	178	9.677	9.677	(1.009)	8175644	28.0284	1900
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9407577	28.9550	1900
	68 Fluoranthene	202	10.876	10.876	(1.134)	8944026	28.2132	1900
*	70 Chrysene-d12	240	12.473	12.472	(1.000)	5755593	20.0000	
	72 Pyrene	202	11.113	11.113	(0.891)	9044152	25.3215	1700
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	7666582	31.0074	2100
	74 Butylbenzylphthalate	149	11.814	11.820	(0.947)	4738921	30.7395	2000
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2178271	24.5768	1600
	76 Benzo(a)anthracene	228	12.455	12.455	(0.999)	8825330	28.0088	1900

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
77	Chrysene	228	12.508	12.508	(1.003)	8080748	27.3207	1800
78	Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	6219934	37.8982	2500
* 79	Perylene-d12	264	14.639	14.633	(1.000)	4002791	20.0000	
80	Di-n-octylphthalate	149	13.422	13.428	(0.917)	8235802	32.1758	2100
81	Benzo(b)fluoranthene	252	13.998	14.004	(0.956)	6703185	25.0310	1700
82	Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	7253818	26.2477	1700
83	Benzo(a)pyrene	252	14.538	14.544	(0.993)	5304438	27.2223	1800
84	Indeno(1,2,3-cd)pyrene	276	16.621	16.627	(1.135)	2308946	27.1044	1800
85	Dibenzo(a,h)anthracene	278	16.675	16.675	(1.139)	2373489	27.5741	1800
86	Benzo(g,h,i)perylene	276	17.144	17.144	(1.171)	1926973	23.0642	1500

QC Flag Legend

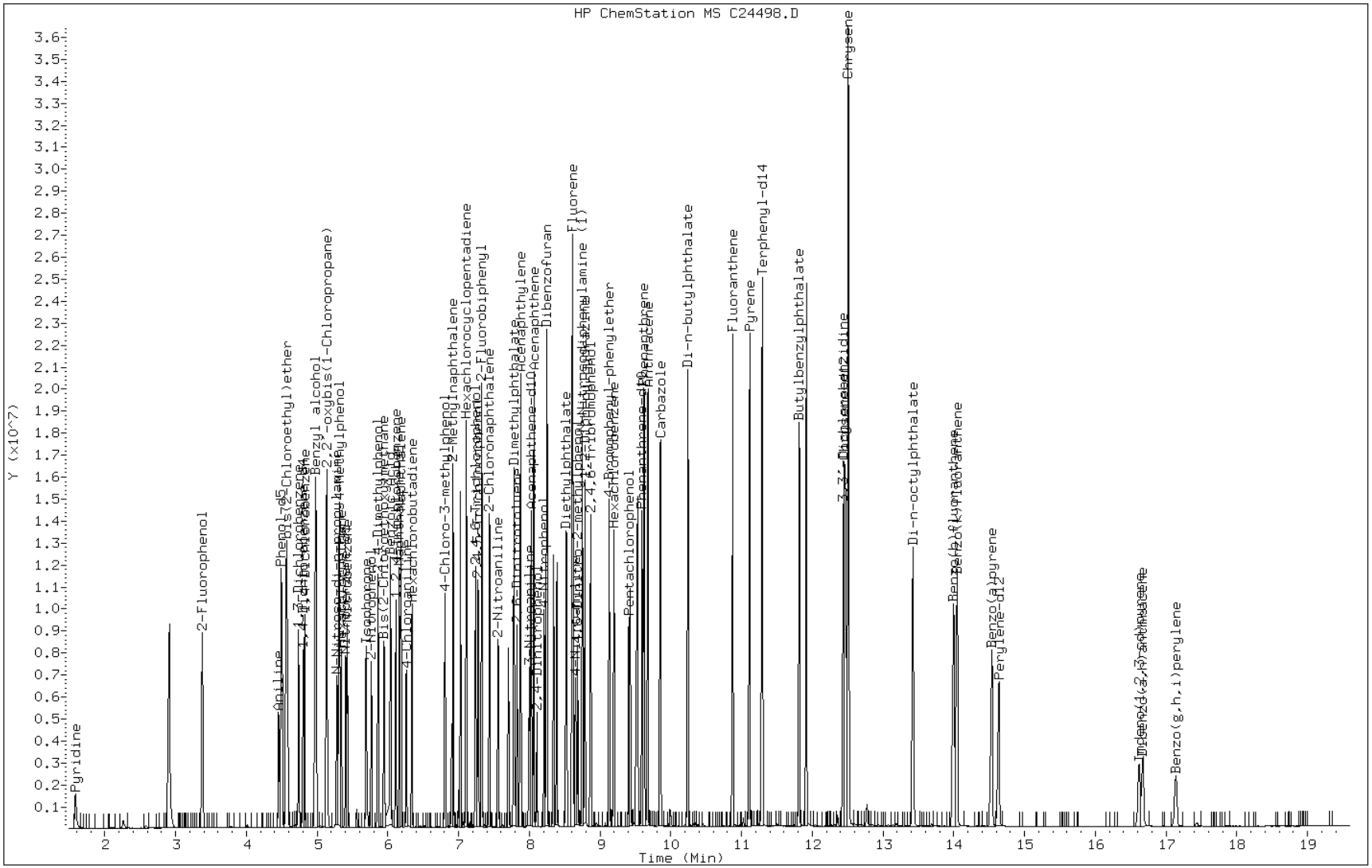
R - Spike/Surrogate failed recovery limits.

Data File: C24498.D

Date: 27-JUL-2011 08:32

Client ID: LCS 220-53281/2-A Instrument: msc.i

Sample Info: LCS 220-53281/2-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS | Lab Sample ID: 220-16030-6 MS

Matrix: Solid | Lab File ID: C24508.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.50(g) | Date Analyzed: 07/27/2011 13:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2030		320	21
111-44-4	Bis(2-chloroethyl)ether	2000		320	17
95-57-8	2-Chlorophenol	2040		320	19
541-73-1	1,3-Dichlorobenzene	1850		320	16
106-46-7	1,4-Dichlorobenzene	1870		320	19
100-51-6	Benzyl alcohol	2290		320	30
95-50-1	1,2-Dichlorobenzene	1900		320	19
108-60-1	2,2'-oxybis[1-chloropropane]	2040		320	17
95-48-7	2-Methylphenol	2110		320	19
67-72-1	Hexachloroethane	1890		320	18
621-64-7	N-Nitrosodi-n-propylamine	2120		320	22
106-44-5	4-Methylphenol	4180		320	21
98-95-3	Nitrobenzene	2000		320	20
78-59-1	Isophorone	2060		320	18
88-75-5	2-Nitrophenol	2100		320	20
105-67-9	2,4-Dimethylphenol	2050		320	16
111-91-1	Bis(2-chloroethoxy)methane	2040		320	15
120-83-2	2,4-Dichlorophenol	2070		320	17
120-82-1	1,2,4-Trichlorobenzene	1940		320	21
91-20-3	Naphthalene	2030		320	17
106-47-8	4-Chloroaniline	1470		320	52
87-68-3	Hexachlorobutadiene	1920		320	25
59-50-7	4-Chloro-3-methylphenol	2230		320	13
91-57-6	2-Methylnaphthalene	2020		320	9.2
77-47-4	Hexachlorocyclopentadiene	1630		800	150
88-06-2	2,4,6-Trichlorophenol	2140		320	8.8
95-95-4	2,4,5-Trichlorophenol	2250		2000	16
91-58-7	2-Chloronaphthalene	1970		320	14
88-74-4	2-Nitroaniline	2270		800	20
208-96-8	Acenaphthylene	2110		320	16
131-11-3	Dimethyl phthalate	2170		320	18
606-20-2	2,6-Dinitrotoluene	2280		320	9.4
83-32-9	Acenaphthene	2040		320	19
99-09-2	3-Nitroaniline	1820		800	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS | Lab Sample ID: 220-16030-6 MS

Matrix: Solid | Lab File ID: C24508.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.50(g) | Date Analyzed: 07/27/2011 13:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2840		2000	97
132-64-9	Dibenzofuran	2110		320	23
121-14-2	2,4-Dinitrotoluene	2340		320	26
100-02-7	4-Nitrophenol	2640		2000	24
86-73-7	Fluorene	2120		320	19
7005-72-3	4-Chlorophenyl phenyl ether	2100		320	24
84-66-2	Diethyl phthalate	2300		320	32
100-01-6	4-Nitroaniline	2250		320	25
534-52-1	4,6-Dinitro-2-methylphenol	2550		2000	140
86-30-6	N-Nitrosodiphenylamine	2160		320	18
101-55-3	4-Bromophenyl phenyl ether	2130		320	21
118-74-1	Hexachlorobenzene	2100		320	22
87-86-5	Pentachlorophenol	2540		800	200
85-01-8	Phenanthrene	2110		320	16
86-74-8	Carbazole	2260		320	18
120-12-7	Anthracene	2170		320	13
84-74-2	Di-n-butyl phthalate	2290		320	47
206-44-0	Fluoranthene	2280		320	16
129-00-0	Pyrene	2040		320	15
85-68-7	Butyl benzyl phthalate	2430		320	18
91-94-1	3,3'-Dichlorobenzidine	1900		390	66
56-55-3	Benzo[a]anthracene	2220		320	11
218-01-9	Chrysene	2110		320	24
117-81-7	Bis(2-ethylhexyl) phthalate	2980		320	31
117-84-0	Di-n-octyl phthalate	2780		320	18
205-99-2	Benzo[b]fluoranthene	2050		320	8.6
207-08-9	Benzo[k]fluoranthene	2080		320	29
50-32-8	Benzo[a]pyrene	2120		320	8.7
193-39-5	Indeno[1,2,3-cd]pyrene	2130		320	21
53-70-3	Dibenz(a,h)anthracene	2190		320	25
191-24-2	Benzo[g,h,i]perylene	1870		320	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS Lab Sample ID: 220-16030-6 MS

Matrix: Solid Lab File ID: C24508.D

Analysis Method: 8270C Date Collected: 07/14/2011 23:30

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.50(g) Date Analyzed: 07/27/2011 13:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	65		36-120
4165-60-0	Nitrobenzene-d5	64		38-120
321-60-8	2-Fluorobiphenyl	61		41-120
118-79-6	2,4,6-Tribromophenol	73		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24508.D
Lab Smp Id: 220-16030-B-6-B MS Client Smp ID: SB-143 39-40
Inj Date : 27-JUL-2011 13:38
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-6-BMS
Misc Info : 220-16030-B-6-B MS
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.500	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	18.786	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1202479	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3201540	48.5138	3900
$ 3	Phenol-d5	99	4.496	4.490	(0.936)	4410452	48.9208	3900
4	Pyridine	52	1.587	1.563	(0.330)	443272	18.2818	1500
5	N-Nitrosodimethylamine	42	1.575	1.552	(0.328)	446443	23.6458	1900
7	Phenol	94	4.507	4.501	(0.938)	2512272	25.5692	2000
8	Aniline	93	4.454	4.454	(0.927)	2346273	22.5052	1800
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.948)	1698807	25.1962	2000
10	2-Chlorophenol	128	4.585	4.584	(0.954)	2151798	25.6338	2000
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.986)	2209310	23.3112	1900
12	1,4-Dichlorobenzene	146	4.822	4.816	(1.004)	2294623	23.5278	1900
13	Benzyl alcohol	108	4.988	4.988	(1.038)	1386431	28.8374	2300
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.037)	2196611	23.9595	1900
15	2,2'-oxybis(1-Chloropropane)	45	5.137	5.136	(1.069)	3670501	25.6771	2000
16	2-Methylphenol	108	5.137	5.142	(1.069)	1912243	26.5180	2100
17	Hexachloroethane	117	5.338	5.338	(1.111)	948404	23.8505	1900
18	N-Nitroso-di-n-propylamine	70	5.279	5.285	(1.099)	1610288	26.6326	2100
19	4-Methylphenol	108	5.315	5.309	(1.106)	4096142	52.5812	4200

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5061246	20.0000	
$	21 Nitrobenzene-d5	82	5.410	5.409	(0.878)	2785176	31.9806	2500
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2220994	25.1452	2000
	23 Isophorone	82	5.695	5.694	(0.924)	4230970	25.9297	2100
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1321182	26.4750	2100
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	1920717	25.8412	2100
	26 Benzoic Acid	122	6.027	6.045	(0.978)	724584	24.5748	2000
	27 Bis(2-Chloroethoxy)methane	93	5.950	5.950	(0.965)	2607255	25.6608	2000
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	1927112	26.0951	2100
	29 1,2,4-Trichlorobenzene	180	6.110	6.116	(0.991)	2020739	24.3976	1900
	30 Naphthalene	128	6.187	6.187	(1.004)	6282691	25.5377	2000
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	1934655	18.5594	1500
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1189008	24.1765	1900
	129 Caprolactam	113	6.698	6.686	(1.087)	10653	0.43817	35(MH)
	33 4-Chloro-3-methylphenol	107	6.810	6.822	(1.105)	2093868	28.0301	2200
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	4388162	25.4049	2000
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3230969	20.0000	
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	963788	20.4871	1600
	38 2,4,6-Trichlorophenol	196	7.244	7.243	(0.902)	1523591	26.8838	2100
	39 2,4,5-Trichlorophenol	196	7.279	7.285	(0.907)	1648926	28.3529	2300
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5816255	30.5398	2400
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4216729	24.7484	2000
	42 2-Nitroaniline	65	7.564	7.564	(0.942)	1553659	28.6318	2300
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7286998	26.5182	2100
	44 Dimethylphthalate	163	7.784	7.778	(0.970)	5342041	27.2625	2200
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1358607	28.6946	2300
	46 Acenaphthene	153	8.063	8.063	(1.004)	4574985	25.6911	2000
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1225340	22.8957	1800
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	657747	35.7121	2800
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6561005	26.5062	2100
	50 2,4-Dinitrotoluene	165	8.253	8.252	(1.028)	1884570	29.3935	2300
	51 4-Nitrophenol	109	8.217	8.217	(1.024)	715476	33.2544	2600
	52 Fluorene	166	8.609	8.609	(1.072)	5484490	26.7329	2100
	53 4-Chlorophenyl-phenylether	204	8.621	8.620	(1.074)	2684490	26.4802	2100
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5928316	28.9649	2300
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1494800	28.3382	2300
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1527680	54.9795	4400
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	5758646	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1048234	32.1372	2600
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4254060	27.2157	2200
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	5867009	26.8372	2100
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1659777	26.7688	2100
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1736448	26.4173	2100
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1037784	32.0273	2500
	64 Phenanthrene	178	9.624	9.624	(1.003)	7889781	26.6120	2100
	65 Carbazole	167	9.855	9.855	(1.027)	8054152	28.4936	2300
	66 Anthracene	178	9.677	9.677	(1.009)	8080997	27.3275	2200
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9477452	28.7737	2300
	68 Fluoranthene	202	10.876	10.876	(1.134)	9219585	28.6872	2300
*	70 Chrysene-d12	240	12.479	12.472	(1.000)	5922220	20.0000	
	72 Pyrene	202	11.113	11.113	(0.891)	9435417	25.6736	2000
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	7873265	30.9474	2500
	74 Butylbenzylphthalate	149	11.820	11.820	(0.947)	4847923	30.5617	2400
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2186279	23.9731	1900

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
76	Benzo(a)anthracene	228	12.455	12.455	(0.998)	9067041	27.9662	2200
77	Chrysene	228	12.508	12.508	(1.002)	8080112	26.5499	2100
78	Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	6344969	37.5723	3000
* 79	Perylene-d12	264	14.639	14.633	(1.000)	3779824	20.0000	
80	Di-n-octylphthalate	149	13.422	13.428	(0.917)	8609542	35.0323	2800
81	Benzo(b)fluoranthene	252	14.004	14.004	(0.957)	6523308	25.7962	2000
82	Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	6836502	26.1969	2100
83	Benzo(a)pyrene	252	14.538	14.544	(0.993)	4908842	26.6782	2100
84	Indeno(1,2,3-cd)pyrene	276	16.621	16.627	(1.135)	2151224	26.7761	2100
85	Dibenzo(a,h)anthracene	278	16.675	16.675	(1.139)	2243261	27.5959	2200
86	Benzo(g,h,i)perylene	276	17.144	17.144	(1.171)	1857859	23.4954	1900
103	1,2,4,5-Tetrachlorobenzene	216	7.107	7.107	(0.885)	2051832	51.9686	4100
109	2,3,4,6-Tetrachlorophenol	232	8.389	8.389	(1.045)	1354325	28.7111	2300
119	Pentachloronitrobenzene	237	9.428	9.428	(0.983)	783752	31.4285	2500

QC Flag Legend

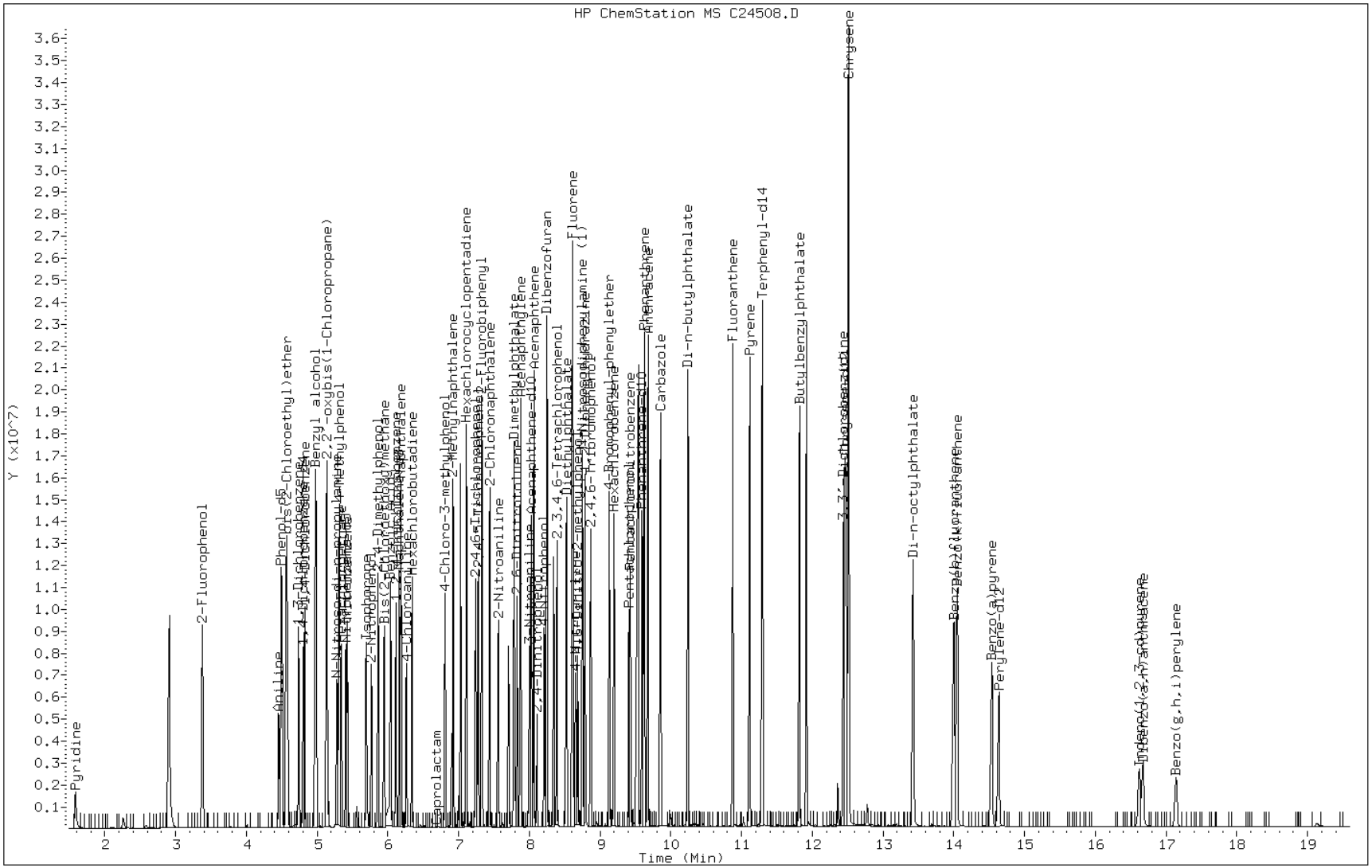
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24508.D

Date: 27-JUL-2011 13:38

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-BMS Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: C24509.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.42(g) | Date Analyzed: 07/27/2011 14:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2180		320	21
111-44-4	Bis(2-chloroethyl)ether	2110		320	17
95-57-8	2-Chlorophenol	2190		320	19
541-73-1	1,3-Dichlorobenzene	1960		320	16
106-46-7	1,4-Dichlorobenzene	1970		320	19
100-51-6	Benzyl alcohol	2440		320	31
95-50-1	1,2-Dichlorobenzene	1990		320	19
108-60-1	2,2'-oxybis[1-chloropropane]	2140		320	17
95-48-7	2-Methylphenol	2220		320	19
67-72-1	Hexachloroethane	2000		320	18
621-64-7	N-Nitrosodi-n-propylamine	2230		320	22
106-44-5	4-Methylphenol	4440		320	21
98-95-3	Nitrobenzene	2110		320	21
78-59-1	Isophorone	2160		320	18
88-75-5	2-Nitrophenol	2220		320	20
105-67-9	2,4-Dimethylphenol	2130		320	16
111-91-1	Bis(2-chloroethoxy)methane	2140		320	15
120-83-2	2,4-Dichlorophenol	2180		320	17
120-82-1	1,2,4-Trichlorobenzene	2050		320	21
91-20-3	Naphthalene	2140		320	17
106-47-8	4-Chloroaniline	1460		320	53
87-68-3	Hexachlorobutadiene	2010		320	25
59-50-7	4-Chloro-3-methylphenol	2260		320	13
91-57-6	2-Methylnaphthalene	2120		320	9.2
77-47-4	Hexachlorocyclopentadiene	1670		800	150
88-06-2	2,4,6-Trichlorophenol	2170		320	8.9
95-95-4	2,4,5-Trichlorophenol	2270		2000	16
91-58-7	2-Chloronaphthalene	2060		320	14
88-74-4	2-Nitroaniline	2280		800	20
208-96-8	Acenaphthylene	2130		320	16
131-11-3	Dimethyl phthalate	2180		320	19
606-20-2	2,6-Dinitrotoluene	2270		320	9.5
83-32-9	Acenaphthene	2100		320	19
99-09-2	3-Nitroaniline	1790		800	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: C24509.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.42(g) | Date Analyzed: 07/27/2011 14:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2670		2000	97
132-64-9	Dibenzofuran	2130		320	23
121-14-2	2,4-Dinitrotoluene	2350		320	26
100-02-7	4-Nitrophenol	2630		2000	24
86-73-7	Fluorene	2140		320	19
7005-72-3	4-Chlorophenyl phenyl ether	2130		320	24
84-66-2	Diethyl phthalate	2300		320	33
100-01-6	4-Nitroaniline	2270		320	25
534-52-1	4,6-Dinitro-2-methylphenol	2480		2000	140
86-30-6	N-Nitrosodiphenylamine	2130		320	18
101-55-3	4-Bromophenyl phenyl ether	2110		320	21
118-74-1	Hexachlorobenzene	2070		320	22
87-86-5	Pentachlorophenol	2480		800	200
85-01-8	Phenanthrene	2130		320	16
86-74-8	Carbazole	2280		320	18
120-12-7	Anthracene	2210		320	13
84-74-2	Di-n-butyl phthalate	2270		320	47
206-44-0	Fluoranthene	2280		320	16
129-00-0	Pyrene	2030		320	15
85-68-7	Butyl benzyl phthalate	2460		320	18
91-94-1	3,3'-Dichlorobenzidine	1970		400	66
56-55-3	Benzo[a]anthracene	2270		320	11
218-01-9	Chrysene	2130		320	24
117-81-7	Bis(2-ethylhexyl) phthalate	3050		320	31
117-84-0	Di-n-octyl phthalate	2880		320	18
205-99-2	Benzo[b]fluoranthene	2140		320	8.6
207-08-9	Benzo[k]fluoranthene	2130		320	29
50-32-8	Benzo[a]pyrene	2170		320	8.7
193-39-5	Indeno[1,2,3-cd]pyrene	2160		320	21
53-70-3	Dibenz(a,h)anthracene	2260		320	25
191-24-2	Benzo[g,h,i]perylene	1920		320	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: C24509.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.42(g) | Date Analyzed: 07/27/2011 14:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	67		34-120
4165-62-2	Phenol-d5	69		36-120
4165-60-0	Nitrobenzene-d5	67		38-120
321-60-8	2-Fluorobiphenyl	64		41-120
118-79-6	2,4,6-Tribromophenol	73		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24509.D
Lab Smp Id: 220-16030-B-6-C MSD Client Smp ID: SB-143 39-40
Inj Date : 27-JUL-2011 14:08
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-6-CMSD
Misc Info : 220-16030-B-6-C MSD
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 13 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.420	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	18.786	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1185606	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3284260	50.4755	4000
$ 3	Phenol-d5	99	4.496	4.490	(0.936)	4604469	51.7996	4100
4	Pyridine	52	1.587	1.563	(0.330)	467855	19.5703	1600
5	N-Nitrosodimethylamine	42	1.575	1.552	(0.328)	463882	24.9192	2000
7	Phenol	94	4.507	4.501	(0.938)	2648247	27.3366	2200
8	Aniline	93	4.454	4.454	(0.927)	2425502	23.5963	1900
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.948)	1755472	26.4072	2100
10	2-Chlorophenol	128	4.585	4.584	(0.954)	2274794	27.4847	2200
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.986)	2292056	24.5285	2000
12	1,4-Dichlorobenzene	146	4.822	4.816	(1.004)	2369978	24.6463	2000
13	Benzyl alcohol	108	4.988	4.988	(1.038)	1445979	30.5040	2400
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.037)	2247324	24.8616	2000
15	2,2'-oxybis(1-Chloropropane)	45	5.137	5.136	(1.069)	3777239	26.7998	2100
16	2-Methylphenol	108	5.137	5.142	(1.069)	1977697	27.8160	2200
17	Hexachloroethane	117	5.338	5.338	(1.111)	983499	25.0851	2000
18	N-Nitroso-di-n-propylamine	70	5.285	5.285	(1.100)	1661549	27.8715	2200
19	4-Methylphenol	108	5.315	5.309	(1.106)	4266426	55.5466	4400

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5022513	20.0000	
$	21 Nitrobenzene-d5	82	5.410	5.409	(0.878)	2888300	33.4205	2700
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2321153	26.4818	2100
	23 Isophorone	82	5.694	5.694	(0.924)	4372026	27.0008	2200
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1374631	27.7585	2200
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	1967117	26.6695	2100
	26 Benzoic Acid	122	6.021	6.045	(0.977)	614742	21.0102	1700
	27 Bis(2-Chloroethoxy)methane	93	5.950	5.950	(0.965)	2705707	26.8351	2100
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	2002973	27.3315	2200
	29 1,2,4-Trichlorobenzene	180	6.110	6.116	(0.991)	2109522	25.6659	2000
	30 Naphthalene	128	6.187	6.187	(1.004)	6549375	26.8270	2100
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	1895205	18.3211	1500
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1226342	25.1279	2000
	129 Caprolactam	113	6.692	6.686	(1.086)	12097	0.50140	40(M)
	33 4-Chloro-3-methylphenol	107	6.810	6.822	(1.105)	2097663	28.2975	2300
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	4560271	26.6049	2100
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3233187	20.0000	
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	987221	20.9478	1700
	38 2,4,6-Trichlorophenol	196	7.244	7.243	(0.902)	1537635	27.1130	2200
	39 2,4,5-Trichlorophenol	196	7.279	7.285	(0.907)	1655612	28.4483	2300
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	6054606	31.7695	2500
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4392040	25.7596	2100
	42 2-Nitroaniline	65	7.564	7.564	(0.942)	1551020	28.5635	2300
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7325423	26.6398	2100
	44 Dimethylphthalate	163	7.784	7.778	(0.970)	5345359	27.2607	2200
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1345765	28.4039	2300
	46 Acenaphthene	153	8.063	8.063	(1.004)	4680030	26.2630	2100
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1202853	22.4601	1800
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	599828	33.4597	2700
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6620459	26.7281	2100
	50 2,4-Dinitrotoluene	165	8.253	8.252	(1.028)	1889260	29.4465	2400
	51 4-Nitrophenol	109	8.217	8.217	(1.024)	709888	32.9721	2600
	52 Fluorene	166	8.609	8.609	(1.072)	5501774	26.7987	2100
	53 4-Chlorophenyl-phenylether	204	8.615	8.620	(1.073)	2706804	26.6820	2100
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5900263	28.8081	2300
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1501460	28.4449	2300
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1514996	54.4856	4400
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	5816825	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1010703	31.0573	2500
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4209488	26.6612	2100
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	5857872	26.5274	2100
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1657047	26.4575	2100
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1720283	25.9096	2100
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1002793	31.0216	2500
	64 Phenanthrene	178	9.624	9.624	(1.003)	7974823	26.6298	2100
	65 Carbazole	167	9.855	9.855	(1.027)	8136530	28.4971	2300
	66 Anthracene	178	9.677	9.677	(1.009)	8280347	27.7216	2200
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9449113	28.4007	2300
	68 Fluoranthene	202	10.876	10.876	(1.134)	9263978	28.5370	2300
*	70 Chrysene-d12	240	12.478	12.472	(1.000)	5923540	20.0000	
	72 Pyrene	202	11.113	11.113	(0.891)	9364772	25.4757	2000
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	7945530	31.2245	2500
	74 Butylbenzylphthalate	149	11.820	11.820	(0.947)	4885569	30.7922	2500
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2246110	24.6237	2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
76	Benzo(a)anthracene	228	12.455	12.455	(0.998)	9199572	28.3687	2300
77	Chrysene	228	12.508	12.508	(1.002)	8129214	26.7053	2100
78	Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	6445484	38.1590	3000
* 79	Perylene-d12	264	14.639	14.633	(1.000)	3680565	20.0000	
80	Di-n-octylphthalate	149	13.422	13.428	(0.917)	8676209	36.0474	2900
81	Benzo(b)fluoranthene	252	13.998	14.004	(0.956)	6606546	26.8299	2100
82	Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	6763140	26.6147	2100
83	Benzo(a)pyrene	252	14.538	14.544	(0.993)	4875792	27.2132	2200
84	Indeno(1,2,3-cd)pyrene	276	16.621	16.627	(1.135)	2120127	27.0703	2200
85	Dibenzo(a,h)anthracene	278	16.675	16.675	(1.139)	2246903	28.2979	2300
86	Benzo(g,h,i)perylene	276	17.144	17.144	(1.171)	1852990	24.0021	1900
103	1,2,4,5-Tetrachlorobenzene	216	7.113	7.107	(0.886)	2103088	53.2303	4300
109	2,3,4,6-Tetrachlorophenol	232	8.389	8.389	(1.045)	1340295	28.4199	2300
119	Pentachloronitrobenzene	237	9.428	9.428	(0.983)	785217	31.1723	2500

QC Flag Legend

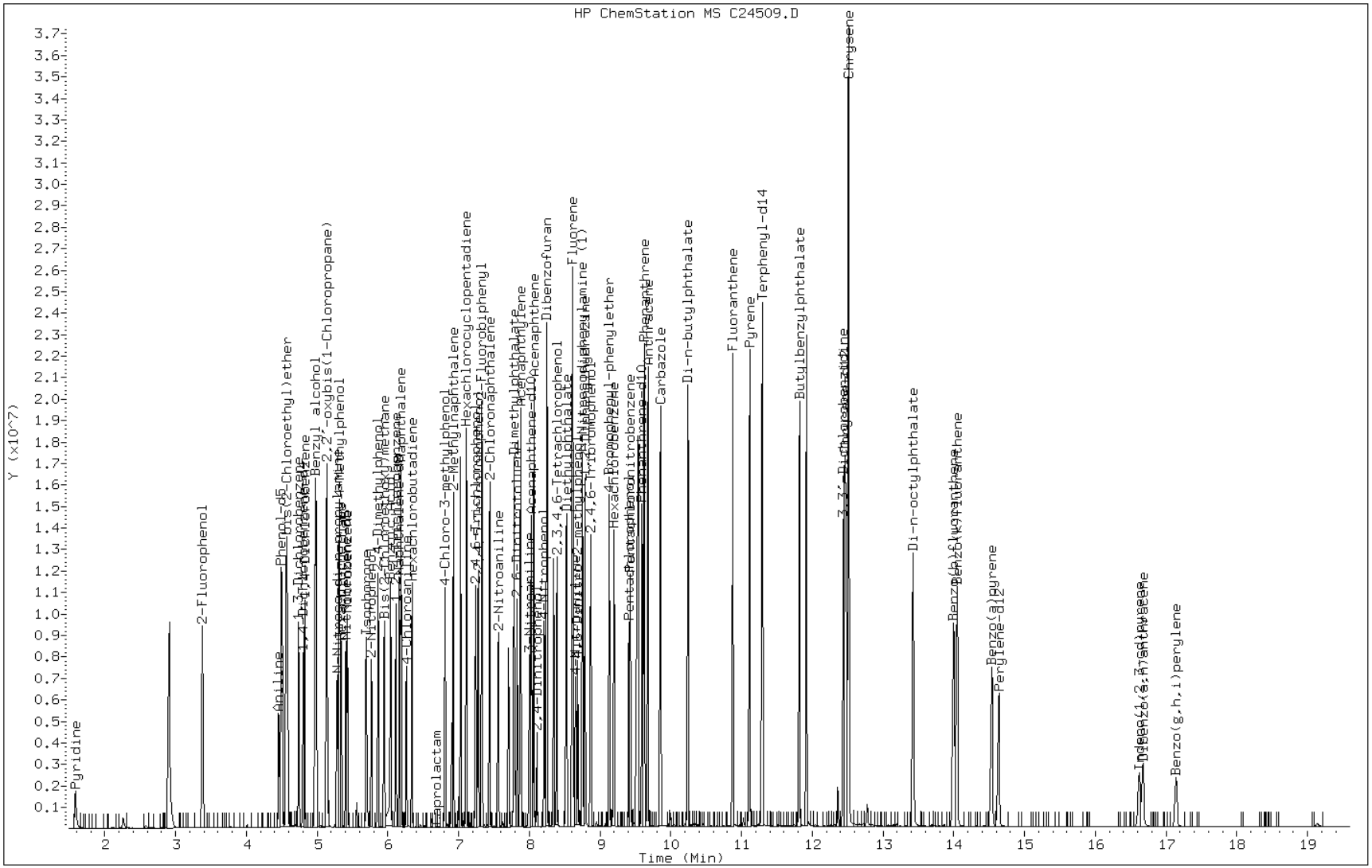
M - Compound response manually integrated.

Data File: C24509.D

Date: 27-JUL-2011 14:08

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-CMSD Operator: S.Jonas



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSC Start Date: 07/21/2011 10:20

Analysis Batch Number: 53172 End Date: 07/22/2011 07:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-53172/8		07/21/2011 10:20	1	Cs24381.D	ZB-5MS 0.25(mm)
ICIS 220-53172/1		07/21/2011 10:38	1	C24382.D	ZB-5MS 0.25(mm)
IC 220-53172/2		07/21/2011 11:16	1	C24383.D	ZB-5MS 0.25(mm)
IC 220-53172/3		07/21/2011 11:46	1	C24384.D	ZB-5MS 0.25(mm)
IC 220-53172/4		07/21/2011 12:16	1	C24385.D	ZB-5MS 0.25(mm)
IC 220-53172/5		07/21/2011 12:47	1	C24386.D	ZB-5MS 0.25(mm)
IC 220-53172/6		07/21/2011 13:18	1	C24387.D	ZB-5MS 0.25(mm)
IC 220-53172/7		07/21/2011 13:49	1	C24388.D	ZB-5MS 0.25(mm)
ZZZZZ		07/21/2011 22:06	10		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 00:09	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 00:40	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 01:10	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 01:41	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 02:12	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 02:43	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 03:14	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 06:43	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 07:13	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSC Start Date: 07/27/2011 07:11

Analysis Batch Number: 53339 End Date: 07/27/2011 18:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-53339/4		07/27/2011 07:11	1	Cs24495.D	ZB-5MS 0.25(mm)
CCVIS 220-53339/1		07/27/2011 07:29	1	C24496.D	ZB-5MS 0.25(mm)
MB 220-53281/1-A		07/27/2011 08:01	1	C24497.D	ZB-5MS 0.25(mm)
LCS 220-53281/2-A		07/27/2011 08:32	1	C24498.D	ZB-5MS 0.25(mm)
220-16030-2	SB142B_3-4	07/27/2011 11:06	1	C24503.D	ZB-5MS 0.25(mm)
220-16030-3	SB142B_22-22.5	07/27/2011 11:36	1	C24504.D	ZB-5MS 0.25(mm)
220-16030-4	SB-143 3-4	07/27/2011 12:06	1	C24505.D	ZB-5MS 0.25(mm)
220-16030-5	SB-143 32-33	07/27/2011 12:37	1	C24506.D	ZB-5MS 0.25(mm)
220-16030-6	SB-143 39-40	07/27/2011 13:07	1	C24507.D	ZB-5MS 0.25(mm)
220-16030-6 MS	SB-143 39-40 MS	07/27/2011 13:38	1	C24508.D	ZB-5MS 0.25(mm)
220-16030-6 MSD	SB-143 39-40 MSD	07/27/2011 14:08	1	C24509.D	ZB-5MS 0.25(mm)
220-16030-7	DUP071411	07/27/2011 14:39	1	C24510.D	ZB-5MS 0.25(mm)
220-16030-1	SB142B_2-3	07/27/2011 15:09	1	C24511.D	ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 16:10	1		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 16:41	1		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:11	1		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:42	10		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 18:12	5		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 18:43	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSZ Start Date: 07/27/2011 07:17

Analysis Batch Number: 53343 End Date: 07/27/2011 20:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-53343/8		07/27/2011 07:17	1	Zs21842.D	RXi-5MS 0.25(mm)
ICIS 220-53343/1		07/27/2011 07:33	1	Z21843.D	RXi-5MS 0.25(mm)
IC 220-53343/2		07/27/2011 08:01	1	Z21844.D	RXi-5MS 0.25(mm)
IC 220-53343/3		07/27/2011 08:30	1	Z21845.D	RXi-5MS 0.25(mm)
IC 220-53343/4		07/27/2011 08:58	1	Z21846.D	RXi-5MS 0.25(mm)
IC 220-53343/5		07/27/2011 09:27	1	Z21847.D	RXi-5MS 0.25(mm)
IC 220-53343/6		07/27/2011 09:55	1	Z21848.D	RXi-5MS 0.25(mm)
IC 220-53343/7		07/27/2011 10:24	1	Z21849.D	RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 11:21	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 12:18	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 12:47	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 13:15	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 13:43	1		RXi-5MS 0.25(mm)
MB 220-53137/1-A		07/27/2011 14:40	1	Z21858.D	RXi-5MS 0.25(mm)
LCS 220-53137/2-A		07/27/2011 15:08	1	Z21859.D	RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 15:36	1		RXi-5MS 0.25(mm)
220-16030-8	FB-1	07/27/2011 16:05	1	Z21861.D	RXi-5MS 0.25(mm)
220-16030-9	FB-2	07/27/2011 16:33	1	Z21862.D	RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:01	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:29	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:57	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 18:26	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 19:52	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 20:20	1		RXi-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Batch Number: 53137 Batch Start Date: 07/21/11 14:28 Batch Analyst: Faiella, Tim

Batch Method: 3510C Batch End Date: 07/25/11 16:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	EWBNAFMS 00046
MB 220-53137/1		3510C, 8270C		7	1000 mL	1.0 mL	2	12	
LCS 220-53137/2		3510C, 8270C		7	1000 mL	1.0 mL	2	12	400 uL
220-16030-D-8	FB-1	3510C, 8270C	T	5	1000 mL	1.0 mL	2	12	
220-16030-D-9	FB-2	3510C, 8270C	T	5	1000 mL	1.0 mL	2	12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	EWBNASUR 00073	EWRCPLCS 00023				
MB 220-53137/1		3510C, 8270C		500 uL					
LCS 220-53137/2		3510C, 8270C		500 uL	400 uL				
220-16030-D-8	FB-1	3510C, 8270C	T	500 uL					
220-16030-D-9	FB-2	3510C, 8270C	T	500 uL					

Batch Notes	
Acid used for pH adjustment	h2so4
Acid used for pH adjust Lot #	wsulfacd-11
Base used for pH adjustment	naoh
Base used for pH adjust Lot #	enaoh-36
Person's name who did the concentration	Jen Capece
Na2SO4 Lot Number	ena2so4-114
Prep Solvent Lot #	ecmecl2-66
Prep Solvent Name	mecl2
Prep Solvent Volume Used	360 mL
Person's name who did the prep	tim faiella
Person's name who witnessed reagent drop	self

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Batch Number: 53281 Batch Start Date: 07/26/11 10:12 Batch Analyst: Capece, Jennifer

Batch Method: 3541 Batch End Date: 07/26/11 16:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EWBNAFMS 00046	EWBNASUR 00074	EWRCPLCS 00023	
MB 220-53281/1		3541, 8270C		15.0 g	1 mL		500 uL		
LCS 220-53281/2		3541, 8270C		15.0 g	1 mL	400 uL	500 uL	400 uL	
220-16030-B-1	SB142B_2-3	3541, 8270C	T	15.56 g	1 mL		500 uL		
220-16030-B-2	SB142B_3-4	3541, 8270C	T	15.02 g	1 mL		500 uL		
220-16030-B-3	SB142B_22-22.5	3541, 8270C	T	15.40 g	1 mL		500 uL		
220-16030-B-4	SB-143 3-4	3541, 8270C	T	15.60 g	1 mL		500 uL		
220-16030-B-5	SB-143 32-33	3541, 8270C	T	15.45 g	1 mL		500 uL		
220-16030-B-6	SB-143 39-40	3541, 8270C	T	15.23 g	1 mL		500 uL		
220-16030-B-6 MS	SB-143 39-40	3541, 8270C	T	15.50 g	1 mL	400 uL	500 uL	400 uL	
220-16030-B-6 MSD	SB-143 39-40	3541, 8270C	T	15.42 g	1 mL	400 uL	500 uL	400 uL	
220-16030-B-7	DUP071411	3541, 8270C	T	15.72 g	1 mL		500 uL		

Batch Notes	
Balance ID	35451
Person's name who did the concentration	Tracy Puccino
Vendor lot number	ecmecl2:ace_49
Na2SO4 Lot Number	ena2so4_114
Person's name who did the prep	Jen Capece
Person's name who witnessed reagent drop	Self
Solvent	mecl2:acetone 1:1

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-16030-1

SDG No.:

Project: Con Ed Haven Plaza E. 11th Street

Client Sample ID	Lab Sample ID
SB142B_2-3	220-16030-1
SB142B_3-4	220-16030-2
SB142B_22-22.5	220-16030-3
SB-143 3-4	220-16030-4
SB-143 32-33	220-16030-5
SB-143 39-40	220-16030-6
DUP071411	220-16030-7

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-16030-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/20/2005 16:02

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-16030-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 10/01/2006 12:58

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut   Job No.: 220-16030-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 07/18/2011 10:30   End Date: 07/18/2011 12:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			10:30																				
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13-IN

ANALYSIS RUN LOG

GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/18/2011 10:30 End Date: 07/18/2011 12:30

				Analytes	
Lab Sample ID	D/F	Type	Time	%Sol	Moist
ZZZZZZ			12:30		
ZZZZZZ			12:30		
ZZZZZZ			12:30		
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ZZZZZZ			12:30		
ZZZZZZ			12:30		
220-16030-1	1	T	12:30	X	X
220-16030-2	1	T	12:30	X	X
220-16030-3	1	T	12:30	X	X
220-16030-4	1	T	12:30	X	X
220-16030-5	1	T	12:30	X	X
220-16030-6	1	T	12:30	X	X
220-16030-7	1	T	12:30	X	X
ZZZZZZ			12:30		
ZZZZZZ			12:30		
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ZZZZZZ			12:30		
ZZZZZZ			12:30		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/18/2011 10:30 End Date: 07/18/2011 12:30

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Batch Number: 52964 Batch Start Date: 07/18/11 10:30 Batch Analyst: Bouthot, Agnieszka

Batch Method: Moisture Batch End Date: 07/19/11 11:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
220-16030-B-1	SB142B_2-3	Moisture	T	1.02 g	6.63 g	6.00 g			
220-16030-B-2	SB142B_3-4	Moisture	T	1.01 g	8.60 g	7.66 g			
220-16030-B-3	SB142B_22-22.5	Moisture	T	1.01 g	8.43 g	6.29 g			
220-16030-B-4	SB-143 3-4	Moisture	T	1.00 g	10.38 g	8.50 g			
220-16030-B-5	SB-143 32-33	Moisture	T	1.00 g	10.00 g	8.52 g			
220-16030-B-6	SB-143 39-40	Moisture	T	1.00 g	9.57 g	7.96 g			
220-16030-B-7	DUP071411	Moisture	T	1.00 g	9.96 g	8.45 g			

Batch Notes	
Balance ID	t1 No Unit
Date samples were placed in the oven	7/18/11
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	16:00
Date samples were removed from oven	7/19/11
Oven Temp when samples removed from oven	105 Degrees C
Time Samples were removed from oven	9:00
Oven ID	ov2
ID number of the thermometer	ov2
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	105 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Login Number: 16030 **List Source: TestAmerica Connecticut**
List Number: 1
Creator: Culik, Marie E

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7C/0.7C/2.7C
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 sample IDs on the containers and the COC.	False	SEE NARRATIVE
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.	False	SEE NARRATIVE
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	False	SEE NARRATIVE
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

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Appendices

On CD

Appendix A

Soil Boring Logs

Date Start/Finish: 7/13/11-7/14/11
Drilling Company: ADT
Driller's Name: Chris Mickee
Drilling Method: Direct Push
Sampling Method: 3' Acetate Liner
Rig Type: 420M Geoprobe

Northing: 690251.4
Easting: 637442.2
Casing Elevation: NA

Borehole Depth: 22.5' bgs
Surface Elevation: 1.5' AMSL

Descriptions By: Dustin Grzesik

Well/Boring ID: **SB-142B**

Client: Consolidated Edison Company or New York, Inc

Location: East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	1	0-0.5	0.5	NA		CONCRETE Slab, no odor, NVI.	
0	2	0.5-2	1.5	1.0		Dusky yellowish brown SAND, some Gravel, wood and metal debris, no odor, NVI.	
	3	2-3	1.0	0.9		Dark yellowish brown SAND, no odor, NVI, moist.	
	4	3-4	1.0	0.7		SAA, no odor, NVI, watery.	
	5	4-5	1.0	0.6		SAA, no odor, NVI, moist.	
5	6	5-7	2.0	0.1		Moderate yellowish brown SAND with fines, no odor, NVI, wet.	
-5	7	7-8	0.8	0.1		Dusky yellow brown medium SAND, no odor, NVI, wet.	
	8	8-10	1.1	0.1		SAA, no odor, NVI, moist.	Trimmie grouted to surface (0-22.5' bgs)
10	9	10-12	1.5	0.2		SAA; very slight odor at bottom of sample, NVI.	
-10	10	12-14	2.0	0.1		SAA; slight odor, NVI.	
15	11	14-16	2.0	0.1			

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

SB-142B installed due to concrete slab (approximately 1.5' bgs) encounted during installation of SB-142A. No log generated for SB-142A. SB-142A survey information [N:690254.8, E:637439.4, Elev:1.5]

Client: Consolidated Edison Company or New York, Inc

Well/Boring ID: **SB-142B**

Borehole Depth: 22.5' bgs

Site Location:
East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
-15	12	16-18	2.0	0.10		SAA, dark yellowish brown from 17-18' bgs no odor, NVI.	
	13	18-19.5	1.5	0.1		Dark yellowish SAND with SILTY lenses, no odor, NVI.	Trimmie grouted to surface (0-22.5' bgs)
20	14	19.5-22	2.5	0.1		Silty CLAY grading to Clayey SAND, no odor, NVI.	
-20	15	22-22.5	0.5	0.1			
						End of Boring at 22.5' bgs.	
25							
-25							
30							
-30							
35							

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

SB-142B installed due to concrete slab (approximately 1.5' bgs) encounted during installation of SB-142A. No log generated for SB-142A. SB-142A survey information [N:690254.8, E:637439.4, Elev:1.5]

Date Start/Finish: 7/14/11
Drilling Company: ADT
Driller's Name: Chris Mickee
Drilling Method: Direct Push
Sampling Method: 3' Acetate Liner
Rig Type: Track-Mounted 6610DT Geoprobe Rig

Northing: 690192.7
Easting: 637407.3
Casing Elevation: NA

Borehole Depth: 40' bgs
Surface Elevation: 1.5' AMSL

Descriptions By: Dustin Grzesik

Well/Boring ID: **SB-143**

Client: Consolidated Edison Company or New York, Inc

Location: East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	1	0-1	1.0	0.1		CONCRETE Slab underlain by Sand and brick debris, no odor, NVI.	
0	2	1-3	2.0	0.2		Dusky yellow to black SAND, slight odor, NVI, wet.	
	3	3-4	1.0	0.3		SAND, some Gravel and Clayey Silt, no odor, NVI, wet.	
	4	4-5	1.0	0.0		SAA, no odor, NVI, moist.	
5	5	5-8	3.0	0.1		Dark yellowish brown SAND, slight odor, NVI, wet.	
-5	6	8-10	2.0	0.0		Brownish red CLAY, no odor, NVI, moist.	
10	7	10-12	1.5	0.1		Moderate brown CLAY, no odor, NVI, moist.	
-10	8	12-14	1.5	0.1		Moderate brown CLAY, no odor, NVI, wet.	
15	9	14-16	2.0	0.0		Fine SAND with Mica, no odor, NVI.	
						Dark yellowish brown CLAY, no odor, NVI, dry.	

Trimmie grouted to surface (0-40' bgs)

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

Client: Consolidated Edison Company or New York, Inc

Well/Boring ID: **SB-143**

Borehole Depth: 40' bgs

Site Location:
East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
	-15	10	16-18	2.0	0.0		Dark yellowish brown SILT, some Sand, no odor, NVI, moist.	
							Dark yellowish brown Silty SAND, no odor, NVI, moist.	
							Dark yellowish brown CLAY, some Sand, no odor, NVI, moist.	
		11	18-20	0.0	NA		NO RECOVERY.	
20	-20	12	20-22	2.0	0.0		Brownish gray fine SAND, some Silt, no odor, NVI, wet.	
		13	22-24	2.0	0.0		Brown-gray very fine to fine SAND, some Silt, dense, no odor, NVI, wet.	
25		14	24-26	2.0	0.1 0.2		Brown-gray very fine SAND, some Silt, dense, no odor, NVI, moist.	
	-25	15	26-30	4.0	0.9 0.4 0.2 0.1		Brown-gray very fine to fine SAND, some Silt, dense, no odor, NVI, wet.	Trimmie grouted to surface (0-40' bgs)
30								
	-30	16	30-35	5.0	0.1 0.1 0.1 0.1		Brown-gray fine SAND, some Silt, dense, no odor, NVI, wet.	
35							Brown-gray fine SAND, some Silt (Silt content increasing with depth), dense, no odor, NVI, wet.	

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

Client: Consolidated Edison Company or New York, Inc

Well/Boring ID: **SB-143**

Borehole Depth: 40' bgs

Site Location:
East 11th Street Works
New Haven Place
Manhattan, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
-35	17	35-40	5.0	0.0.		Brown-gray fine SAND, some Silt (Silt content increasing with depth), dense, no odor, NVI, wet.	Trimmie grouted to surface (0-40' bgs)
40 / -40						End of Boring at 40' bgs.	
45 / -45							
50 / -50							
55							

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Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; SAA = same as above; NVI = no visual impacts.

Appendix B

Photographic Log

East 11th Street Works

Supplemental Investigation Activities

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 1	
PHOTOGRAPHER: DG	
DATE: 07/13/2011	
DIRECTION: NA	
COMMENT: Soil Boring Location SB-142. Sample depth 0-2'.	

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 2	
PHOTOGRAPHER: DG	
DATE: 07/13/2011	
DIRECTION: N/A	
COMMENT: Soil boring location SB-142. Sample depth 2-4'. Samples taken from 2-3' and 3-4' separately.	

East 11th Street Works

Supplemental Investigation Activities

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 3	
PHOTOGRAPHER: DG	
DATE: 7/14/2011	
DIRECTION: N/A	
COMMENT: Soil boring SB-143 Sample depth 5-8'	

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043013	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 4	
PHOTOGRAPHER: DG	
DATE: 7/14/2011	
DIRECTION: N/A	
COMMENT: Soil boring SB-143 Sample depths 8-22' (2' intervals)	

East 11th Street Works

Supplemental Investigation Activities

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043012	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 5 **PHOTOGRAPHER:** AF **DATE:** 7/14/2011 **DIRECTION:** East **COMMENT:** Restoration of soil boring SB-142B.	

CLIENT: Con Edison	**SITE NAME:** East 11th Street Works
PROJECT #: B0043012	**SITE LOCATION:** Haven Plaza, Manhattan, New York
PHOTOGRAPH #: 6 **PHOTOGRAPHER:** AF **DATE:** 7/14/2011 **DIRECTION:** Southeast **COMMENT:** Restoration of soil boring SB-143.	

Appendix C

Data Usability Summary Reports (DUSRs)

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Imagine the result

ConEd E. 11th Street Site

Data Usability Summary Report

NEW YORK CITY, NEW YORK

Volatile and Semivolatile Analyses

SDG#220-16030

Analyses Performed By:
TestAmerica Laboratories
Shelton, Connecticut

Report: #14526R
Review Level: Tier III
Project: B0043013.0002.00018

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) #220-16030 for samples collected in association with the Con Edison East 11th Street site. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
					VOC	SVOC	PCB	MET	MISC
SB142B_2-3	220-16030-1	Soil	7/13/2011		X	X			
SB142B_3-4	220-16030-2	Soil	7/13/2011		X	X			
SB142B_22-22.5	220-16030-3	Soil	7/14/2011		X	X			
SB-143 3-4	220-16030-4	Soil	7/14/2011		X	X			
SB-143 32-33	220-16030-5	Soil	7/14/2011		X	X			
SB-143 39-40	220-16030-6	Soil	7/14/2011		X	X			
DUP071411	220-16030-7	Soil	7/14/2011	SB-143 32-33	X	X			
FB-1	220-16030-8	Water	7/14/2011		X	X			
FB-2	220-16030-9	Water	7/14/2011		X	X			
Trip Blank	220-16030-10	Water	7/14/2011		X				

Note:

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

QA - Quality Assurance

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260 and 8270 as referenced in the NYSDEC ASP. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	14 days from collection to analysis	Cooled @ 4°C ± 2°; preserved to a pH of less than 2 s.u.
	Soil	14 days from collection to analysis	Cooled @ 4°C ± 2°.

s.u. Standard units

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33	Acetone Methylene chloride	Detected sample results <RL and <BAL	"UB" at the RL
SB-143 39-40 DUP071411	Methylene chloride		

RL Reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33	ICV %RSD	Bromomethane	18.6%
		Chloroethane	22.2%
		Methylene chloride	33.8%
	CCV %D	Bromomethane	47.0%
SB-143 39-40 DUP071411	ICV %RSD	Bromomethane	40.3%
		Chloroethane	31.2%
		Methylene chloride	19.4%
		Acetone	19.4%
	CCV %D	Chloroethane	26.6%
		Bromoform	-21.7%
FB-1 FB-2 Trip Blank	ICV %RSD	Acetone	27.3%
		Methylene chloride	36.6%
	CCV %D	Bromomethane	-27.9%
		Acetone	32.7%
		Carbon tetrachloride	35.0%
		1,1,1-Trichloroethane	34.4%
		Methyl isobutyl ketone	-21.5%
		1,1,2,2-Tetrachloroethane	-28.3%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

[1] RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

Sample locations associated with LCS analysis exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Compound	LCS Recovery
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33	Bromomethane	>UL

The criteria used to evaluate the LCS recoveries are presented in the following table. In the case of an LCS deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

Note: Sample results were not qualified as rejected (R) due to the deviations listed above.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of three times the RL is applied for soil matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
SB-143 32-33/ DUP071411	Toluene	0.14 J	6 U	AC

AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Field blanks		X		X	
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X	X		
Laboratory Control Sample Duplicate(LCSD)					X
LCS/LCSD Precision (RPD)					X
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate(MSD)		X		X	
MS/MSD Precision (RPD)		X		X	
Field Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content		X		X	
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X	X		
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present				X	

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Relative standard deviation
%R Percent recovery
RPD Relative percent difference
%D Percent difference

SEMI-VOLATILE ORGANIC COMPOUND (SVOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8270	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4°C ± 2°
	Soil	14 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4°C ± 2°

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33 SB-143 39-40 DUP071411	Bis(2-Ethylhexyl)phthalate	Detected sample results <RL and <BAL	"UB" at the RL

RL Reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
SB142B_2-3 SB142B_3-4 SB142B_22-22.5 SB-143 3-4 SB-143 32-33 SB-143 39-40 DUP071411	CCV %D	Pyrene	-28.9%
		Chrysene	-20.7%
		Benzo(g,h,i)perylene	-27.9%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J

Initial/Continuing	Criteria	Sample Result	Qualification
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

[1] RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. SVOC analysis requires that two of the three SVOC surrogate compounds within each fraction exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the SVOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

Sample locations associated with LCS analysis exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Compound	LCS Recovery
FB-1 FB-2	Bis(2-ethylhexyl)pthtalate	>UL
	Di-n-octyl phthalate	>UL

The criteria used to evaluate the LCS recoveries are presented in the following table. In the case of an LCS deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

Note: Sample results were not qualified as rejected (R) due to the deviations listed above.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of three times the RL is applied for soil matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
SB-143 32-33/ DUP071411	All compounds	U	U	AC

AC Acceptable
U Not detected

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR SVOCs

SVOCs: SW-846 8270	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Field blanks					X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate(LCSD) %R					X
LCS/LCSD Precision (RPD)					X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate(MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content					X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present				X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

%RSD Relative standard deviation
%R Percent recovery
RPD Relative percent difference
%D Percent difference

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB	MET	MISC	
220-16030	7/13/2011	SW846	SB142B_2-3	Soil	Yes	--	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/13/2011	SW846	SB142B_3-4	Soil	No	Yes	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB142B_22-22.5	Soil	No	Yes	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB-143 3-4	Soil	No	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB-143 32-33	Soil	No	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	SB-143 39-40	Soil	No	No	--	--	--	VOC: Blank, ICV RSD, CCV %D SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	DUP071411	Soil	No	No	--	--	--	VOC: Blank, ICV RSD, CCV %D SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	FB-1	Water	Yes	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	FB-2	Water	No	No	--	--	--	VOC: Blank, ICV RSD SVOC: Blank, CCV %D
220-16030	7/14/2011	SW846	Trip Blank	Water	No	No	--	--	--	VOC: Blank, ICV RSD, CCV %D

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE: 

DATE: August 9, 2011

PEER REVIEW: Dennis Capria

DATE: August 12, 2011

CHAIN OF CUSTODY/
CORRECTED SAMPLE ANALYSIS DATA SHEETS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

160030

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) CRAIG MASSARO	Samplers Name (Printed) D. Greesik, A. Falzarano	Site/Project Identification F. 11th Street - HAVEN PLAZA
Company ARCADIS	P. O. # B43013.002	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: NYSDEC
Address 44 S. Broadway, 15th Floor	Analysis Turnaround Time: Standard ☒	
City White Plains State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 914-641-2821 Fax craig.massaro@arcadis-us.com		

	Sample Identification	Date	Time	Matrix	No. of Cont.	8260B	8270C									LAB USE ONLY Project No: / Job No: / Sample Numbers
1	SB142B_2-3	7/13/11	9:45	Soil	2	✓	✓									
2	SB142B_3-4	7/13/11	10:00	Soil	2	✓	✓									
3	SB142B_22-22.5	7/14/11	12:20	Soil	2	✓	✓									
4	SB-143 3-4	7-14-11	15:30	Soil	2	✓	✓									
5	SB-143 32-33	7-14-11	2230	Soil	2	✓	✓									
6	SB-143 39-40	7-14-11	2330	Soil	4 zoa	✓	✓									MS/MSD
7	Dup071411	7-14-11		Soil	2	✓	✓									
8	FB-1	7-14-11	800	H_2O	4	✓	✓									
9	FB-2	7-14-11	1300	H_2O	4	✓	✓									
10	Trip Blank	7-14-11		H_2O	3	✓										

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: / Water:
6 = Other _____, 7 = Other _____

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)	[signature]	ARCADIS	7/15/11 1142	1) [signature]	TALNY
2)	[signature]	TALNY	7/15/11 1650	2) [signature]	Test America
3)	[signature]	[illegible]	7/15/11	3) [signature] 7/16/11 1050	TACT
4)				4)	

f.3°C uncorrected
2.7°C
0.7°C
2.7°C
IR#4

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL-0016 (0408)

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1
Client Matrix: Solid

% Moisture: 11.2

Date Sampled: 07/13/2011 0945
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 07/19/2011 1840
Prep Date: 07/19/2011 1840

Analysis Batch: 220-53087
Prep Batch: N/A

Instrument ID: MSN
Lab File ID: N3873.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	J3	~~15~~	~~J B~~ UB	2.5	23
Benzene		5.6	U	0.64	5.6
Bromodichloromethane		5.6	U	0.34	5.6
Bromoform		5.6	U	0.69	5.6
Bromomethane		5.6	U* J	2.3	5.6
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		0.76	J	0.46	5.6
Carbon tetrachloride		5.6	U	1.1	5.6
Chlorobenzene		5.6	U	0.66	5.6
Chloroethane		5.6	U J	1.1	5.6
Chloroform		5.6	U	0.38	5.6
Chloromethane		5.6	U	0.88	5.6
Dibromochloromethane		5.6	U	0.39	5.6
1,1-Dichloroethane		5.6	U	0.34	5.6
1,2-Dichloroethane		5.6	U	0.65	5.6
1,1-Dichloroethene		0.85	J	0.65	5.6
1,2-Dichloropropane		5.6	U	0.75	5.6
cis-1,3-Dichloropropene		5.6	U	0.63	5.6
trans-1,3-Dichloropropene		5.6	U	0.30	5.6
Ethylbenzene		5.6	U	0.79	5.6
2-Hexanone		11	U	1.4	11
Methylene Chloride	J3	~~6.8~~	~~J B~~ UB J	1.2	23
methyl isobutyl ketone		5.6	U	0.62	5.6
Styrene		5.6	U	0.17	5.6
1,1,2,2-Tetrachloroethane		5.6	U	0.59	5.6
Tetrachloroethene		5.6	U	0.91	5.6
Toluene		0.42	J	0.083	5.6
1,1,1-Trichloroethane		2.2	J	0.60	5.6
1,1,2-Trichloroethane		5.6	U	0.42	5.6
Trichloroethene		5.6	U	0.91	5.6
Vinyl chloride		5.6	U	0.26	5.6
Xylenes, Total		2.2	J	0.55	5.6
cis-1,2-Dichloroethene		5.6	U	0.42	5.6
trans-1,2-Dichloroethene		5.6	U	0.44	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		59 - 132
4-Bromofluorobenzene	113		34 - 124
Dibromofluoromethane	82		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2
Client Matrix: Solid

% Moisture: 12.4

Date Sampled: 07/13/2011 1000
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 07/19/2011 1906
Prep Date: 07/19/2011 1906

Analysis Batch: 220-53087
Prep Batch: N/A

Instrument ID: MSN
Lab File ID: N3874.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	J3	~~9.0~~	~~J B~~ UB	2.6	23
Benzene		3.5	J	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U J	2.4	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroethane		5.7	U J	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.76	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		5.7	U	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride	J3	~~6.7~~	~~J B~~ UB J	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.59	5.7
Tetrachloroethene		5.7	U	0.92	5.7
Toluene		0.16	J	0.084	5.7
1,1,1-Trichloroethane		5.7	U	0.60	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.92	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.55	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	89		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3875.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1932			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1932				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	28	~~7.2~~	~~J B~~ UB	3.1	28
Benzene		7.0	U	0.80	7.0
Bromodichloromethane		7.0	U	0.42	7.0
Bromoform		7.0	U	0.86	7.0
Bromomethane		7.0	U J	2.9	7.0
Methyl Ethyl Ketone		14	U	2.2	14
Carbon disulfide		7.0	U	0.58	7.0
Carbon tetrachloride		7.0	U	1.3	7.0
Chlorobenzene		7.0	U	0.83	7.0
Chloroethane		7.0	U J	1.4	7.0
Chloroform		7.0	U	0.48	7.0
Chloromethane		7.0	U	1.1	7.0
Dibromochloromethane		7.0	U	0.49	7.0
1,1-Dichloroethane		7.0	U	0.42	7.0
1,2-Dichloroethane		7.0	U	0.82	7.0
1,1-Dichloroethene		7.0	U	0.82	7.0
1,2-Dichloropropane		7.0	U	0.94	7.0
cis-1,3-Dichloropropene		7.0	U	0.79	7.0
trans-1,3-Dichloropropene		7.0	U	0.38	7.0
Ethylbenzene		7.0	U	0.98	7.0
2-Hexanone		14	U	1.7	14
Methylene Chloride	28	~~11~~	~~J B~~ UB J	1.5	28
methyl isobutyl ketone		7.0	U	0.77	7.0
Styrene		7.0	U	0.21	7.0
1,1,2,2-Tetrachloroethane		7.0	U	0.73	7.0
Tetrachloroethene		7.0	U	1.1	7.0
Toluene		0.37	J	0.10	7.0
1,1,1-Trichloroethane		7.0	U	0.74	7.0
1,1,2-Trichloroethane		7.0	U	0.52	7.0
Trichloroethene		7.0	U	1.1	7.0
Vinyl chloride		7.0	U	0.32	7.0
Xylenes, Total		7.0	U	0.68	7.0
cis-1,2-Dichloroethene		7.0	U	0.52	7.0
trans-1,2-Dichloroethene		7.0	U	0.55	7.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	86		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 3-4**

Lab Sample ID: 220-16030-4
Client Matrix: Solid

% Moisture: 20.0

Date Sampled: 07/14/2011 1530
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3876.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1957			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1957				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5.9	J B	2.8	25
Benzene		6.3	U	0.71	6.3
Bromodichloromethane		6.3	U	0.38	6.3
Bromoform		6.3	U	0.76	6.3
Bromomethane		6.3	U	2.6	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Carbon disulfide		6.3	U	0.51	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Chlorobenzene		6.3	U	0.74	6.3
Chloroethane		6.3	U	1.2	6.3
Chloroform		6.3	U	0.43	6.3
Chloromethane		6.3	U	0.98	6.3
Dibromochloromethane		6.3	U	0.44	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
1,1-Dichloroethene		6.3	U	0.73	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
cis-1,3-Dichloropropene		6.3	U	0.70	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
Ethylbenzene		6.3	U	0.88	6.3
2-Hexanone		13	U	1.5	13
Methylene Chloride		8.3	J B	1.4	25
methyl isobutyl ketone		6.3	U	0.69	6.3
Styrene		6.3	U	0.19	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.65	6.3
Tetrachloroethene		6.3	U	1.0	6.3
Toluene		0.15	J	0.093	6.3
1,1,1-Trichloroethane		6.3	U	0.66	6.3
1,1,2-Trichloroethane		6.3	U	0.46	6.3
Trichloroethene		6.3	U	1.0	6.3
Vinyl chloride		6.3	U	0.29	6.3
Xylenes, Total		6.3	U	0.61	6.3
cis-1,2-Dichloroethene		6.3	U	0.46	6.3
trans-1,2-Dichloroethene		6.3	U	0.49	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	95		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5
Client Matrix: Solid

% Moisture: 16.4

Date Sampled: 07/14/2011 2230
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 07/19/2011 2023
Prep Date: 07/19/2011 2023

Analysis Batch: 220-53087
Prep Batch: N/A

Instrument ID: MSN
Lab File ID: N3877.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24	~~3.7~~	~~J B~~ UB	2.7	24
Benzene		6.0	U	0.68	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U J	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U J	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.93	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.69	6.0
1,1-Dichloroethene		6.0	U	0.69	6.0
1,2-Dichloropropane		6.0	U	0.80	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride	24	~~9.1~~	~~J B~~ UB J	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.62	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		0.14	J	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.63	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		59 - 132
4-Bromofluorobenzene	101		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	91		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4954.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1306			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1306				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.5	J	2.8	25
Benzene		6.2	U	0.70	6.2
Bromodichloromethane		6.2	U	0.37	6.2
Bromoform		6.2	U J	0.75	6.2
Bromomethane		6.2	U J	2.6	6.2
Methyl Ethyl Ketone		12	U	2.0	12
Carbon disulfide		6.2	U	0.50	6.2
Carbon tetrachloride		6.2	U	1.2	6.2
Chlorobenzene		6.2	U	0.73	6.2
Chloroethane		6.2	U J	1.2	6.2
Chloroform		6.2	U	0.42	6.2
Chloromethane		6.2	U	0.96	6.2
Dibromochloromethane		6.2	U	0.43	6.2
1,1-Dichloroethane		6.2	U	0.37	6.2
1,2-Dichloroethane		6.2	U	0.71	6.2
1,1-Dichloroethene		6.2	U	0.71	6.2
1,2-Dichloropropane		6.2	U	0.82	6.2
cis-1,3-Dichloropropene		6.2	U	0.69	6.2
trans-1,3-Dichloropropene		6.2	U	0.33	6.2
Ethylbenzene		6.2	U	0.86	6.2
2-Hexanone		12	U	1.5	12
Methylene Chloride	25	~~6.3~~	~~J B~~ UB J	1.3	25
methyl isobutyl ketone		6.2	U	0.68	6.2
Styrene		6.2	U	0.18	6.2
1,1,2,2-Tetrachloroethane		6.2	U	0.64	6.2
Tetrachloroethene		6.2	U	1.0	6.2
Toluene		6.2	U	0.091	6.2
1,1,1-Trichloroethane		6.2	U	0.65	6.2
1,1,2-Trichloroethane		6.2	U	0.46	6.2
Trichloroethene		6.2	U	1.0	6.2
Vinyl chloride		6.2	U	0.28	6.2
Xylenes, Total		6.2	U	0.60	6.2
cis-1,2-Dichloroethene		6.2	U	0.46	6.2
trans-1,2-Dichloroethene		6.2	U	0.48	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	82		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4956.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1357			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1357				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.6	J	2.7	24
Benzene		6.0	U	0.69	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U J	0.73	6.0
Bromomethane		6.0	U J	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U J	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.94	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,2-Dichloropropane		6.0	U	0.81	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride	24	~~7.4~~	~~J B~~ UB J	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.63	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		6.0	U	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	79		50 - 118

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **FB-1**

Lab Sample ID: 220-16030-8FB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2422.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2021			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U J	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U J	0.78	5.0
methyl isobutyl ketone	10	U J	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 136
4-Bromofluorobenzene	77		51 - 142
Dibromofluoromethane	101		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB
Client Matrix: Water

Date Sampled: 07/14/2011 1300
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2423.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2049			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U J	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U J	0.78	5.0
methyl isobutyl ketone	10	U J	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		65 - 136
4-Bromofluorobenzene	78		51 - 142
Dibromofluoromethane	102		68 - 132
Toluene-d8 (Surr)	78		63 - 127

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 220-16030-10TB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2424.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2117			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	5.0	U	1.1	5.0
Vinyl chloride	5.0	U	0.99	5.0
Bromomethane	5.0	U	2.1	5.0
Chloroethane	5.0	U	1.1	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
Carbon disulfide	5.0	U	0.90	5.0
Methylene Chloride	5.0	U	0.78	5.0
Acetone	10	U	1.0	10
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
Chloroform	5.0	U	0.67	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Benzene	5.0	U	0.74	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
Trichloroethene	5.0	U	0.62	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
Bromodichloromethane	5.0	U	0.48	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Toluene	5.0	U	0.72	5.0
methyl isobutyl ketone	10	U	0.38	10
Tetrachloroethene	5.0	U	0.81	5.0
Dibromochloromethane	5.0	U	0.55	5.0
2-Hexanone	10	U	1.1	10
Chlorobenzene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.64	5.0
Bromoform	5.0	U	0.46	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	101		68 - 132
1,2-Dichloroethane-d4 (Surr)	107		65 - 136
Toluene-d8 (Surr)	78		63 - 127
4-Bromofluorobenzene	78		51 - 142

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1
Client Matrix: Solid

% Moisture: 11.2

Date Sampled: 07/13/2011 0945
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		290	U	19	290
Bis(2-chloroethyl)ether		290	U	15	290
2-Chlorophenol		290	U	17	290
1,3-Dichlorobenzene		290	U	15	290
1,4-Dichlorobenzene		290	U	17	290
Benzyl alcohol		290	U	28	290
1,2-Dichlorobenzene		290	U	17	290
2,2'-oxybis[1-chloropropane]		290	U	15	290
2-Methylphenol		290	U	18	290
Hexachloroethane		290	U	17	290
N-Nitrosodi-n-propylamine		290	U	20	290
4-Methylphenol		290	U	19	290
Nitrobenzene		290	U	19	290
Isophorone		290	U	16	290
2-Nitrophenol		290	U	18	290
2,4-Dimethylphenol		290	U	14	290
Bis(2-chloroethoxy)methane		290	U	14	290
2,4-Dichlorophenol		290	U	16	290
1,2,4-Trichlorobenzene		290	U	19	290
Naphthalene		1400		15	290
4-Chloroaniline		290	U	48	290
Hexachlorobutadiene		290	U	23	290
4-Chloro-3-methylphenol		290	U	12	290
2-Methylnaphthalene		430		8.4	290
Hexachlorocyclopentadiene		730	U	140	730
2,4,6-Trichlorophenol		290	U	8.0	290
2,4,5-Trichlorophenol		1800	U	15	1800
2-Chloronaphthalene		290	U	12	290
2-Nitroaniline		730	U	18	730
Acenaphthylene		52	J	14	290
Dimethyl phthalate		290	U	17	290
2,6-Dinitrotoluene		290	U	8.6	290
Acenaphthene		410		17	290
3-Nitroaniline		730	U	9.3	730
2,4-Dinitrophenol		1800	U	88	1800
Dibenzofuran		330		21	290
2,4-Dinitrotoluene		290	U	23	290
4-Nitrophenol		1800	U	22	1800
Fluorene		620		18	290
4-Chlorophenyl phenyl ether		290	U	22	290
Diethyl phthalate		290	U	30	290
4-Nitroaniline		290	U	22	290
4,6-Dinitro-2-methylphenol		1800	U	130	1800
N-Nitrosodiphenylamine		220	J	17	290
4-Bromophenyl phenyl ether		290	U	19	290
Hexachlorobenzene		290	U	20	290

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1
Client Matrix: Solid

% Moisture: 11.2

Date Sampled: 07/13/2011 0945
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		730	U	180	730
Phenanthrene		2600		14	290
Carbazole		360		16	290
Anthracene		920		11	290
Di-n-butyl phthalate		290	U	43	290
Fluoranthene		2300		15	290
Pyrene		2700	J	14	290
Butyl benzyl phthalate		290	U	16	290
3,3'-Dichlorobenzidine		360	U	60	360
Benzo[a]anthracene		1700		10	290
Chrysene		1700	J	22	290
Bis(2-ethylhexyl) phthalate		160	J B UB	28	290
Di-n-octyl phthalate		290	U	17	290
Benzo[b]fluoranthene		1600		7.8	290
Benzo[k]fluoranthene		560		26	290
Benzo[a]pyrene		1400		7.9	290
Indeno[1,2,3-cd]pyrene		990		19	290
Dibenz(a,h)anthracene		300		23	290
Benzo[g,h,i]perylene		970	J	19	290

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	65		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	80		37 - 120
Terphenyl-d14	78		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2
Client Matrix: Solid

% Moisture: 12.4

Date Sampled: 07/13/2011 1000
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	20	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	18	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	19	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	16	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		760	U	140	760
2,4,6-Trichlorophenol		310	U	8.4	310
2,4,5-Trichlorophenol		1900	U	16	1900
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		760	U	19	760
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.0	310
Acenaphthene		310	U	18	310
3-Nitroaniline		760	U	9.8	760
2,4-Dinitrophenol		1900	U	92	1900
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		1900	U	23	1900
Fluorene		310	U	18	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		1900	U	130	1900
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2
Client Matrix: Solid

% Moisture: 12.4

Date Sampled: 07/13/2011 1000
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		760	U	190	760
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		24	J	14	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	63	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U J	23	310
Bis(2-ethylhexyl) phthalate		310 ~~300~~	~~J B~~ UB	30	310
Di-n-octyl phthalate		310	U	17	310
Benzo[b]fluoranthene		310	U	8.2	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.3	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U J	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	68		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	77		37 - 120
Terphenyl-d14	64		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3
Client Matrix: Solid

% Moisture: 28.8

Date Sampled: 07/14/2011 1220
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	25	370
Bis(2-chloroethyl)ether		370	U	19	370
2-Chlorophenol		370	U	21	370
1,3-Dichlorobenzene		370	U	18	370
1,4-Dichlorobenzene		370	U	22	370
Benzyl alcohol		370	U	35	370
1,2-Dichlorobenzene		370	U	22	370
2,2'-oxybis[1-chloropropane]		370	U	19	370
2-Methylphenol		370	U	22	370
Hexachloroethane		370	U	21	370
N-Nitrosodi-n-propylamine		370	U	25	370
4-Methylphenol		370	U	24	370
Nitrobenzene		370	U	24	370
Isophorone		370	U	20	370
2-Nitrophenol		370	U	23	370
2,4-Dimethylphenol		370	U	18	370
Bis(2-chloroethoxy)methane		370	U	17	370
2,4-Dichlorophenol		370	U	20	370
1,2,4-Trichlorobenzene		370	U	24	370
Naphthalene		370	U	19	370
4-Chloroaniline		370	U	60	370
Hexachlorobutadiene		370	U	28	370
4-Chloro-3-methylphenol		370	U	15	370
2-Methylnaphthalene		370	U	11	370
Hexachlorocyclopentadiene		920	U	170	920
2,4,6-Trichlorophenol		370	U	10	370
2,4,5-Trichlorophenol		2300	U	19	2300
2-Chloronaphthalene		370	U	16	370
2-Nitroaniline		920	U	22	920
Acenaphthylene		370	U	18	370
Dimethyl phthalate		370	U	21	370
2,6-Dinitrotoluene		370	U	11	370
Acenaphthene		370	U	22	370
3-Nitroaniline		920	U	12	920
2,4-Dinitrophenol		2300	U	110	2300
Dibenzofuran		370	U	26	370
2,4-Dinitrotoluene		370	U	29	370
4-Nitrophenol		2300	U	28	2300
Fluorene		370	U	22	370
4-Chlorophenyl phenyl ether		370	U	27	370
Diethyl phthalate		370	U	37	370
4-Nitroaniline		370	U	28	370
4,6-Dinitro-2-methylphenol		2300	U	160	2300
N-Nitrosodiphenylamine		370	U	21	370
4-Bromophenyl phenyl ether		370	U	24	370
Hexachlorobenzene		370	U	26	370

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB142B_22-22.5**

Lab Sample ID: 220-16030-3
Client Matrix: Solid
% Moisture: 28.8

Date Sampled: 07/14/2011 1220
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		920	U	220	920
Phenanthrene		370	U	18	370
Carbazole		370	U	21	370
Anthracene		370	U	14	370
Di-n-butyl phthalate		370	U	54	370
Fluoranthene		370	U	18	370
Pyrene		370	U J	17	370
Butyl benzyl phthalate		370	U	21	370
3,3'-Dichlorobenzidine		450	U	76	450
Benzo[a]anthracene		370	U	13	370
Chrysene		370	U J	27	370
Bis(2-ethylhexyl) phthalate		370 ~~270~~	~~J B~~ UB	36	370
Di-n-octyl phthalate		370	U	21	370
Benzo[b]fluoranthene		370	U	9.9	370
Benzo[k]fluoranthene		370	U	33	370
Benzo[a]pyrene		370	U	10	370
Indeno[1,2,3-cd]pyrene		370	U	24	370
Dibenz(a,h)anthracene		370	U	29	370
Benzo[g,h,i]perylene		370	U J	24	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	62		34 - 120
Phenol-d5	63		36 - 120
Nitrobenzene-d5	62		38 - 120
2-Fluorobiphenyl	59		41 - 120
2,4,6-Tribromophenol	70		37 - 120
Terphenyl-d14	58		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4
Client Matrix: Solid
% Moisture: 20.0

Date Sampled: 07/14/2011 1530
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		320	U	22	320
Bis(2-chloroethyl)ether		320	U	17	320
2-Chlorophenol		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
Benzyl alcohol		320	U	31	320
1,2-Dichlorobenzene		320	U	19	320
2,2'-oxybis[1-chloropropane]		320	U	17	320
2-Methylphenol		320	U	19	320
Hexachloroethane		320	U	19	320
N-Nitrosodi-n-propylamine		320	U	22	320
4-Methylphenol		320	U	21	320
Nitrobenzene		320	U	21	320
Isophorone		320	U	18	320
2-Nitrophenol		320	U	20	320
2,4-Dimethylphenol		320	U	16	320
Bis(2-chloroethoxy)methane		320	U	15	320
2,4-Dichlorophenol		320	U	17	320
1,2,4-Trichlorobenzene		320	U	21	320
Naphthalene		320	U	17	320
4-Chloroaniline		320	U	53	320
Hexachlorobutadiene		320	U	25	320
4-Chloro-3-methylphenol		320	U	13	320
2-Methylnaphthalene		320	U	9.3	320
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		320	U	8.9	320
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		320	U	14	320
2-Nitroaniline		810	U	20	810
Acenaphthylene		320	U	16	320
Dimethyl phthalate		320	U	19	320
2,6-Dinitrotoluene		320	U	9.5	320
Acenaphthene		320	U	19	320
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2000	U	97	2000
Dibenzofuran		320	U	23	320
2,4-Dinitrotoluene		320	U	26	320
4-Nitrophenol		2000	U	25	2000
Fluorene		320	U	19	320
4-Chlorophenyl phenyl ether		320	U	24	320
Diethyl phthalate		320	U	33	320
4-Nitroaniline		320	U	25	320
4,6-Dinitro-2-methylphenol		2000	U	140	2000
N-Nitrosodiphenylamine		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
Hexachlorobenzene		320	U	22	320

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 3-4**

Lab Sample ID: 220-16030-4
Client Matrix: Solid
% Moisture: 20.0

Date Sampled: 07/14/2011 1530
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		320	U	16	320
Carbazole		320	U	18	320
Anthracene		320	U	13	320
Di-n-butyl phthalate		320	U	47	320
Fluoranthene		320	U	16	320
Pyrene		320	U J	15	320
Butyl benzyl phthalate		320	U	18	320
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		320	U	12	320
Chrysene		320	U J	24	320
Bis(2-ethylhexyl) phthalate		320 ~~59~~	~~J B~~ UB	31	320
Di-n-octyl phthalate		320	U	18	320
Benzo[b]fluoranthene		320	U	8.7	320
Benzo[k]fluoranthene		320	U	29	320
Benzo[a]pyrene		320	U	8.8	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Dibenz(a,h)anthracene		320	U	25	320
Benzo[g,h,i]perylene		320	U J	21	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	70		34 - 120
Phenol-d5	71		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	76		37 - 120
Terphenyl-d14	67		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5
Client Matrix: Solid

% Moisture: 16.4

Date Sampled: 07/14/2011 2230
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	16	310
1,4-Dichlorobenzene		310	U	19	310
Benzyl alcohol		310	U	30	310
1,2-Dichlorobenzene		310	U	19	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	21	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	15	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	21	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	51	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.9	310
Hexachlorocyclopentadiene		780	U	150	780
2,4,6-Trichlorophenol		310	U	8.6	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		780	U	19	780
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.2	310
Acenaphthene		310	U	19	310
3-Nitroaniline		780	U	10	780
2,4-Dinitrophenol		2000	U	94	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	24	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	32	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	18	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	22	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 32-33

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		780	U	190	780
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	46	310
Fluoranthene		310	U	16	310
Pyrene		310	U J	15	310
Butyl benzyl phthalate		310	U	18	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U J	23	310
Bis(2-ethylhexyl) phthalate		310 ~~59~~	~~J B~~ UB	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.4	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.5	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	25	310
Benzo[g,h,i]perylene		310	U J	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	68		34 - 120
Phenol-d5	69		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	71		37 - 120
Terphenyl-d14	63		32 - 125

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6
Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 07/14/2011 2330
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		330	U	22	330
Bis(2-chloroethyl)ether		330	U	17	330
2-Chlorophenol		330	U	19	330
1,3-Dichlorobenzene		330	U	16	330
1,4-Dichlorobenzene		330	U	19	330
Benzyl alcohol		330	U	31	330
1,2-Dichlorobenzene		330	U	19	330
2,2'-oxybis[1-chloropropane]		330	U	17	330
2-Methylphenol		330	U	20	330
Hexachloroethane		330	U	19	330
N-Nitrosodi-n-propylamine		330	U	22	330
4-Methylphenol		330	U	21	330
Nitrobenzene		330	U	21	330
Isophorone		330	U	18	330
2-Nitrophenol		330	U	21	330
2,4-Dimethylphenol		330	U	16	330
Bis(2-chloroethoxy)methane		330	U	15	330
2,4-Dichlorophenol		330	U	17	330
1,2,4-Trichlorobenzene		330	U	21	330
Naphthalene		330	U	17	330
4-Chloroaniline		330	U	53	330
Hexachlorobutadiene		330	U	25	330
4-Chloro-3-methylphenol		330	U	13	330
2-Methylnaphthalene		330	U	9.3	330
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		330	U	9.0	330
2,4,5-Trichlorophenol		2100	U	16	2100
2-Chloronaphthalene		330	U	14	330
2-Nitroaniline		810	U	20	810
Acenaphthylene		330	U	16	330
Dimethyl phthalate		330	U	19	330
2,6-Dinitrotoluene		330	U	9.6	330
Acenaphthene		330	U	19	330
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2100	U	98	2100
Dibenzofuran		330	U	23	330
2,4-Dinitrotoluene		330	U	26	330
4-Nitrophenol		2100	U	25	2100
Fluorene		330	U	20	330
4-Chlorophenyl phenyl ether		330	U	24	330
Diethyl phthalate		330	U	33	330
4-Nitroaniline		330	U	25	330
4,6-Dinitro-2-methylphenol		2100	U	140	2100
N-Nitrosodiphenylamine		330	U	18	330
4-Bromophenyl phenyl ether		330	U	21	330
Hexachlorobenzene		330	U	23	330

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6
Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 07/14/2011 2330
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		330	U	16	330
Carbazole		330	U	18	330
Anthracene		330	U	13	330
Di-n-butyl phthalate		330	U	48	330
Fluoranthene		330	U	16	330
Pyrene		330	U J	15	330
Butyl benzyl phthalate		330	U	18	330
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		330	U	12	330
Chrysene		330	U J	24	330
Bis(2-ethylhexyl) phthalate		330 ~~38~~	~~J B~~ UB	32	330
Di-n-octyl phthalate		330	U	19	330
Benzo[b]fluoranthene		330	U	8.7	330
Benzo[k]fluoranthene		330	U	29	330
Benzo[a]pyrene		330	U	8.9	330
Indeno[1,2,3-cd]pyrene		330	U	21	330
Dibenz(a,h)anthracene		330	U	26	330
Benzo[g,h,i]perylene		330	U J	21	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	66		34 - 120
Phenol-d5	67		36 - 120
Nitrobenzene-d5	65		38 - 120
2-Fluorobiphenyl	61		41 - 120
2,4,6-Tribromophenol	68		37 - 120
Terphenyl-d14	62		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		770	U	150	770
2,4,6-Trichlorophenol		310	U	8.5	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		770	U	19	770
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.1	310
Acenaphthene		310	U	18	310
3-Nitroaniline		770	U	9.9	770
2,4-Dinitrophenol		2000	U	93	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	23	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **DUP071411**

Lab Sample ID: 220-16030-7
Client Matrix: Solid

% Moisture: 16.9

Date Sampled: 07/14/2011 0000
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		770	U	190	770
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		310	U J	15	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U J	23	310
Bis(2-ethylhexyl) phthalate	310 ~~51~~	~~51~~	~~J B~~ UB	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.3	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.4	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U J	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	66		36 - 120
Nitrobenzene-d5	66		38 - 120
2-Fluorobiphenyl	60		41 - 120
2,4,6-Tribromophenol	64		37 - 120
Terphenyl-d14	59		32 - 125

Client Sample ID: **FB-1**

Lab Sample ID: 220-16030-8FB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc.

Job Number: 220-16030-1

Client Sample ID: **FB-1**

Lab Sample ID: 220-16030-8FB
Client Matrix: Water

Date Sampled: 07/14/2011 0800
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	30		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	70		40 - 120
2-Fluorobiphenyl	72		39 - 120
2,4,6-Tribromophenol	85		36 - 120
Terphenyl-d14	88		10 - 120

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB
Client Matrix: Water

Date Sampled: 07/14/2011 1300
Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U*	0.54	4.0
Di-n-octyl phthalate	4.0	U*	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	29		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	67		40 - 120
2-Fluorobiphenyl	71		39 - 120
2,4,6-Tribromophenol	90		36 - 120
Terphenyl-d14	95		10 - 120

Appendix D

Analytical Report (on CD)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-16030-1

Job Description: Con Ed Haven Plaza E. 11th Street

For:
ARCADIS U.S., Inc.
44 South Broadway
15 Floor
White Plains, NY 10601

Attention: Mr. Craig Massaro

Approved for release.
Joan Widomski
Project Manager I
7/29/2011 5:19 PM

Designee for
Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
07/29/2011

cc: Bruce Ahrens

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Number: 220-16030-1

Job Description: Con Ed Haven Plaza E. 11th Street

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.
Joan Widomski
Project Manager I
7/29/2011 5:19 PM

Designee for
Jackie Trudell

Table of Contents

Table of Contents

Job Narrative
220-16030-1

Comments
No additional comments.

Receipt
The following volatile sample was received with headspace in 2 of 3 sample vials Trip Blank (220-16030-10). These were not used for analysis.Container IDs are 220-16030-B-10 and 220-16030-C-10.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): DUP071411 (220-16030-7). The container labels list DUP-071411. The COC lists DUP071411. Client advised the lab to use the ID on the COC.

The following field QC sample was received at the laboratory without a sample collection time documented on the chain of custody: DUP071411 (220-16030-7). As a result, a sample collection time of 12:00am, on the date of collection, has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-16030-1	SB142B_2-3	Solid	07/13/2011 0945	07/16/2011 1050
220-16030-2	SB142B_3-4	Solid	07/13/2011 1000	07/16/2011 1050
220-16030-3	SB142B_22-22.5	Solid	07/14/2011 1220	07/16/2011 1050
220-16030-4	SB-143 3-4	Solid	07/14/2011 1530	07/16/2011 1050
220-16030-5	SB-143 32-33	Solid	07/14/2011 2230	07/16/2011 1050
220-16030-6	SB-143 39-40	Solid	07/14/2011 2330	07/16/2011 1050
220-16030-6MS	SB-143 39-40	Solid	07/14/2011 2330	07/16/2011 1050
220-16030-6MSD	SB-143 39-40	Solid	07/14/2011 2330	07/16/2011 1050
220-16030-7	DUP071411	Solid	07/14/2011 0000	07/16/2011 1050
220-16030-8FB	FB-1	Water	07/14/2011 0800	07/16/2011 1050
220-16030-9FB	FB-2	Water	07/14/2011 1300	07/16/2011 1050
220-16030-10TB	Trip Blank	Water	07/14/2011 0800	07/16/2011 1050

METHOD SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Percent Moisture	TAL CT	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
EPA Moisture	Bouthot, Agnieszka	AB

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_2-3

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid % Moisture: 11.2 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3873.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1840			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		15	J B	2.5	23
Benzene		5.6	U	0.64	5.6
Bromodichloromethane		5.6	U	0.34	5.6
Bromoform		5.6	U	0.69	5.6
Bromomethane		5.6	U *	2.3	5.6
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		0.76	J	0.46	5.6
Carbon tetrachloride		5.6	U	1.1	5.6
Chlorobenzene		5.6	U	0.66	5.6
Chloroethane		5.6	U	1.1	5.6
Chloroform		5.6	U	0.38	5.6
Chloromethane		5.6	U	0.88	5.6
Dibromochloromethane		5.6	U	0.39	5.6
1,1-Dichloroethane		5.6	U	0.34	5.6
1,2-Dichloroethane		5.6	U	0.65	5.6
1,1-Dichloroethene		0.85	J	0.65	5.6
1,2-Dichloropropane		5.6	U	0.75	5.6
cis-1,3-Dichloropropene		5.6	U	0.63	5.6
trans-1,3-Dichloropropene		5.6	U	0.30	5.6
Ethylbenzene		5.6	U	0.79	5.6
2-Hexanone		11	U	1.4	11
Methylene Chloride		6.8	J B	1.2	23
methyl isobutyl ketone		5.6	U	0.62	5.6
Styrene		5.6	U	0.17	5.6
1,1,2,2-Tetrachloroethane		5.6	U	0.59	5.6
Tetrachloroethene		5.6	U	0.91	5.6
Toluene		0.42	J	0.083	5.6
1,1,1-Trichloroethane		2.2	J	0.60	5.6
1,1,2-Trichloroethane		5.6	U	0.42	5.6
Trichloroethene		5.6	U	0.91	5.6
Vinyl chloride		5.6	U	0.26	5.6
Xylenes, Total		2.2	J	0.55	5.6
cis-1,2-Dichloroethene		5.6	U	0.42	5.6
trans-1,2-Dichloroethene		5.6	U	0.44	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		59 - 132
4-Bromofluorobenzene	113		34 - 124
Dibromofluoromethane	82		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_3-4

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3874.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1906			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1906				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		9.0	J B	2.6	23
Benzene		3.5	J	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U *	2.4	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroethane		5.7	U	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.76	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		5.7	U	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride		6.7	J B	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.59	5.7
Tetrachloroethene		5.7	U	0.92	5.7
Toluene		0.16	J	0.084	5.7
1,1,1-Trichloroethane		5.7	U	0.60	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.92	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.55	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	89		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3875.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1932			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1932				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		7.2	J B	3.1	28
Benzene		7.0	U	0.80	7.0
Bromodichloromethane		7.0	U	0.42	7.0
Bromoform		7.0	U	0.86	7.0
Bromomethane		7.0	U *	2.9	7.0
Methyl Ethyl Ketone		14	U	2.2	14
Carbon disulfide		7.0	U	0.58	7.0
Carbon tetrachloride		7.0	U	1.3	7.0
Chlorobenzene		7.0	U	0.83	7.0
Chloroethane		7.0	U	1.4	7.0
Chloroform		7.0	U	0.48	7.0
Chloromethane		7.0	U	1.1	7.0
Dibromochloromethane		7.0	U	0.49	7.0
1,1-Dichloroethane		7.0	U	0.42	7.0
1,2-Dichloroethane		7.0	U	0.82	7.0
1,1-Dichloroethene		7.0	U	0.82	7.0
1,2-Dichloropropane		7.0	U	0.94	7.0
cis-1,3-Dichloropropene		7.0	U	0.79	7.0
trans-1,3-Dichloropropene		7.0	U	0.38	7.0
Ethylbenzene		7.0	U	0.98	7.0
2-Hexanone		14	U	1.7	14
Methylene Chloride		11	J B	1.5	28
methyl isobutyl ketone		7.0	U	0.77	7.0
Styrene		7.0	U	0.21	7.0
1,1,2,2-Tetrachloroethane		7.0	U	0.73	7.0
Tetrachloroethene		7.0	U	1.1	7.0
Toluene		0.37	J	0.10	7.0
1,1,1-Trichloroethane		7.0	U	0.74	7.0
1,1,2-Trichloroethane		7.0	U	0.52	7.0
Trichloroethene		7.0	U	1.1	7.0
Vinyl chloride		7.0	U	0.32	7.0
Xylenes, Total		7.0	U	0.68	7.0
cis-1,2-Dichloroethene		7.0	U	0.52	7.0
trans-1,2-Dichloroethene		7.0	U	0.55	7.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	86		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid % Moisture: 20.0 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3876.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1957			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1957				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5.9	J B	2.8	25
Benzene		6.3	U	0.71	6.3
Bromodichloromethane		6.3	U	0.38	6.3
Bromoform		6.3	U	0.76	6.3
Bromomethane		6.3	U *	2.6	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Carbon disulfide		6.3	U	0.51	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Chlorobenzene		6.3	U	0.74	6.3
Chloroethane		6.3	U	1.2	6.3
Chloroform		6.3	U	0.43	6.3
Chloromethane		6.3	U	0.98	6.3
Dibromochloromethane		6.3	U	0.44	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
1,1-Dichloroethene		6.3	U	0.73	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
cis-1,3-Dichloropropene		6.3	U	0.70	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
Ethylbenzene		6.3	U	0.88	6.3
2-Hexanone		13	U	1.5	13
Methylene Chloride		8.3	J B	1.4	25
methyl isobutyl ketone		6.3	U	0.69	6.3
Styrene		6.3	U	0.19	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.65	6.3
Tetrachloroethene		6.3	U	1.0	6.3
Toluene		0.15	J	0.093	6.3
1,1,1-Trichloroethane		6.3	U	0.66	6.3
1,1,2-Trichloroethane		6.3	U	0.46	6.3
Trichloroethene		6.3	U	1.0	6.3
Vinyl chloride		6.3	U	0.29	6.3
Xylenes, Total		6.3	U	0.61	6.3
cis-1,2-Dichloroethene		6.3	U	0.46	6.3
trans-1,2-Dichloroethene		6.3	U	0.49	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	95		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	92		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 32-33

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53087	Instrument ID:	MSN
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N3877.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 2023			Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 2023				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		3.7	J B	2.7	24
Benzene		6.0	U	0.68	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U *	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.93	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.69	6.0
1,1-Dichloroethene		6.0	U	0.69	6.0
1,2-Dichloropropane		6.0	U	0.80	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride		9.1	J B	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.62	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		0.14	J	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.63	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		59 - 132
4-Bromofluorobenzene	101		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	91		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4954.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1306			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1306				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.5	J	2.8	25
Benzene		6.2	U	0.70	6.2
Bromodichloromethane		6.2	U	0.37	6.2
Bromoform		6.2	U	0.75	6.2
Bromomethane		6.2	U	2.6	6.2
Methyl Ethyl Ketone		12	U	2.0	12
Carbon disulfide		6.2	U	0.50	6.2
Carbon tetrachloride		6.2	U	1.2	6.2
Chlorobenzene		6.2	U	0.73	6.2
Chloroethane		6.2	U	1.2	6.2
Chloroform		6.2	U	0.42	6.2
Chloromethane		6.2	U	0.96	6.2
Dibromochloromethane		6.2	U	0.43	6.2
1,1-Dichloroethane		6.2	U	0.37	6.2
1,2-Dichloroethane		6.2	U	0.71	6.2
1,1-Dichloroethene		6.2	U	0.71	6.2
1,2-Dichloropropane		6.2	U	0.82	6.2
cis-1,3-Dichloropropene		6.2	U	0.69	6.2
trans-1,3-Dichloropropene		6.2	U	0.33	6.2
Ethylbenzene		6.2	U	0.86	6.2
2-Hexanone		12	U	1.5	12
Methylene Chloride		6.3	J B	1.3	25
methyl isobutyl ketone		6.2	U	0.68	6.2
Styrene		6.2	U	0.18	6.2
1,1,2,2-Tetrachloroethane		6.2	U	0.64	6.2
Tetrachloroethene		6.2	U	1.0	6.2
Toluene		6.2	U	0.091	6.2
1,1,1-Trichloroethane		6.2	U	0.65	6.2
1,1,2-Trichloroethane		6.2	U	0.46	6.2
Trichloroethene		6.2	U	1.0	6.2
Vinyl chloride		6.2	U	0.28	6.2
Xylenes, Total		6.2	U	0.60	6.2
cis-1,2-Dichloroethene		6.2	U	0.46	6.2
trans-1,2-Dichloroethene		6.2	U	0.48	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	85		59 - 123
Toluene-d8 (Surr)	82		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53146	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O4956.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1357			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1357				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.6	J	2.7	24
Benzene		6.0	U	0.69	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.94	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,2-Dichloropropane		6.0	U	0.81	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride		7.4	J B	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.63	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		6.0	U	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	84		59 - 123
Toluene-d8 (Surr)	79		50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-1

Lab Sample ID: 220-16030-8FB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2422.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2021			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 136
4-Bromofluorobenzene	77		51 - 142
Dibromofluoromethane	101		68 - 132
Toluene-d8 (Surr)	85		63 - 127

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2423.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2049			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		65 - 136
4-Bromofluorobenzene	78		51 - 142
Dibromofluoromethane	102		68 - 132
Toluene-d8 (Surr)	78		63 - 127

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: Trip Blank

Lab Sample ID: 220-16030-10TB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-53093	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V2424.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 2117			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 2117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	5.0	U	1.1	5.0
Vinyl chloride	5.0	U	0.99	5.0
Bromomethane	5.0	U	2.1	5.0
Chloroethane	5.0	U	1.1	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
Carbon disulfide	5.0	U	0.90	5.0
Methylene Chloride	5.0	U	0.78	5.0
Acetone	10	U	1.0	10
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
Chloroform	5.0	U	0.67	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Benzene	5.0	U	0.74	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
Trichloroethene	5.0	U	0.62	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
Bromodichloromethane	5.0	U	0.48	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Toluene	5.0	U	0.72	5.0
methyl isobutyl ketone	10	U	0.38	10
Tetrachloroethene	5.0	U	0.81	5.0
Dibromochloromethane	5.0	U	0.55	5.0
2-Hexanone	10	U	1.1	10
Chlorobenzene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.64	5.0
Bromoform	5.0	U	0.46	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	101		68 - 132
1,2-Dichloroethane-d4 (Surr)	107		65 - 136
Toluene-d8 (Surr)	78		63 - 127
4-Bromofluorobenzene	78		51 - 142

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_2-3

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid % Moisture: 11.2 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		290	U	19	290
Bis(2-chloroethyl)ether		290	U	15	290
2-Chlorophenol		290	U	17	290
1,3-Dichlorobenzene		290	U	15	290
1,4-Dichlorobenzene		290	U	17	290
Benzyl alcohol		290	U	28	290
1,2-Dichlorobenzene		290	U	17	290
2,2'-oxybis[1-chloropropane]		290	U	15	290
2-Methylphenol		290	U	18	290
Hexachloroethane		290	U	17	290
N-Nitrosodi-n-propylamine		290	U	20	290
4-Methylphenol		290	U	19	290
Nitrobenzene		290	U	19	290
Isophorone		290	U	16	290
2-Nitrophenol		290	U	18	290
2,4-Dimethylphenol		290	U	14	290
Bis(2-chloroethoxy)methane		290	U	14	290
2,4-Dichlorophenol		290	U	16	290
1,2,4-Trichlorobenzene		290	U	19	290
Naphthalene		1400		15	290
4-Chloroaniline		290	U	48	290
Hexachlorobutadiene		290	U	23	290
4-Chloro-3-methylphenol		290	U	12	290
2-Methylnaphthalene		430		8.4	290
Hexachlorocyclopentadiene		730	U	140	730
2,4,6-Trichlorophenol		290	U	8.0	290
2,4,5-Trichlorophenol		1800	U	15	1800
2-Chloronaphthalene		290	U	12	290
2-Nitroaniline		730	U	18	730
Acenaphthylene		52	J	14	290
Dimethyl phthalate		290	U	17	290
2,6-Dinitrotoluene		290	U	8.6	290
Acenaphthene		410		17	290
3-Nitroaniline		730	U	9.3	730
2,4-Dinitrophenol		1800	U	88	1800
Dibenzofuran		330		21	290
2,4-Dinitrotoluene		290	U	23	290
4-Nitrophenol		1800	U	22	1800
Fluorene		620		18	290
4-Chlorophenyl phenyl ether		290	U	22	290
Diethyl phthalate		290	U	30	290
4-Nitroaniline		290	U	22	290
4,6-Dinitro-2-methylphenol		1800	U	130	1800
N-Nitrosodiphenylamine		220	J	17	290
4-Bromophenyl phenyl ether		290	U	19	290
Hexachlorobenzene		290	U	20	290

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB142B_2-3**

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid % Moisture: 11.2 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24511.D
Dilution:	1.0			Initial Weight/Volume:	15.56 g
Analysis Date:	07/27/2011 1509			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		730	U	180	730
Phenanthrene		2600		14	290
Carbazole		360		16	290
Anthracene		920		11	290
Di-n-butyl phthalate		290	U	43	290
Fluoranthene		2300		15	290
Pyrene		2700		14	290
Butyl benzyl phthalate		290	U	16	290
3,3'-Dichlorobenzidine		360	U	60	360
Benzo[a]anthracene		1700		10	290
Chrysene		1700		22	290
Bis(2-ethylhexyl) phthalate		160	J B	28	290
Di-n-octyl phthalate		290	U	17	290
Benzo[b]fluoranthene		1600		7.8	290
Benzo[k]fluoranthene		560		26	290
Benzo[a]pyrene		1400		7.9	290
Indeno[1,2,3-cd]pyrene		990		19	290
Dibenz(a,h)anthracene		300		23	290
Benzo[g,h,i]perylene		970		19	290

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	65		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	80		37 - 120
Terphenyl-d14	78		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_3-4

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	20	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	18	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	19	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	16	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		760	U	140	760
2,4,6-Trichlorophenol		310	U	8.4	310
2,4,5-Trichlorophenol		1900	U	16	1900
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		760	U	19	760
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.0	310
Acenaphthene		310	U	18	310
3-Nitroaniline		760	U	9.8	760
2,4-Dinitrophenol		1900	U	92	1900
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		1900	U	23	1900
Fluorene		310	U	18	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		1900	U	130	1900
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_3-4

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24503.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	07/27/2011 1106			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		760	U	190	760
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		24	J	14	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	63	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U	23	310
Bis(2-ethylhexyl) phthalate		300	J B	30	310
Di-n-octyl phthalate		310	U	17	310
Benzo[b]fluoranthene		310	U	8.2	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.3	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	68		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	77		37 - 120
Terphenyl-d14	64		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB142B_22-22.5

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	25	370
Bis(2-chloroethyl)ether		370	U	19	370
2-Chlorophenol		370	U	21	370
1,3-Dichlorobenzene		370	U	18	370
1,4-Dichlorobenzene		370	U	22	370
Benzyl alcohol		370	U	35	370
1,2-Dichlorobenzene		370	U	22	370
2,2'-oxybis[1-chloropropane]		370	U	19	370
2-Methylphenol		370	U	22	370
Hexachloroethane		370	U	21	370
N-Nitrosodi-n-propylamine		370	U	25	370
4-Methylphenol		370	U	24	370
Nitrobenzene		370	U	24	370
Isophorone		370	U	20	370
2-Nitrophenol		370	U	23	370
2,4-Dimethylphenol		370	U	18	370
Bis(2-chloroethoxy)methane		370	U	17	370
2,4-Dichlorophenol		370	U	20	370
1,2,4-Trichlorobenzene		370	U	24	370
Naphthalene		370	U	19	370
4-Chloroaniline		370	U	60	370
Hexachlorobutadiene		370	U	28	370
4-Chloro-3-methylphenol		370	U	15	370
2-Methylnaphthalene		370	U	11	370
Hexachlorocyclopentadiene		920	U	170	920
2,4,6-Trichlorophenol		370	U	10	370
2,4,5-Trichlorophenol		2300	U	19	2300
2-Chloronaphthalene		370	U	16	370
2-Nitroaniline		920	U	22	920
Acenaphthylene		370	U	18	370
Dimethyl phthalate		370	U	21	370
2,6-Dinitrotoluene		370	U	11	370
Acenaphthene		370	U	22	370
3-Nitroaniline		920	U	12	920
2,4-Dinitrophenol		2300	U	110	2300
Dibenzofuran		370	U	26	370
2,4-Dinitrotoluene		370	U	29	370
4-Nitrophenol		2300	U	28	2300
Fluorene		370	U	22	370
4-Chlorophenyl phenyl ether		370	U	27	370
Diethyl phthalate		370	U	37	370
4-Nitroaniline		370	U	28	370
4,6-Dinitro-2-methylphenol		2300	U	160	2300
N-Nitrosodiphenylamine		370	U	21	370
4-Bromophenyl phenyl ether		370	U	24	370
Hexachlorobenzene		370	U	26	370

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB142B_22-22.5**

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid % Moisture: 28.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24504.D
Dilution:	1.0			Initial Weight/Volume:	15.40 g
Analysis Date:	07/27/2011 1136			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		920	U	220	920
Phenanthrene		370	U	18	370
Carbazole		370	U	21	370
Anthracene		370	U	14	370
Di-n-butyl phthalate		370	U	54	370
Fluoranthene		370	U	18	370
Pyrene		370	U	17	370
Butyl benzyl phthalate		370	U	21	370
3,3'-Dichlorobenzidine		450	U	76	450
Benzo[a]anthracene		370	U	13	370
Chrysene		370	U	27	370
Bis(2-ethylhexyl) phthalate		270	J B	36	370
Di-n-octyl phthalate		370	U	21	370
Benzo[b]fluoranthene		370	U	9.9	370
Benzo[k]fluoranthene		370	U	33	370
Benzo[a]pyrene		370	U	10	370
Indeno[1,2,3-cd]pyrene		370	U	24	370
Dibenz(a,h)anthracene		370	U	29	370
Benzo[g,h,i]perylene		370	U	24	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	62		34 - 120
Phenol-d5	63		36 - 120
Nitrobenzene-d5	62		38 - 120
2-Fluorobiphenyl	59		41 - 120
2,4,6-Tribromophenol	70		37 - 120
Terphenyl-d14	58		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid % Moisture: 20.0 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		320	U	22	320
Bis(2-chloroethyl)ether		320	U	17	320
2-Chlorophenol		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
Benzyl alcohol		320	U	31	320
1,2-Dichlorobenzene		320	U	19	320
2,2'-oxybis[1-chloropropane]		320	U	17	320
2-Methylphenol		320	U	19	320
Hexachloroethane		320	U	19	320
N-Nitrosodi-n-propylamine		320	U	22	320
4-Methylphenol		320	U	21	320
Nitrobenzene		320	U	21	320
Isophorone		320	U	18	320
2-Nitrophenol		320	U	20	320
2,4-Dimethylphenol		320	U	16	320
Bis(2-chloroethoxy)methane		320	U	15	320
2,4-Dichlorophenol		320	U	17	320
1,2,4-Trichlorobenzene		320	U	21	320
Naphthalene		320	U	17	320
4-Chloroaniline		320	U	53	320
Hexachlorobutadiene		320	U	25	320
4-Chloro-3-methylphenol		320	U	13	320
2-Methylnaphthalene		320	U	9.3	320
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		320	U	8.9	320
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		320	U	14	320
2-Nitroaniline		810	U	20	810
Acenaphthylene		320	U	16	320
Dimethyl phthalate		320	U	19	320
2,6-Dinitrotoluene		320	U	9.5	320
Acenaphthene		320	U	19	320
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2000	U	97	2000
Dibenzofuran		320	U	23	320
2,4-Dinitrotoluene		320	U	26	320
4-Nitrophenol		2000	U	25	2000
Fluorene		320	U	19	320
4-Chlorophenyl phenyl ether		320	U	24	320
Diethyl phthalate		320	U	33	320
4-Nitroaniline		320	U	25	320
4,6-Dinitro-2-methylphenol		2000	U	140	2000
N-Nitrosodiphenylamine		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
Hexachlorobenzene		320	U	22	320

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 3-4

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid % Moisture: 20.0 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24505.D
Dilution:	1.0			Initial Weight/Volume:	15.60 g
Analysis Date:	07/27/2011 1206			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		320	U	16	320
Carbazole		320	U	18	320
Anthracene		320	U	13	320
Di-n-butyl phthalate		320	U	47	320
Fluoranthene		320	U	16	320
Pyrene		320	U	15	320
Butyl benzyl phthalate		320	U	18	320
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		320	U	12	320
Chrysene		320	U	24	320
Bis(2-ethylhexyl) phthalate		59	J B	31	320
Di-n-octyl phthalate		320	U	18	320
Benzo[b]fluoranthene		320	U	8.7	320
Benzo[k]fluoranthene		320	U	29	320
Benzo[a]pyrene		320	U	8.8	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Dibenz(a,h)anthracene		320	U	25	320
Benzo[g,h,i]perylene		320	U	21	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	70		34 - 120
Phenol-d5	71		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	65		41 - 120
2,4,6-Tribromophenol	76		37 - 120
Terphenyl-d14	67		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	16	310
1,4-Dichlorobenzene		310	U	19	310
Benzyl alcohol		310	U	30	310
1,2-Dichlorobenzene		310	U	19	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	21	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	15	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	21	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	51	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.9	310
Hexachlorocyclopentadiene		780	U	150	780
2,4,6-Trichlorophenol		310	U	8.6	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		780	U	19	780
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.2	310
Acenaphthene		310	U	19	310
3-Nitroaniline		780	U	10	780
2,4-Dinitrophenol		2000	U	94	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	24	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	32	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	18	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	22	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid % Moisture: 16.4 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24506.D
Dilution:	1.0			Initial Weight/Volume:	15.45 g
Analysis Date:	07/27/2011 1237			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		780	U	190	780
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	46	310
Fluoranthene		310	U	16	310
Pyrene		310	U	15	310
Butyl benzyl phthalate		310	U	18	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U	23	310
Bis(2-ethylhexyl) phthalate		59	J B	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.4	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.5	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	25	310
Benzo[g,h,i]perylene		310	U	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	68		34 - 120
Phenol-d5	69		36 - 120
Nitrobenzene-d5	69		38 - 120
2-Fluorobiphenyl	64		41 - 120
2,4,6-Tribromophenol	71		37 - 120
Terphenyl-d14	63		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: SB-143 39-40

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		330	U	22	330
Bis(2-chloroethyl)ether		330	U	17	330
2-Chlorophenol		330	U	19	330
1,3-Dichlorobenzene		330	U	16	330
1,4-Dichlorobenzene		330	U	19	330
Benzyl alcohol		330	U	31	330
1,2-Dichlorobenzene		330	U	19	330
2,2'-oxybis[1-chloropropane]		330	U	17	330
2-Methylphenol		330	U	20	330
Hexachloroethane		330	U	19	330
N-Nitrosodi-n-propylamine		330	U	22	330
4-Methylphenol		330	U	21	330
Nitrobenzene		330	U	21	330
Isophorone		330	U	18	330
2-Nitrophenol		330	U	21	330
2,4-Dimethylphenol		330	U	16	330
Bis(2-chloroethoxy)methane		330	U	15	330
2,4-Dichlorophenol		330	U	17	330
1,2,4-Trichlorobenzene		330	U	21	330
Naphthalene		330	U	17	330
4-Chloroaniline		330	U	53	330
Hexachlorobutadiene		330	U	25	330
4-Chloro-3-methylphenol		330	U	13	330
2-Methylnaphthalene		330	U	9.3	330
Hexachlorocyclopentadiene		810	U	150	810
2,4,6-Trichlorophenol		330	U	9.0	330
2,4,5-Trichlorophenol		2100	U	16	2100
2-Chloronaphthalene		330	U	14	330
2-Nitroaniline		810	U	20	810
Acenaphthylene		330	U	16	330
Dimethyl phthalate		330	U	19	330
2,6-Dinitrotoluene		330	U	9.6	330
Acenaphthene		330	U	19	330
3-Nitroaniline		810	U	10	810
2,4-Dinitrophenol		2100	U	98	2100
Dibenzofuran		330	U	23	330
2,4-Dinitrotoluene		330	U	26	330
4-Nitrophenol		2100	U	25	2100
Fluorene		330	U	20	330
4-Chlorophenyl phenyl ether		330	U	24	330
Diethyl phthalate		330	U	33	330
4-Nitroaniline		330	U	25	330
4,6-Dinitro-2-methylphenol		2100	U	140	2100
N-Nitrosodiphenylamine		330	U	18	330
4-Bromophenyl phenyl ether		330	U	21	330
Hexachlorobenzene		330	U	23	330

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: **SB-143 39-40**

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid % Moisture: 18.8 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24507.D
Dilution:	1.0			Initial Weight/Volume:	15.23 g
Analysis Date:	07/27/2011 1307			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		810	U	200	810
Phenanthrene		330	U	16	330
Carbazole		330	U	18	330
Anthracene		330	U	13	330
Di-n-butyl phthalate		330	U	48	330
Fluoranthene		330	U	16	330
Pyrene		330	U	15	330
Butyl benzyl phthalate		330	U	18	330
3,3'-Dichlorobenzidine		400	U	67	400
Benzo[a]anthracene		330	U	12	330
Chrysene		330	U	24	330
Bis(2-ethylhexyl) phthalate		38	J B	32	330
Di-n-octyl phthalate		330	U	19	330
Benzo[b]fluoranthene		330	U	8.7	330
Benzo[k]fluoranthene		330	U	29	330
Benzo[a]pyrene		330	U	8.9	330
Indeno[1,2,3-cd]pyrene		330	U	21	330
Dibenz(a,h)anthracene		330	U	26	330
Benzo[g,h,i]perylene		330	U	21	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	66		34 - 120
Phenol-d5	67		36 - 120
Nitrobenzene-d5	65		38 - 120
2-Fluorobiphenyl	61		41 - 120
2,4,6-Tribromophenol	68		37 - 120
Terphenyl-d14	62		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		310	U	21	310
Bis(2-chloroethyl)ether		310	U	16	310
2-Chlorophenol		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
Benzyl alcohol		310	U	29	310
1,2-Dichlorobenzene		310	U	18	310
2,2'-oxybis[1-chloropropane]		310	U	16	310
2-Methylphenol		310	U	19	310
Hexachloroethane		310	U	18	310
N-Nitrosodi-n-propylamine		310	U	21	310
4-Methylphenol		310	U	20	310
Nitrobenzene		310	U	20	310
Isophorone		310	U	17	310
2-Nitrophenol		310	U	20	310
2,4-Dimethylphenol		310	U	15	310
Bis(2-chloroethoxy)methane		310	U	14	310
2,4-Dichlorophenol		310	U	17	310
1,2,4-Trichlorobenzene		310	U	20	310
Naphthalene		310	U	16	310
4-Chloroaniline		310	U	50	310
Hexachlorobutadiene		310	U	24	310
4-Chloro-3-methylphenol		310	U	13	310
2-Methylnaphthalene		310	U	8.8	310
Hexachlorocyclopentadiene		770	U	150	770
2,4,6-Trichlorophenol		310	U	8.5	310
2,4,5-Trichlorophenol		2000	U	16	2000
2-Chloronaphthalene		310	U	13	310
2-Nitroaniline		770	U	19	770
Acenaphthylene		310	U	15	310
Dimethyl phthalate		310	U	18	310
2,6-Dinitrotoluene		310	U	9.1	310
Acenaphthene		310	U	18	310
3-Nitroaniline		770	U	9.9	770
2,4-Dinitrophenol		2000	U	93	2000
Dibenzofuran		310	U	22	310
2,4-Dinitrotoluene		310	U	25	310
4-Nitrophenol		2000	U	23	2000
Fluorene		310	U	19	310
4-Chlorophenyl phenyl ether		310	U	23	310
Diethyl phthalate		310	U	31	310
4-Nitroaniline		310	U	24	310
4,6-Dinitro-2-methylphenol		2000	U	130	2000
N-Nitrosodiphenylamine		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
Hexachlorobenzene		310	U	21	310

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: DUP071411

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid % Moisture: 16.9 Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53339	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-53281	Lab File ID:	C24510.D
Dilution:	1.0			Initial Weight/Volume:	15.72 g
Analysis Date:	07/27/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		770	U	190	770
Phenanthrene		310	U	15	310
Carbazole		310	U	17	310
Anthracene		310	U	12	310
Di-n-butyl phthalate		310	U	45	310
Fluoranthene		310	U	15	310
Pyrene		310	U	15	310
Butyl benzyl phthalate		310	U	17	310
3,3'-Dichlorobenzidine		380	U	64	380
Benzo[a]anthracene		310	U	11	310
Chrysene		310	U	23	310
Bis(2-ethylhexyl) phthalate		51	J B	30	310
Di-n-octyl phthalate		310	U	18	310
Benzo[b]fluoranthene		310	U	8.3	310
Benzo[k]fluoranthene		310	U	28	310
Benzo[a]pyrene		310	U	8.4	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Dibenz(a,h)anthracene		310	U	24	310
Benzo[g,h,i]perylene		310	U	20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		34 - 120
Phenol-d5	66		36 - 120
Nitrobenzene-d5	66		38 - 120
2-Fluorobiphenyl	60		41 - 120
2,4,6-Tribromophenol	64		37 - 120
Terphenyl-d14	59		32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-1

Lab Sample ID: 220-16030-8FB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-1

Lab Sample ID: 220-16030-8FB Date Sampled: 07/14/2011 0800
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21861.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1605			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U *	0.54	4.0
Di-n-octyl phthalate	4.0	U *	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	30		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	70		40 - 120
2-Fluorobiphenyl	72		39 - 120
2,4,6-Tribromophenol	85		36 - 120
Terphenyl-d14	88		10 - 120

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
Hexachlorobenzene	4.0	U	0.33	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Client Sample ID: FB-2

Lab Sample ID: 220-16030-9FB Date Sampled: 07/14/2011 1300
Client Matrix: Water Date Received: 07/16/2011 1050

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-53343	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-53137	Lab File ID:	Z21862.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1633			Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U *	0.54	4.0
Di-n-octyl phthalate	4.0	U *	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	29		13 - 120
Phenol-d5	19		10 - 120
Nitrobenzene-d5	67		40 - 120
2-Fluorobiphenyl	71		39 - 120
2,4,6-Tribromophenol	90		36 - 120
Terphenyl-d14	95		10 - 120

General Chemistry

Client Sample ID: SB142B_2-3

Lab Sample ID: 220-16030-1 Date Sampled: 07/13/2011 0945
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	88.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB142B_3-4**

Lab Sample ID: 220-16030-2 Date Sampled: 07/13/2011 1000
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	87.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB142B_22-22.5**

Lab Sample ID: 220-16030-3 Date Sampled: 07/14/2011 1220
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	71.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-143 3-4**

Lab Sample ID: 220-16030-4 Date Sampled: 07/14/2011 1530
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	80.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-143 32-33**

Lab Sample ID: 220-16030-5 Date Sampled: 07/14/2011 2230
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	83.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-143 39-40**

Lab Sample ID: 220-16030-6 Date Sampled: 07/14/2011 2330
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	81.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP071411**

Lab Sample ID: 220-16030-7 Date Sampled: 07/14/2011 0000
Client Matrix: Solid Date Received: 07/16/2011 1050

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N
Percent Solids	83.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-52964	Analysis Date: 07/18/2011 1230						DryWt Corrected: N

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-16030-1	SB142B_2-3	82	85	92	113
220-16030-2	SB142B_3-4	85	84	89	100
220-16030-3	SB142B_22-22.5	86	87	92	100
220-16030-4	SB-143 3-4	84	84	92	95
220-16030-5	SB-143 32-33	85	83	91	101
220-16030-6	SB-143 39-40	85	93	82	89
220-16030-7	DUP071411	84	92	79	89
MB 220-53087/3		83	87	93	101
MB 220-53146/3		79	88	80	93
LCS 220-53087/2		91	92	99	106
LCS 220-53146/2		84	89	78	84
220-16030-6 MS	SB-143 39-40 MS	77	86	71	73
220-16030-6 MSD	SB-143 39-40 MSD	82	87	75	76

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	59-123
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
TOL = Toluene-d8 (Surr)	50-118
BFB = 4-Bromofluorobenzene	34-124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-16030-8	FB-1	101	101	85	77
220-16030-9	FB-2	102	100	78	78
220-16030-10	Trip Blank	101	107	78	78
MB 220-53093/3		106	115	82	85
LCS 220-53093/2		98	104	83	77

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
220-16030-1	SB142B_2-3	65	65	64	65	80	78
220-16030-2	SB142B_3-4	65	68	64	64	77	64
220-16030-3	SB142B_22-22.5	62	63	62	59	70	58
220-16030-4	SB-143 3-4	70	71	69	65	76	67
220-16030-5	SB-143 32-33	68	69	69	64	71	63
220-16030-6	SB-143 39-40	66	67	65	61	68	62
220-16030-7	DUP071411	65	66	66	60	64	59
MB 220-53281/1-A		70	70	70	67	74	63
LCS 220-53281/2-A		61	63	62	62	72	62
220-16030-6 MS	SB-143 39-40 MS	65	65	64	61	73	62
220-16030-6 MSD	SB-143 39-40 MSD	67	69	67	64	73	62

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	34-120
PHL = Phenol-d5	36-120
NBZ = Nitrobenzene-d5	38-120
FBP = 2-Fluorobiphenyl	41-120
TBP = 2,4,6-Tribromophenol	37-120
TPH = Terphenyl-d14	32-125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

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
220-16030-8	FB-1	30	19	70	72	85	88
220-16030-9	FB-2	29	19	67	71	90	95
MB 220-53137/1-A		29	19	67	71	89	94
LCS 220-53137/2-A		37	24	82	89	118E	111

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	13-120
PHL = Phenol-d5	10-120
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TBP = 2,4,6-Tribromophenol	36-120
TPH = Terphenyl-d14	10-120

Method Blank - Batch: 220-53087

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-53087/3	Analysis Batch:	220-53087	Instrument ID:	MSN
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N3859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1208	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1208				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromomethane	5.0	U	2.1	5.0
Carbon disulfide	5.0	U	0.41	5.0
Acetone	2.43	J	2.2	20
Chloroethane	5.0	U	0.98	5.0
Chloroform	5.0	U	0.34	5.0
Chloromethane	5.0	U	0.78	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
1,1-Dichloroethane	5.0	U	0.30	5.0
Methyl Ethyl Ketone	10	U	1.6	10
Benzene	5.0	U	0.57	5.0
1,1-Dichloroethene	5.0	U	0.58	5.0
1,2-Dichloroethane	5.0	U	0.58	5.0
1,2-Dichloropropane	5.0	U	0.67	5.0
Bromodichloromethane	5.0	U	0.30	5.0
cis-1,3-Dichloropropene	5.0	U	0.56	5.0
trans-1,3-Dichloropropene	5.0	U	0.27	5.0
Methylene Chloride	4.65	J	1.1	20
methyl isobutyl ketone	5.0	U	0.55	5.0
Dibromochloromethane	5.0	U	0.35	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.2	10
Toluene	5.0	U	0.074	5.0
Chlorobenzene	5.0	U	0.59	5.0
1,1,1-Trichloroethane	5.0	U	0.53	5.0
1,1,2-Trichloroethane	5.0	U	0.37	5.0
Ethylbenzene	5.0	U	0.70	5.0
Styrene	5.0	U	0.15	5.0
Trichloroethene	5.0	U	0.81	5.0
Vinyl chloride	5.0	U	0.23	5.0
Bromoform	5.0	U	0.61	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.52	5.0
Xylenes, Total	5.0	U	0.49	5.0
cis-1,2-Dichloroethene	5.0	U	0.37	5.0
trans-1,2-Dichloroethene	5.0	U	0.39	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	83	59 - 123
1,2-Dichloroethane-d4 (Surr)	87	59 - 132
Toluene-d8 (Surr)	93	50 - 118
4-Bromofluorobenzene	101	34 - 124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53087

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-53087/2	Analysis Batch:	220-53087	Instrument ID:	MSN
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N3858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/19/2011 1119	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/19/2011 1119				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	20.0	30.1	151	83 - 150	*
Carbon disulfide	20.0	18.4	92	80 - 142	
Acetone	20.0	24.6	123	80 - 150	
Chloroethane	20.0	22.0	110	54 - 150	
Chloroform	20.0	19.1	96	74 - 142	
Chloromethane	20.0	18.3	91	69 - 143	
Carbon tetrachloride	20.0	18.7	94	80 - 137	
1,1-Dichloroethane	20.0	19.6	98	78 - 130	
Methyl Ethyl Ketone	20.0	21.3	106	80 - 150	
Benzene	20.0	18.6	93	80 - 133	
1,1-Dichloroethene	20.0	19.1	96	80 - 144	
1,2-Dichloroethane	20.0	19.5	98	76 - 130	
1,2-Dichloropropane	20.0	18.8	94	78 - 127	
Bromodichloromethane	20.0	18.7	94	74 - 126	
cis-1,3-Dichloropropene	20.0	18.1	90	67 - 125	
trans-1,3-Dichloropropene	20.0	18.2	91	61 - 126	
Methylene Chloride	20.0	20.1	100	68 - 147	
methyl isobutyl ketone	20.0	20.7	104	74 - 136	
Dibromochloromethane	20.0	18.6	93	71 - 120	
Tetrachloroethene	20.0	18.8	94	67 - 120	
2-Hexanone	20.0	20.5	102	76 - 150	
Toluene	20.0	19.1	95	65 - 121	
Chlorobenzene	20.0	19.0	95	73 - 120	
1,1,1-Trichloroethane	20.0	19.2	96	80 - 136	
1,1,2-Trichloroethane	20.0	19.7	98	59 - 146	
Ethylbenzene	20.0	19.1	96	72 - 120	
Styrene	20.0	18.3	92	59 - 120	
Trichloroethene	20.0	17.6	88	71 - 129	
Vinyl chloride	20.0	19.4	97	70 - 137	
Bromoform	20.0	19.2	96	65 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.3	96	76 - 120	
Xylenes, Total	60.0	56.9	95	71 - 120	
cis-1,2-Dichloroethene	20.0	19.5	97	80 - 122	
trans-1,2-Dichloroethene	20.0	19.9	100	50 - 149	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	91	59 - 123
1,2-Dichloroethane-d4 (Surr)	92	59 - 132
Toluene-d8 (Surr)	99	50 - 118
4-Bromofluorobenzene	106	34 - 124

Method Blank - Batch: 220-53093

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-53093/3	Analysis Batch:	220-53093	Instrument ID:	MSV
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	V2403.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 1142	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1142				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromomethane	5.0	U	2.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Acetone	10	U	1.0	10
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Benzene	5.0	U	0.74	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
Bromodichloromethane	5.0	U	0.48	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Methylene Chloride	2.54	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Dibromochloromethane	5.0	U	0.55	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.1	10
Toluene	5.0	U	0.72	5.0
Chlorobenzene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.64	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Bromoform	5.0	U	0.46	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	106	68 - 132
1,2-Dichloroethane-d4 (Surr)	115	65 - 136
Toluene-d8 (Surr)	82	63 - 127
4-Bromofluorobenzene	85	51 - 142

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53093

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-53093/2	Analysis Batch:	220-53093	Instrument ID:	MSV
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	V2401.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/20/2011 1047	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1047				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	10.0	8.74	87	47 - 150	
Carbon disulfide	10.0	9.50	95	55 - 150	
Acetone	10.0	8.23	82	41 - 150	J
Chloroethane	10.0	11.1	111	49 - 150	
Chloroform	10.0	11.0	110	77 - 126	
Chloromethane	10.0	9.51	95	33 - 150	
Carbon tetrachloride	10.0	12.8	128	69 - 135	
1,1-Dichloroethane	10.0	9.86	99	75 - 130	
Methyl Ethyl Ketone	10.0	7.10	71	42 - 150	J
Benzene	10.0	9.67	97	66 - 131	
1,1-Dichloroethene	10.0	10.7	107	65 - 142	
1,2-Dichloroethane	10.0	12.1	121	73 - 127	
1,2-Dichloropropane	10.0	8.88	89	69 - 129	
Bromodichloromethane	10.0	11.5	115	78 - 120	
cis-1,3-Dichloropropene	10.0	9.59	96	63 - 120	
trans-1,3-Dichloropropene	10.0	10.0	100	73 - 120	
Methylene Chloride	10.0	9.10	91	56 - 138	
methyl isobutyl ketone	10.0	7.34	73	70 - 122	J
Dibromochloromethane	10.0	9.76	98	75 - 120	
Tetrachloroethene	10.0	10.9	109	50 - 120	
2-Hexanone	10.0	7.74	77	46 - 150	J
Toluene	10.0	9.58	96	66 - 120	
Chlorobenzene	10.0	10.0	100	68 - 120	
1,1,1-Trichloroethane	10.0	12.8	128	73 - 135	
1,1,2-Trichloroethane	10.0	9.85	98	76 - 125	
Ethylbenzene	10.0	10.3	103	62 - 120	
Styrene	10.0	9.97	100	47 - 120	
Trichloroethene	10.0	9.77	98	60 - 122	
Vinyl chloride	10.0	10.2	102	61 - 150	
Bromoform	10.0	10.3	103	66 - 120	
1,1,2,2-Tetrachloroethane	10.0	7.71	77	75 - 124	
Xylenes, Total	30.0	30.4	101	58 - 120	
cis-1,2-Dichloroethene	10.0	9.00	90	65 - 120	
trans-1,2-Dichloroethene	10.0	9.63	96	58 - 120	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	98	68 - 132
1,2-Dichloroethane-d4 (Surr)	104	65 - 136
Toluene-d8 (Surr)	83	63 - 127
4-Bromofluorobenzene	77	51 - 142

Method Blank - Batch: 220-53146

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-53146/3	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4952.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1146	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1146				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Bromomethane	5.0	U	2.1	5.0
Carbon disulfide	5.0	U	0.41	5.0
Acetone	20	U	2.2	20
Chloroethane	5.0	U	0.98	5.0
Chloroform	5.0	U	0.34	5.0
Chloromethane	5.0	U	0.78	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
1,1-Dichloroethane	5.0	U	0.30	5.0
Methyl Ethyl Ketone	10	U	1.6	10
Benzene	5.0	U	0.57	5.0
1,1-Dichloroethene	5.0	U	0.58	5.0
1,2-Dichloroethane	5.0	U	0.58	5.0
1,2-Dichloropropane	5.0	U	0.67	5.0
Bromodichloromethane	5.0	U	0.30	5.0
cis-1,3-Dichloropropene	5.0	U	0.56	5.0
trans-1,3-Dichloropropene	5.0	U	0.27	5.0
Methylene Chloride	4.60	J	1.1	20
methyl isobutyl ketone	5.0	U	0.55	5.0
Dibromochloromethane	5.0	U	0.35	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.2	10
Toluene	0.252	J	0.074	5.0
Chlorobenzene	5.0	U	0.59	5.0
1,1,1-Trichloroethane	5.0	U	0.53	5.0
1,1,2-Trichloroethane	5.0	U	0.37	5.0
Ethylbenzene	5.0	U	0.70	5.0
Styrene	5.0	U	0.15	5.0
Trichloroethene	5.0	U	0.81	5.0
Vinyl chloride	5.0	U	0.23	5.0
Bromoform	5.0	U	0.61	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.52	5.0
Xylenes, Total	5.0	U	0.49	5.0
cis-1,2-Dichloroethene	5.0	U	0.37	5.0
trans-1,2-Dichloroethene	5.0	U	0.39	5.0

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	79	59 - 123
1,2-Dichloroethane-d4 (Surr)	88	59 - 132
Toluene-d8 (Surr)	80	50 - 118
4-Bromofluorobenzene	93	34 - 124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53146

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-53146/2	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4951.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1104	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1104				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	20.0	26.3	131	83 - 150	
Carbon disulfide	20.0	16.2	81	80 - 142	
Acetone	20.0	19.6	98	80 - 150	J
Chloroethane	20.0	24.1	121	54 - 150	
Chloroform	20.0	17.6	88	74 - 142	
Chloromethane	20.0	18.1	91	69 - 143	
Carbon tetrachloride	20.0	17.0	85	80 - 137	
1,1-Dichloroethane	20.0	19.7	98	78 - 130	
Methyl Ethyl Ketone	20.0	18.4	92	80 - 150	
Benzene	20.0	17.9	90	80 - 133	
1,1-Dichloroethene	20.0	17.6	88	80 - 144	
1,2-Dichloroethane	20.0	19.2	96	76 - 130	
1,2-Dichloropropane	20.0	19.1	95	78 - 127	
Bromodichloromethane	20.0	16.7	83	74 - 126	
cis-1,3-Dichloropropene	20.0	17.5	88	67 - 125	
trans-1,3-Dichloropropene	20.0	18.1	90	61 - 126	
Methylene Chloride	20.0	20.3	101	68 - 147	
methyl isobutyl ketone	20.0	17.9	90	74 - 136	
Dibromochloromethane	20.0	15.2	76	71 - 120	
Tetrachloroethene	20.0	16.2	81	67 - 120	
2-Hexanone	20.0	18.7	93	76 - 150	
Toluene	20.0	17.5	87	65 - 121	
Chlorobenzene	20.0	16.5	82	73 - 120	
1,1,1-Trichloroethane	20.0	17.6	88	80 - 136	
1,1,2-Trichloroethane	20.0	17.5	87	59 - 146	
Ethylbenzene	20.0	16.4	82	72 - 120	
Styrene	20.0	15.3	76	59 - 120	
Trichloroethene	20.0	17.0	85	71 - 129	
Vinyl chloride	20.0	18.3	92	70 - 137	
Bromoform	20.0	13.9	69	65 - 120	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	76 - 120	
Xylenes, Total	60.0	49.1	82	71 - 120	
cis-1,2-Dichloroethene	20.0	17.5	88	80 - 122	
trans-1,2-Dichloroethene	20.0	17.4	87	50 - 149	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	84	59 - 123
1,2-Dichloroethane-d4 (Surr)	89	59 - 132
Toluene-d8 (Surr)	78	50 - 118
4-Bromofluorobenzene	84	34 - 124

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53146

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1505			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1505				
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4959.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1531			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1531				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	94	100	80 - 150	6	20		
Benzene	94	96	80 - 133	2	20		
Bromodichloromethane	90	88	74 - 126	3	20		
Bromoform	76	78	65 - 120	4	20		
Bromomethane	105	104	83 - 150	1	20		
Methyl Ethyl Ketone	99	96	80 - 150	3	20		
Carbon disulfide	83	84	80 - 142	2	20		
Carbon tetrachloride	80	93	80 - 137	15	20		
Chlorobenzene	83	85	73 - 120	2	20		
Chloroethane	125	131	54 - 150	5	20		
Chloroform	94	97	74 - 142	3	20		
Chloromethane	99	100	69 - 143	0	20		
Dibromochloromethane	79	79	71 - 120	1	20		
1,1-Dichloroethane	104	103	78 - 130	1	20		
1,2-Dichloroethane	107	102	76 - 130	4	20		
1,1-Dichloroethene	88	93	80 - 144	5	20		
1,2-Dichloropropane	102	102	78 - 127	0	20		
cis-1,3-Dichloropropene	96	93	67 - 125	2	20		
trans-1,3-Dichloropropene	95	95	61 - 126	0	20		
Ethylbenzene	85	84	72 - 120	1	20		
2-Hexanone	93	96	76 - 150	4	20		
Methylene Chloride	84	83	68 - 147	1	20		
methyl isobutyl ketone	94	97	74 - 136	3	20		
Styrene	80	82	59 - 120	2	20		
1,1,2,2-Tetrachloroethane	86	89	76 - 120	4	20		
Tetrachloroethene	83	85	67 - 120	3	20		
Toluene	85	87	65 - 121	2	20		
1,1,1-Trichloroethane	93	95	80 - 136	1	20		
1,1,2-Trichloroethane	94	92	59 - 146	2	20		
Trichloroethene	92	93	71 - 129	1	20		
Vinyl chloride	98	101	70 - 137	3	20		
Xylenes, Total	85	85	71 - 120	0	20		
cis-1,2-Dichloroethene	90	95	80 - 122	5	20		

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53146

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1505			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1505				
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53146	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O4959.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/20/2011 1531			Final Weight/Volume:	5 mL
Prep Date:	07/20/2011 1531				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
trans-1,2-Dichloroethene	90	93	50 - 149	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	87	59 - 132
4-Bromofluorobenzene	73	76	34 - 124
Dibromofluoromethane	77	82	59 - 123
Toluene-d8 (Surr)	71	75	50 - 118

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53146

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	220-16030-6	Units: ug/Kg	MSD Lab Sample ID:	220-16030-6	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	07/20/2011 1505		Analysis Date:	07/20/2011 1531	
Prep Date:	07/20/2011 1505		Prep Date:	07/20/2011 1531	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acetone	4.5	J	61.6	61.6	62.4	65.9
Benzene	6.2	U	61.6	61.6	57.9	58.9
Bromodichloromethane	6.2	U	61.6	61.6	55.5	53.9
Bromoform	6.2	U	61.6	61.6	46.6	48.2
Bromomethane	6.2	U	61.6	61.6	64.8	64.1
Methyl Ethyl Ketone	12	U	61.6	61.6	61.1	59.2
Carbon disulfide	6.2	U	61.6	61.6	51.2	52.0
Carbon tetrachloride	6.2	U	61.6	61.6	49.1	57.0
Chlorobenzene	6.2	U	61.6	61.6	51.3	52.3
Chloroethane	6.2	U	61.6	61.6	76.9	80.6
Chloroform	6.2	U	61.6	61.6	58.1	59.6
Chloromethane	6.2	U	61.6	61.6	61.2	61.3
Dibromochloromethane	6.2	U	61.6	61.6	48.3	48.9
1,1-Dichloroethane	6.2	U	61.6	61.6	64.2	63.3
1,2-Dichloroethane	6.2	U	61.6	61.6	65.7	63.0
1,1-Dichloroethene	6.2	U	61.6	61.6	54.1	57.0
1,2-Dichloropropane	6.2	U	61.6	61.6	62.7	62.8
cis-1,3-Dichloropropene	6.2	U	61.6	61.6	58.8	57.4
trans-1,3-Dichloropropene	6.2	U	61.6	61.6	58.4	58.2
Ethylbenzene	6.2	U	61.6	61.6	52.3	51.8
2-Hexanone	12	U	61.6	61.6	57.1	59.3
Methylene Chloride	6.3	J	61.6	61.6	57.8	57.3
methyl isobutyl ketone	6.2	U	61.6	61.6	57.9	59.6
Styrene	6.2	U	61.6	61.6	49.3	50.3
1,1,2,2-Tetrachloroethane	6.2	U	61.6	61.6	53.0	55.1
Tetrachloroethene	6.2	U	61.6	61.6	50.9	52.3
Toluene	6.2	U	61.6	61.6	52.6	53.7
1,1,1-Trichloroethane	6.2	U	61.6	61.6	57.6	58.3
1,1,2-Trichloroethane	6.2	U	61.6	61.6	57.9	56.6
Trichloroethene	6.2	U	61.6	61.6	56.3	57.0
Vinyl chloride	6.2	U	61.6	61.6	60.3	62.1
Xylenes, Total	6.2	U	185	185	158	158
cis-1,2-Dichloroethene	6.2	U	61.6	61.6	55.3	58.2
trans-1,2-Dichloroethene	6.2	U	61.6	61.6	55.3	57.0

Method Blank - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 220-53137/1-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1440	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	4.0	U	0.19	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
2-Chlorophenol	4.0	U	0.23	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
Benzyl alcohol	4.0	U	0.41	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0
2-Methylphenol	4.0	U	0.24	4.0
Hexachloroethane	4.0	U	0.37	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
4-Methylphenol	4.0	U	0.29	4.0
Nitrobenzene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Nitrophenol	4.0	U	0.27	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
Naphthalene	4.0	U	0.30	4.0
4-Chloroaniline	4.0	U	0.29	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2-Chloronaphthalene	4.0	U	0.39	4.0
2-Nitroaniline	4.0	U	0.34	4.0
Acenaphthylene	4.0	U	0.34	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Acenaphthene	4.0	U	0.31	4.0
3-Nitroaniline	4.0	U	0.23	4.0
2,4-Dinitrophenol	25	U	0.43	25
Dibenzofuran	4.0	U	0.43	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
4-Nitrophenol	10	U	1.5	10
Fluorene	4.0	U	0.26	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Diethyl phthalate	4.0	U	0.43	4.0
4-Nitroaniline	4.0	U	0.20	4.0
4,6-Dinitro-2-methylphenol	25	U	1.9	25
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method Blank - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 220-53137/1-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1440	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	4.0	U	0.33	4.0
Pentachlorophenol	25	U	0.31	25
Phenanthrene	4.0	U	0.28	4.0
Carbazole	4.0	U	0.33	4.0
Anthracene	4.0	U	0.29	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Fluoranthene	4.0	U	0.31	4.0
Pyrene	4.0	U	0.33	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	29	13 - 120
Phenol-d5	19	10 - 120
Nitrobenzene-d5	67	40 - 120
2-Fluorobiphenyl	71	39 - 120
2,4,6-Tribromophenol	89	36 - 120
Terphenyl-d14	94	10 - 120

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 220-53137/2-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1508	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	40.0	10.1	25	10 - 120	
Bis(2-chloroethyl)ether	40.0	30.5	76	46 - 120	
2-Chlorophenol	40.0	28.4	71	18 - 120	
1,3-Dichlorobenzene	40.0	27.4	69	33 - 120	
1,4-Dichlorobenzene	40.0	27.5	69	34 - 120	
Benzyl alcohol	40.0	26.3	66	31 - 120	
1,2-Dichlorobenzene	40.0	28.0	70	35 - 120	
2,2'-oxybis[1-chloropropane]	40.0	31.7	79	45 - 120	
2-Methylphenol	40.0	25.2	63	25 - 120	
Hexachloroethane	40.0	27.3	68	29 - 120	
N-Nitrosodi-n-propylamine	40.0	34.7	87	49 - 120	
4-Methylphenol	80.0	44.2	55	21 - 120	
Nitrobenzene	40.0	32.8	82	46 - 120	
Isophorone	40.0	36.2	90	47 - 120	
2-Nitrophenol	40.0	34.5	86	36 - 120	
2,4-Dimethylphenol	40.0	32.8	82	26 - 120	
Bis(2-chloroethoxy)methane	40.0	34.7	87	48 - 120	
2,4-Dichlorophenol	40.0	34.2	85	18 - 120	
1,2,4-Trichlorobenzene	40.0	30.1	75	37 - 120	
Naphthalene	40.0	32.1	80	42 - 120	
4-Chloroaniline	40.0	35.2	88	33 - 120	
Hexachlorobutadiene	40.0	29.4	74	30 - 120	
4-Chloro-3-methylphenol	40.0	37.6	94	32 - 120	
2-Methylnaphthalene	40.0	34.3	86	44 - 120	
Hexachlorocyclopentadiene	40.0	26.4	66	15 - 120	
2,4,6-Trichlorophenol	40.0	40.4	101	18 - 125	
2,4,5-Trichlorophenol	40.0	41.6	104	23 - 123	
2-Chloronaphthalene	40.0	36.1	90	46 - 120	
2-Nitroaniline	40.0	42.2	106	57 - 120	
Acenaphthylene	40.0	38.2	95	52 - 120	
Dimethyl phthalate	40.0	43.1	108	49 - 120	
2,6-Dinitrotoluene	40.0	44.9	112	63 - 120	
Acenaphthene	40.0	39.5	99	52 - 120	
3-Nitroaniline	40.0	42.2	106	54 - 120	
2,4-Dinitrophenol	40.0	38.1	95	17 - 128	
Dibenzofuran	40.0	40.4	101	56 - 120	
2,4-Dinitrotoluene	40.0	44.7	112	46 - 124	
4-Nitrophenol	40.0	14.0	35	12 - 120	
Fluorene	40.0	42.8	107	61 - 120	
4-Chlorophenyl phenyl ether	40.0	42.0	105	58 - 120	
Diethyl phthalate	40.0	45.3	113	57 - 120	
4-Nitroaniline	40.0	44.8	112	54 - 120	
4,6-Dinitro-2-methylphenol	40.0	42.9	107	50 - 120	
N-Nitrosodiphenylamine	40.0	43.8	110	62 - 120	
4-Bromophenyl phenyl ether	40.0	44.6	111	60 - 120	
Hexachlorobenzene	40.0	43.7	109	59 - 120	

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53137

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 220-53137/2-A	Analysis Batch:	220-53343	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-53137	Lab File ID:	Z21859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	07/27/2011 1508	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	07/21/2011 1428			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	40.0	43.2	108	50 - 120	
Phenanthrene	40.0	44.4	111	63 - 120	
Carbazole	40.0	45.4	114	62 - 120	
Anthracene	40.0	44.7	112	60 - 120	
Di-n-butyl phthalate	40.0	46.8	117	61 - 120	
Fluoranthene	40.0	46.3	116	56 - 120	
Pyrene	40.0	44.1	110	62 - 120	
Butyl benzyl phthalate	40.0	48.2	121	53 - 122	
3,3'-Dichlorobenzidine	40.0	36.9	92	39 - 120	
Benzo[a]anthracene	40.0	45.1	113	60 - 120	
Chrysene	40.0	45.1	113	59 - 120	
Bis(2-ethylhexyl) phthalate	40.0	51.8	130	57 - 120	*
Di-n-octyl phthalate	40.0	51.5	129	57 - 120	*
Benzo[b]fluoranthene	40.0	45.5	114	59 - 120	
Benzo[k]fluoranthene	40.0	47.5	119	58 - 120	
Benzo[a]pyrene	40.0	44.3	111	51 - 120	
Indeno[1,2,3-cd]pyrene	40.0	41.1	103	48 - 120	
Dibenz(a,h)anthracene	40.0	44.7	112	47 - 120	
Benzo[g,h,i]perylene	40.0	39.9	100	48 - 120	

Surrogate	% Rec		Acceptance Limits
2-Fluorophenol	37		13 - 120
Phenol-d5	24		10 - 120
Nitrobenzene-d5	82		40 - 120
2-Fluorobiphenyl	89		39 - 120
2,4,6-Tribromophenol	118	E	36 - 120
Terphenyl-d14	111		10 - 120

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method Blank - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 220-53281/1-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24497.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0801	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	270	U	18	270
Bis(2-chloroethyl)ether	270	U	14	270
2-Chlorophenol	270	U	16	270
1,3-Dichlorobenzene	270	U	14	270
1,4-Dichlorobenzene	270	U	16	270
Benzyl alcohol	270	U	26	270
1,2-Dichlorobenzene	270	U	16	270
2,2'-oxybis[1-chloropropane]	270	U	14	270
2-Methylphenol	270	U	16	270
Hexachloroethane	270	U	15	270
N-Nitrosodi-n-propylamine	270	U	18	270
4-Methylphenol	270	U	18	270
Nitrobenzene	270	U	17	270
Isophorone	270	U	15	270
2-Nitrophenol	270	U	17	270
2,4-Dimethylphenol	270	U	13	270
Bis(2-chloroethoxy)methane	270	U	13	270
2,4-Dichlorophenol	270	U	14	270
1,2,4-Trichlorobenzene	270	U	18	270
Naphthalene	270	U	14	270
4-Chloroaniline	270	U	44	270
Hexachlorobutadiene	270	U	21	270
4-Chloro-3-methylphenol	270	U	11	270
2-Methylnaphthalene	270	U	7.7	270
Hexachlorocyclopentadiene	670	U	130	670
2,4,6-Trichlorophenol	270	U	7.4	270
2,4,5-Trichlorophenol	1700	U	14	1700
2-Chloronaphthalene	270	U	12	270
2-Nitroaniline	670	U	16	670
Acenaphthylene	270	U	13	270
Dimethyl phthalate	270	U	16	270
2,6-Dinitrotoluene	270	U	7.9	270
Acenaphthene	270	U	16	270
3-Nitroaniline	670	U	8.6	670
2,4-Dinitrophenol	1700	U	81	1700
Dibenzofuran	270	U	19	270
2,4-Dinitrotoluene	270	U	22	270
4-Nitrophenol	1700	U	20	1700
Fluorene	270	U	16	270
4-Chlorophenyl phenyl ether	270	U	20	270
Diethyl phthalate	270	U	27	270
4-Nitroaniline	270	U	21	270
4,6-Dinitro-2-methylphenol	1700	U	120	1700
N-Nitrosodiphenylamine	270	U	15	270
4-Bromophenyl phenyl ether	270	U	17	270

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Method Blank - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 220-53281/1-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24497.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0801	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	270	U	19	270
Pentachlorophenol	670	U	160	670
Phenanthrene	270	U	13	270
Carbazole	270	U	15	270
Anthracene	270	U	11	270
Di-n-butyl phthalate	270	U	39	270
Fluoranthene	270	U	13	270
Pyrene	270	U	13	270
Butyl benzyl phthalate	270	U	15	270
3,3'-Dichlorobenzidine	330	U	56	330
Benzo[a]anthracene	270	U	9.6	270
Chrysene	270	U	20	270
Bis(2-ethylhexyl) phthalate	211	J	26	270
Di-n-octyl phthalate	270	U	15	270
Benzo[b]fluoranthene	270	U	7.2	270
Benzo[k]fluoranthene	270	U	24	270
Benzo[a]pyrene	270	U	7.3	270
Indeno[1,2,3-cd]pyrene	270	U	18	270
Dibenz(a,h)anthracene	270	U	21	270
Benzo[g,h,i]perylene	270	U	18	270

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	70	34 - 120
Phenol-d5	70	36 - 120
Nitrobenzene-d5	70	38 - 120
2-Fluorobiphenyl	67	41 - 120
2,4,6-Tribromophenol	74	37 - 120
Terphenyl-d14	63	32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 220-53281/2-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24498.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0832	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	2670	1650	62	51 - 120	
Bis(2-chloroethyl)ether	2670	1640	61	52 - 120	
2-Chlorophenol	2670	1650	62	54 - 120	
1,3-Dichlorobenzene	2670	1540	58	51 - 120	
1,4-Dichlorobenzene	2670	1540	58	51 - 120	
Benzyl alcohol	2670	1850	69	54 - 120	
1,2-Dichlorobenzene	2670	1550	58	52 - 120	
2,2'-oxybis[1-chloropropane]	2670	1700	64	51 - 120	
2-Methylphenol	2670	1730	65	53 - 120	
Hexachloroethane	2670	1560	59	52 - 120	
N-Nitrosodi-n-propylamine	2670	1740	65	54 - 120	
4-Methylphenol	5330	3490	65	54 - 120	
Nitrobenzene	2670	1630	61	54 - 120	
Isophorone	2670	1710	64	55 - 120	
2-Nitrophenol	2670	1700	64	56 - 120	
2,4-Dimethylphenol	2670	1710	64	49 - 120	
Bis(2-chloroethoxy)methane	2670	1650	62	56 - 120	
2,4-Dichlorophenol	2670	1710	64	54 - 120	
1,2,4-Trichlorobenzene	2670	1570	59	53 - 120	
Naphthalene	2670	1680	63	55 - 120	
4-Chloroaniline	2670	1230	46	15 - 120	
Hexachlorobutadiene	2670	1570	59	54 - 120	
4-Chloro-3-methylphenol	2670	1860	70	56 - 120	
2-Methylnaphthalene	2670	1680	63	56 - 120	
Hexachlorocyclopentadiene	2670	1510	57	50 - 120	
2,4,6-Trichlorophenol	2670	1810	68	56 - 120	
2,4,5-Trichlorophenol	2670	1840	69	56 - 120	
2-Chloronaphthalene	2670	1660	62	56 - 120	
2-Nitroaniline	2670	1900	71	57 - 120	
Acenaphthylene	2670	1780	67	57 - 120	
Dimethyl phthalate	2670	1820	68	56 - 120	
2,6-Dinitrotoluene	2670	1910	72	59 - 120	
Acenaphthene	2670	1720	64	57 - 120	
3-Nitroaniline	2670	1500	56	38 - 120	
2,4-Dinitrophenol	2670	2570	96	33 - 120	
Dibenzofuran	2670	1770	66	57 - 120	
2,4-Dinitrotoluene	2670	1940	73	57 - 120	
4-Nitrophenol	2670	2190	82	55 - 120	
Fluorene	2670	1790	67	58 - 120	
4-Chlorophenyl phenyl ether	2670	1760	66	56 - 120	
Diethyl phthalate	2670	1920	72	57 - 120	
4-Nitroaniline	2670	1950	73	53 - 120	
4,6-Dinitro-2-methylphenol	2670	2220	83	48 - 120	
N-Nitrosodiphenylamine	2670	1810	68	59 - 120	
4-Bromophenyl phenyl ether	2670	1780	67	57 - 120	
Hexachlorobenzene	2670	1760	66	56 - 120	

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Control Sample - Batch: 220-53281

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 220-53281/2-A	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24498.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	07/27/2011 0832	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	2670	2130	80	52 - 120	
Phenanthrene	2670	1830	69	58 - 120	
Carbazole	2670	1900	71	58 - 120	
Anthracene	2670	1870	70	58 - 120	
Di-n-butyl phthalate	2670	1930	72	58 - 120	
Fluoranthene	2670	1880	71	57 - 120	
Pyrene	2670	1690	63	54 - 121	
Butyl benzyl phthalate	2670	2050	77	54 - 120	
3,3'-Dichlorobenzidine	2670	1640	61	24 - 120	
Benzo[a]anthracene	2670	1870	70	58 - 120	
Chrysene	2670	1820	68	57 - 120	
Bis(2-ethylhexyl) phthalate	2670	2530	95	56 - 120	
Di-n-octyl phthalate	2670	2150	80	48 - 126	
Benzo[b]fluoranthene	2670	1670	63	54 - 120	
Benzo[k]fluoranthene	2670	1750	66	53 - 120	
Benzo[a]pyrene	2670	1810	68	44 - 120	
Indeno[1,2,3-cd]pyrene	2670	1810	68	37 - 120	
Dibenz(a,h)anthracene	2670	1840	69	39 - 120	
Benzo[g,h,i]perylene	2670	1540	58	37 - 120	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	61	34 - 120
Phenol-d5	63	36 - 120
Nitrobenzene-d5	62	38 - 120
2-Fluorobiphenyl	62	41 - 120
2,4,6-Tribromophenol	72	37 - 120
Terphenyl-d14	62	32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24508.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.50 g
Analysis Date:	07/27/2011 1338			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.42 g
Analysis Date:	07/27/2011 1408			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	64	68	51 - 120	7	35		
Bis(2-chloroethyl)ether	63	66	52 - 120	5	40		
2-Chlorophenol	64	69	54 - 120	7	50		
1,3-Dichlorobenzene	58	61	51 - 120	6	40		
1,4-Dichlorobenzene	59	62	51 - 120	5	27		
Benzyl alcohol	72	76	54 - 120	6	40		
1,2-Dichlorobenzene	60	62	52 - 120	4	40		
2,2'-oxybis[1-chloropropane]	64	67	51 - 120	5	40		
2-Methylphenol	66	70	53 - 120	5	40		
Hexachloroethane	60	63	52 - 120	6	40		
N-Nitrosodi-n-propylamine	67	70	54 - 120	5	38		
4-Methylphenol	66	69	54 - 120	6	40		
Nitrobenzene	63	66	54 - 120	6	40		
Isophorone	65	68	55 - 120	5	40		
2-Nitrophenol	66	69	56 - 120	5	40		
2,4-Dimethylphenol	65	67	49 - 120	4	40		
Bis(2-chloroethoxy)methane	64	67	56 - 120	5	40		
2,4-Dichlorophenol	65	68	54 - 120	5	40		
1,2,4-Trichlorobenzene	61	64	53 - 120	6	23		
Naphthalene	64	67	55 - 120	5	40		
4-Chloroaniline	46	46	15 - 120	1	40		
Hexachlorobutadiene	60	63	54 - 120	4	40		
4-Chloro-3-methylphenol	70	71	56 - 120	1	33		
2-Methylnaphthalene	64	67	56 - 120	5	40		
Hexachlorocyclopentadiene	51	52	50 - 120	3	40		
2,4,6-Trichlorophenol	67	68	56 - 120	1	40		
2,4,5-Trichlorophenol	71	71	56 - 120	1	40		
2-Chloronaphthalene	62	64	56 - 120	5	40		
2-Nitroaniline	72	71	57 - 120	0	40		
Acenaphthylene	66	67	57 - 120	1	19		
Dimethyl phthalate	68	68	56 - 120	1	40		
2,6-Dinitrotoluene	72	71	59 - 120	1	40		
Acenaphthene	64	66	57 - 120	3	40		

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24508.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.50 g
Analysis Date:	07/27/2011 1338			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	220-16030-6	Analysis Batch:	220-53339	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-53281	Lab File ID:	C24509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.42 g
Analysis Date:	07/27/2011 1408			Final Weight/Volume:	1 mL
Prep Date:	07/26/2011 1012			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3-Nitroaniline	57	56	38 - 120	1	40		
2,4-Dinitrophenol	89	84	33 - 120	6	40		
Dibenzofuran	66	67	57 - 120	1	40		
2,4-Dinitrotoluene	73	74	57 - 120	1	40		
4-Nitrophenol	83	82	55 - 120	0	40		
Fluorene	67	67	58 - 120	1	40		
4-Chlorophenyl phenyl ether	66	67	56 - 120	1	40		
Diethyl phthalate	72	72	57 - 120	0	40		
4-Nitroaniline	71	71	53 - 120	1	40		
4,6-Dinitro-2-methylphenol	80	78	48 - 120	3	40		
N-Nitrosodiphenylamine	68	67	59 - 120	2	40		
4-Bromophenyl phenyl ether	67	66	57 - 120	1	40		
Hexachlorobenzene	66	65	56 - 120	1	40		
Pentachlorophenol	80	78	52 - 120	3	47		
Phenanthrene	67	67	58 - 120	1	40		
Carbazole	71	71	58 - 120	1	40		
Anthracene	68	69	58 - 120	2	40		
Di-n-butyl phthalate	72	71	58 - 120	1	40		
Fluoranthene	72	71	57 - 120	0	40		
Pyrene	64	64	54 - 121	0	36		
Butyl benzyl phthalate	76	77	54 - 120	1	40		
3,3'-Dichlorobenzidine	60	62	24 - 120	3	40		
Benzo[a]anthracene	70	71	58 - 120	2	40		
Chrysene	66	67	57 - 120	1	40		
Bis(2-ethylhexyl) phthalate	93	94	56 - 120	2	40		
Di-n-octyl phthalate	88	90	48 - 126	3	40		
Benzo[b]fluoranthene	64	67	54 - 120	4	40		
Benzo[k]fluoranthene	65	67	53 - 120	2	40		
Benzo[a]pyrene	67	68	44 - 120	3	40		
Indeno[1,2,3-cd]pyrene	67	68	37 - 120	2	40		
Dibenz(a,h)anthracene	69	71	39 - 120	3	40		
Benzo[g,h,i]perylene	59	60	37 - 120	3	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	65	67	34 - 120
Phenol-d5	65	69	36 - 120
Nitrobenzene-d5	64	67	38 - 120
2-Fluorobiphenyl	61	64	41 - 120
2,4,6-Tribromophenol	73	73	37 - 120
Terphenyl-d14	62	62	32 - 125

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Units: ug/Kg		MSD Lab Sample ID:	220-16030-6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/27/2011 1338			Analysis Date:	07/27/2011 1408
Prep Date:	07/26/2011 1012			Prep Date:	07/26/2011 1012
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	330	U	3180	3190	2030	2180
Bis(2-chloroethyl)ether	330	U	3180	3190	2000	2110
2-Chlorophenol	330	U	3180	3190	2040	2190
1,3-Dichlorobenzene	330	U	3180	3190	1850	1960
1,4-Dichlorobenzene	330	U	3180	3190	1870	1970
Benzyl alcohol	330	U	3180	3190	2290	2440
1,2-Dichlorobenzene	330	U	3180	3190	1900	1990
2,2'-oxybis[1-chloropropane]	330	U	3180	3190	2040	2140
2-Methylphenol	330	U	3180	3190	2110	2220
Hexachloroethane	330	U	3180	3190	1890	2000
N-Nitrosodi-n-propylamine	330	U	3180	3190	2120	2230
4-Methylphenol	330	U	6360	6390	4180	4440
Nitrobenzene	330	U	3180	3190	2000	2110
Isophorone	330	U	3180	3190	2060	2160
2-Nitrophenol	330	U	3180	3190	2100	2220
2,4-Dimethylphenol	330	U	3180	3190	2050	2130
Bis(2-chloroethoxy)methane	330	U	3180	3190	2040	2140
2,4-Dichlorophenol	330	U	3180	3190	2070	2180
1,2,4-Trichlorobenzene	330	U	3180	3190	1940	2050
Naphthalene	330	U	3180	3190	2030	2140
4-Chloroaniline	330	U	3180	3190	1470	1460
Hexachlorobutadiene	330	U	3180	3190	1920	2010
4-Chloro-3-methylphenol	330	U	3180	3190	2230	2260
2-Methylnaphthalene	330	U	3180	3190	2020	2120
Hexachlorocyclopentadiene	810	U	3180	3190	1630	1670
2,4,6-Trichlorophenol	330	U	3180	3190	2140	2170
2,4,5-Trichlorophenol	2100	U	3180	3190	2250	2270
2-Chloronaphthalene	330	U	3180	3190	1970	2060
2-Nitroaniline	810	U	3180	3190	2270	2280
Acenaphthylene	330	U	3180	3190	2110	2130
Dimethyl phthalate	330	U	3180	3190	2170	2180
2,6-Dinitrotoluene	330	U	3180	3190	2280	2270
Acenaphthene	330	U	3180	3190	2040	2100
3-Nitroaniline	810	U	3180	3190	1820	1790
2,4-Dinitrophenol	2100	U	3180	3190	2840	2670
Dibenzofuran	330	U	3180	3190	2110	2130
2,4-Dinitrotoluene	330	U	3180	3190	2340	2350
4-Nitrophenol	2100	U	3180	3190	2640	2630
Fluorene	330	U	3180	3190	2120	2140
4-Chlorophenyl phenyl ether	330	U	3180	3190	2100	2130
Diethyl phthalate	330	U	3180	3190	2300	2300
4-Nitroaniline	330	U	3180	3190	2250	2270
4,6-Dinitro-2-methylphenol	2100	U	3180	3190	2550	2480

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-53281

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	220-16030-6	Units: ug/Kg		MSD Lab Sample ID:	220-16030-6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/27/2011 1338			Analysis Date:	07/27/2011 1408
Prep Date:	07/26/2011 1012			Prep Date:	07/26/2011 1012
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
N-Nitrosodiphenylamine	330	U	3180	3190	2160	2130
4-Bromophenyl phenyl ether	330	U	3180	3190	2130	2110
Hexachlorobenzene	330	U	3180	3190	2100	2070
Pentachlorophenol	810	U	3180	3190	2540	2480
Phenanthrene	330	U	3180	3190	2110	2130
Carbazole	330	U	3180	3190	2260	2280
Anthracene	330	U	3180	3190	2170	2210
Di-n-butyl phthalate	330	U	3180	3190	2290	2270
Fluoranthene	330	U	3180	3190	2280	2280
Pyrene	330	U	3180	3190	2040	2030
Butyl benzyl phthalate	330	U	3180	3190	2430	2460
3,3'-Dichlorobenzidine	400	U	3180	3190	1900	1970
Benzo[a]anthracene	330	U	3180	3190	2220	2270
Chrysene	330	U	3180	3190	2110	2130
Bis(2-ethylhexyl) phthalate	38	J	3180	3190	2980	3050
Di-n-octyl phthalate	330	U	3180	3190	2780	2880
Benzo[b]fluoranthene	330	U	3180	3190	2050	2140
Benzo[k]fluoranthene	330	U	3180	3190	2080	2130
Benzo[a]pyrene	330	U	3180	3190	2120	2170
Indeno[1,2,3-cd]pyrene	330	U	3180	3190	2130	2160
Dibenz(a,h)anthracene	330	U	3180	3190	2190	2260
Benzo[g,h,i]perylene	330	U	3180	3190	1870	1920

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS 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.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-53087					
LCS 220-53087/2	Lab Control Sample	T	Solid	8260B	
MB 220-53087/3	Method Blank	T	Solid	8260B	
220-16030-1	SB142B_2-3	T	Solid	8260B	
220-16030-2	SB142B_3-4	T	Solid	8260B	
220-16030-3	SB142B_22-22.5	T	Solid	8260B	
220-16030-4	SB-143 3-4	T	Solid	8260B	
220-16030-5	SB-143 32-33	T	Solid	8260B	
Analysis Batch:220-53093					
LCS 220-53093/2	Lab Control Sample	T	Water	8260B	
MB 220-53093/3	Method Blank	T	Water	8260B	
220-16030-8FB	FB-1	T	Water	8260B	
220-16030-9FB	FB-2	T	Water	8260B	
220-16030-10TB	Trip Blank	T	Water	8260B	
Analysis Batch:220-53146					
LCS 220-53146/2	Lab Control Sample	T	Solid	8260B	
MB 220-53146/3	Method Blank	T	Solid	8260B	
220-16030-6	SB-143 39-40	T	Solid	8260B	
220-16030-6MS	Matrix Spike	T	Solid	8260B	
220-16030-6MSD	Matrix Spike Duplicate	T	Solid	8260B	
220-16030-7	DUP071411	T	Solid	8260B	

Report Basis
T = Total

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 220-53137					
LCS 220-53137/2-A	Lab Control Sample	T	Water	3510C	
MB 220-53137/1-A	Method Blank	T	Water	3510C	
220-16030-8FB	FB-1	T	Water	3510C	
220-16030-9FB	FB-2	T	Water	3510C	
Prep Batch: 220-53281					
LCS 220-53281/2-A	Lab Control Sample	T	Solid	3541	
MB 220-53281/1-A	Method Blank	T	Solid	3541	
220-16030-1	SB142B_2-3	T	Solid	3541	
220-16030-2	SB142B_3-4	T	Solid	3541	
220-16030-3	SB142B_22-22.5	T	Solid	3541	
220-16030-4	SB-143 3-4	T	Solid	3541	
220-16030-5	SB-143 32-33	T	Solid	3541	
220-16030-6	SB-143 39-40	T	Solid	3541	
220-16030-6MS	Matrix Spike	T	Solid	3541	
220-16030-6MSD	Matrix Spike Duplicate	T	Solid	3541	
220-16030-7	DUP071411	T	Solid	3541	
Analysis Batch:220-53339					
LCS 220-53281/2-A	Lab Control Sample	T	Solid	8270C	220-53281
MB 220-53281/1-A	Method Blank	T	Solid	8270C	220-53281
220-16030-1	SB142B_2-3	T	Solid	8270C	220-53281
220-16030-2	SB142B_3-4	T	Solid	8270C	220-53281
220-16030-3	SB142B_22-22.5	T	Solid	8270C	220-53281
220-16030-4	SB-143 3-4	T	Solid	8270C	220-53281
220-16030-5	SB-143 32-33	T	Solid	8270C	220-53281
220-16030-6	SB-143 39-40	T	Solid	8270C	220-53281
220-16030-6MS	Matrix Spike	T	Solid	8270C	220-53281
220-16030-6MSD	Matrix Spike Duplicate	T	Solid	8270C	220-53281
220-16030-7	DUP071411	T	Solid	8270C	220-53281
Analysis Batch:220-53343					
LCS 220-53137/2-A	Lab Control Sample	T	Water	8270C	220-53137
MB 220-53137/1-A	Method Blank	T	Water	8270C	220-53137
220-16030-8FB	FB-1	T	Water	8270C	220-53137
220-16030-9FB	FB-2	T	Water	8270C	220-53137

Report Basis
T = Total

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-52964					
220-16030-1	SB142B_2-3	T	Solid	Moisture	
220-16030-2	SB142B_3-4	T	Solid	Moisture	
220-16030-3	SB142B_22-22.5	T	Solid	Moisture	
220-16030-4	SB-143 3-4	T	Solid	Moisture	
220-16030-5	SB-143 32-33	T	Solid	Moisture	
220-16030-6	SB-143 39-40	T	Solid	Moisture	
220-16030-7	DUP071411	T	Solid	Moisture	

Report Basis
T = Total

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Laboratory Chronicle

Lab ID: 220-16030-1 **Client ID: SB142B_2-3**

Sample Date/Time: 07/13/2011 09:45 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-1		220-53087		07/19/2011 18:40	1	TAL CT	DH
A:8260B	220-16030-A-1		220-53087		07/19/2011 18:40	1	TAL CT	DH
P:3541	220-16030-B-1-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-1-A		220-53339	220-53281	07/27/2011 15:09	1	TAL CT	SJ
A:Moisture	220-16030-B-1		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-2 **Client ID: SB142B_3-4**

Sample Date/Time: 07/13/2011 10:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-2		220-53087		07/19/2011 19:06	1	TAL CT	DH
A:8260B	220-16030-A-2		220-53087		07/19/2011 19:06	1	TAL CT	DH
P:3541	220-16030-B-2-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-2-A		220-53339	220-53281	07/27/2011 11:06	1	TAL CT	SJ
A:Moisture	220-16030-B-2		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-3 **Client ID: SB142B_22-22.5**

Sample Date/Time: 07/14/2011 12:20 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-3		220-53087		07/19/2011 19:32	1	TAL CT	DH
A:8260B	220-16030-A-3		220-53087		07/19/2011 19:32	1	TAL CT	DH
P:3541	220-16030-B-3-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-3-A		220-53339	220-53281	07/27/2011 11:36	1	TAL CT	SJ
A:Moisture	220-16030-B-3		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-4 **Client ID: SB-143 3-4**

Sample Date/Time: 07/14/2011 15:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-4		220-53087		07/19/2011 19:57	1	TAL CT	DH
A:8260B	220-16030-A-4		220-53087		07/19/2011 19:57	1	TAL CT	DH
P:3541	220-16030-B-4-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-4-A		220-53339	220-53281	07/27/2011 12:06	1	TAL CT	SJ
A:Moisture	220-16030-B-4		220-52964		07/18/2011 12:30	1	TAL CT	AB

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Laboratory Chronicle

Lab ID: 220-16030-5 **Client ID: SB-143 32-33**

Sample Date/Time: 07/14/2011 22:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-5		220-53087		07/19/2011 20:23	1	TAL CT	DH
A:8260B	220-16030-A-5		220-53087		07/19/2011 20:23	1	TAL CT	DH
P:3541	220-16030-B-5-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-5-A		220-53339	220-53281	07/27/2011 12:37	1	TAL CT	SJ
A:Moisture	220-16030-B-5		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-6 **Client ID: SB-143 39-40**

Sample Date/Time: 07/14/2011 23:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-6		220-53146		07/20/2011 13:06	1	TAL CT	DH
A:8260B	220-16030-A-6		220-53146		07/20/2011 13:06	1	TAL CT	DH
P:3541	220-16030-B-6-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-6-A		220-53339	220-53281	07/27/2011 13:07	1	TAL CT	SJ
A:Moisture	220-16030-B-6		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-6 **Client ID: SB-143 39-40**

Sample Date/Time: 07/14/2011 23:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-6 MS		220-53146		07/20/2011 15:05	1	TAL CT	DH
A:8260B	220-16030-A-6 MS		220-53146		07/20/2011 15:05	1	TAL CT	DH
P:3541	220-16030-B-6-B MS		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-6-B MS		220-53339	220-53281	07/27/2011 13:38	1	TAL CT	SJ

Lab ID: 220-16030-6 **Client ID: SB-143 39-40**

Sample Date/Time: 07/14/2011 23:30 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-6 MSD		220-53146		07/20/2011 15:31	1	TAL CT	DH
A:8260B	220-16030-A-6 MSD		220-53146		07/20/2011 15:31	1	TAL CT	DH
P:3541	220-16030-B-6-C MSD		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-6-C MSD		220-53339	220-53281	07/27/2011 14:08	1	TAL CT	SJ

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Laboratory Chronicle

Lab ID: 220-16030-7 **Client ID: DUP071411**

Sample Date/Time: 07/14/2011 00:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-7		220-53146		07/20/2011 13:57	1	TAL CT	DH
A:8260B	220-16030-A-7		220-53146		07/20/2011 13:57	1	TAL CT	DH
P:3541	220-16030-B-7-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	220-16030-B-7-A		220-53339	220-53281	07/27/2011 14:39	1	TAL CT	SJ
A:Moisture	220-16030-B-7		220-52964		07/18/2011 12:30	1	TAL CT	AB

Lab ID: 220-16030-8 **Client ID: FB-1**

Sample Date/Time: 07/14/2011 08:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-8		220-53093		07/20/2011 20:21	1	TAL CT	BK
A:8260B	220-16030-A-8		220-53093		07/20/2011 20:21	1	TAL CT	BK
P:3510C	220-16030-D-8-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	220-16030-D-8-A		220-53343	220-53137	07/27/2011 16:05	1	TAL CT	SJ

Lab ID: 220-16030-9 **Client ID: FB-2**

Sample Date/Time: 07/14/2011 13:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-9		220-53093		07/20/2011 20:49	1	TAL CT	BK
A:8260B	220-16030-A-9		220-53093		07/20/2011 20:49	1	TAL CT	BK
P:3510C	220-16030-D-9-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	220-16030-D-9-A		220-53343	220-53137	07/27/2011 16:33	1	TAL CT	SJ

Lab ID: 220-16030-10 **Client ID: Trip Blank**

Sample Date/Time: 07/14/2011 08:00 Received Date/Time: 07/16/2011 10:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-16030-A-10		220-53093		07/20/2011 21:17	1	TAL CT	BK
A:8260B	220-16030-A-10		220-53093		07/20/2011 21:17	1	TAL CT	BK

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

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 220-53087/3		220-53087		07/19/2011 12:08	1	TAL CT	DH
A:8260B	MB 220-53087/3		220-53087		07/19/2011 12:08	1	TAL CT	DH
P:5030B	MB 220-53093/3		220-53093		07/20/2011 11:42	1	TAL CT	BK
A:8260B	MB 220-53093/3		220-53093		07/20/2011 11:42	1	TAL CT	BK
P:5030B	MB 220-53146/3		220-53146		07/20/2011 11:46	1	TAL CT	DH
A:8260B	MB 220-53146/3		220-53146		07/20/2011 11:46	1	TAL CT	DH
P:3541	MB 220-53281/1-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	MB 220-53281/1-A		220-53339	220-53281	07/27/2011 08:01	1	TAL CT	SJ
P:3510C	MB 220-53137/1-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	MB 220-53137/1-A		220-53343	220-53137	07/27/2011 14:40	1	TAL CT	SJ

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 220-53087/2		220-53087		07/19/2011 11:19	1	TAL CT	DH
A:8260B	LCS 220-53087/2		220-53087		07/19/2011 11:19	1	TAL CT	DH
P:5030B	LCS 220-53093/2		220-53093		07/20/2011 10:47	1	TAL CT	BK
A:8260B	LCS 220-53093/2		220-53093		07/20/2011 10:47	1	TAL CT	BK
P:5030B	LCS 220-53146/2		220-53146		07/20/2011 11:04	1	TAL CT	DH
A:8260B	LCS 220-53146/2		220-53146		07/20/2011 11:04	1	TAL CT	DH
P:3541	LCS 220-53281/2-A		220-53339	220-53281	07/26/2011 10:12	1	TAL CT	JC
A:8270C	LCS 220-53281/2-A		220-53339	220-53281	07/27/2011 08:32	1	TAL CT	SJ
P:3510C	LCS 220-53137/2-A		220-53343	220-53137	07/21/2011 14:28	1	TAL CT	TF
A:8270C	LCS 220-53137/2-A		220-53343	220-53137	07/27/2011 15:08	1	TAL CT	SJ

Lab References:
TAL CT = TestAmerica Connecticut

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB142B_2-3	220-16030-1	82	85	92	113
SB142B_3-4	220-16030-2	85	84	89	100
SB142B_22-22.5	220-16030-3	86	87	92	100
SB-143 3-4	220-16030-4	84	84	92	95
SB-143 32-33	220-16030-5	85	83	91	101
SB-143 39-40	220-16030-6	85	93	82	89
DUP071411	220-16030-7	84	92	79	89
	MB 220-53087/3	83	87	93	101
	MB 220-53146/3	79	88	80	93
	LCS 220-53087/2	91	92	99	106
	LCS 220-53146/2	84	89	78	84
SB-143 39-40 MS	220-16030-6 MS	77	86	71	73
SB-143 39-40 MSD	220-16030-6 MSD	82	87	75	76

	QC LIMITS
DBFM = Dibromofluoromethane	59-123
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
TOL = Toluene-d8 (Surr)	50-118
BFB = 4-Bromofluorobenzene	34-124

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB-1	220-16030-8	101	101	85	77
FB-2	220-16030-9	102	100	78	78
Trip Blank	220-16030-10	101	107	78	78
	MB 220-53093/3	106	115	82	85
	LCS 220-53093/2	98	104	83	77

	QC LIMITS
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: N3858.D

Lab ID: LCS 220-53087/2 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromomethane	20.0	30.1	151	83-150	*
Carbon disulfide	20.0	18.4	92	80-142	
Acetone	20.0	24.6	123	80-150	
Chloroethane	20.0	22.0	110	54-150	
Chloroform	20.0	19.1	96	74-142	
Chloromethane	20.0	18.3	91	69-143	
1,1-Dichloroethane	20.0	19.6	98	78-130	
Carbon tetrachloride	20.0	18.7	94	80-137	
Methyl Ethyl Ketone	20.0	21.3	106	80-150	
1,1-Dichloroethene	20.0	19.1	96	80-144	
Benzene	20.0	18.6	93	80-133	
1,2-Dichloroethane	20.0	19.5	98	76-130	
1,2-Dichloropropane	20.0	18.8	94	78-127	
Bromodichloromethane	20.0	18.7	94	74-126	
cis-1,3-Dichloropropene	20.0	18.1	90	67-125	
trans-1,3-Dichloropropene	20.0	18.2	91	61-126	
Methylene Chloride	20.0	20.1	100	68-147	
methyl isobutyl ketone	20.0	20.7	104	74-136	
Dibromochloromethane	20.0	18.6	93	71-120	
Tetrachloroethene	20.0	18.8	94	67-120	
2-Hexanone	20.0	20.5	102	76-150	
Toluene	20.0	19.1	95	65-121	
1,1,1-Trichloroethane	20.0	19.2	96	80-136	
Chlorobenzene	20.0	19.0	95	73-120	
1,1,2-Trichloroethane	20.0	19.7	98	59-146	
Ethylbenzene	20.0	19.1	96	72-120	
Styrene	20.0	18.3	92	59-120	
Trichloroethene	20.0	17.6	88	71-129	
Bromoform	20.0	19.2	96	65-120	
Vinyl chloride	20.0	19.4	97	70-137	
1,1,2,2-Tetrachloroethane	20.0	19.3	96	76-120	
Xylenes, Total	60.0	56.9	95	71-120	
cis-1,2-Dichloroethene	20.0	19.5	97	80-122	
trans-1,2-Dichloroethene	20.0	19.9	100	50-149	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V2401.D

Lab ID: LCS 220-53093/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromomethane	10.0	8.74	87	47-150	
Carbon disulfide	10.0	9.50	95	55-150	
Acetone	10.0	8.23 J	82	41-150	
Chloroethane	10.0	11.1	111	49-150	
Chloroform	10.0	11.0	110	77-126	
Chloromethane	10.0	9.51	95	33-150	
1,1-Dichloroethane	10.0	9.86	99	75-130	
Carbon tetrachloride	10.0	12.8	128	69-135	
Methyl Ethyl Ketone	10.0	7.10 J	71	42-150	
1,1-Dichloroethene	10.0	10.7	107	65-142	
Benzene	10.0	9.67	97	66-131	
1,2-Dichloroethane	10.0	12.1	121	73-127	
1,2-Dichloropropane	10.0	8.88	89	69-129	
Bromodichloromethane	10.0	11.5	115	78-120	
cis-1,3-Dichloropropene	10.0	9.59	96	63-120	
trans-1,3-Dichloropropene	10.0	10.0	100	73-120	
Methylene Chloride	10.0	9.10	91	56-138	
methyl isobutyl ketone	10.0	7.34 J	73	70-122	
Dibromochloromethane	10.0	9.76	98	75-120	
Tetrachloroethene	10.0	10.9	109	50-120	
2-Hexanone	10.0	7.74 J	77	46-150	
Toluene	10.0	9.58	96	66-120	
1,1,1-Trichloroethane	10.0	12.8	128	73-135	
Chlorobenzene	10.0	10.0	100	68-120	
1,1,2-Trichloroethane	10.0	9.85	98	76-125	
Ethylbenzene	10.0	10.3	103	62-120	
Styrene	10.0	9.97	100	47-120	
Trichloroethene	10.0	9.77	98	60-122	
Bromoform	10.0	10.3	103	66-120	
Vinyl chloride	10.0	10.2	102	61-150	
1,1,2,2-Tetrachloroethane	10.0	7.71	77	75-124	
Xylenes, Total	30.0	30.4	101	58-120	
cis-1,2-Dichloroethene	10.0	9.00	90	65-120	
trans-1,2-Dichloroethene	10.0	9.63	96	58-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O4951.D

Lab ID: LCS 220-53146/2 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromomethane	20.0	26.3	131	83-150	
Carbon disulfide	20.0	16.2	81	80-142	
Acetone	20.0	19.6 J	98	80-150	
Chloroethane	20.0	24.1	121	54-150	
Chloroform	20.0	17.6	88	74-142	
Chloromethane	20.0	18.1	91	69-143	
1,1-Dichloroethane	20.0	19.7	98	78-130	
Carbon tetrachloride	20.0	17.0	85	80-137	
Methyl Ethyl Ketone	20.0	18.4	92	80-150	
1,1-Dichloroethene	20.0	17.6	88	80-144	
Benzene	20.0	17.9	90	80-133	
1,2-Dichloroethane	20.0	19.2	96	76-130	
1,2-Dichloropropane	20.0	19.1	95	78-127	
Bromodichloromethane	20.0	16.7	83	74-126	
cis-1,3-Dichloropropene	20.0	17.5	88	67-125	
trans-1,3-Dichloropropene	20.0	18.1	90	61-126	
Methylene Chloride	20.0	20.3	101	68-147	
methyl isobutyl ketone	20.0	17.9	90	74-136	
Dibromochloromethane	20.0	15.2	76	71-120	
Tetrachloroethene	20.0	16.2	81	67-120	
2-Hexanone	20.0	18.7	93	76-150	
Toluene	20.0	17.5	87	65-121	
1,1,1-Trichloroethane	20.0	17.6	88	80-136	
Chlorobenzene	20.0	16.5	82	73-120	
1,1,2-Trichloroethane	20.0	17.5	87	59-146	
Ethylbenzene	20.0	16.4	82	72-120	
Styrene	20.0	15.3	76	59-120	
Trichloroethene	20.0	17.0	85	71-129	
Bromoform	20.0	13.9	69	65-120	
Vinyl chloride	20.0	18.3	92	70-137	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	76-120	
Xylenes, Total	60.0	49.1	82	71-120	
cis-1,2-Dichloroethene	20.0	17.5	88	80-122	
trans-1,2-Dichloroethene	20.0	17.4	87	50-149	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O4958.D

Lab ID: 220-16030-6 MS Client ID: SB-143 39-40 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	61.6	4.5 J	62.4	94	80-150	
Benzene	61.6	6.2 U	57.9	94	80-133	
Bromodichloromethane	61.6	6.2 U	55.5	90	74-126	
Bromoform	61.6	6.2 U	46.6	76	65-120	
Bromomethane	61.6	6.2 U	64.8	105	83-150	
Methyl Ethyl Ketone	61.6	12 U	61.1	99	80-150	
Carbon disulfide	61.6	6.2 U	51.2	83	80-142	
Carbon tetrachloride	61.6	6.2 U	49.1	80	80-137	
Chlorobenzene	61.6	6.2 U	51.3	83	73-120	
Chloroethane	61.6	6.2 U	76.9	125	54-150	
Chloroform	61.6	6.2 U	58.1	94	74-142	
Chloromethane	61.6	6.2 U	61.2	99	69-143	
Dibromochloromethane	61.6	6.2 U	48.3	79	71-120	
1,1-Dichloroethane	61.6	6.2 U	64.2	104	78-130	
1,2-Dichloroethane	61.6	6.2 U	65.7	107	76-130	
1,1-Dichloroethene	61.6	6.2 U	54.1	88	80-144	
1,2-Dichloropropane	61.6	6.2 U	62.7	102	78-127	
cis-1,3-Dichloropropene	61.6	6.2 U	58.8	96	67-125	
trans-1,3-Dichloropropene	61.6	6.2 U	58.4	95	61-126	
Ethylbenzene	61.6	6.2 U	52.3	85	72-120	
2-Hexanone	61.6	12 U	57.1	93	76-150	
Methylene Chloride	61.6	6.3 J	57.8	84	68-147	
methyl isobutyl ketone	61.6	6.2 U	57.9	94	74-136	
Styrene	61.6	6.2 U	49.3	80	59-120	
1,1,2,2-Tetrachloroethane	61.6	6.2 U	53.0	86	76-120	
Tetrachloroethene	61.6	6.2 U	50.9	83	67-120	
Toluene	61.6	6.2 U	52.6	85	65-121	
1,1,1-Trichloroethane	61.6	6.2 U	57.6	93	80-136	
1,1,2-Trichloroethane	61.6	6.2 U	57.9	94	59-146	
Trichloroethene	61.6	6.2 U	56.3	92	71-129	
Vinyl chloride	61.6	6.2 U	60.3	98	70-137	
Xylenes, Total	185	6.2 U	158	85	71-120	
cis-1,2-Dichloroethene	61.6	6.2 U	55.3	90	80-122	
trans-1,2-Dichloroethene	61.6	6.2 U	55.3	90	50-149	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O4959.D

Lab ID: 220-16030-6 MSD Client ID: SB-143 39-40 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	61.6	65.9	100	6	20	80-150	
Benzene	61.6	58.9	96	2	20	80-133	
Bromodichloromethane	61.6	53.9	88	3	20	74-126	
Bromoform	61.6	48.2	78	4	20	65-120	
Bromomethane	61.6	64.1	104	1	20	83-150	
Methyl Ethyl Ketone	61.6	59.2	96	3	20	80-150	
Carbon disulfide	61.6	52.0	84	2	20	80-142	
Carbon tetrachloride	61.6	57.0	93	15	20	80-137	
Chlorobenzene	61.6	52.3	85	2	20	73-120	
Chloroethane	61.6	80.6	131	5	20	54-150	
Chloroform	61.6	59.6	97	3	20	74-142	
Chloromethane	61.6	61.3	100	0	20	69-143	
Dibromochloromethane	61.6	48.9	79	1	20	71-120	
1,1-Dichloroethane	61.6	63.3	103	1	20	78-130	
1,2-Dichloroethane	61.6	63.0	102	4	20	76-130	
1,1-Dichloroethene	61.6	57.0	93	5	20	80-144	
1,2-Dichloropropane	61.6	62.8	102	0	20	78-127	
cis-1,3-Dichloropropene	61.6	57.4	93	2	20	67-125	
trans-1,3-Dichloropropene	61.6	58.2	95	0	20	61-126	
Ethylbenzene	61.6	51.8	84	1	20	72-120	
2-Hexanone	61.6	59.3	96	4	20	76-150	
Methylene Chloride	61.6	57.3	83	1	20	68-147	
methyl isobutyl ketone	61.6	59.6	97	3	20	74-136	
Styrene	61.6	50.3	82	2	20	59-120	
1,1,2,2-Tetrachloroethane	61.6	55.1	89	4	20	76-120	
Tetrachloroethene	61.6	52.3	85	3	20	67-120	
Toluene	61.6	53.7	87	2	20	65-121	
1,1,1-Trichloroethane	61.6	58.3	95	1	20	80-136	
1,1,2-Trichloroethane	61.6	56.6	92	2	20	59-146	
Trichloroethene	61.6	57.0	93	1	20	71-129	
Vinyl chloride	61.6	62.1	101	3	20	70-137	
Xylenes, Total	185	158	85	0	20	71-120	
cis-1,2-Dichloroethene	61.6	58.2	95	5	20	80-122	
trans-1,2-Dichloroethene	61.6	57.0	93	3	20	50-149	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: N3859.D Lab Sample ID: MB 220-53087/3

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: MSN Date Analyzed: 07/19/2011 12:08

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53087/2	N3858.D	07/19/2011 11:19
SB142B_2-3	220-16030-1	N3873.D	07/19/2011 18:40
SB142B_3-4	220-16030-2	N3874.D	07/19/2011 19:06
SB142B_22-22.5	220-16030-3	N3875.D	07/19/2011 19:32
SB-143 3-4	220-16030-4	N3876.D	07/19/2011 19:57
SB-143 32-33	220-16030-5	N3877.D	07/19/2011 20:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: V2403.D Lab Sample ID: MB 220-53093/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: MSV Date Analyzed: 07/20/2011 11:42

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53093/2	V2401.D	07/20/2011 10:47
FB-1	220-16030-8	V2422.D	07/20/2011 20:21
FB-2	220-16030-9	V2423.D	07/20/2011 20:49
Trip Blank	220-16030-10	V2424.D	07/20/2011 21:17

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: O4952.D Lab Sample ID: MB 220-53146/3

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: MSO Date Analyzed: 07/20/2011 11:46

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53146/2	O4951.D	07/20/2011 11:04
SB-143 39-40	220-16030-6	O4954.D	07/20/2011 13:06
DUP071411	220-16030-7	O4956.D	07/20/2011 13:57
SB-143 39-40 MS	220-16030-6 MS	O4958.D	07/20/2011 15:05
SB-143 39-40 MSD	220-16030-6 MSD	O4959.D	07/20/2011 15:31

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: NB907.D BFB Injection Date: 07/13/2011

Instrument ID: MSN BFB Injection Time: 16:46

Analysis Batch No.: 52848

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	38.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	76.3	
175	5.0 - 9.0 % of mass 174	5.6	(7.3)1
176	95.0 - 101.0 % of mass 174	73.8	(96.8)1
177	5.0 - 9.0 % of mass 176	4.9	(6.6)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
	IC 220-52848/1	N3724.D	07/13/2011	17:15
	IC 220-52848/2	N3725.D	07/13/2011	17:41
	IC 220-52848/3	N3726.D	07/13/2011	18:21
	IC 220-52848/4	N3727.D	07/13/2011	18:46
	IC 220-52848/5	N3728.D	07/13/2011	19:11
	IC 220-52848/6	N3729.D	07/13/2011	19:37

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: NB913.D BFB Injection Date: 07/19/2011

Instrument ID: MSN BFB Injection Time: 09:45

Analysis Batch No.: 53087

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.8	
75	30.0 - 60.0 % of mass 95	40.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	71.3	
175	5.0 - 9.0 % of mass 174	5.3	(7.4)1
176	95.0 - 101.0 % of mass 174	67.9	(95.2)1
177	5.0 - 9.0 % of mass 176	4.8	(7.1)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 220-53087/1	N3857.D	07/19/2011	10:15
	LCS 220-53087/2	N3858.D	07/19/2011	11:19
	MB 220-53087/3	N3859.D	07/19/2011	12:08
SB142B_2-3	220-16030-1	N3873.D	07/19/2011	18:40
SB142B_3-4	220-16030-2	N3874.D	07/19/2011	19:06
SB142B_22-22.5	220-16030-3	N3875.D	07/19/2011	19:32
SB-143 3-4	220-16030-4	N3876.D	07/19/2011	19:57
SB-143 32-33	220-16030-5	N3877.D	07/19/2011	20:23

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: OB028.D BFB Injection Date: 06/23/2011

Instrument ID: MSO BFB Injection Time: 10:41

Analysis Batch No.: 52207

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	45.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	70.0	
175	5.0 - 9.0 % of mass 174	4.8	(6.9)1
176	95.0 - 101.0 % of mass 174	69.3	(99.0)1
177	5.0 - 9.0 % of mass 176	4.7	(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
	IC 220-52207/1	O4512.D	06/23/2011	13:41
	IC 220-52207/2	O4513.D	06/23/2011	14:06
	IC 220-52207/3	O4514.D	06/23/2011	14:32
	IC 220-52207/4	O4515.D	06/23/2011	14:57
	IC 220-52207/5	O4516.D	06/23/2011	15:22
	IC 220-52207/6	O4519.D	06/23/2011	17:14

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: OB047.D BFB Injection Date: 07/20/2011

Instrument ID: MSO BFB Injection Time: 09:49

Analysis Batch No.: 53146

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.6	
75	30.0 - 60.0 % of mass 95	49.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	64.2	
175	5.0 - 9.0 % of mass 174	5.0	(7.7)1
176	95.0 - 101.0 % of mass 174	61.3	(95.4)1
177	5.0 - 9.0 % of mass 176	3.8	(6.1)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 220-53146/1	O4950.D	07/20/2011	10:17
	LCS 220-53146/2	O4951.D	07/20/2011	11:04
	MB 220-53146/3	O4952.D	07/20/2011	11:46
SB-143 39-40	220-16030-6	O4954.D	07/20/2011	13:06
DUP071411	220-16030-7	O4956.D	07/20/2011	13:57
SB-143 39-40 MS	220-16030-6 MS	O4958.D	07/20/2011	15:05
SB-143 39-40 MSD	220-16030-6 MSD	O4959.D	07/20/2011	15:31

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: VB561.D BFB Injection Date: 07/13/2011

Instrument ID: MSV BFB Injection Time: 14:11

Analysis Batch No.: 52854

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.6	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	91.2	
175	5.0 - 9.0 % of mass 174	7.5	(8.2)1
176	95.0 - 101.0 % of mass 174	87.6	(96.0)1
177	5.0 - 9.0 % of mass 176	5.7	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-52854/1	V2191.D	07/13/2011	14:31
	IC 220-52854/2	V2192.D	07/13/2011	14:58
	ICIS 220-52854/3	V2193.D	07/13/2011	15:25
	IC 220-52854/4	V2194.D	07/13/2011	15:53
	IC 220-52854/5	V2195.D	07/13/2011	16:20
	IC 220-52854/6	V2196.D	07/13/2011	16:47

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: VB570.D BFB Injection Date: 07/20/2011

Instrument ID: MSV BFB Injection Time: 09:35

Analysis Batch No.: 53093

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	54.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	97.9	
175	5.0 - 9.0 % of mass 174	8.6	(8.8)1
176	95.0 - 101.0 % of mass 174	97.8	(99.8)1
177	5.0 - 9.0 % of mass 176	6.5	(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
	CCVIS 220-53093/1	V2399.D	07/20/2011	09:45
	LCS 220-53093/2	V2401.D	07/20/2011	10:47
	MB 220-53093/3	V2403.D	07/20/2011	11:42
FB-1	220-16030-8	V2422.D	07/20/2011	20:21
FB-2	220-16030-9	V2423.D	07/20/2011	20:49
Trip Blank	220-16030-10	V2424.D	07/20/2011	21:17

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53087/1 Date Analyzed: 07/19/2011 10:15

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): N3857.D Heated Purge: (Y/N) Y

Calibration ID: 11460

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		639491	4.79	522506	7.87	211640	9.93
UPPER LIMIT		1278982	5.29	1045012	8.37	423280	10.43
LOWER LIMIT		319746	4.29	261253	7.37	105820	9.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-53087/2		628378	4.79	506341	7.87	203781	9.93
MB 220-53087/3		658285	4.79	522036	7.87	198788	9.93
220-16030-1	SB142B_2-3	596003	4.79	481094	7.86	189574	9.92
220-16030-2	SB142B_3-4	657712	4.79	549954	7.86	215934	9.92
220-16030-3	SB142B_22-22.5	625570	4.79	518070	7.87	206418	9.92
220-16030-4	SB-143 3-4	678005	4.79	552801	7.87	226407	9.92
220-16030-5	SB-143 32-33	660447	4.79	544443	7.87	207027	9.92

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53146/1 Date Analyzed: 07/20/2011 10:17

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): O4950.D Heated Purge: (Y/N) Y

Calibration ID: 11264

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		210464	3.80	154452	7.20	67727	9.31
UPPER LIMIT		420928	4.30	308904	7.70	135454	9.81
LOWER LIMIT		105232	3.30	77226	6.70	33864	8.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-53146/2		219832	3.79	156427	7.21	68353	9.30
MB 220-53146/3		215446	3.79	148097	7.21	58056	9.30
220-16030-6	SB-143 39-40	206253	3.80	145650	7.21	60974	9.31
220-16030-7	DUP071411	192642	3.79	139223	7.21	55872	9.30
220-16030-6 MS	SB-143 39-40 MS	184103	3.79	136818	7.21	64309	9.30
220-16030-6 MSD	SB-143 39-40 MSD	189523	3.79	139706	7.20	64678	9.30

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53093/1 Date Analyzed: 07/20/2011 09:45

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V2399.D Heated Purge: (Y/N) N

Calibration ID: 11462

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		273944	4.84	225330	8.58	144156	11.03
UPPER LIMIT		547888	5.34	450660	9.08	288312	11.53
LOWER LIMIT		136972	4.34	112665	8.08	72078	10.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-53093/2		287114	4.84	224211	8.58	148196	11.03
MB 220-53093/3		251782	4.84	207777	8.58	115243	11.03
220-16030-8	FB-1	325242	4.84	256288	8.58	152329	11.03
220-16030-9	FB-2	316869	4.84	252914	8.58	147549	11.03
220-16030-10	Trip Blank	292303	4.84	239706	8.58	138499	11.03

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 Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: N3873.D

Analysis Method: 8260B | Date Collected: 07/13/2011 09:45

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 18:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	15	J B	23	2.5
71-43-2	Benzene	5.6	U	5.6	0.64
75-27-4	Bromodichloromethane	5.6	U	5.6	0.34
75-25-2	Bromoform	5.6	U	5.6	0.69
74-83-9	Bromomethane	5.6	U *	5.6	2.3
78-93-3	Methyl Ethyl Ketone	11	U	11	1.8
75-15-0	Carbon disulfide	0.76	J	5.6	0.46
56-23-5	Carbon tetrachloride	5.6	U	5.6	1.1
108-90-7	Chlorobenzene	5.6	U	5.6	0.66
75-00-3	Chloroethane	5.6	U	5.6	1.1
67-66-3	Chloroform	5.6	U	5.6	0.38
74-87-3	Chloromethane	5.6	U	5.6	0.88
124-48-1	Dibromochloromethane	5.6	U	5.6	0.39
75-34-3	1,1-Dichloroethane	5.6	U	5.6	0.34
107-06-2	1,2-Dichloroethane	5.6	U	5.6	0.65
75-35-4	1,1-Dichloroethene	0.85	J	5.6	0.65
78-87-5	1,2-Dichloropropane	5.6	U	5.6	0.75
10061-01-5	cis-1,3-Dichloropropene	5.6	U	5.6	0.63
10061-02-6	trans-1,3-Dichloropropene	5.6	U	5.6	0.30
100-41-4	Ethylbenzene	5.6	U	5.6	0.79
591-78-6	2-Hexanone	11	U	11	1.4
75-09-2	Methylene Chloride	6.8	J B	23	1.2
108-10-1	methyl isobutyl ketone	5.6	U	5.6	0.62
100-42-5	Styrene	5.6	U	5.6	0.17
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	5.6	0.59
127-18-4	Tetrachloroethene	5.6	U	5.6	0.91
108-88-3	Toluene	0.42	J	5.6	0.083
71-55-6	1,1,1-Trichloroethane	2.2	J	5.6	0.60
79-00-5	1,1,2-Trichloroethane	5.6	U	5.6	0.42
79-01-6	Trichloroethene	5.6	U	5.6	0.91
75-01-4	Vinyl chloride	5.6	U	5.6	0.26
1330-20-7	Xylenes, Total	2.2	J	5.6	0.55
156-59-2	cis-1,2-Dichloroethene	5.6	U	5.6	0.42
156-60-5	trans-1,2-Dichloroethene	5.6	U	5.6	0.44

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 Lab Sample ID: 220-16030-1

Matrix: Solid Lab File ID: N3873.D

Analysis Method: 8260B Date Collected: 07/13/2011 09:45

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 18:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		59-132
460-00-4	4-Bromofluorobenzene	113		34-124
1868-53-7	Dibromofluoromethane	82		59-123
2037-26-5	Toluene-d8 (Surr)	92		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3873.D
Lab Smp Id: 220-16030-A-1 Client Smp ID: SB142B_2-3
Inj Date : 19-JUL-2011 18:40 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-1
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	596003	25.0000	
	14 1,1-Dichloroethene	96	1.913	1.912	(0.399)	4964	0.75138	0.8
	15 Carbon Disulfide	76	1.943	1.941	(0.406)	18754	0.67670	0.7
	20 Methylene Chloride	84	2.268	2.266	(0.474)	68451	6.04168	6
	21 Acetone	43	2.288	2.296	(0.478)	83447	13.6377	14
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	181611	20.5489	20
	44 1,1,1-Trichloroethane	97	3.844	3.853	(0.803)	19002	1.96320	2
$	55 1,2-Dichloroethane-d4	65	4.455	4.463	(0.930)	165811	21.2961	21
*	75 Chlorobenzene-d5	117	7.864	7.872	(1.000)	481094	25.0000	
	76 Toluene	91	6.484	6.493	(0.825)	11813	0.37124	0.4
$	77 Toluene-d8	98	6.435	6.443	(0.818)	636997	23.0017	23
	91 Xylene (total)mp	106	8.061	8.059	(1.025)	15655	1.13713	1
	92 Xylene (total)o	106	8.435	8.434	(1.073)	10612	0.80850	0.8
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	189574	25.0000	
	96 Isopropylbenzene	105	8.711	8.719	(0.878)	14784	0.47780	0.5
	99 4-Ethyltoluene	105	9.164	9.182	(0.924)	138450	4.30666	4
	102 n-Propylbenzene	91	9.075	9.084	(0.915)	26625	0.68916	0.7
	103 2-Chlorotoluene	91	9.164	9.202	(0.924)	29525	1.18297	1
	105 1,3,5-Trimethylbenzene	105	9.253	9.261	(0.932)	103135	4.06443	4
	106 tert-Butylbenzene	119	9.529	9.527	(0.960)	11157	0.50156	0.5
	107 1,2,4-Trimethylbenzene	105	9.588	9.596	(0.966)	223320	8.78209	9

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
	108 sec-Butylbenzene	105	9.676	9.685	(0.975)	37207	1.05080	1
	109 4-Isopropyltoluene	119	9.814	9.813	(0.989)	292055	10.5365	10
	114 1,4-Diethylbenzene	119	10.149	10.138	(1.023)	154034	11.3308	11
	118 1,2,4,5-Tetramethylbenzene	119	10.829	10.837	(1.091)	55838	2.54763	2
	123 Naphthalene	128	11.873	11.882	(1.197)	17691919	815.419	820(A)
$	125 Bromofluorobenzene	95	8.947	8.956	(0.902)	267805	28.3706	28
M	127 Xylene (total)	100				26267	1.94563	2

QC Flag Legend

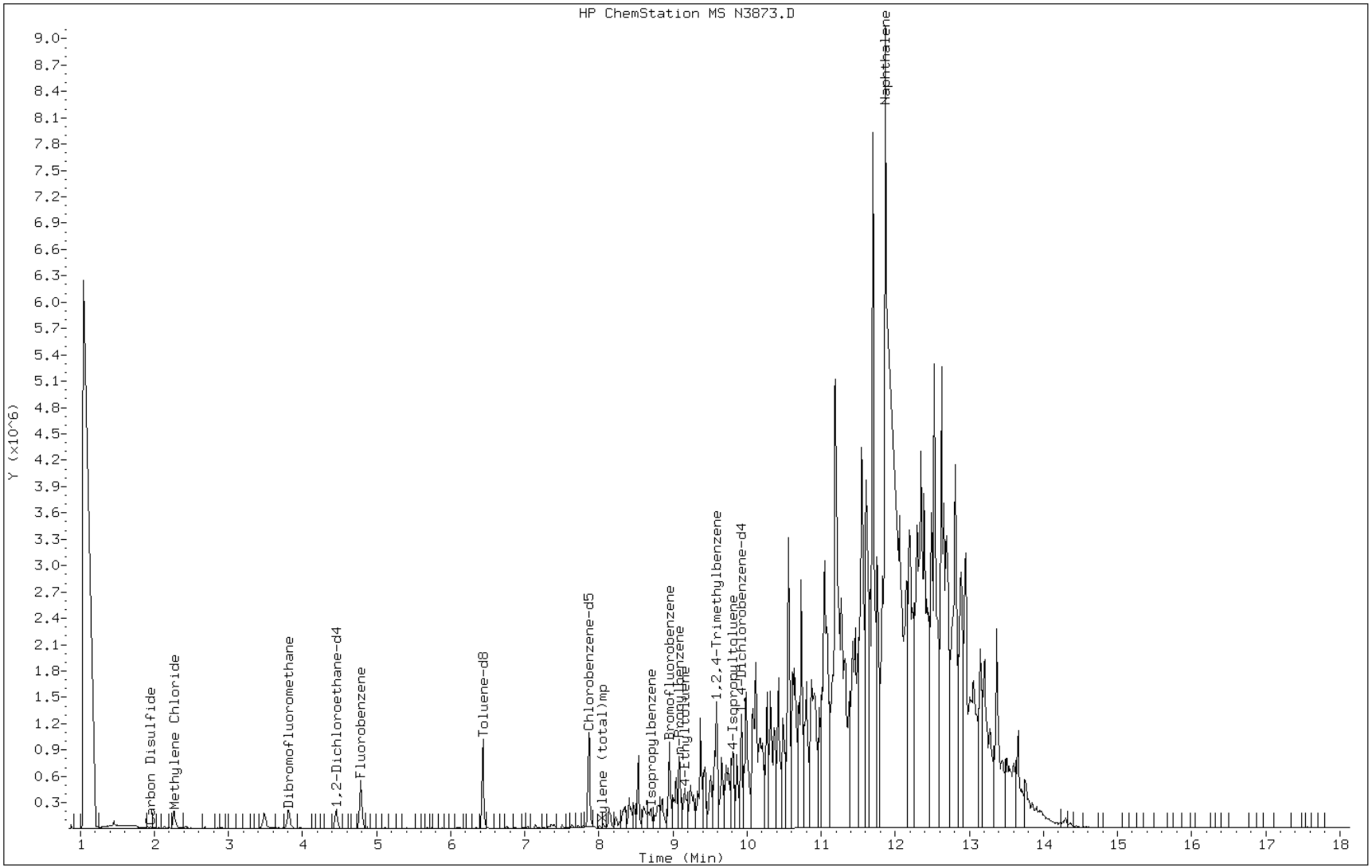
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT



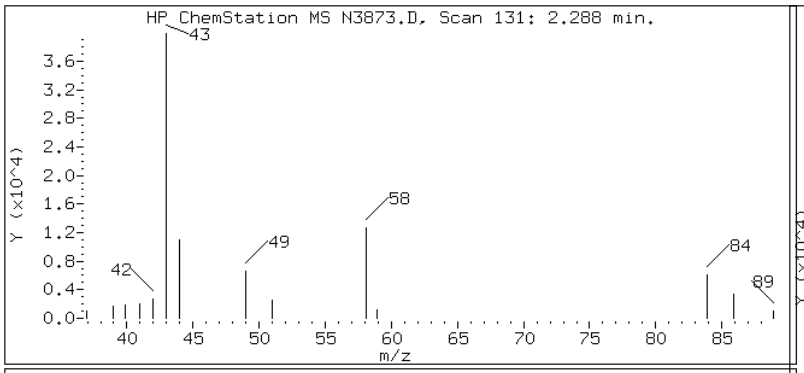
Data File: N3873.D

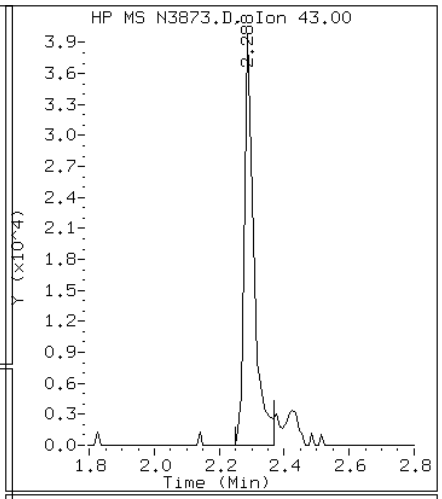
Date: 19-JUL-2011 18:40

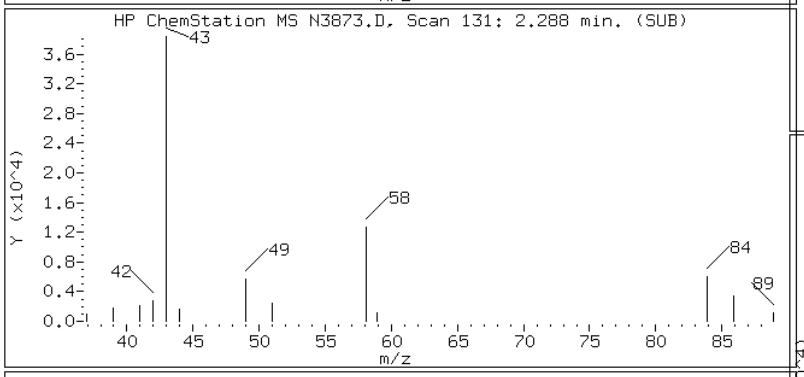
Client ID: SB142B_2-3 Instrument: msn.i

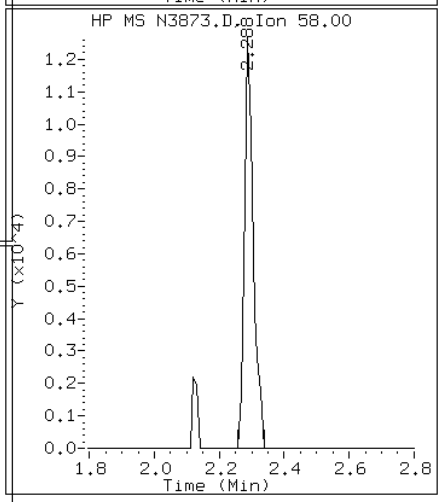
Sample Info: 220-16030-A-1 Operator: D. HUMBERT

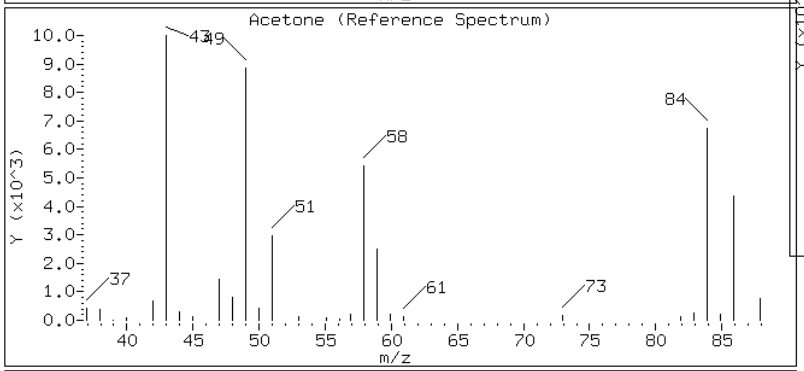
21 Acetone

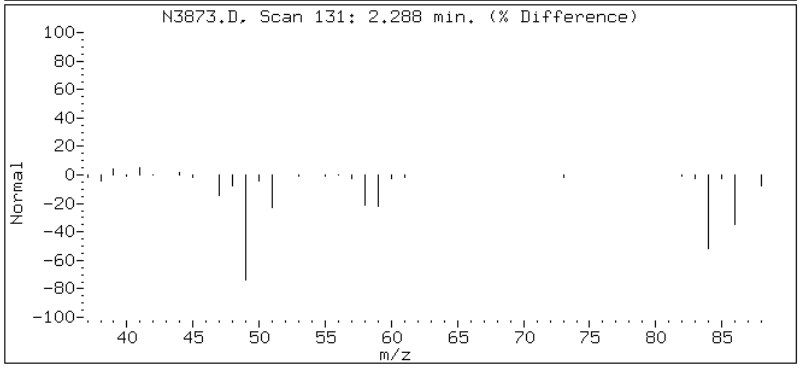












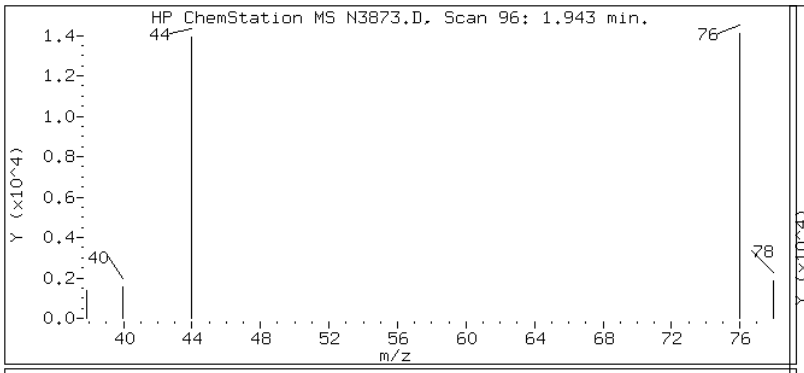
Data File: N3873.D

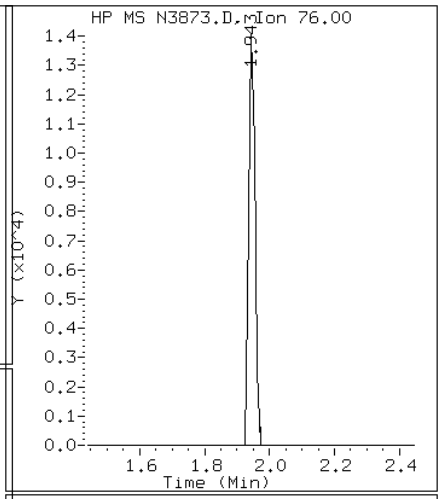
Date: 19-JUL-2011 18:40

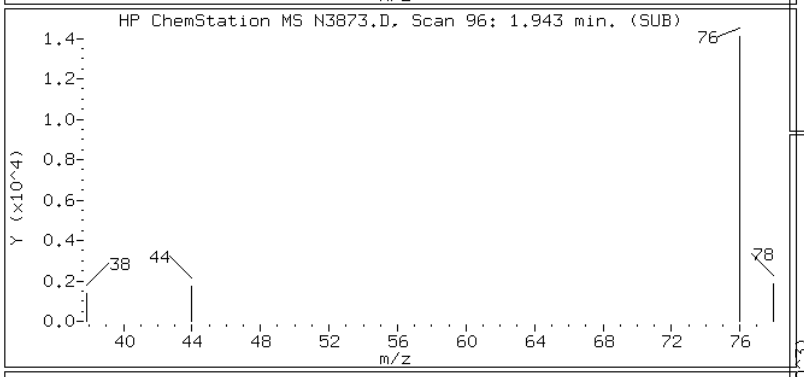
Client ID: SB142B_2-3 Instrument: msn.i

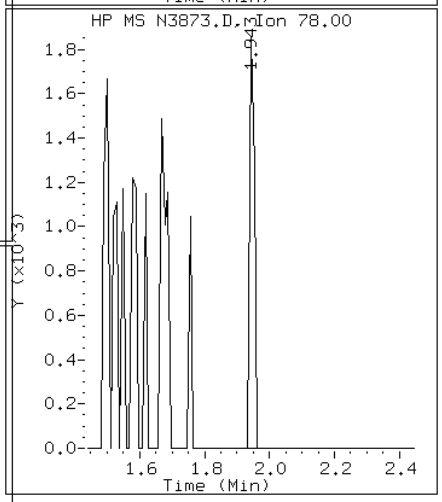
Sample Info: 220-16030-A-1 Operator: D. HUMBERT

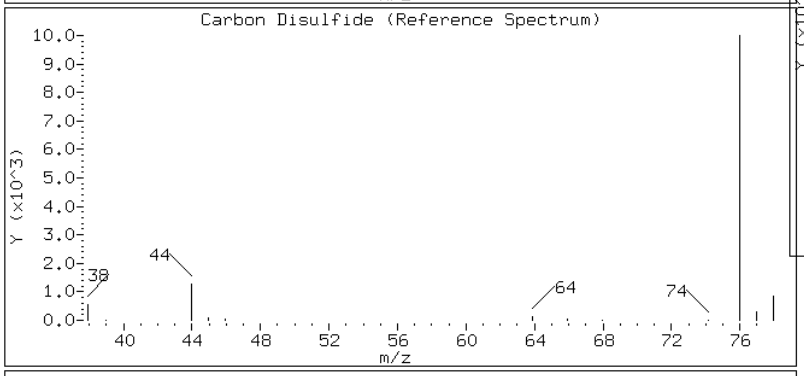
15 Carbon Disulfide

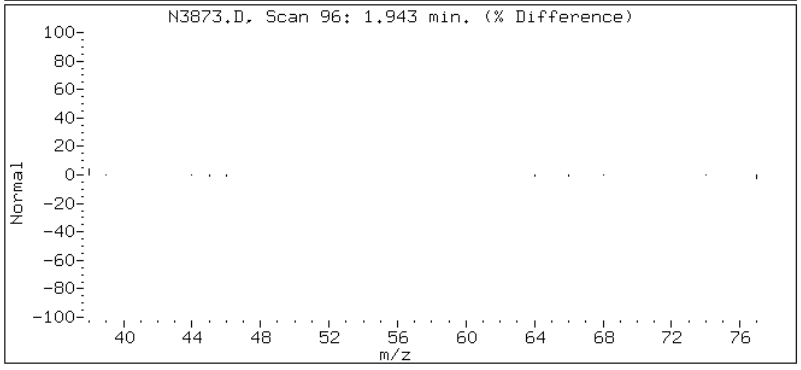












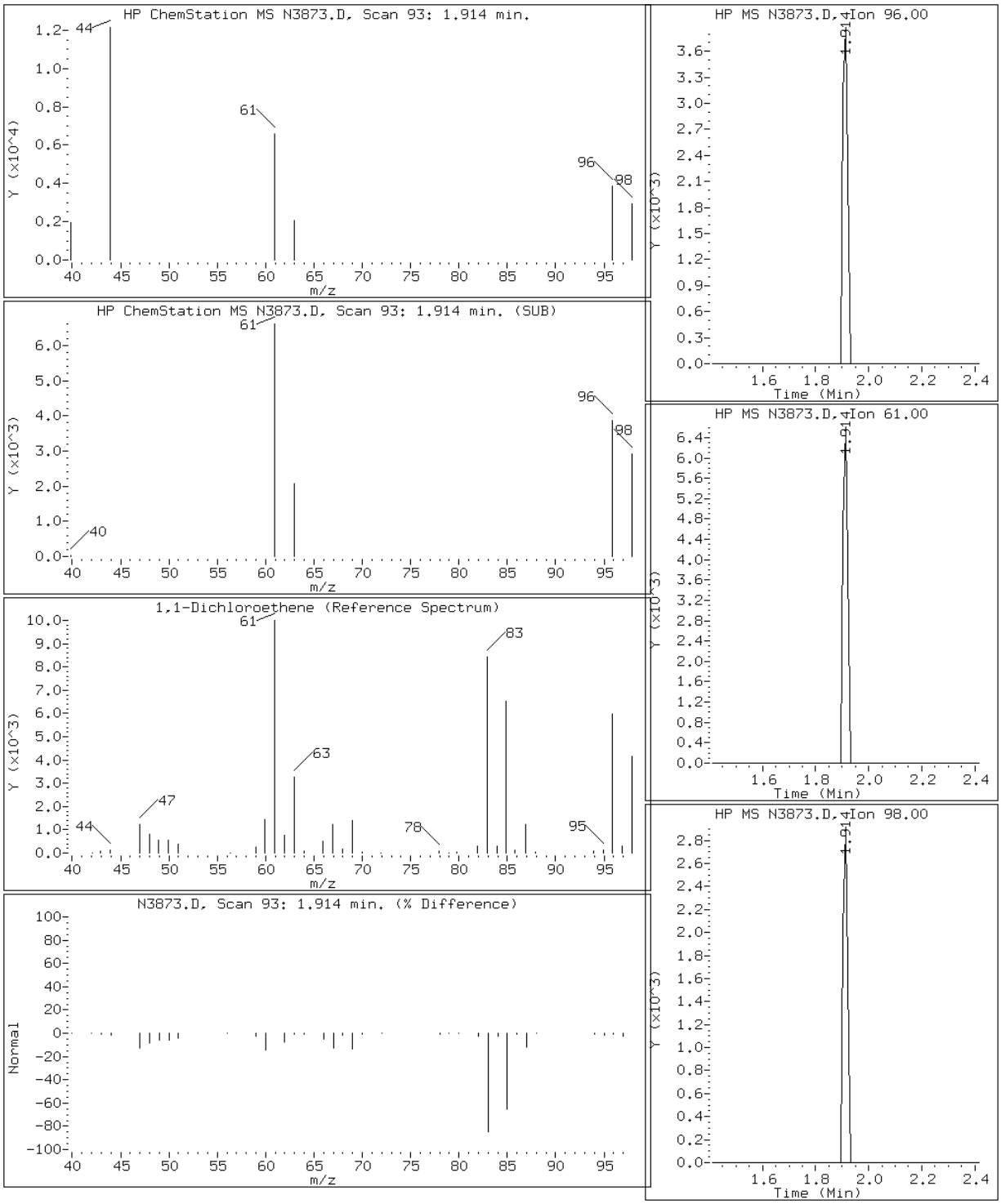
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

14 1,1-Dichloroethene



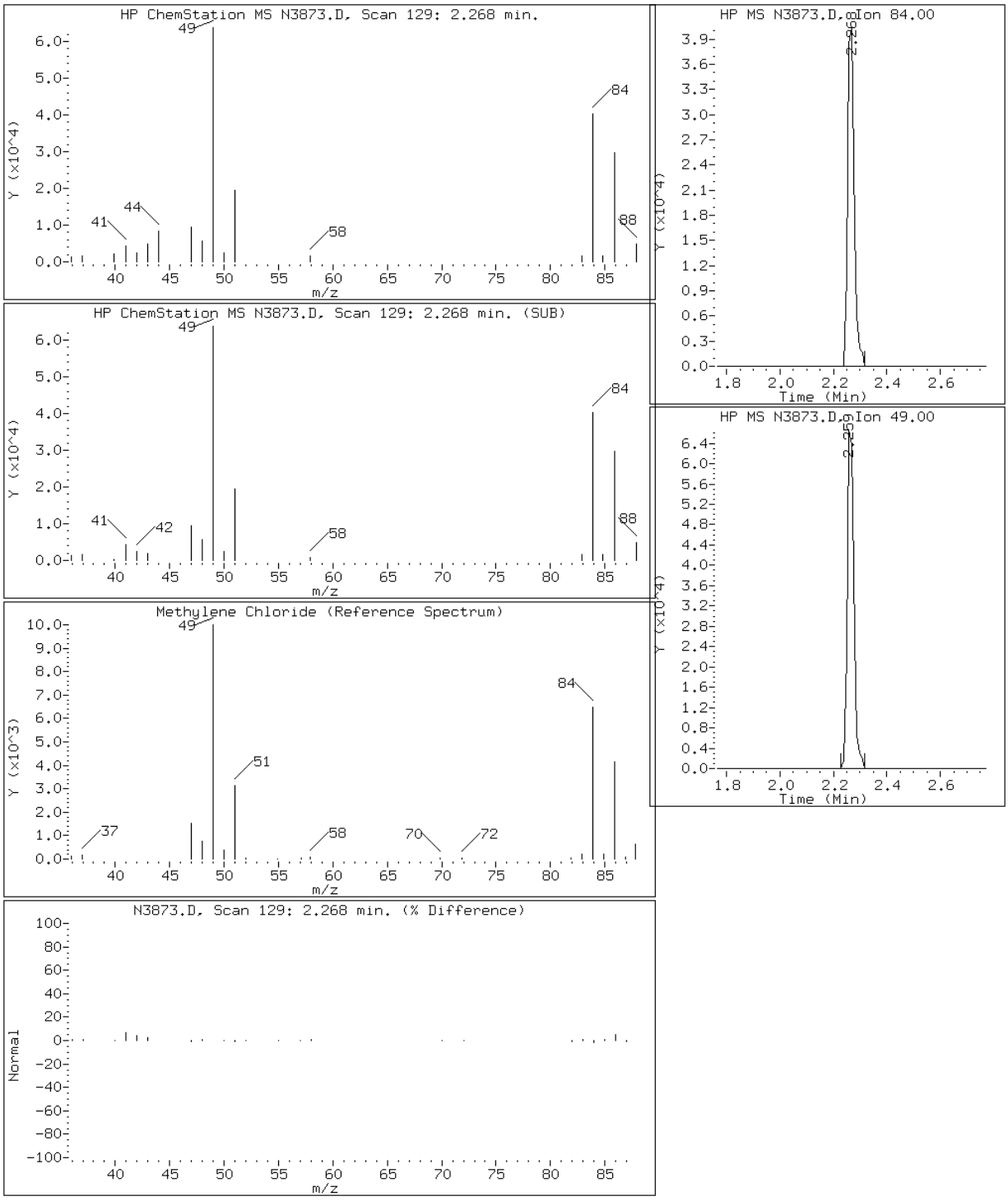
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

20 Methylene Chloride



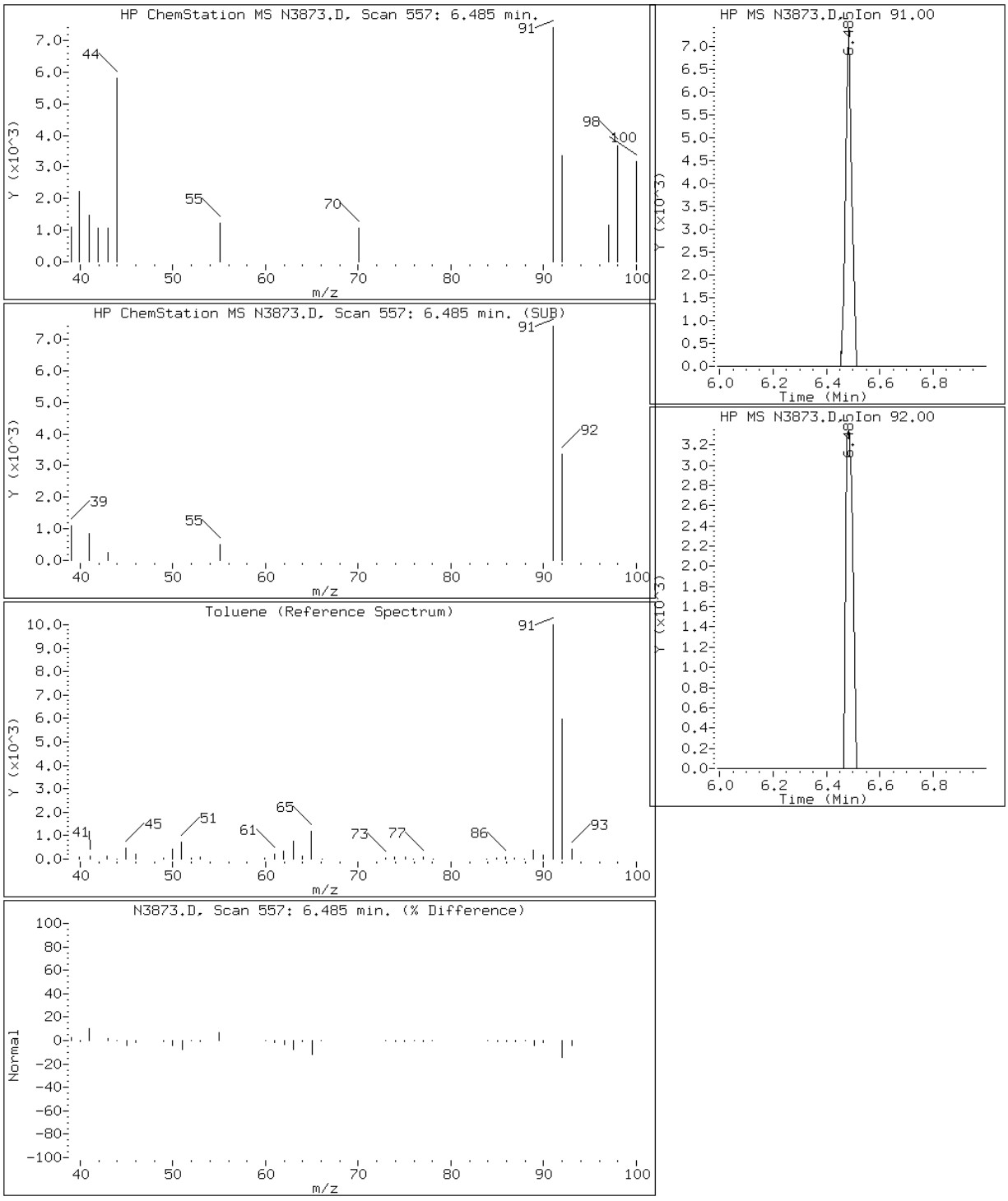
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

76 Toluene



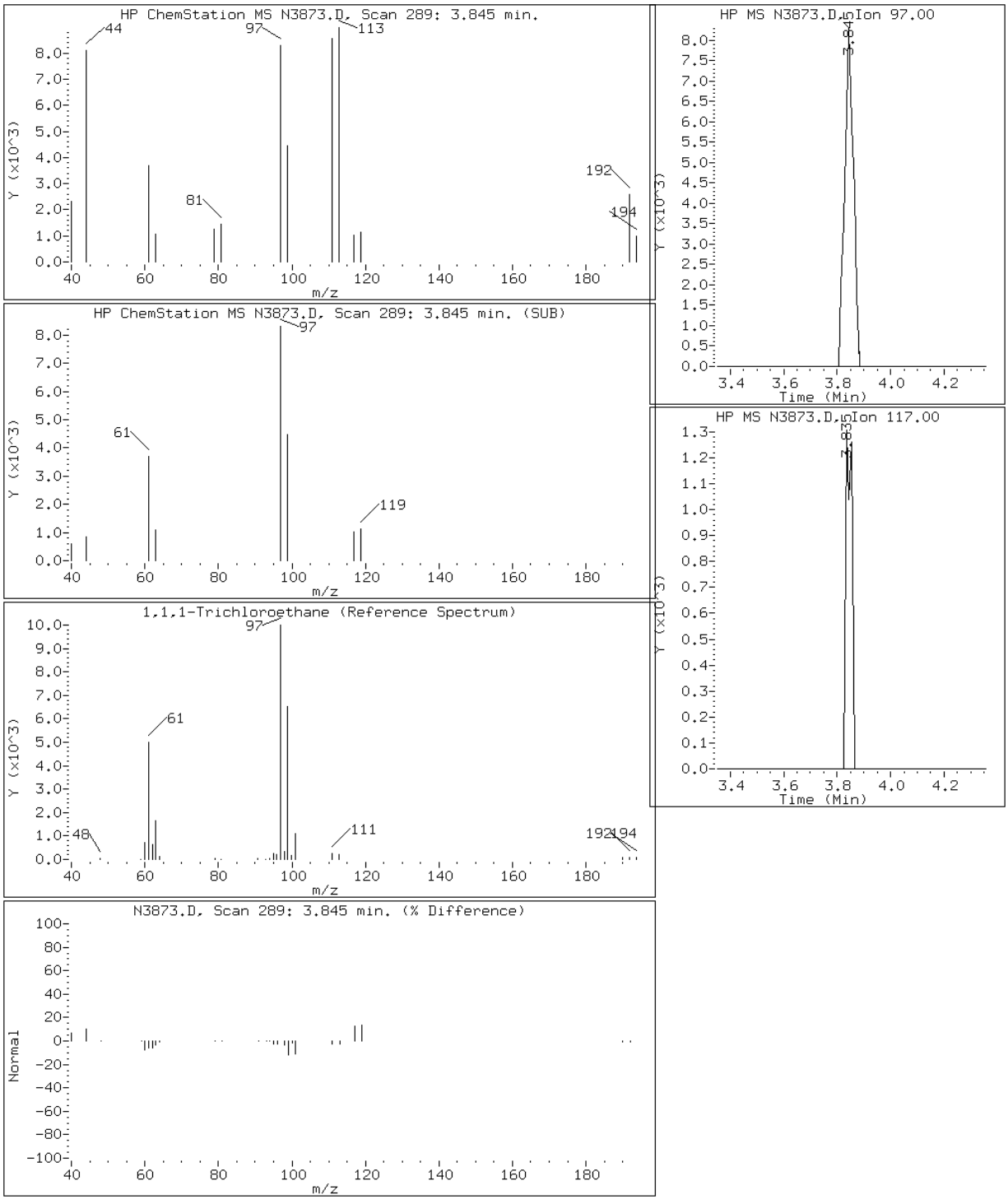
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

44 1,1,1-Trichloroethane



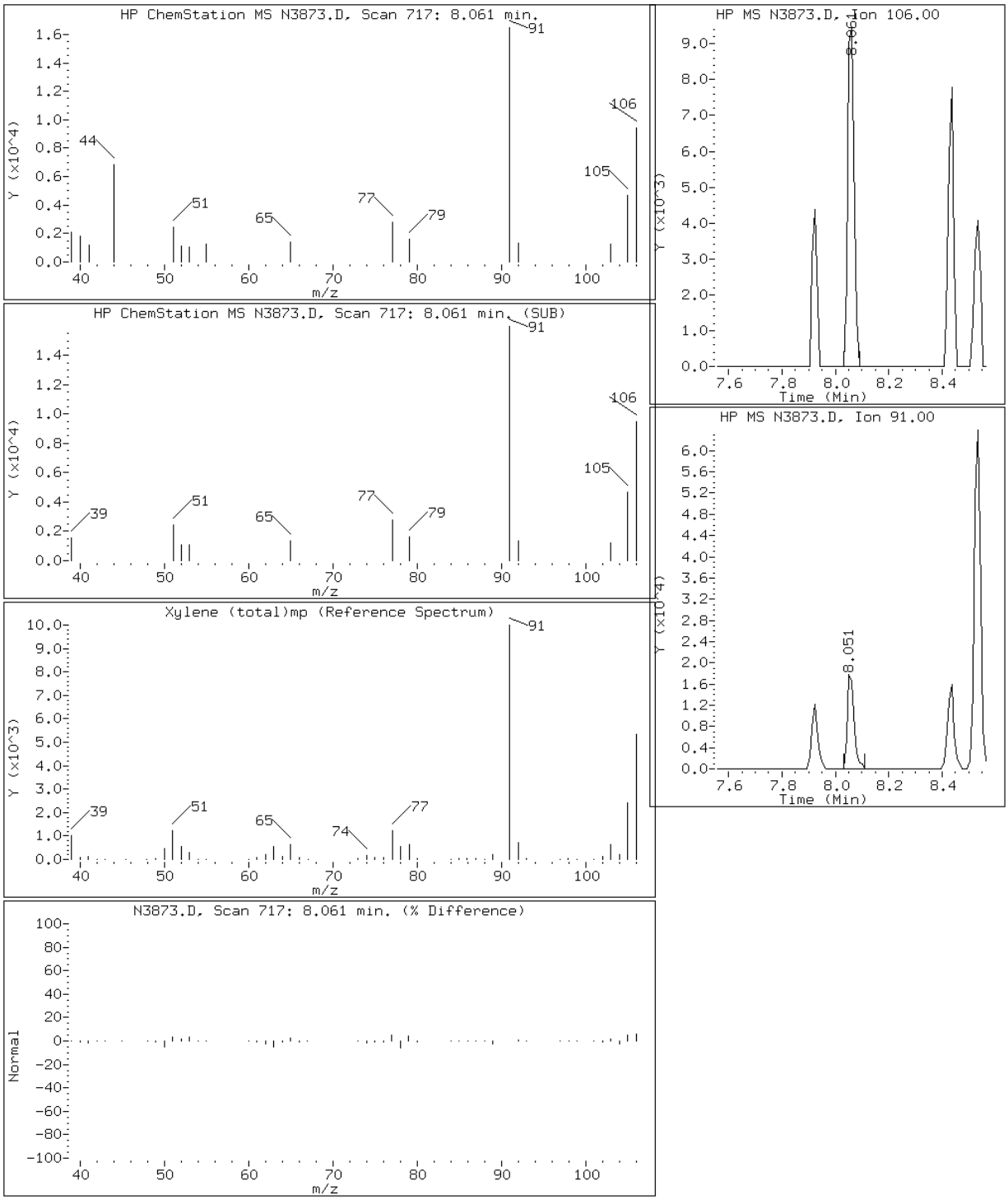
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

91 Xylene (total)mp



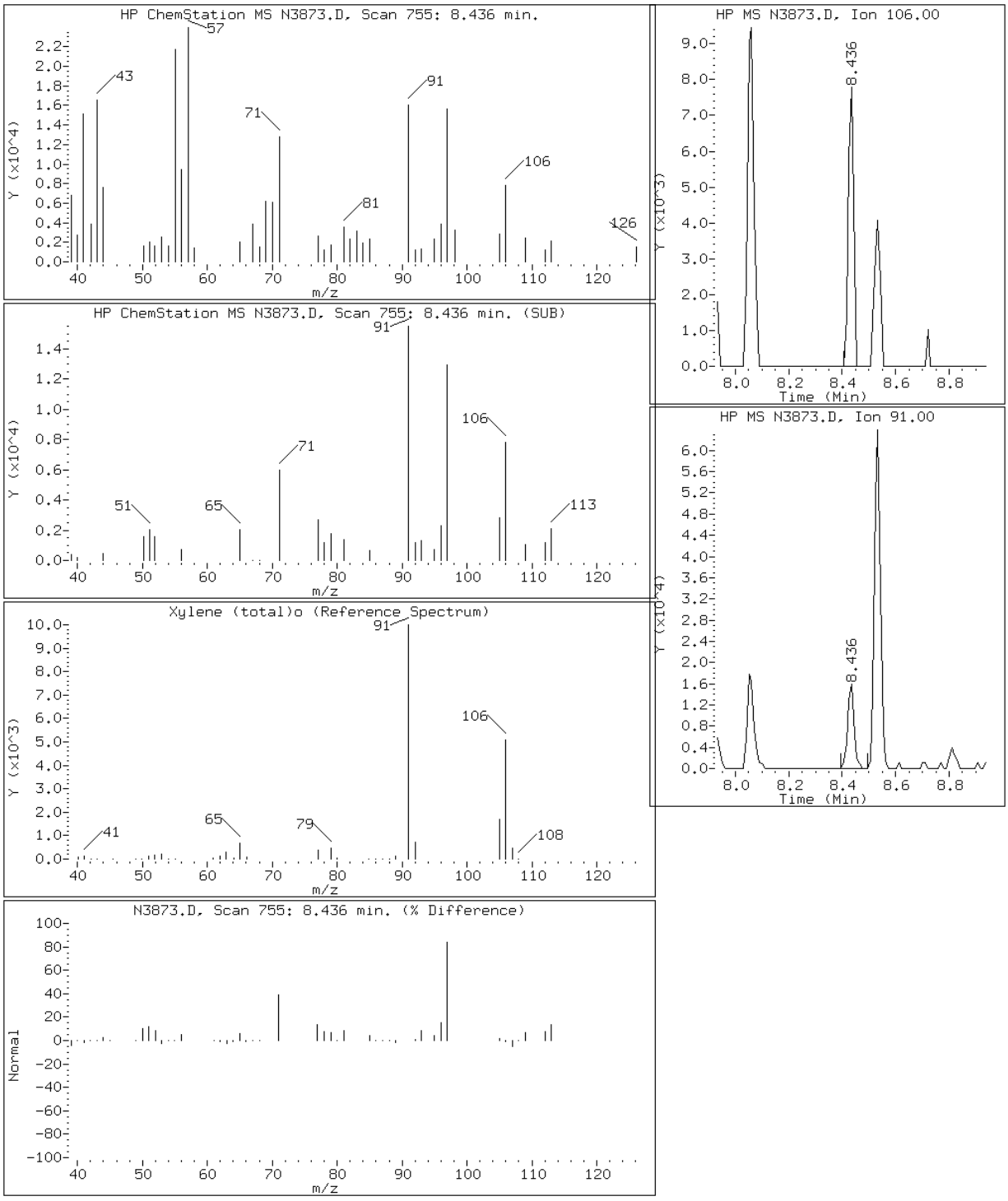
Data File: N3873.D

Date: 19-JUL-2011 18:40

Client ID: SB142B_2-3 Instrument: msn.i

Sample Info: 220-16030-A-1 Operator: D. HUMBERT

92 Xylene (total)o



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: N3874.D

Analysis Method: 8260B | Date Collected: 07/13/2011 10:00

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 19:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 12.4 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	9.0	J B	23	2.6
71-43-2	Benzene	3.5	J	5.7	0.65
75-27-4	Bromodichloromethane	5.7	U	5.7	0.34
75-25-2	Bromoform	5.7	U	5.7	0.70
74-83-9	Bromomethane	5.7	U *	5.7	2.4
78-93-3	Methyl Ethyl Ketone	11	U	11	1.8
75-15-0	Carbon disulfide	5.7	U	5.7	0.47
56-23-5	Carbon tetrachloride	5.7	U	5.7	1.1
108-90-7	Chlorobenzene	5.7	U	5.7	0.67
75-00-3	Chloroethane	5.7	U	5.7	1.1
67-66-3	Chloroform	5.7	U	5.7	0.39
74-87-3	Chloromethane	5.7	U	5.7	0.89
124-48-1	Dibromochloromethane	5.7	U	5.7	0.40
75-34-3	1,1-Dichloroethane	5.7	U	5.7	0.34
107-06-2	1,2-Dichloroethane	5.7	U	5.7	0.66
75-35-4	1,1-Dichloroethene	5.7	U	5.7	0.66
78-87-5	1,2-Dichloropropane	5.7	U	5.7	0.76
10061-01-5	cis-1,3-Dichloropropene	5.7	U	5.7	0.64
10061-02-6	trans-1,3-Dichloropropene	5.7	U	5.7	0.31
100-41-4	Ethylbenzene	5.7	U	5.7	0.80
591-78-6	2-Hexanone	11	U	11	1.4
75-09-2	Methylene Chloride	6.7	J B	23	1.2
108-10-1	methyl isobutyl ketone	5.7	U	5.7	0.63
100-42-5	Styrene	5.7	U	5.7	0.17
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	5.7	0.59
127-18-4	Tetrachloroethene	5.7	U	5.7	0.92
108-88-3	Toluene	0.16	J	5.7	0.084
71-55-6	1,1,1-Trichloroethane	5.7	U	5.7	0.60
79-00-5	1,1,2-Trichloroethane	5.7	U	5.7	0.42
79-01-6	Trichloroethene	5.7	U	5.7	0.92
75-01-4	Vinyl chloride	5.7	U	5.7	0.26
1330-20-7	Xylenes, Total	5.7	U	5.7	0.55
156-59-2	cis-1,2-Dichloroethene	5.7	U	5.7	0.42
156-60-5	trans-1,2-Dichloroethene	5.7	U	5.7	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 Lab Sample ID: 220-16030-2

Matrix: Solid Lab File ID: N3874.D

Analysis Method: 8260B Date Collected: 07/13/2011 10:00

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 19:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 12.4 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		59-132
460-00-4	4-Bromofluorobenzene	100		34-124
1868-53-7	Dibromofluoromethane	85		59-123
2037-26-5	Toluene-d8 (Surr)	89		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3874.D
Lab Smp Id: 220-16030-A-2 Client Smp ID: SB142B_3-4
Inj Date : 19-JUL-2011 19:06 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-2
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 31
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

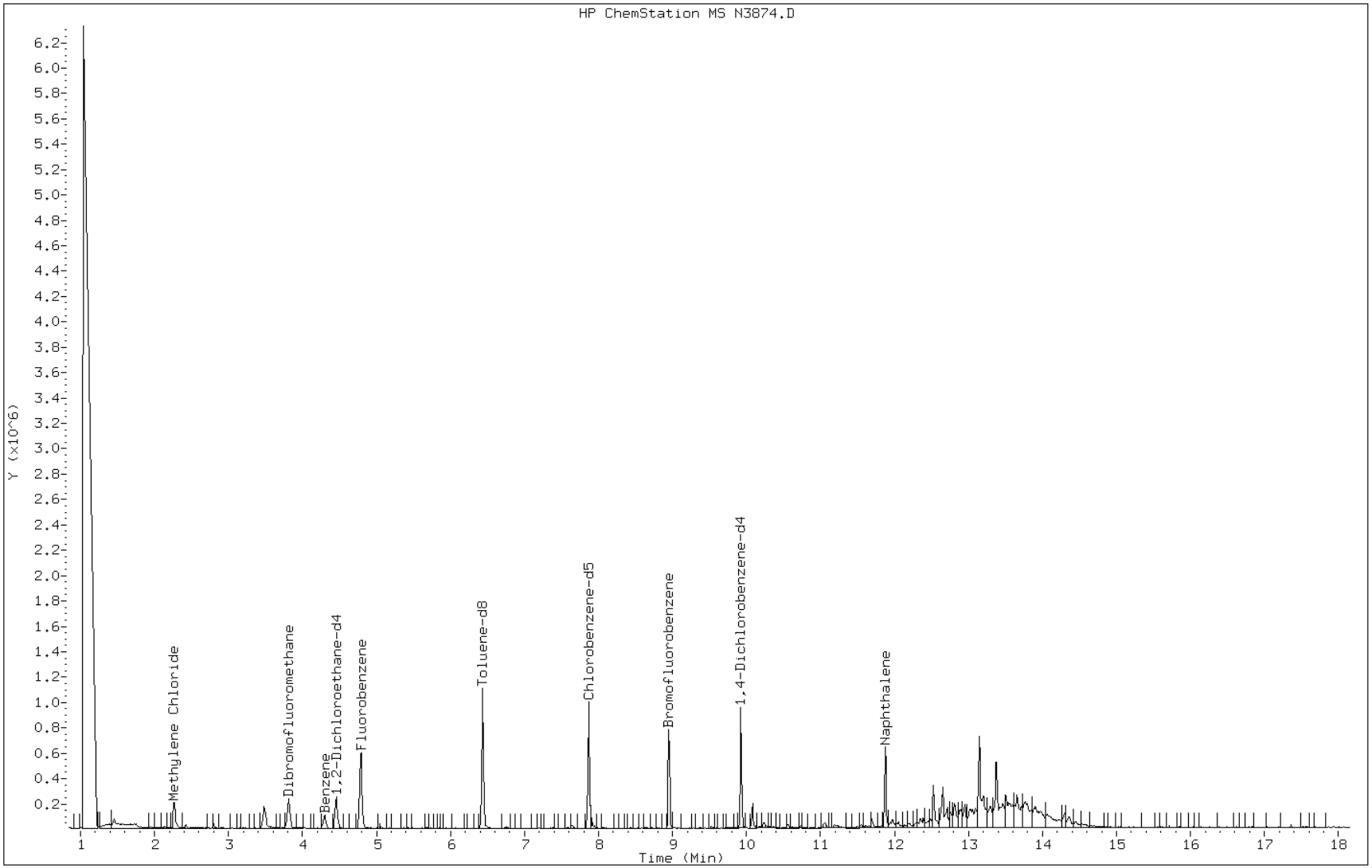
		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
*	1 Fluorobenzene	96	4.791	4.788	(1.000)	657712	25.0000	
	20 Methylene Chloride	84	2.269	2.266	(0.474)	73317	5.86402	6
	21 Acetone	43	2.288	2.296	(0.478)	53226	7.88253	8
$	41 Dibromofluoromethane	111	3.806	3.813	(0.794)	207758	21.3018	21
	52 Benzene	78	4.298	4.306	(0.897)	108707	3.07986	3
$	55 1,2-Dichloroethane-d4	65	4.456	4.463	(0.930)	180931	21.0577	21
*	75 Chlorobenzene-d5	117	7.864	7.872	(1.000)	549954	25.0000	
	76 Toluene	91	6.485	6.493	(0.825)	4952	0.13614	0.1
$	77 Toluene-d8	98	6.436	6.443	(0.818)	706762	22.3254	22
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	215934	25.0000	
	123 Naphthalene	128	11.874	11.882	(1.197)	400187	16.1930	16
$	125 Bromofluorobenzene	95	8.948	8.956	(0.902)	268817	25.0014	25

Data File: N3874.D

Date: 19-JUL-2011 19:06

Client ID: SB142B_3-4 Instrument: msn.i

Sample Info: 220-16030-A-2 Operator: D. HUMBERT



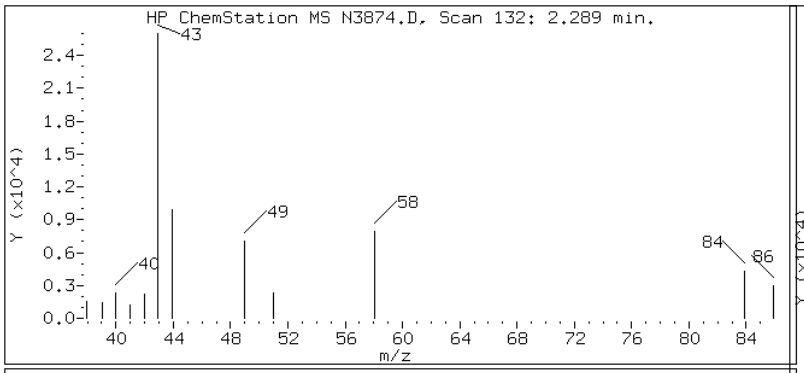
Data File: N3874.D

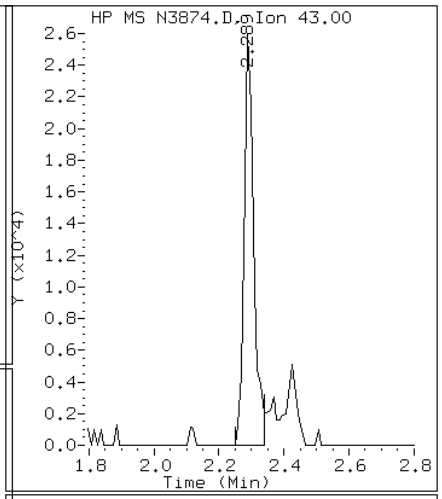
Date: 19-JUL-2011 19:06

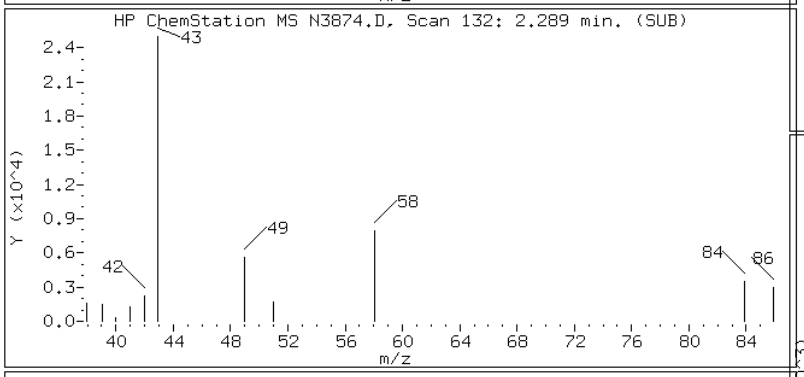
Client ID: SB142B_3-4 Instrument: msn.i

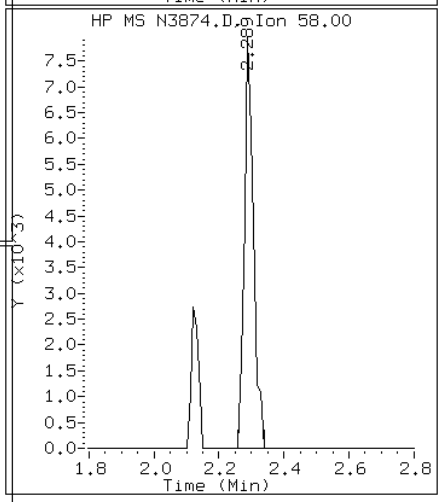
Sample Info: 220-16030-A-2 Operator: D. HUMBERT

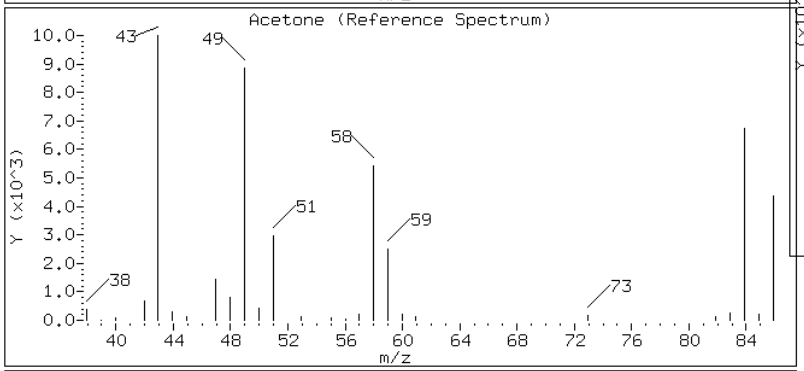
21 Acetone

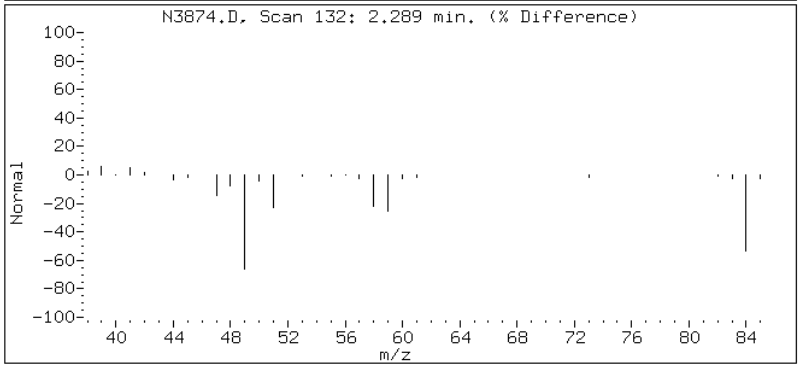












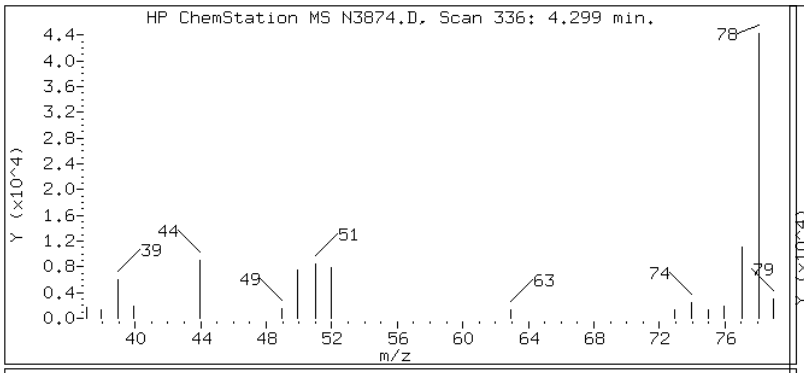
Data File: N3874.D

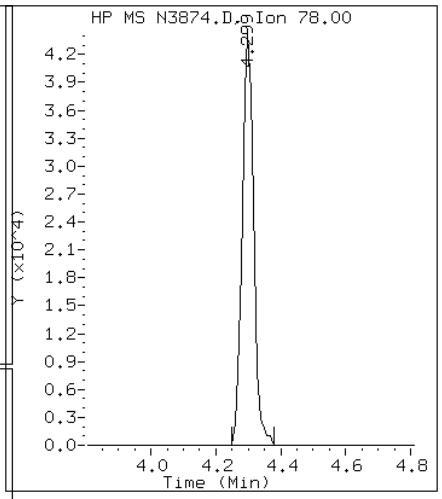
Date: 19-JUL-2011 19:06

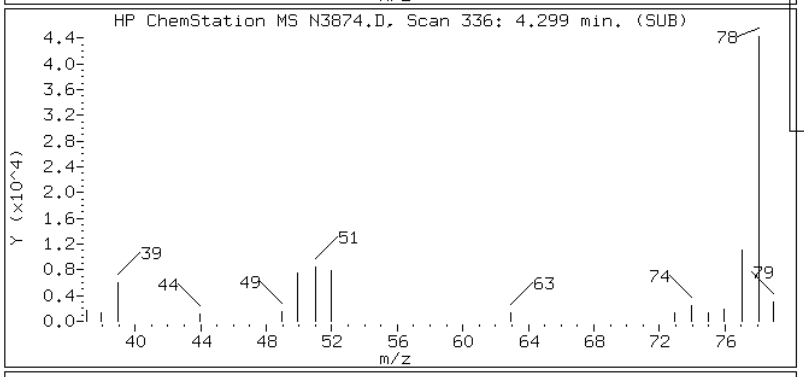
Client ID: SB142B_3-4 Instrument: msn.i

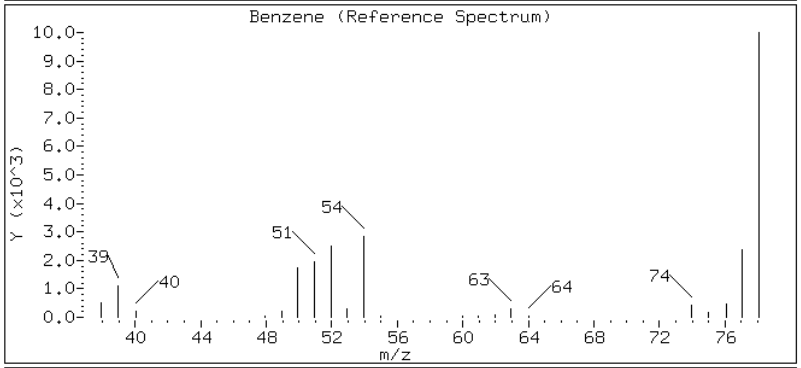
Sample Info: 220-16030-A-2 Operator: D. HUMBERT

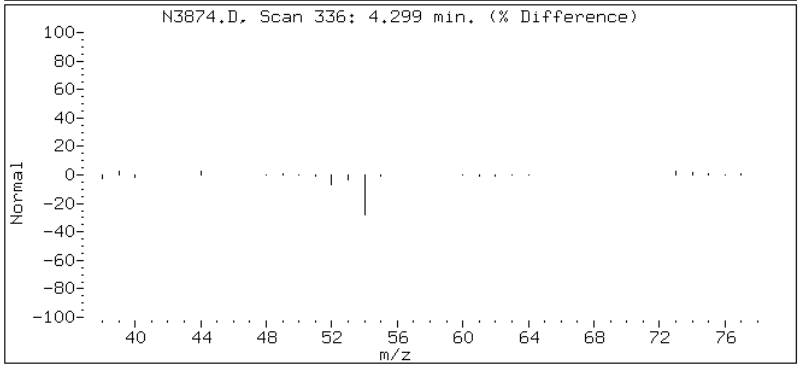
52 Benzene











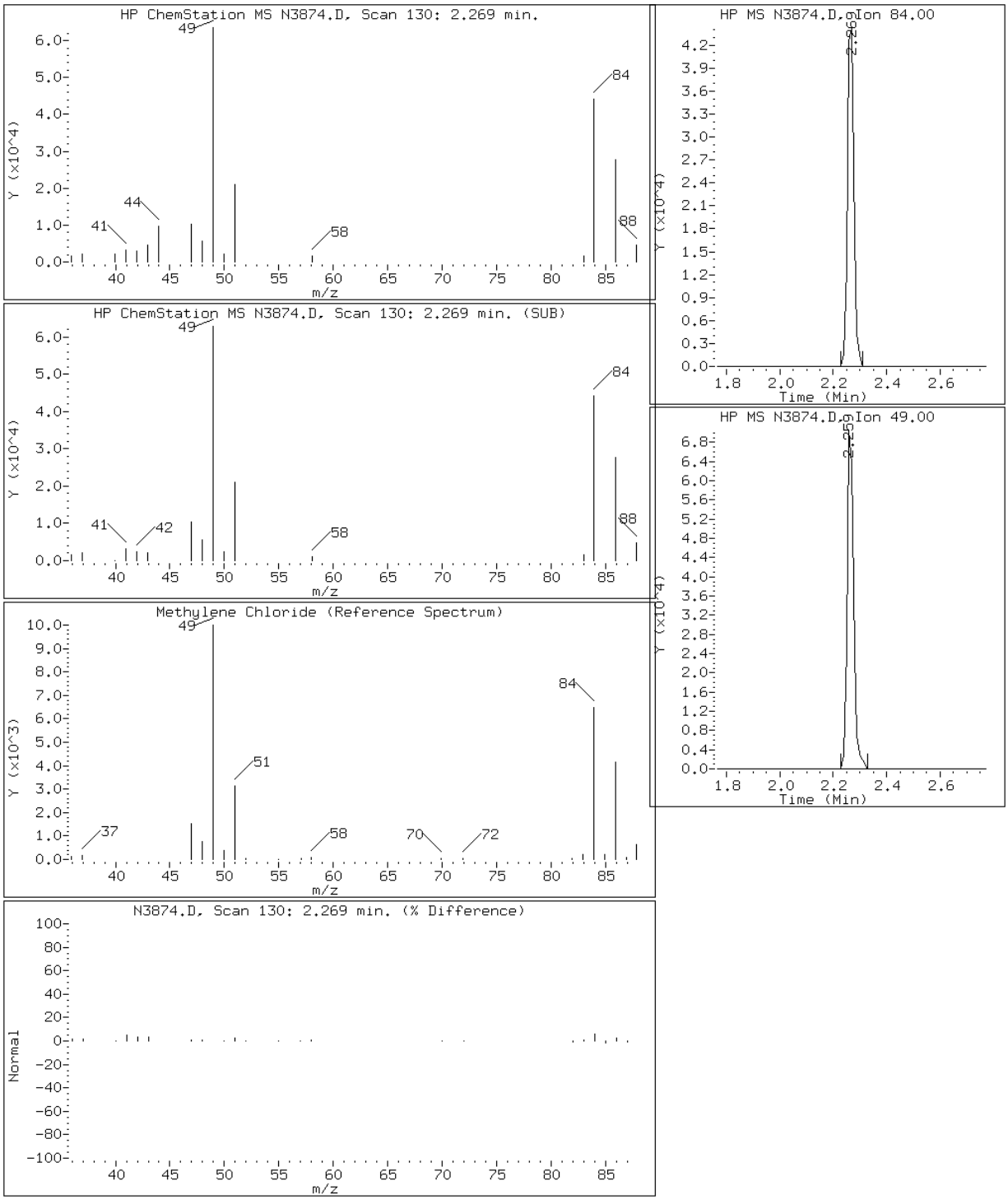
Data File: N3874.D

Date: 19-JUL-2011 19:06

Client ID: SB142B_3-4 Instrument: msn.i

Sample Info: 220-16030-A-2 Operator: D. HUMBERT

20 Methylene Chloride



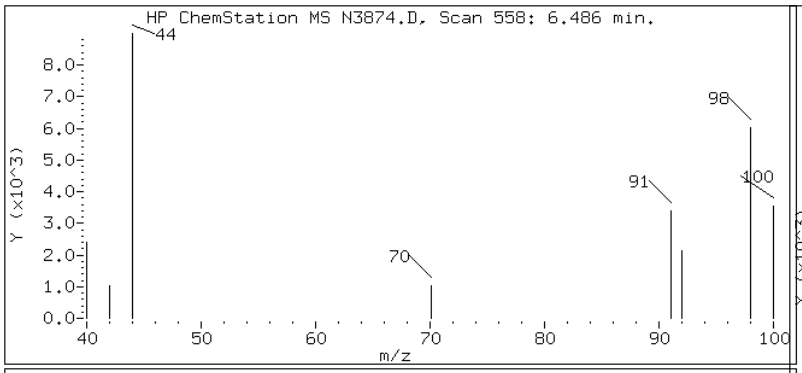
Data File: N3874.D

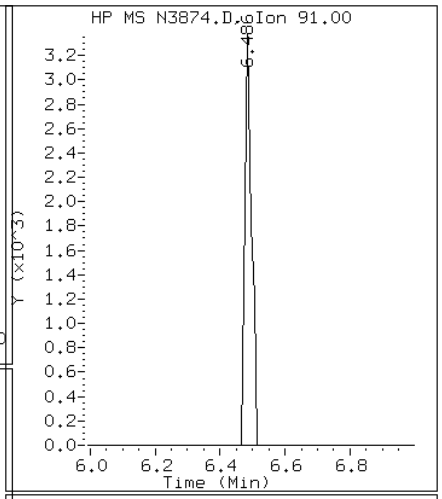
Date: 19-JUL-2011 19:06

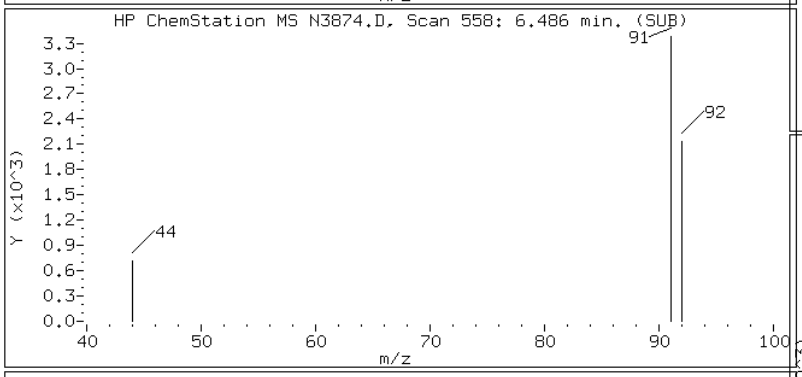
Client ID: SB142B_3-4 Instrument: msn.i

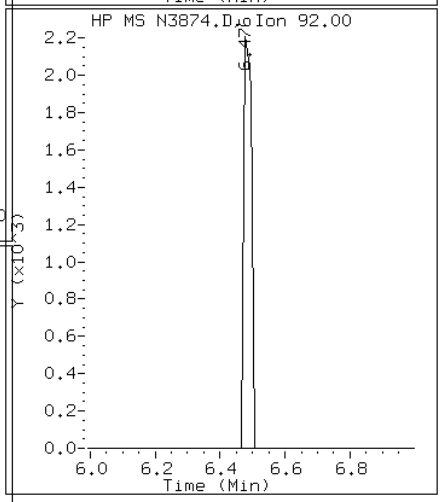
Sample Info: 220-16030-A-2 Operator: D. HUMBERT

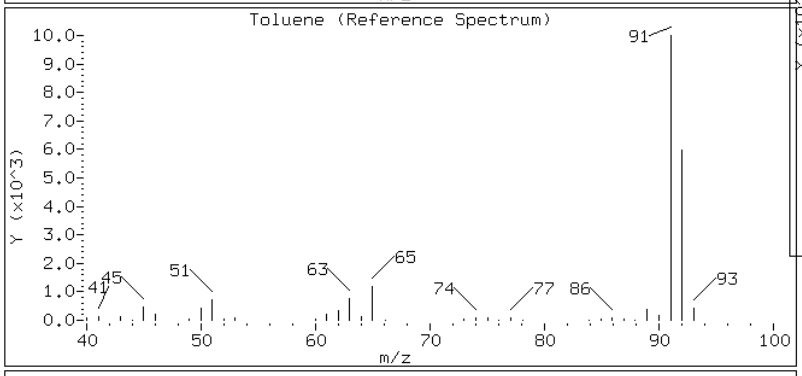
76 Toluene

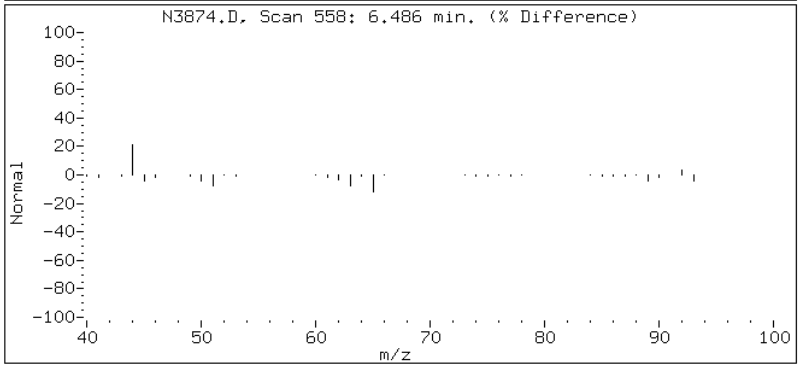












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: N3875.D

Analysis Method: 8260B | Date Collected: 07/14/2011 12:20

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 19:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 28.8 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	7.2	J B	28	3.1
71-43-2	Benzene	7.0	U	7.0	0.80
75-27-4	Bromodichloromethane	7.0	U	7.0	0.42
75-25-2	Bromoform	7.0	U	7.0	0.86
74-83-9	Bromomethane	7.0	U *	7.0	2.9
78-93-3	Methyl Ethyl Ketone	14	U	14	2.2
75-15-0	Carbon disulfide	7.0	U	7.0	0.58
56-23-5	Carbon tetrachloride	7.0	U	7.0	1.3
108-90-7	Chlorobenzene	7.0	U	7.0	0.83
75-00-3	Chloroethane	7.0	U	7.0	1.4
67-66-3	Chloroform	7.0	U	7.0	0.48
74-87-3	Chloromethane	7.0	U	7.0	1.1
124-48-1	Dibromochloromethane	7.0	U	7.0	0.49
75-34-3	1,1-Dichloroethane	7.0	U	7.0	0.42
107-06-2	1,2-Dichloroethane	7.0	U	7.0	0.82
75-35-4	1,1-Dichloroethene	7.0	U	7.0	0.82
78-87-5	1,2-Dichloropropane	7.0	U	7.0	0.94
10061-01-5	cis-1,3-Dichloropropene	7.0	U	7.0	0.79
10061-02-6	trans-1,3-Dichloropropene	7.0	U	7.0	0.38
100-41-4	Ethylbenzene	7.0	U	7.0	0.98
591-78-6	2-Hexanone	14	U	14	1.7
75-09-2	Methylene Chloride	11	J B	28	1.5
108-10-1	methyl isobutyl ketone	7.0	U	7.0	0.77
100-42-5	Styrene	7.0	U	7.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	7.0	U	7.0	0.73
127-18-4	Tetrachloroethene	7.0	U	7.0	1.1
108-88-3	Toluene	0.37	J	7.0	0.10
71-55-6	1,1,1-Trichloroethane	7.0	U	7.0	0.74
79-00-5	1,1,2-Trichloroethane	7.0	U	7.0	0.52
79-01-6	Trichloroethene	7.0	U	7.0	1.1
75-01-4	Vinyl chloride	7.0	U	7.0	0.32
1330-20-7	Xylenes, Total	7.0	U	7.0	0.68
156-59-2	cis-1,2-Dichloroethene	7.0	U	7.0	0.52
156-60-5	trans-1,2-Dichloroethene	7.0	U	7.0	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 Lab Sample ID: 220-16030-3

Matrix: Solid Lab File ID: N3875.D

Analysis Method: 8260B Date Collected: 07/14/2011 12:20

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 19:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 28.8 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		59-132
460-00-4	4-Bromofluorobenzene	100		34-124
1868-53-7	Dibromofluoromethane	86		59-123
2037-26-5	Toluene-d8 (Surr)	92		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3875.D
Lab Smp Id: 220-16030-A-3 Client Smp ID: SB142B_22-22.5
Inj Date : 19-JUL-2011 19:32 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-3
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

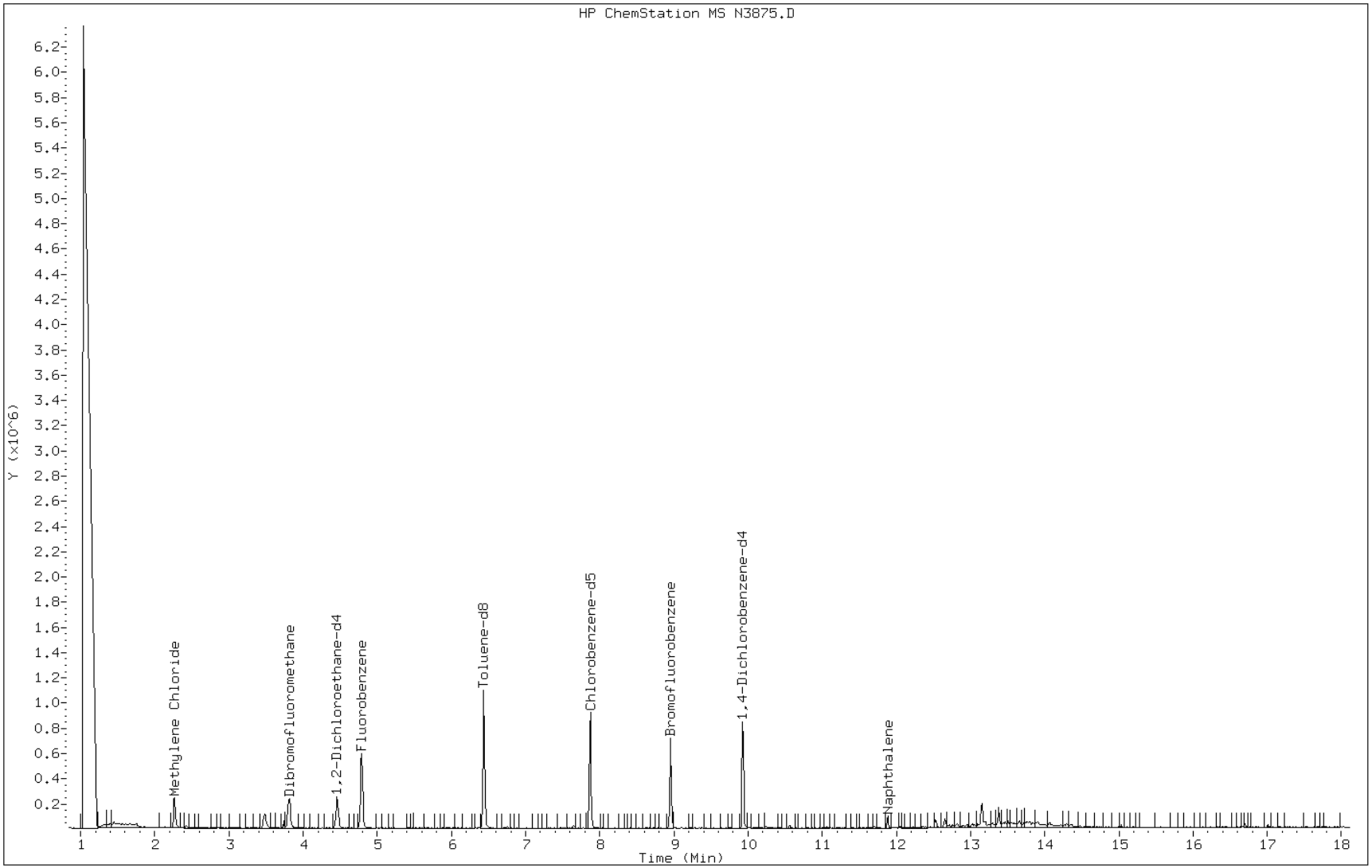
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	625570	25.0000	
	20 Methylene Chloride	84	2.268	2.266	(0.474)	89068	7.48984	7
	21 Acetone	43	2.288	2.296	(0.478)	32991	5.13685	5
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	200544	21.6187	22
$	55 1,2-Dichloroethane-d4	65	4.455	4.463	(0.930)	177521	21.7224	22
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	518070	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	9071	0.26473	0.3
$	77 Toluene-d8	98	6.435	6.443	(0.817)	683078	22.9052	23
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	206418	25.0000	
	123 Naphthalene	128	11.883	11.882	(1.198)	69106	2.92518	3
$	125 Bromofluorobenzene	95	8.957	8.956	(0.903)	257810	25.0831	25

Data File: N3875.D

Date: 19-JUL-2011 19:32

Client ID: SB142B_22-22.5 Instrument: msn.i

Sample Info: 220-16030-A-3 Operator: D. HUMBERT



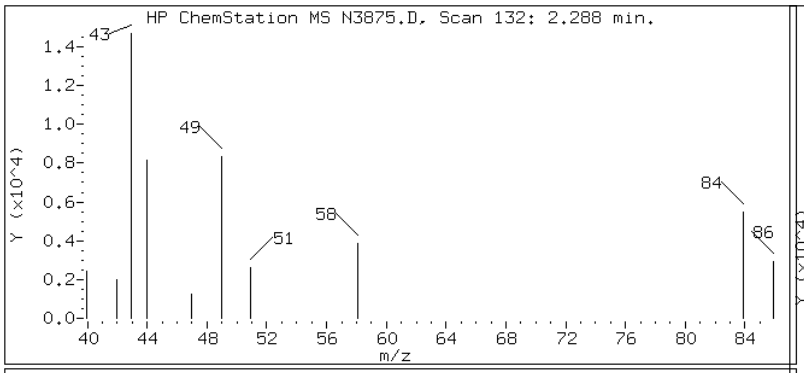
Data File: N3875.D

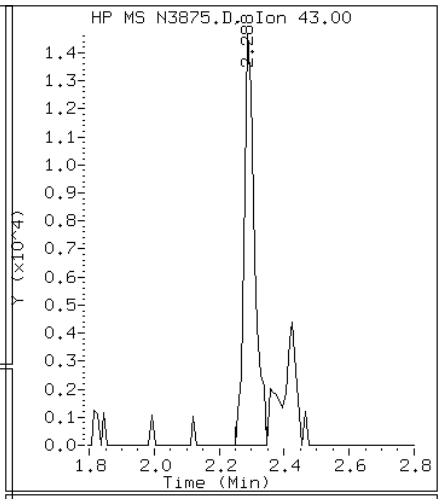
Date: 19-JUL-2011 19:32

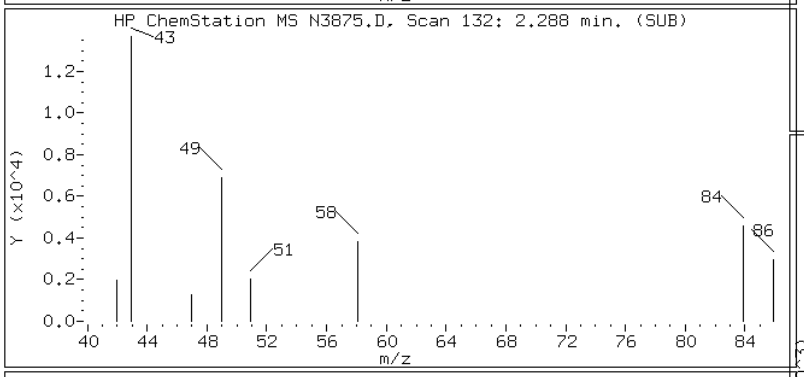
Client ID: SB142B_22-22.5 Instrument: msn.i

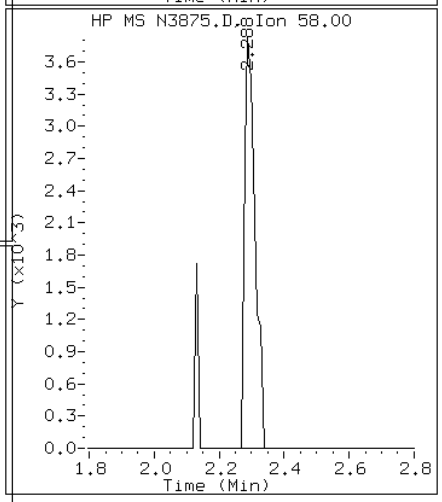
Sample Info: 220-16030-A-3 Operator: D. HUMBERT

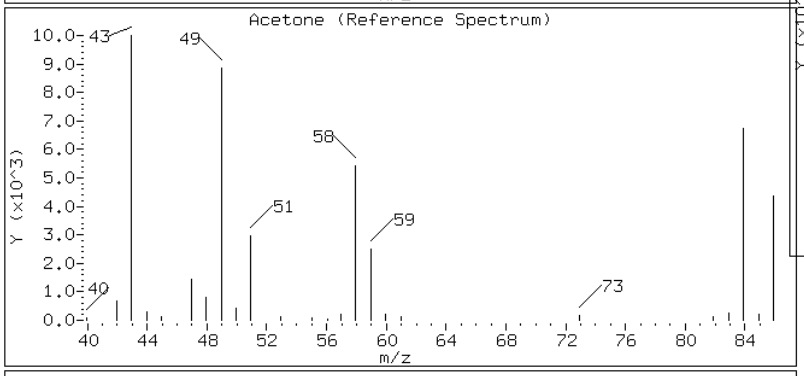
21 Acetone

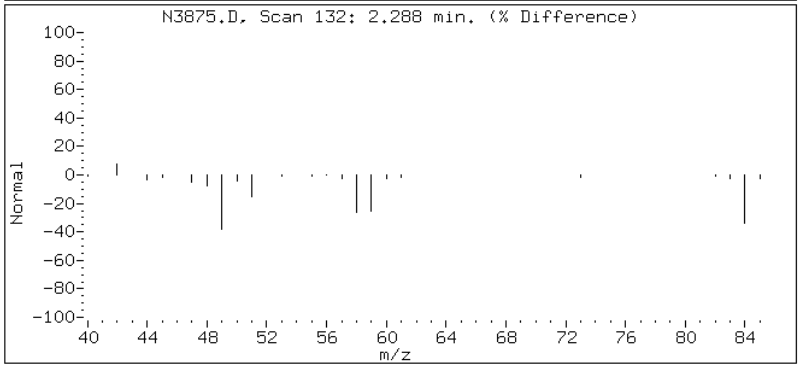












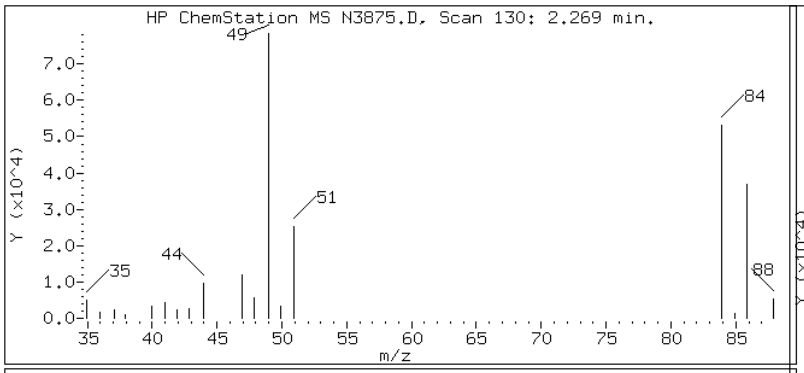
Data File: N3875.D

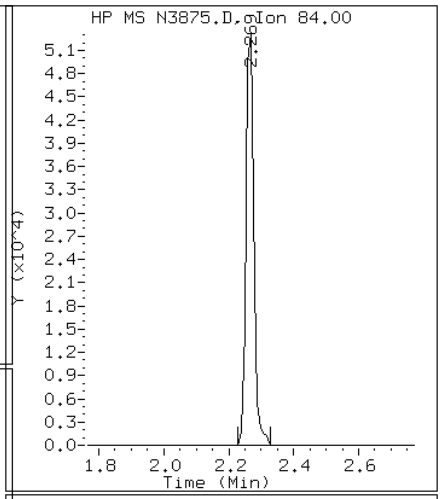
Date: 19-JUL-2011 19:32

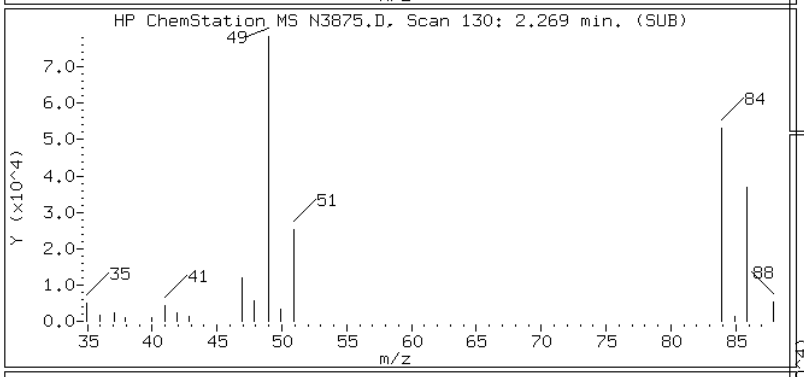
Client ID: SB142B_22-22.5 Instrument: msn.i

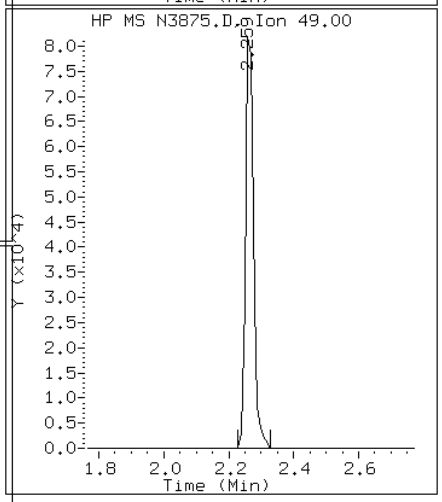
Sample Info: 220-16030-A-3 Operator: D. HUMBERT

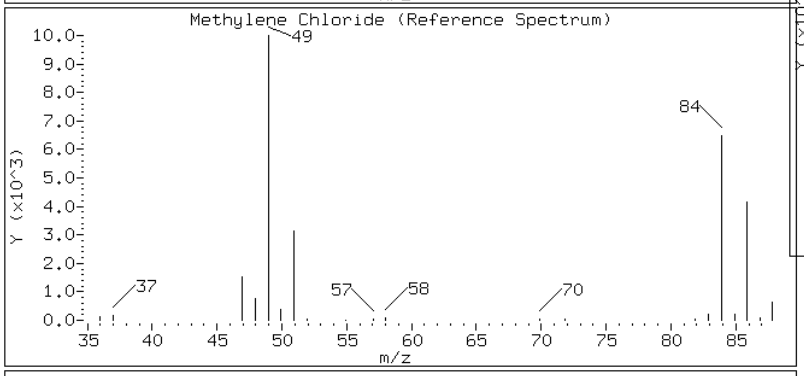
20 Methylene Chloride

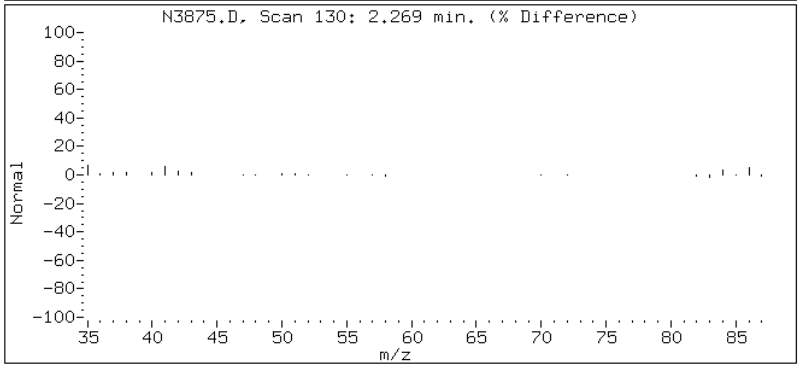












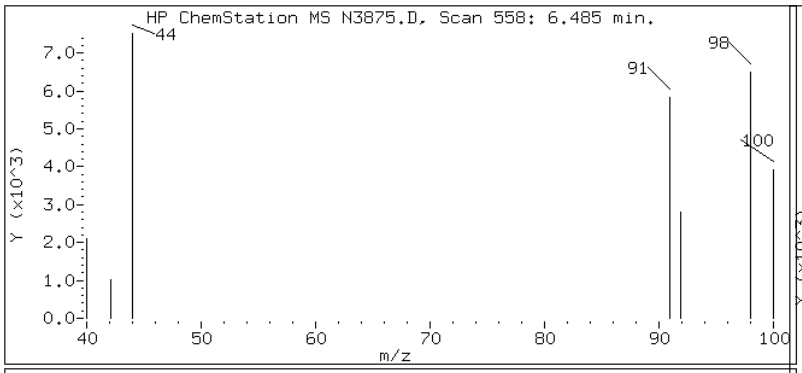
Data File: N3875.D

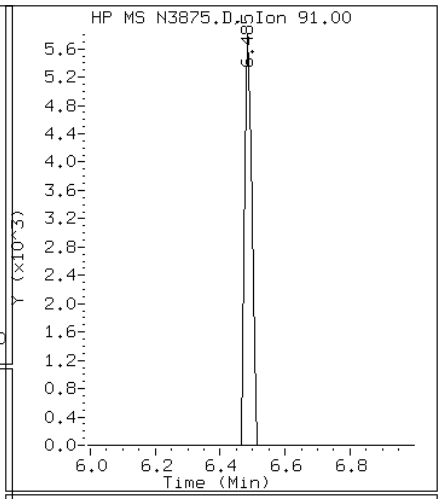
Date: 19-JUL-2011 19:32

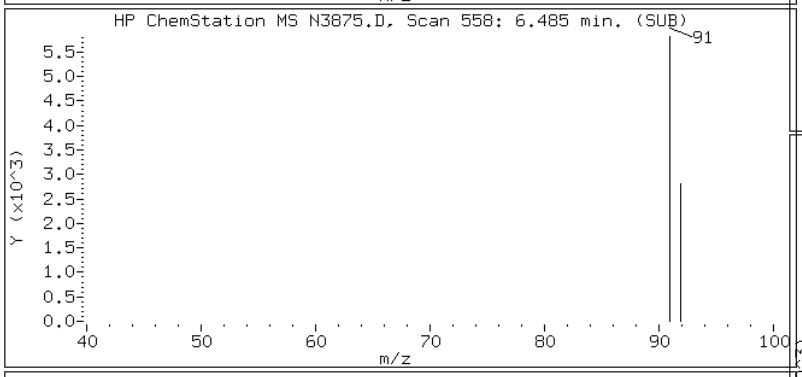
Client ID: SB142B_22-22.5 Instrument: msn.i

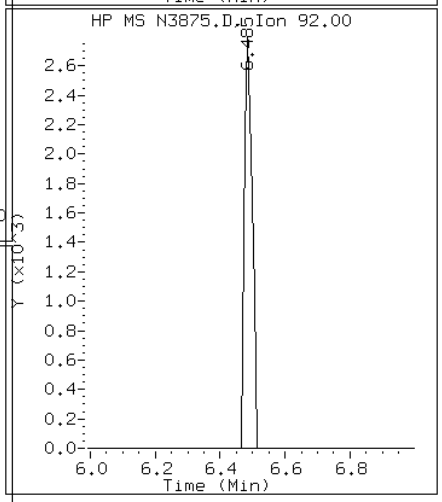
Sample Info: 220-16030-A-3 Operator: D. HUMBERT

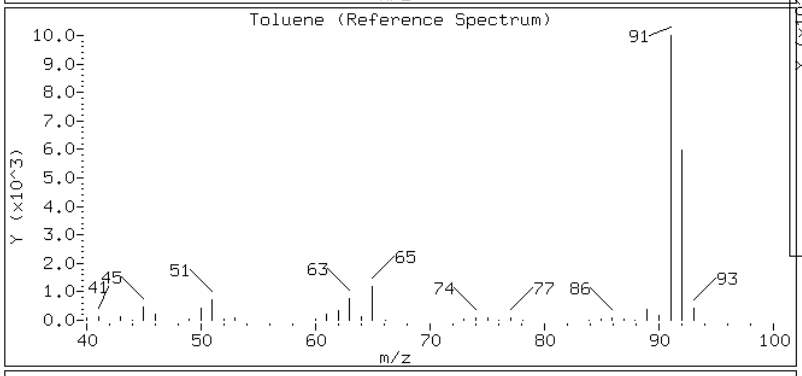
76 Toluene

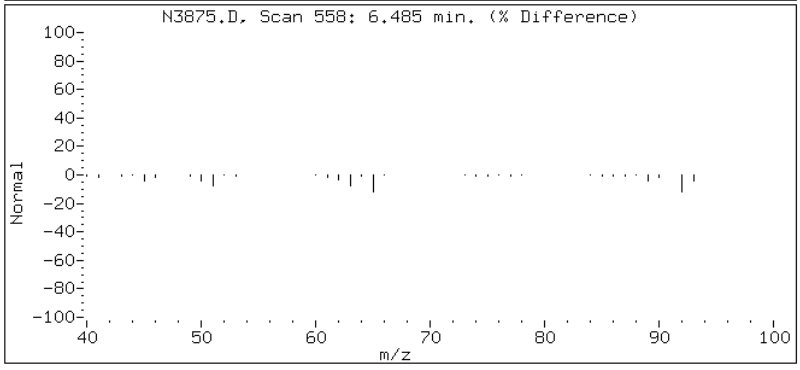












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 | Lab Sample ID: 220-16030-4

Matrix: Solid | Lab File ID: N3876.D

Analysis Method: 8260B | Date Collected: 07/14/2011 15:30

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 19:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 20.0 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.9	J B	25	2.8
71-43-2	Benzene	6.3	U	6.3	0.71
75-27-4	Bromodichloromethane	6.3	U	6.3	0.38
75-25-2	Bromoform	6.3	U	6.3	0.76
74-83-9	Bromomethane	6.3	U *	6.3	2.6
78-93-3	Methyl Ethyl Ketone	13	U	13	2.0
75-15-0	Carbon disulfide	6.3	U	6.3	0.51
56-23-5	Carbon tetrachloride	6.3	U	6.3	1.2
108-90-7	Chlorobenzene	6.3	U	6.3	0.74
75-00-3	Chloroethane	6.3	U	6.3	1.2
67-66-3	Chloroform	6.3	U	6.3	0.43
74-87-3	Chloromethane	6.3	U	6.3	0.98
124-48-1	Dibromochloromethane	6.3	U	6.3	0.44
75-34-3	1,1-Dichloroethane	6.3	U	6.3	0.38
107-06-2	1,2-Dichloroethane	6.3	U	6.3	0.73
75-35-4	1,1-Dichloroethene	6.3	U	6.3	0.73
78-87-5	1,2-Dichloropropane	6.3	U	6.3	0.84
10061-01-5	cis-1,3-Dichloropropene	6.3	U	6.3	0.70
10061-02-6	trans-1,3-Dichloropropene	6.3	U	6.3	0.34
100-41-4	Ethylbenzene	6.3	U	6.3	0.88
591-78-6	2-Hexanone	13	U	13	1.5
75-09-2	Methylene Chloride	8.3	J B	25	1.4
108-10-1	methyl isobutyl ketone	6.3	U	6.3	0.69
100-42-5	Styrene	6.3	U	6.3	0.19
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	6.3	0.65
127-18-4	Tetrachloroethene	6.3	U	6.3	1.0
108-88-3	Toluene	0.15	J	6.3	0.093
71-55-6	1,1,1-Trichloroethane	6.3	U	6.3	0.66
79-00-5	1,1,2-Trichloroethane	6.3	U	6.3	0.46
79-01-6	Trichloroethene	6.3	U	6.3	1.0
75-01-4	Vinyl chloride	6.3	U	6.3	0.29
1330-20-7	Xylenes, Total	6.3	U	6.3	0.61
156-59-2	cis-1,2-Dichloroethene	6.3	U	6.3	0.46
156-60-5	trans-1,2-Dichloroethene	6.3	U	6.3	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 Lab Sample ID: 220-16030-4

Matrix: Solid Lab File ID: N3876.D

Analysis Method: 8260B Date Collected: 07/14/2011 15:30

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 19:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 20.0 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		59-132
460-00-4	4-Bromofluorobenzene	95		34-124
1868-53-7	Dibromofluoromethane	84		59-123
2037-26-5	Toluene-d8 (Surr)	92		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3876.D
Lab Smp Id: 220-16030-A-4 Client Smp ID: SB-143 3-4
Inj Date : 19-JUL-2011 19:57 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-4
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

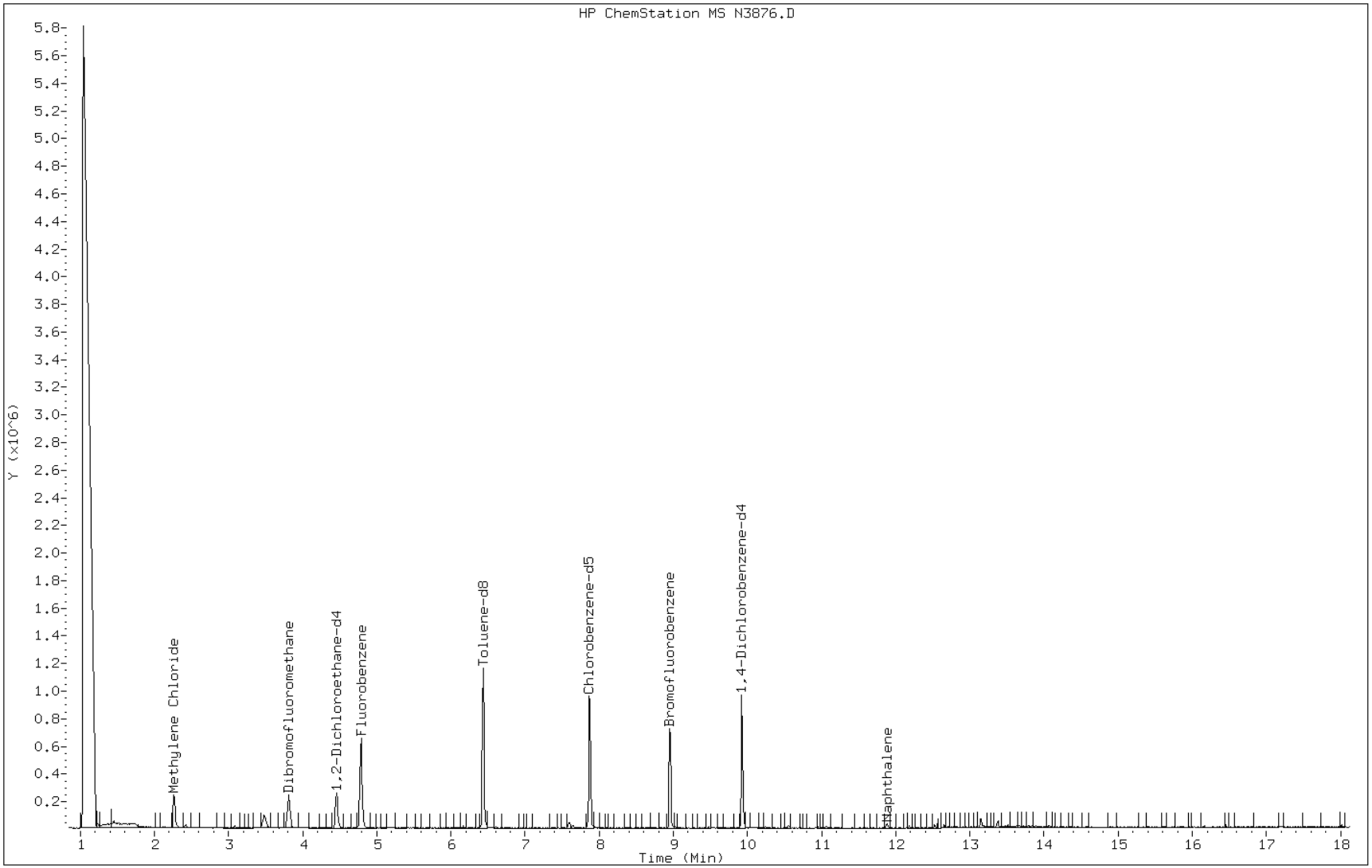
		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
*	1 Fluorobenzene	96	4.791	4.788	(1.000)	678005	25.0000	
	20 Methylene Chloride	84	2.259	2.266	(0.472)	85542	6.63702	7
	21 Acetone	43	2.289	2.296	(0.478)	32967	4.73614	5
$	41 Dibromofluoromethane	111	3.816	3.813	(0.796)	211014	20.9881	21
$	55 1,2-Dichloroethane-d4	65	4.456	4.463	(0.930)	185069	20.8946	21
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	552801	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	4274	0.11689	0.1
$	77 Toluene-d8	98	6.436	6.443	(0.817)	728663	22.8987	23
*	95 1,4-Dichlorobenzene-d4	152	9.924	9.931	(1.000)	226407	25.0000	
	123 Naphthalene	128	11.884	11.882	(1.198)	25851	0.99764	1.0
$	125 Bromofluorobenzene	95	8.948	8.956	(0.902)	266400	23.6305	24

Data File: N3876.D

Date: 19-JUL-2011 19:57

Client ID: SB-143 3-4 Instrument: msn.i

Sample Info: 220-16030-A-4 Operator: D. HUMBERT



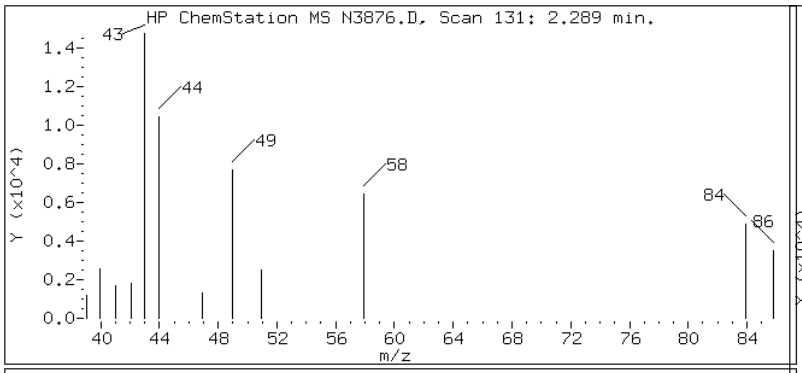
Data File: N3876.D

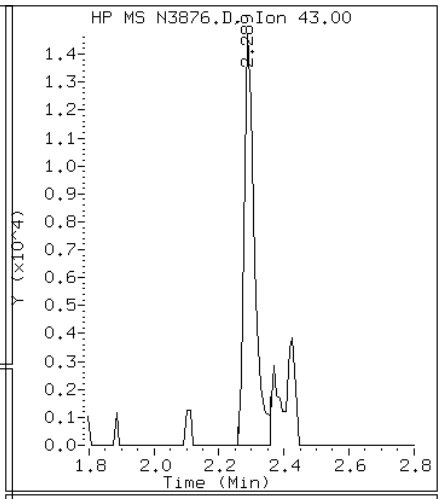
Date: 19-JUL-2011 19:57

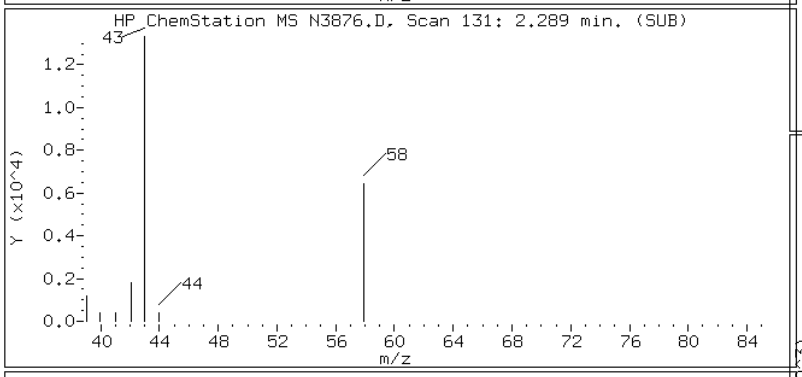
Client ID: SB-143 3-4 Instrument: msn.i

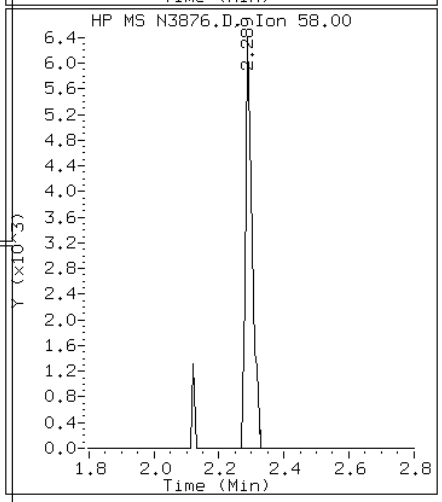
Sample Info: 220-16030-A-4 Operator: D. HUMBERT

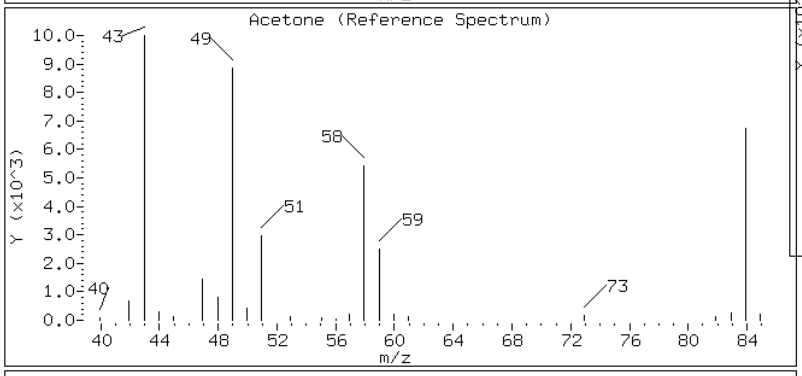
21 Acetone

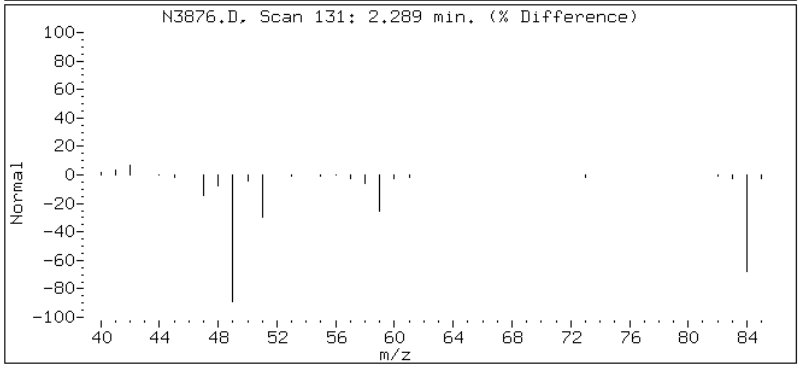












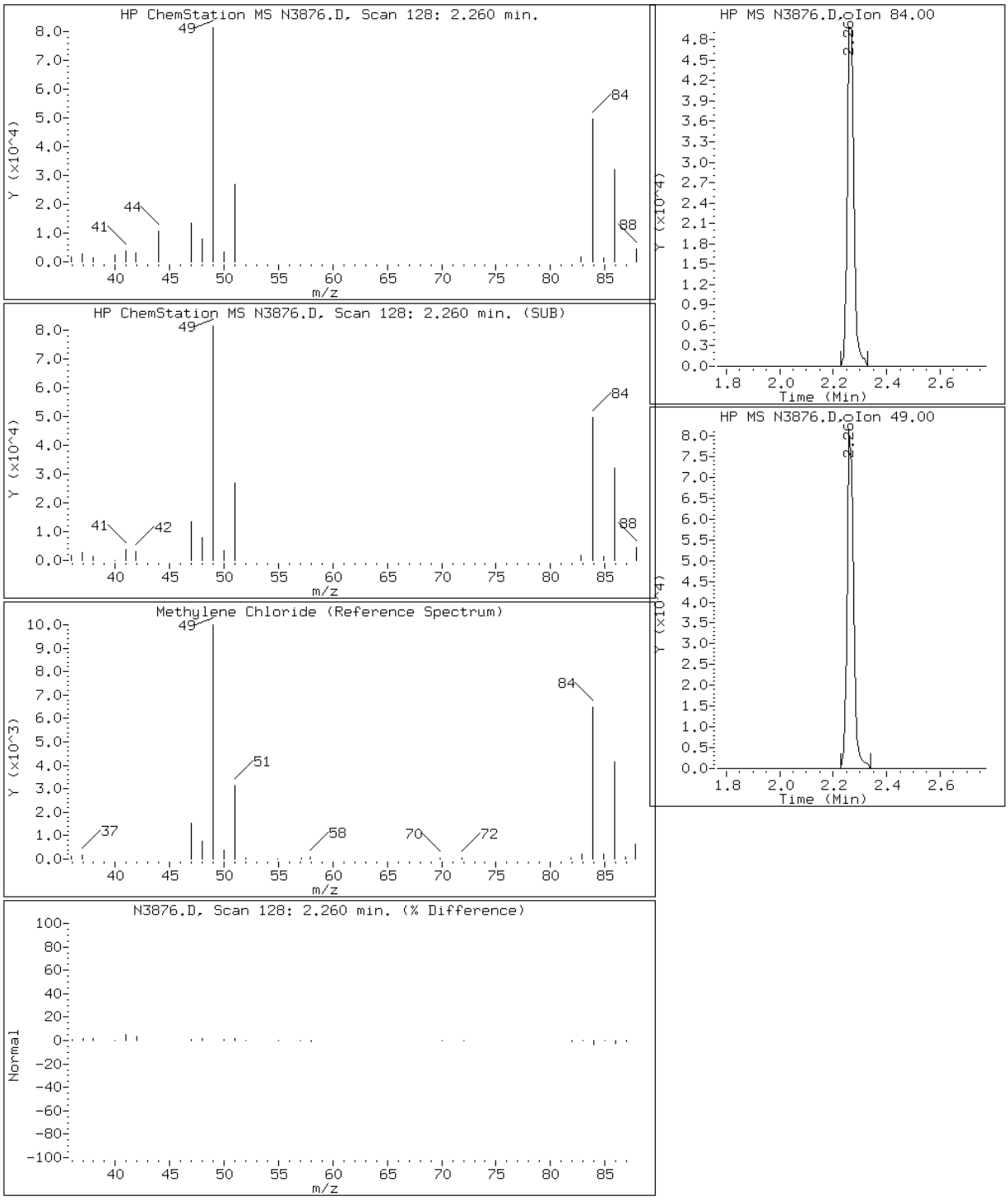
Data File: N3876.D

Date: 19-JUL-2011 19:57

Client ID: SB-143 3-4 Instrument: msn.i

Sample Info: 220-16030-A-4 Operator: D. HUMBERT

20 Methylene Chloride



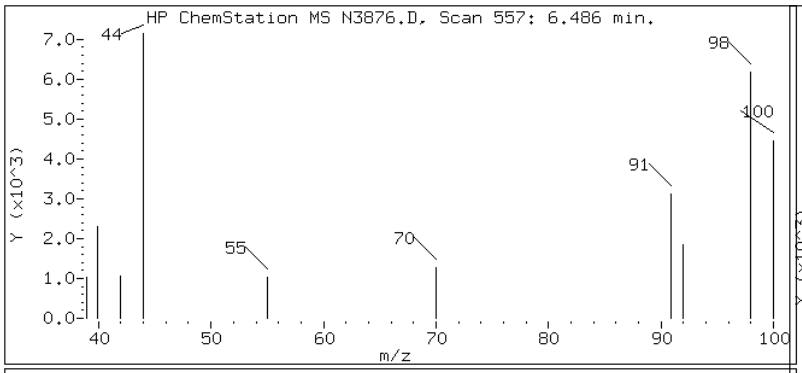
Data File: N3876.D

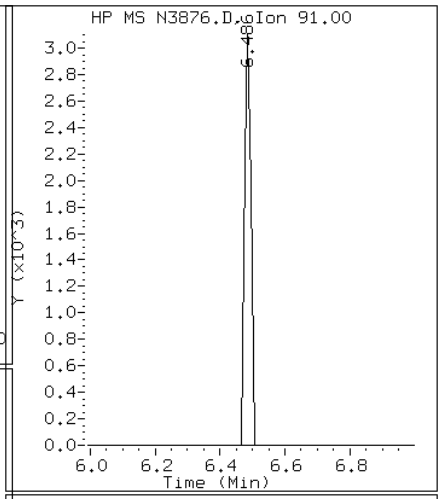
Date: 19-JUL-2011 19:57

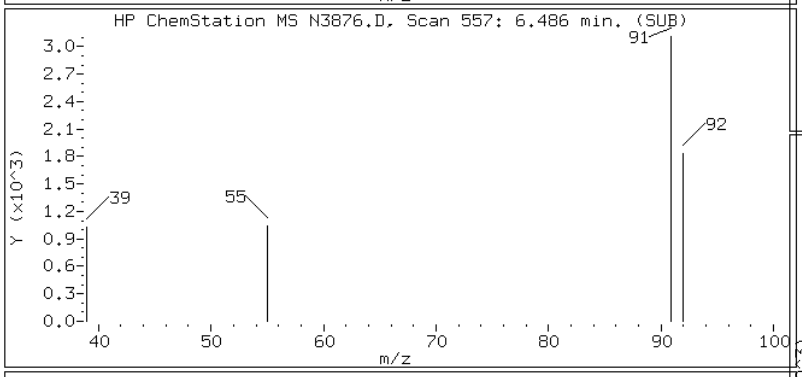
Client ID: SB-143 3-4 Instrument: msn.i

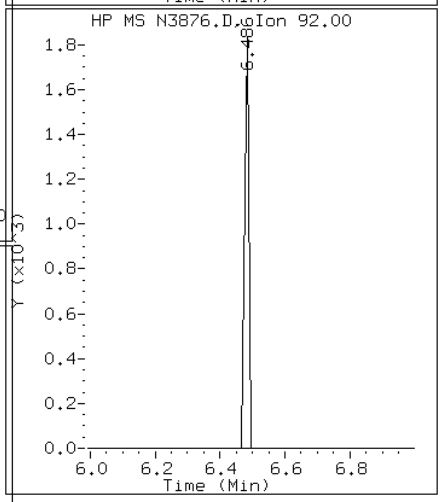
Sample Info: 220-16030-A-4 Operator: D. HUMBERT

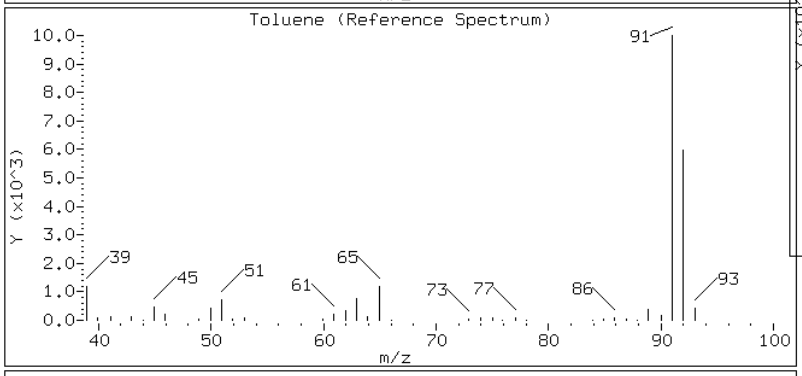
76 Toluene

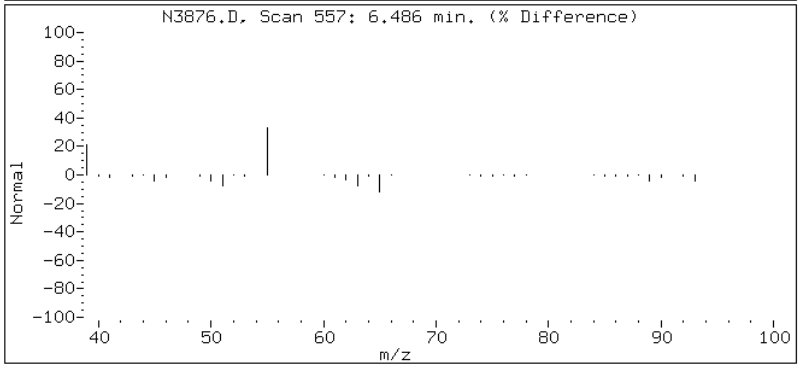












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: N3877.D

Analysis Method: 8260B | Date Collected: 07/14/2011 22:30

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 20:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.4 | Level: (low/med) Low

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	3.7	J B	24	2.7
71-43-2	Benzene	6.0	U	6.0	0.68
75-27-4	Bromodichloromethane	6.0	U	6.0	0.36
75-25-2	Bromoform	6.0	U	6.0	0.73
74-83-9	Bromomethane	6.0	U *	6.0	2.5
78-93-3	Methyl Ethyl Ketone	12	U	12	1.9
75-15-0	Carbon disulfide	6.0	U	6.0	0.49
56-23-5	Carbon tetrachloride	6.0	U	6.0	1.1
108-90-7	Chlorobenzene	6.0	U	6.0	0.71
75-00-3	Chloroethane	6.0	U	6.0	1.2
67-66-3	Chloroform	6.0	U	6.0	0.41
74-87-3	Chloromethane	6.0	U	6.0	0.93
124-48-1	Dibromochloromethane	6.0	U	6.0	0.42
75-34-3	1,1-Dichloroethane	6.0	U	6.0	0.36
107-06-2	1,2-Dichloroethane	6.0	U	6.0	0.69
75-35-4	1,1-Dichloroethene	6.0	U	6.0	0.69
78-87-5	1,2-Dichloropropane	6.0	U	6.0	0.80
10061-01-5	cis-1,3-Dichloropropene	6.0	U	6.0	0.67
10061-02-6	trans-1,3-Dichloropropene	6.0	U	6.0	0.32
100-41-4	Ethylbenzene	6.0	U	6.0	0.84
591-78-6	2-Hexanone	12	U	12	1.4
75-09-2	Methylene Chloride	9.1	J B	24	1.3
108-10-1	methyl isobutyl ketone	6.0	U	6.0	0.66
100-42-5	Styrene	6.0	U	6.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	6.0	0.62
127-18-4	Tetrachloroethene	6.0	U	6.0	0.97
108-88-3	Toluene	0.14	J	6.0	0.089
71-55-6	1,1,1-Trichloroethane	6.0	U	6.0	0.63
79-00-5	1,1,2-Trichloroethane	6.0	U	6.0	0.44
79-01-6	Trichloroethene	6.0	U	6.0	0.97
75-01-4	Vinyl chloride	6.0	U	6.0	0.28
1330-20-7	Xylenes, Total	6.0	U	6.0	0.58
156-59-2	cis-1,2-Dichloroethene	6.0	U	6.0	0.44
156-60-5	trans-1,2-Dichloroethene	6.0	U	6.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 Lab Sample ID: 220-16030-5

Matrix: Solid Lab File ID: N3877.D

Analysis Method: 8260B Date Collected: 07/14/2011 22:30

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 20:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.4 Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		59-132
460-00-4	4-Bromofluorobenzene	101		34-124
1868-53-7	Dibromofluoromethane	85		59-123
2037-26-5	Toluene-d8 (Surr)	91		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3877.D
Lab Smp Id: 220-16030-A-5 Client Smp ID: SB-143 32-33
Inj Date : 19-JUL-2011 20:23 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : 220-16030-A-5
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

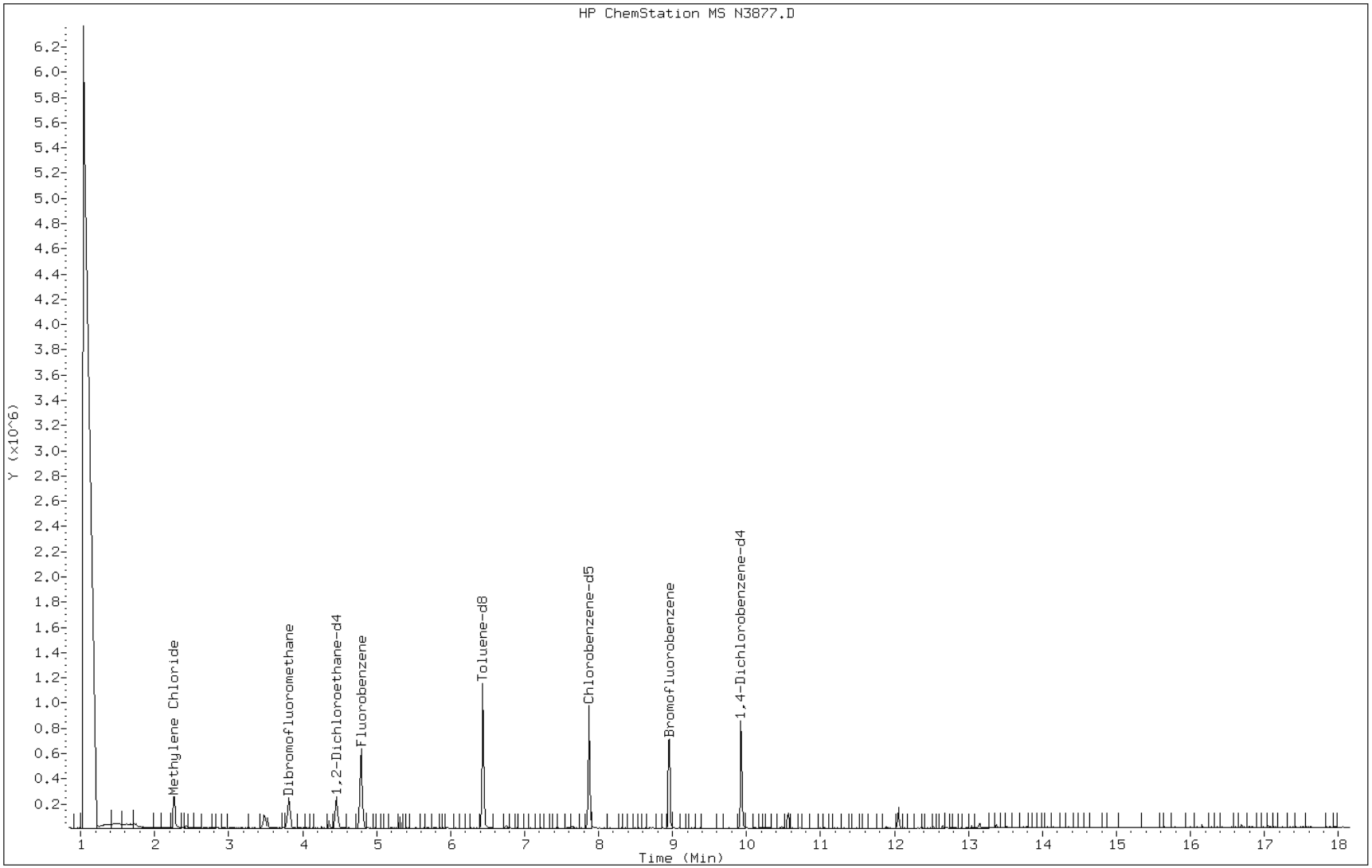
		QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/kg)	(ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	660447	25.0000	
	20 Methylene Chloride	84	2.268	2.266	(0.474)	95352	7.59484	8
	21 Acetone	43	2.288	2.296	(0.478)	20951	3.08990	3
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	207061	21.1424	21
$	55 1,2-Dichloroethane-d4	65	4.456	4.463	(0.930)	178465	20.6847	21
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	544443	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	4158	0.11547	0.1
$	77 Toluene-d8	98	6.436	6.443	(0.817)	709460	22.6375	23
*	95 1,4-Dichlorobenzene-d4	152	9.923	9.931	(1.000)	207027	25.0000	
$	125 Bromofluorobenzene	95	8.948	8.956	(0.902)	260868	25.3059	25

Data File: N3877.D

Date: 19-JUL-2011 20:23

Client ID: SB-143 32-33 Instrument: msn.i

Sample Info: 220-16030-A-5 Operator: D. HUMBERT



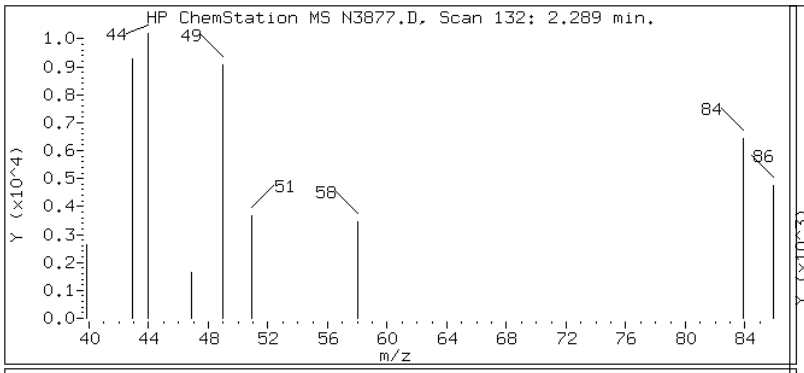
Data File: N3877.D

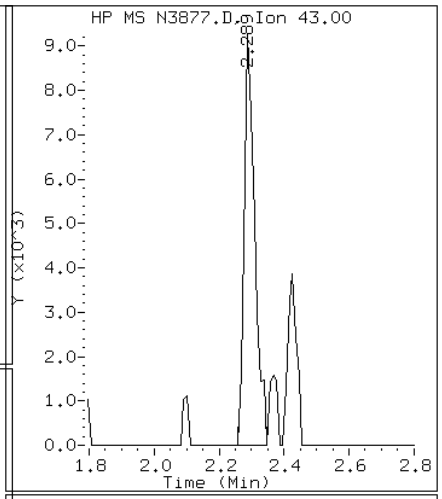
Date: 19-JUL-2011 20:23

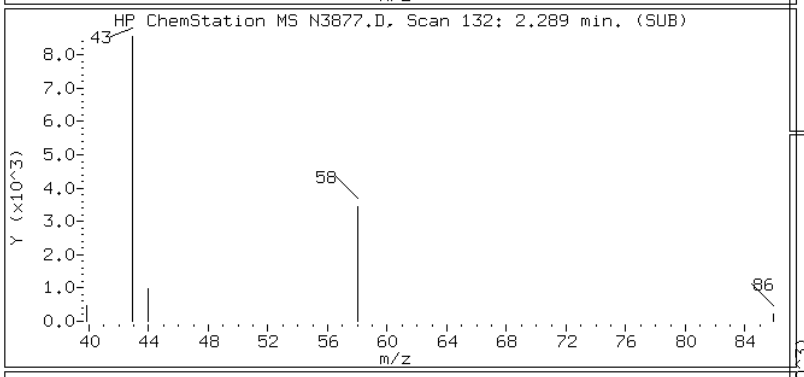
Client ID: SB-143 32-33 Instrument: msn.i

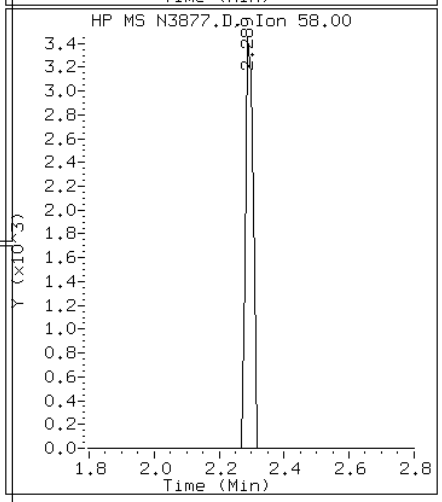
Sample Info: 220-16030-A-5 Operator: D. HUMBERT

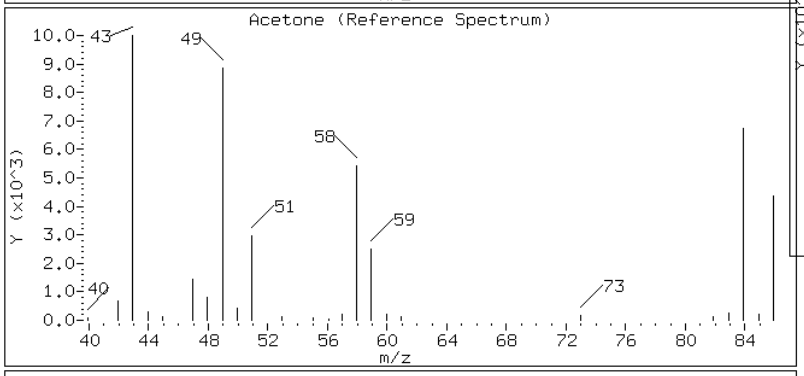
21 Acetone

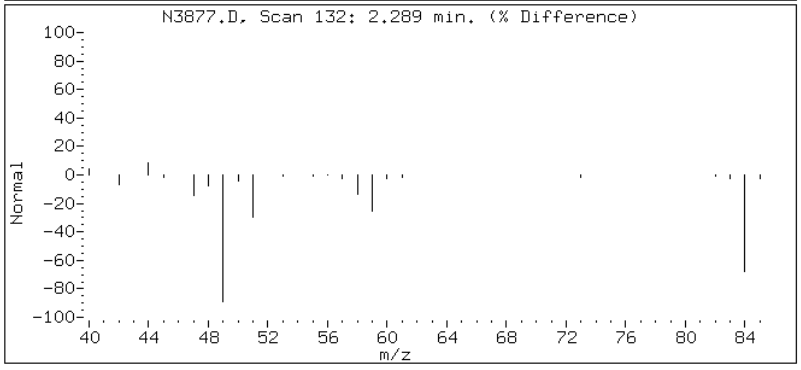












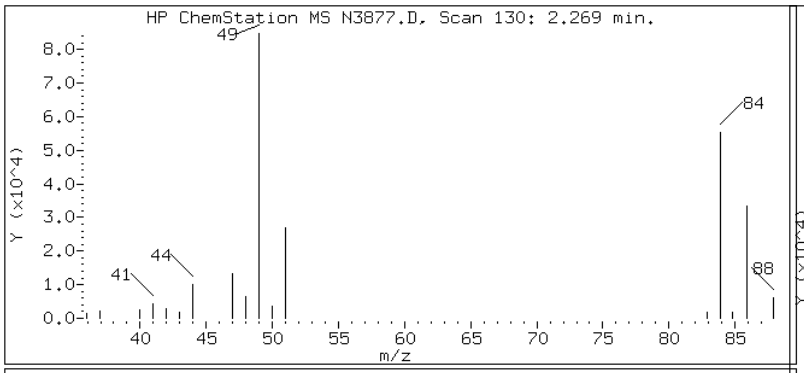
Data File: N3877.D

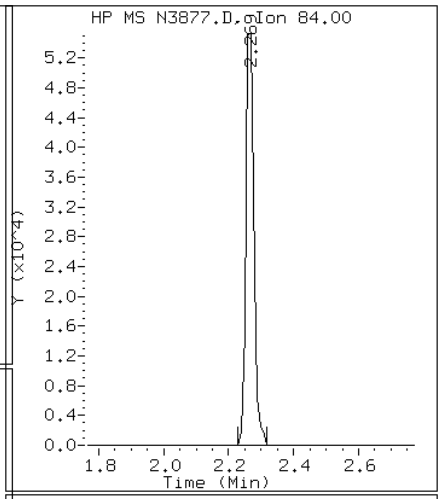
Date: 19-JUL-2011 20:23

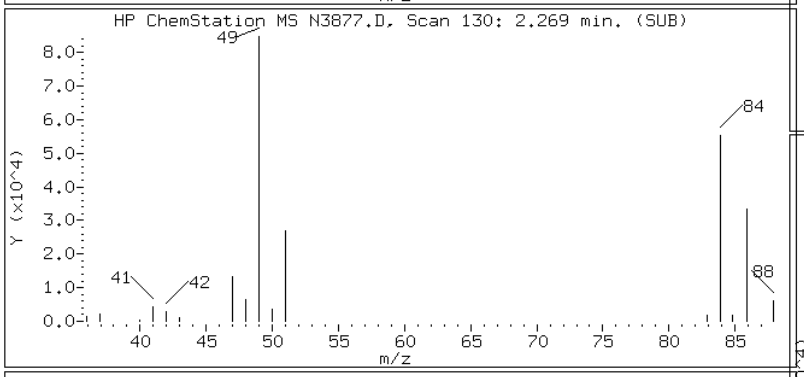
Client ID: SB-143 32-33 Instrument: msn.i

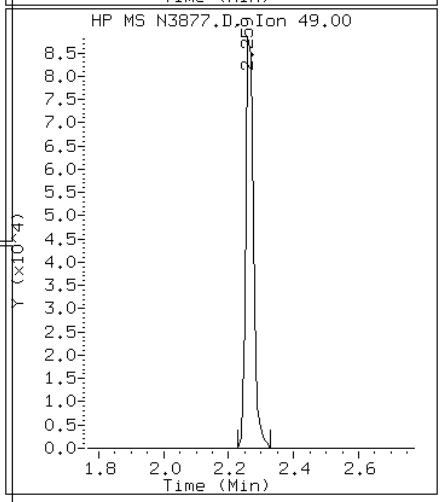
Sample Info: 220-16030-A-5 Operator: D. HUMBERT

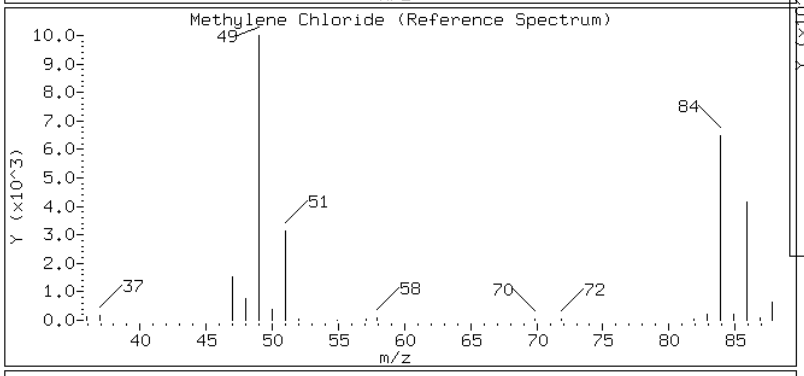
20 Methylene Chloride

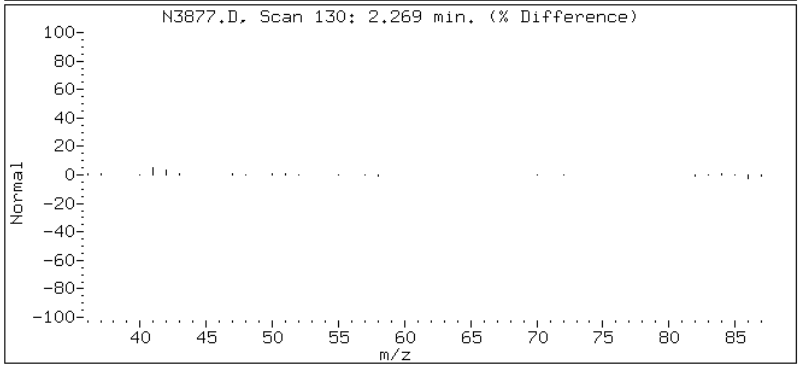












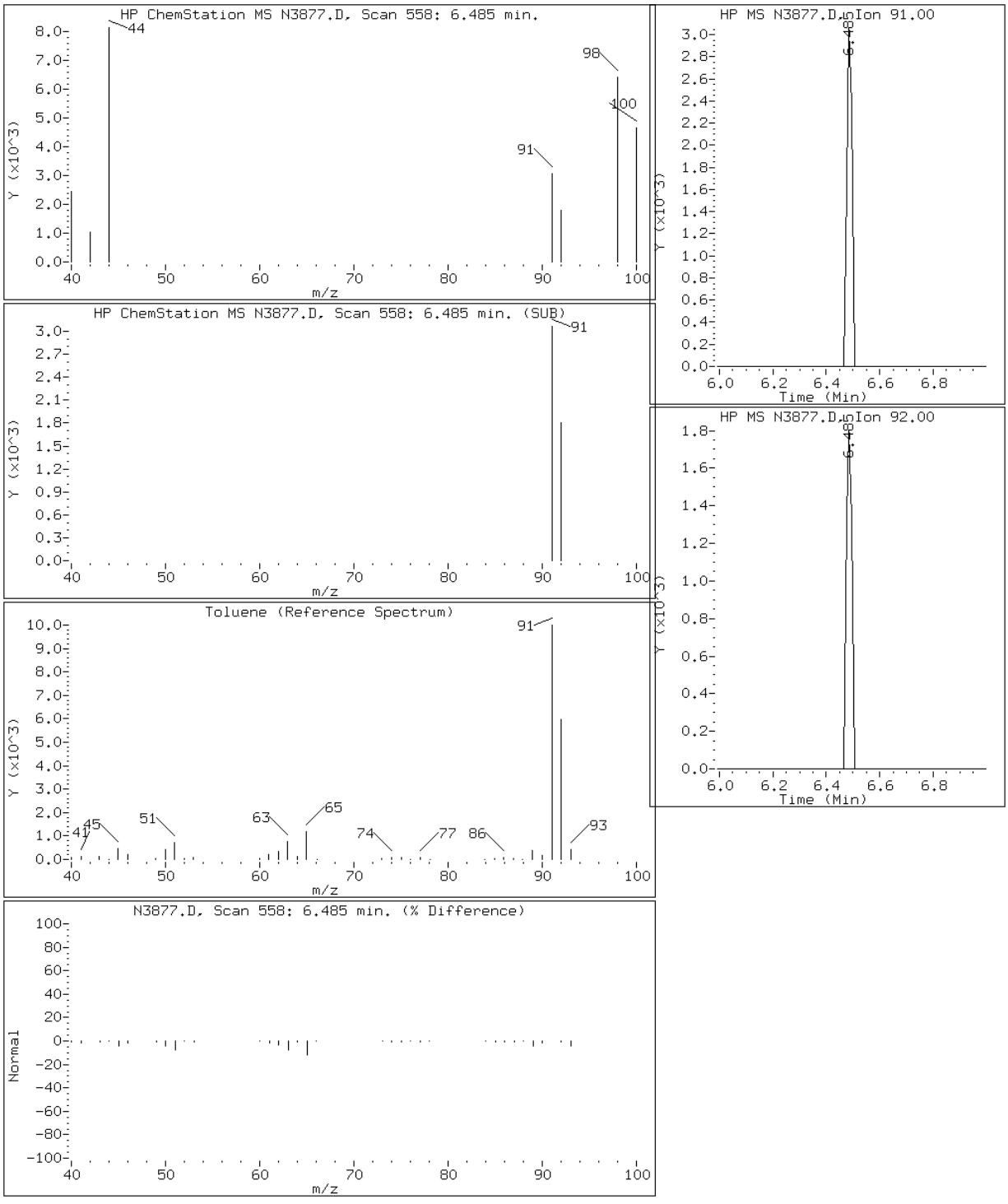
Data File: N3877.D

Date: 19-JUL-2011 20:23

Client ID: SB-143 32-33 Instrument: msn.i

Sample Info: 220-16030-A-5 Operator: D. HUMBERT

76 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: O4954.D

Analysis Method: 8260B | Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 13:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	4.5	J	25	2.8
71-43-2	Benzene	6.2	U	6.2	0.70
75-27-4	Bromodichloromethane	6.2	U	6.2	0.37
75-25-2	Bromoform	6.2	U	6.2	0.75
74-83-9	Bromomethane	6.2	U	6.2	2.6
78-93-3	Methyl Ethyl Ketone	12	U	12	2.0
75-15-0	Carbon disulfide	6.2	U	6.2	0.50
56-23-5	Carbon tetrachloride	6.2	U	6.2	1.2
108-90-7	Chlorobenzene	6.2	U	6.2	0.73
75-00-3	Chloroethane	6.2	U	6.2	1.2
67-66-3	Chloroform	6.2	U	6.2	0.42
74-87-3	Chloromethane	6.2	U	6.2	0.96
124-48-1	Dibromochloromethane	6.2	U	6.2	0.43
75-34-3	1,1-Dichloroethane	6.2	U	6.2	0.37
107-06-2	1,2-Dichloroethane	6.2	U	6.2	0.71
75-35-4	1,1-Dichloroethene	6.2	U	6.2	0.71
78-87-5	1,2-Dichloropropane	6.2	U	6.2	0.82
10061-01-5	cis-1,3-Dichloropropene	6.2	U	6.2	0.69
10061-02-6	trans-1,3-Dichloropropene	6.2	U	6.2	0.33
100-41-4	Ethylbenzene	6.2	U	6.2	0.86
591-78-6	2-Hexanone	12	U	12	1.5
75-09-2	Methylene Chloride	6.3	J B	25	1.3
108-10-1	methyl isobutyl ketone	6.2	U	6.2	0.68
100-42-5	Styrene	6.2	U	6.2	0.18
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	6.2	0.64
127-18-4	Tetrachloroethene	6.2	U	6.2	1.0
108-88-3	Toluene	6.2	U	6.2	0.091
71-55-6	1,1,1-Trichloroethane	6.2	U	6.2	0.65
79-00-5	1,1,2-Trichloroethane	6.2	U	6.2	0.46
79-01-6	Trichloroethene	6.2	U	6.2	1.0
75-01-4	Vinyl chloride	6.2	U	6.2	0.28
1330-20-7	Xylenes, Total	6.2	U	6.2	0.60
156-59-2	cis-1,2-Dichloroethene	6.2	U	6.2	0.46
156-60-5	trans-1,2-Dichloroethene	6.2	U	6.2	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 Lab Sample ID: 220-16030-6

Matrix: Solid Lab File ID: O4954.D

Analysis Method: 8260B Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 13:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		59-132
460-00-4	4-Bromofluorobenzene	89		34-124
1868-53-7	Dibromofluoromethane	85		59-123
2037-26-5	Toluene-d8 (Surr)	82		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4954.D
Lab Smp Id: 220-16030-A-6 Client Smp ID: SB-143 39-40
Inj Date : 20-JUL-2011 13:06 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-6
Misc Info : 220-16030-A-6
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

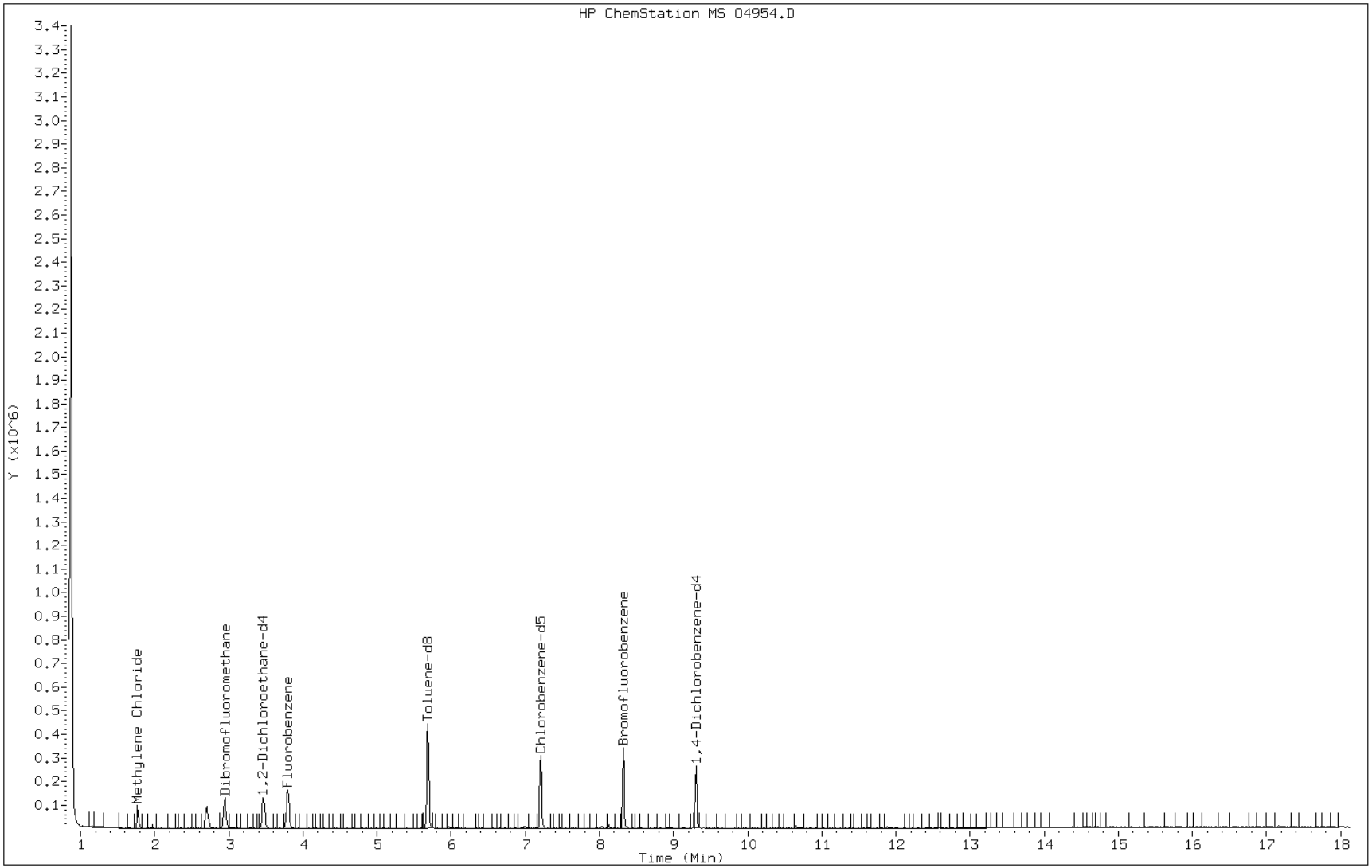
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.795	3.797	(1.000)	206253	25.0000	
	20 Methylene Chloride	84	1.768	1.770	(0.466)	27148	5.10425	5
	21 Acetone	43	1.788	1.790	(0.471)	11770	3.63875	4
$	41 Dibromofluoromethane	111	2.949	2.951	(0.777)	98904	21.3538	21
$	55 1,2-Dichloroethane-d4	65	3.460	3.462	(0.912)	117284	23.2181	23
*	75 Chlorobenzene-d5	117	7.209	7.201	(1.000)	145650	25.0000	
$	77 Toluene-d8	98	5.684	5.686	(0.788)	311802	20.5885	20
*	95 1,4-Dichlorobenzene-d4	152	9.305	9.307	(1.000)	60974	25.0000	
$	125 Bromofluorobenzene	95	8.321	8.323	(0.894)	113682	22.3384	22

Data File: O4954.D

Date: 20-JUL-2011 13:06

Client ID: SB-143 39-40 Instrument: mso.i

Sample Info: 220-16030-A-6 Operator: D. HUMBERT



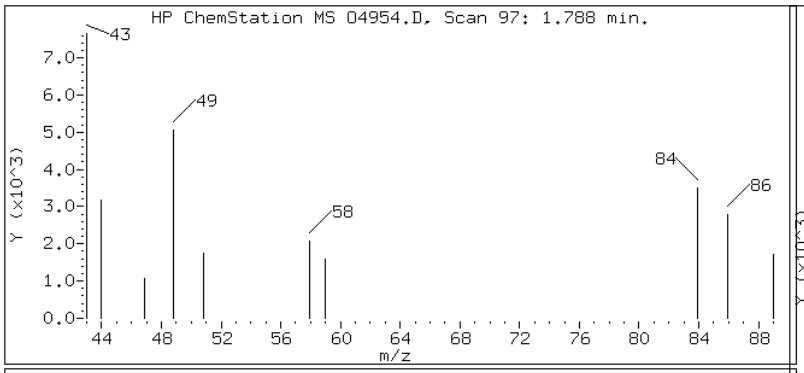
Data File: O4954.D

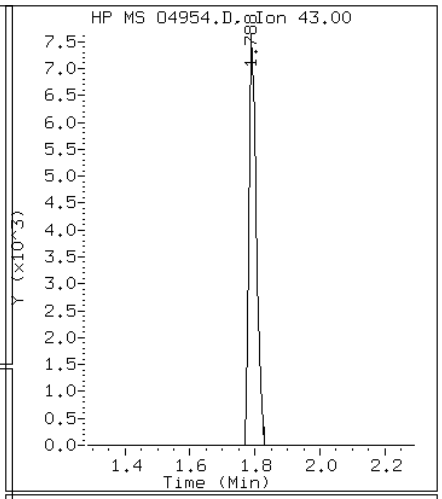
Date: 20-JUL-2011 13:06

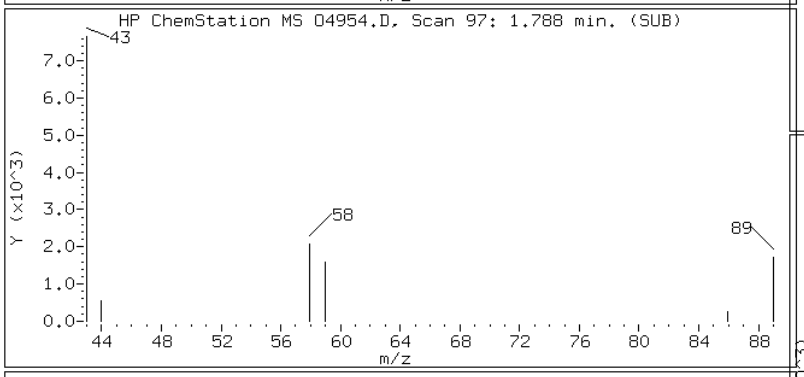
Client ID: SB-143 39-40 Instrument: mso.i

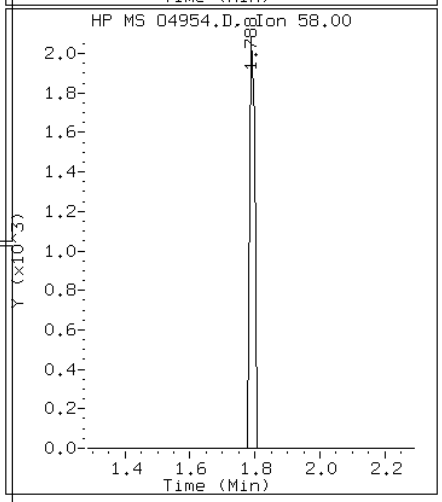
Sample Info: 220-16030-A-6 Operator: D. HUMBERT

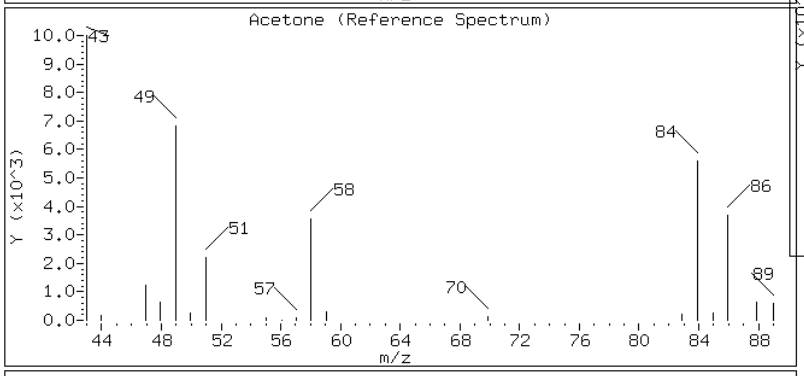
21 Acetone

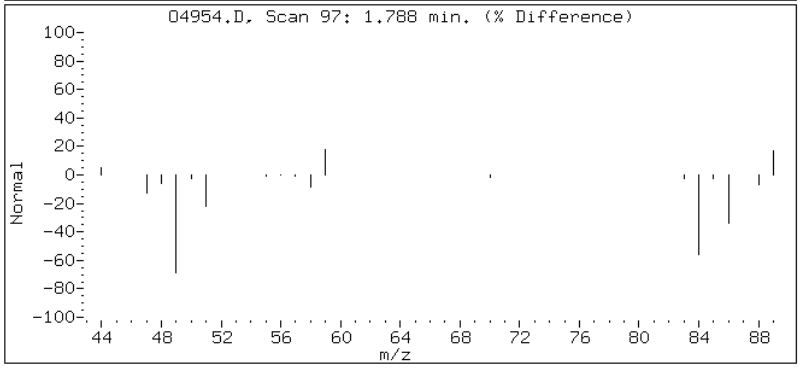












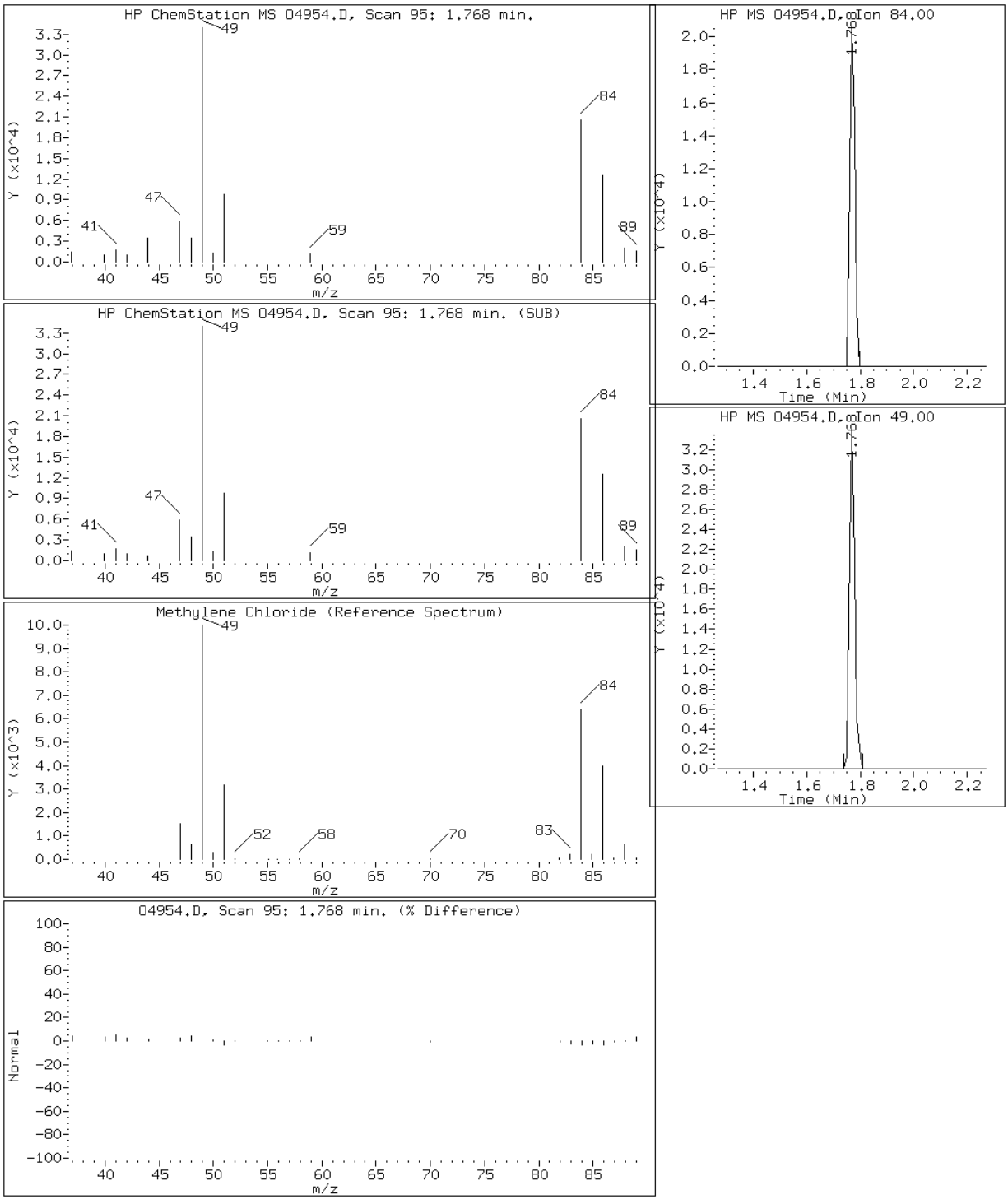
Data File: O4954.D

Date: 20-JUL-2011 13:06

Client ID: SB-143 39-40 Instrument: mso.i

Sample Info: 220-16030-A-6 Operator: D. HUMBERT

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: O4956.D

Analysis Method: 8260B | Date Collected: 07/14/2011 00:00

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 13:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	4.6	J	24	2.7
71-43-2	Benzene	6.0	U	6.0	0.69
75-27-4	Bromodichloromethane	6.0	U	6.0	0.36
75-25-2	Bromoform	6.0	U	6.0	0.73
74-83-9	Bromomethane	6.0	U	6.0	2.5
78-93-3	Methyl Ethyl Ketone	12	U	12	1.9
75-15-0	Carbon disulfide	6.0	U	6.0	0.49
56-23-5	Carbon tetrachloride	6.0	U	6.0	1.1
108-90-7	Chlorobenzene	6.0	U	6.0	0.71
75-00-3	Chloroethane	6.0	U	6.0	1.2
67-66-3	Chloroform	6.0	U	6.0	0.41
74-87-3	Chloromethane	6.0	U	6.0	0.94
124-48-1	Dibromochloromethane	6.0	U	6.0	0.42
75-34-3	1,1-Dichloroethane	6.0	U	6.0	0.36
107-06-2	1,2-Dichloroethane	6.0	U	6.0	0.70
75-35-4	1,1-Dichloroethene	6.0	U	6.0	0.70
78-87-5	1,2-Dichloropropane	6.0	U	6.0	0.81
10061-01-5	cis-1,3-Dichloropropene	6.0	U	6.0	0.67
10061-02-6	trans-1,3-Dichloropropene	6.0	U	6.0	0.32
100-41-4	Ethylbenzene	6.0	U	6.0	0.84
591-78-6	2-Hexanone	12	U	12	1.4
75-09-2	Methylene Chloride	7.4	J B	24	1.3
108-10-1	methyl isobutyl ketone	6.0	U	6.0	0.66
100-42-5	Styrene	6.0	U	6.0	0.18
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	6.0	0.63
127-18-4	Tetrachloroethene	6.0	U	6.0	0.97
108-88-3	Toluene	6.0	U	6.0	0.089
71-55-6	1,1,1-Trichloroethane	6.0	U	6.0	0.64
79-00-5	1,1,2-Trichloroethane	6.0	U	6.0	0.44
79-01-6	Trichloroethene	6.0	U	6.0	0.97
75-01-4	Vinyl chloride	6.0	U	6.0	0.28
1330-20-7	Xylenes, Total	6.0	U	6.0	0.58
156-59-2	cis-1,2-Dichloroethene	6.0	U	6.0	0.44
156-60-5	trans-1,2-Dichloroethene	6.0	U	6.0	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 Lab Sample ID: 220-16030-7

Matrix: Solid Lab File ID: O4956.D

Analysis Method: 8260B Date Collected: 07/14/2011 00:00

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 16.9 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		59-132
460-00-4	4-Bromofluorobenzene	89		34-124
1868-53-7	Dibromofluoromethane	84		59-123
2037-26-5	Toluene-d8 (Surr)	79		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4956.D
Lab Smp Id: 220-16030-A-7 Client Smp ID: DUP071411
Inj Date : 20-JUL-2011 13:57 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-7
Misc Info : 220-16030-A-7
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 35
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

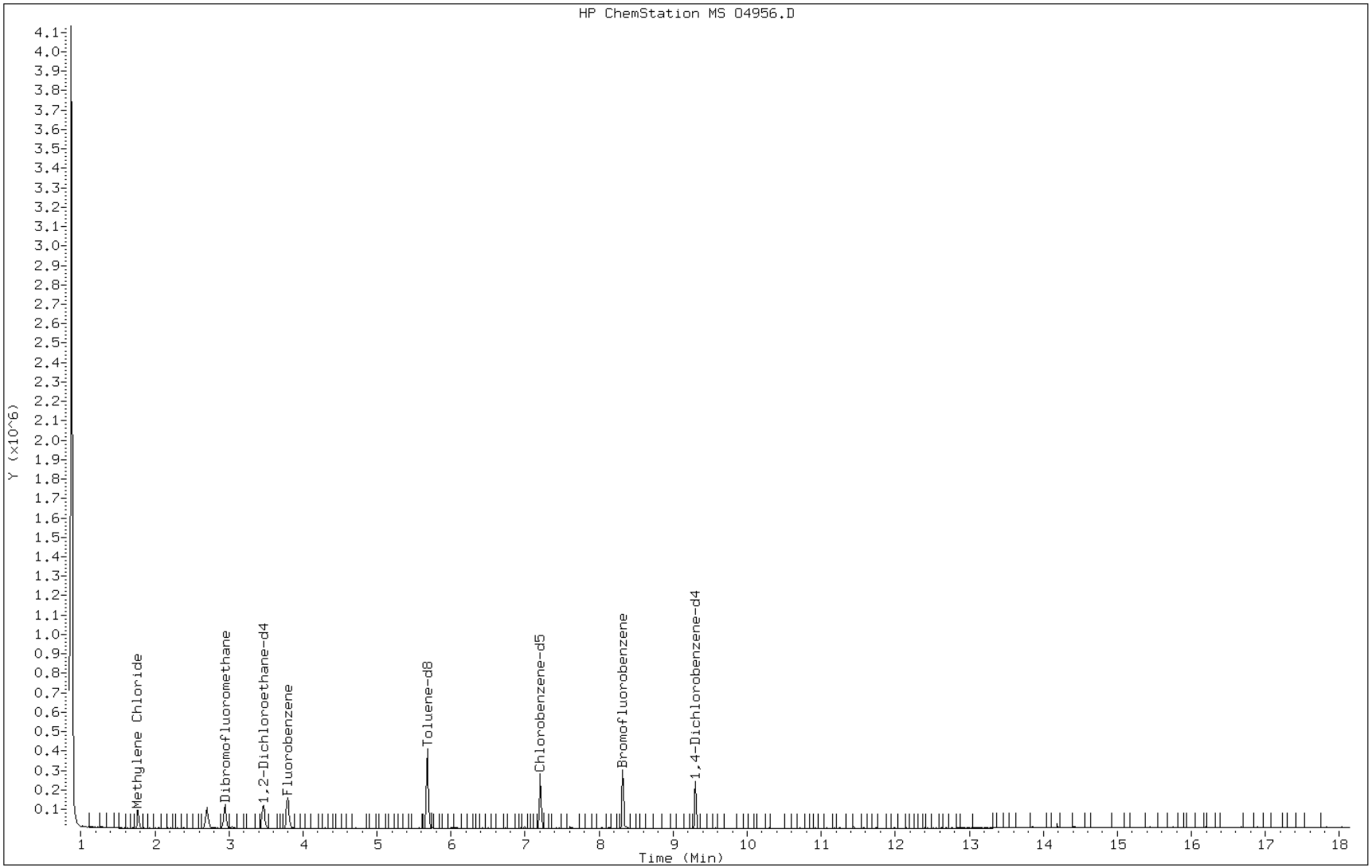
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.791	3.797	(1.000)	192642	25.0000	
	20 Methylene Chloride	84	1.774	1.770	(0.468)	30377	6.11489	6
	21 Acetone	43	1.794	1.790	(0.473)	11631	3.84983	4
$	41 Dibromofluoromethane	111	2.945	2.951	(0.777)	90704	20.9670	21
$	55 1,2-Dichloroethane-d4	65	3.466	3.462	(0.914)	108189	22.9309	23
*	75 Chlorobenzene-d5	117	7.205	7.201	(1.000)	139223	25.0000	
$	77 Toluene-d8	98	5.680	5.686	(0.788)	286977	19.8240	20
*	95 1,4-Dichlorobenzene-d4	152	9.301	9.307	(1.000)	55872	25.0000	
$	125 Bromofluorobenzene	95	8.317	8.323	(0.894)	104169	22.3382	22

Data File: O4956.D

Date: 20-JUL-2011 13:57

Client ID: DUP071411 Instrument: mso.i

Sample Info: 220-16030-A-7 Operator: D. HUMBERT



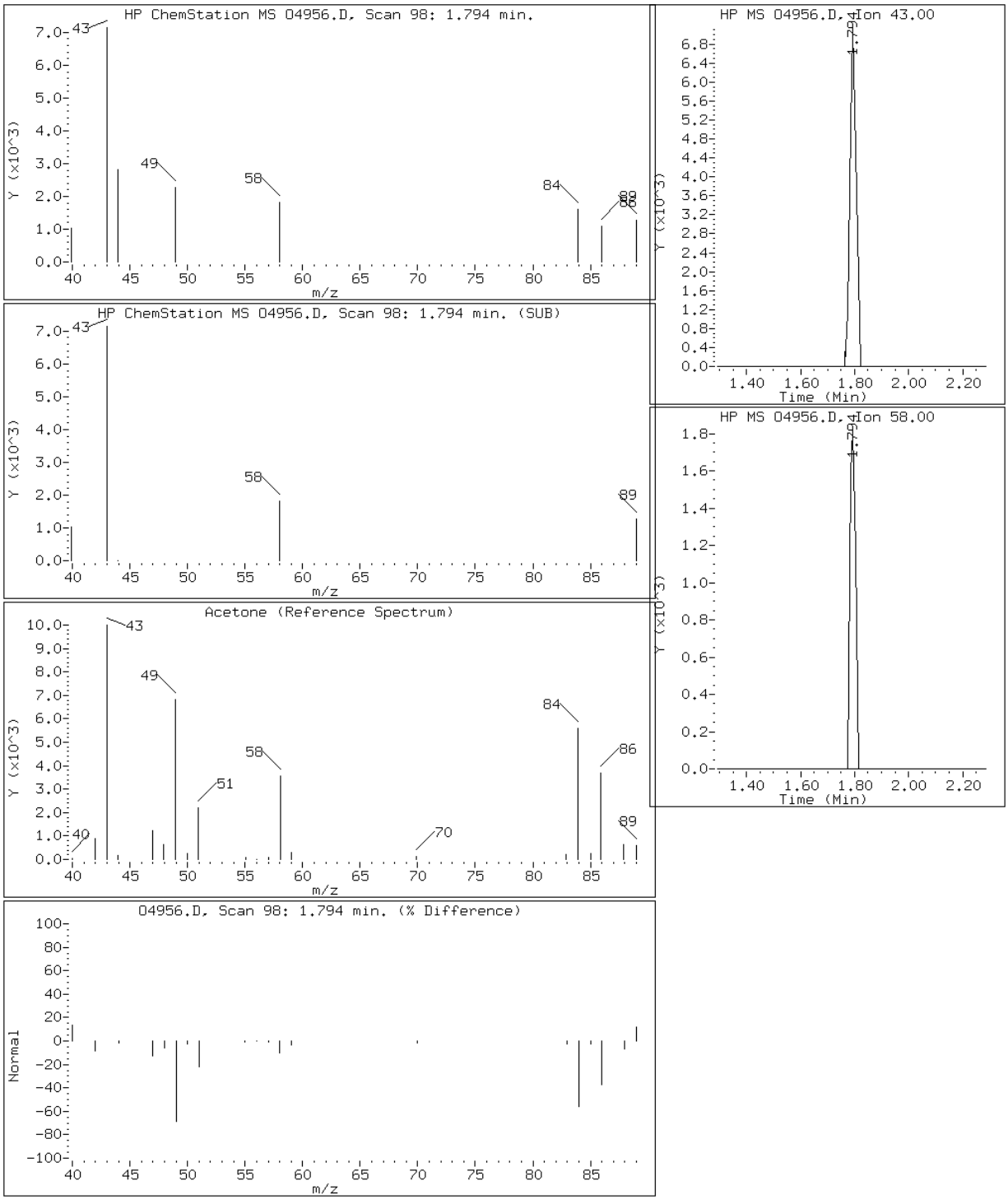
Data File: O4956.D

Date: 20-JUL-2011 13:57

Client ID: DUP071411 Instrument: mso.i

Sample Info: 220-16030-A-7 Operator: D. HUMBERT

21 Acetone



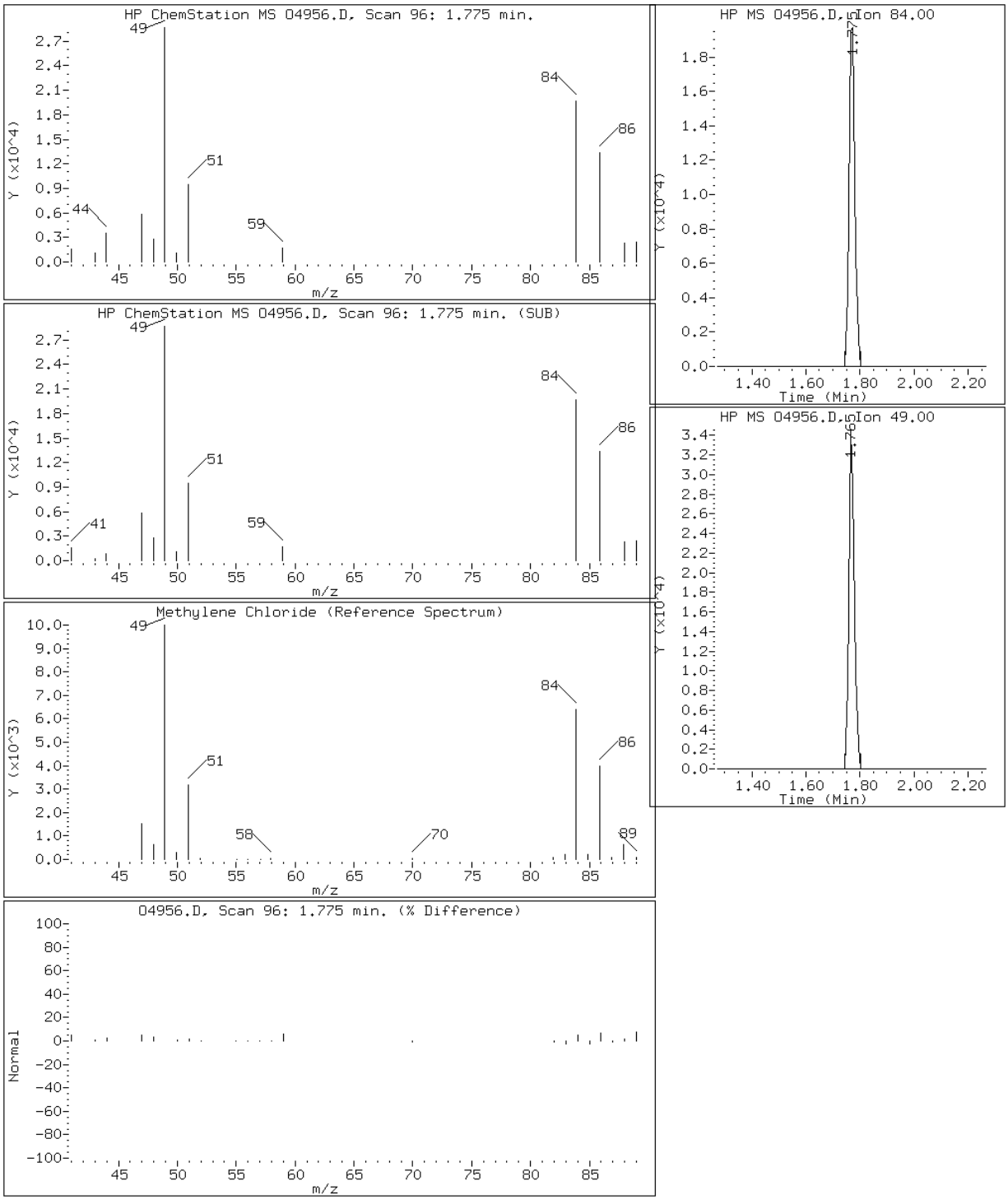
Data File: O4956.D

Date: 20-JUL-2011 13:57

Client ID: DUP071411 Instrument: mso.i

Sample Info: 220-16030-A-7 Operator: D. HUMBERT

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: V2422.D

Analysis Method: 8260B | Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/20/2011 20:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53093 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 Lab Sample ID: 220-16030-8

Matrix: Water Lab File ID: V2422.D

Analysis Method: 8260B Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 20:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		65-136
460-00-4	4-Bromofluorobenzene	77		51-142
1868-53-7	Dibromofluoromethane	101		68-132
2037-26-5	Toluene-d8 (Surr)	85		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2422.D
Lab Smp Id: 220-16030-A-8 Client Smp ID: FB-1
Inj Date : 20-JUL-2011 20:21 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-16030-a-8
Misc Info : 220-16030-A-8
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

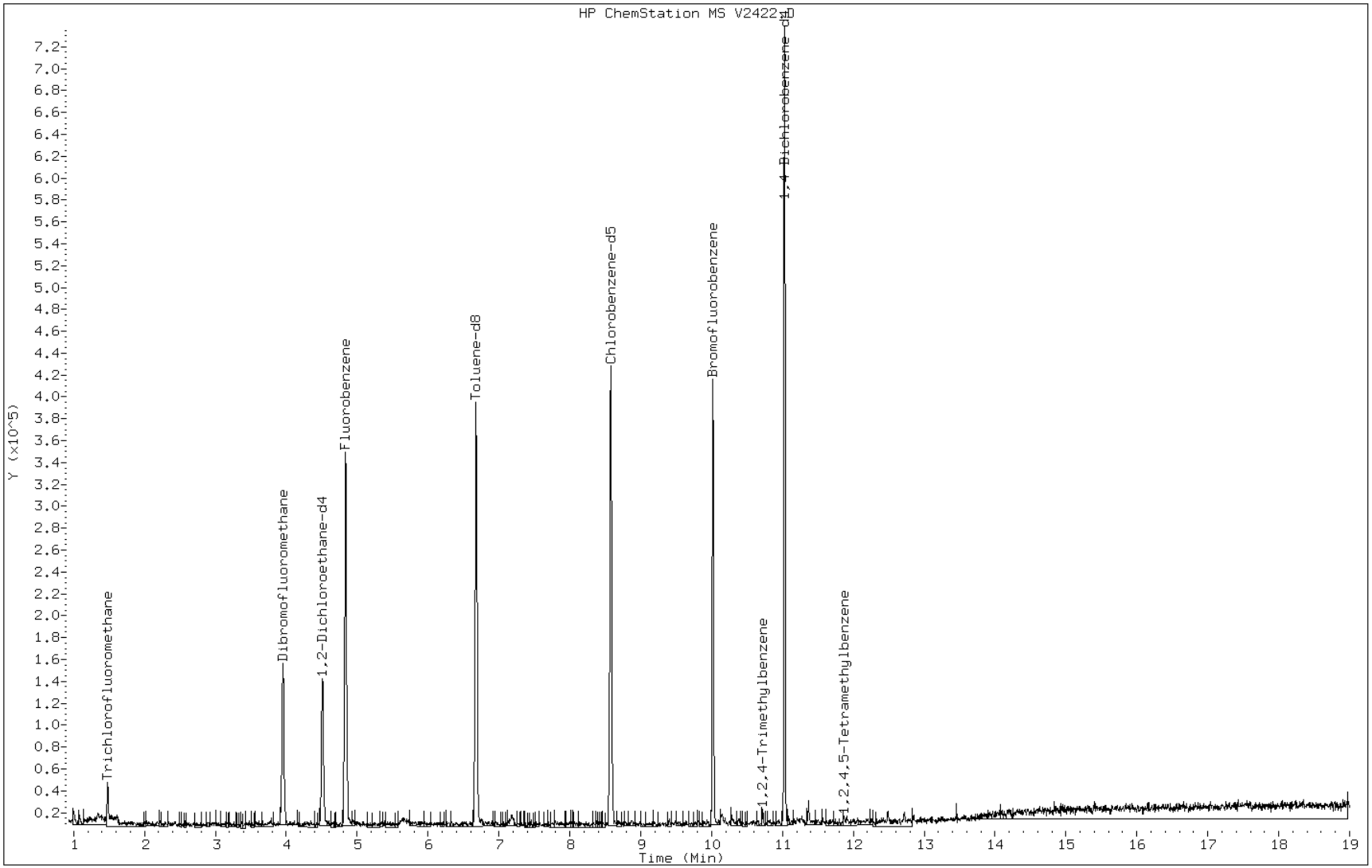
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	325242	25.0000	
	7 Trichlorofluoromethane	101	1.484	1.479	(0.307)	15762	2.76498	3
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	91670	25.2376	25
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	109323	25.2123	25
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	256288	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	280430	21.1900	21
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	152329	25.0000	
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	3853	0.27457	0.3
	118 1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	1843	0.13034	0.1
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	97154	19.3108	19

Data File: V2422.D

Date: 20-JUL-2011 20:21

Client ID: FB-1 Instrument: msv.i

Sample Info: 220-16030-a-8 Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: V2423.D

Analysis Method: 8260B | Date Collected: 07/14/2011 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/20/2011 20:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53093 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 Lab Sample ID: 220-16030-9

Matrix: Water Lab File ID: V2423.D

Analysis Method: 8260B Date Collected: 07/14/2011 13:00

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 20:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		65-136
460-00-4	4-Bromofluorobenzene	78		51-142
1868-53-7	Dibromofluoromethane	102		68-132
2037-26-5	Toluene-d8 (Surr)	78		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2423.D
Lab Smp Id: 220-16030-A-9 Client Smp ID: FB-2
Inj Date : 20-JUL-2011 20:49 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-16030-a-9
Misc Info : 220-16030-A-9
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

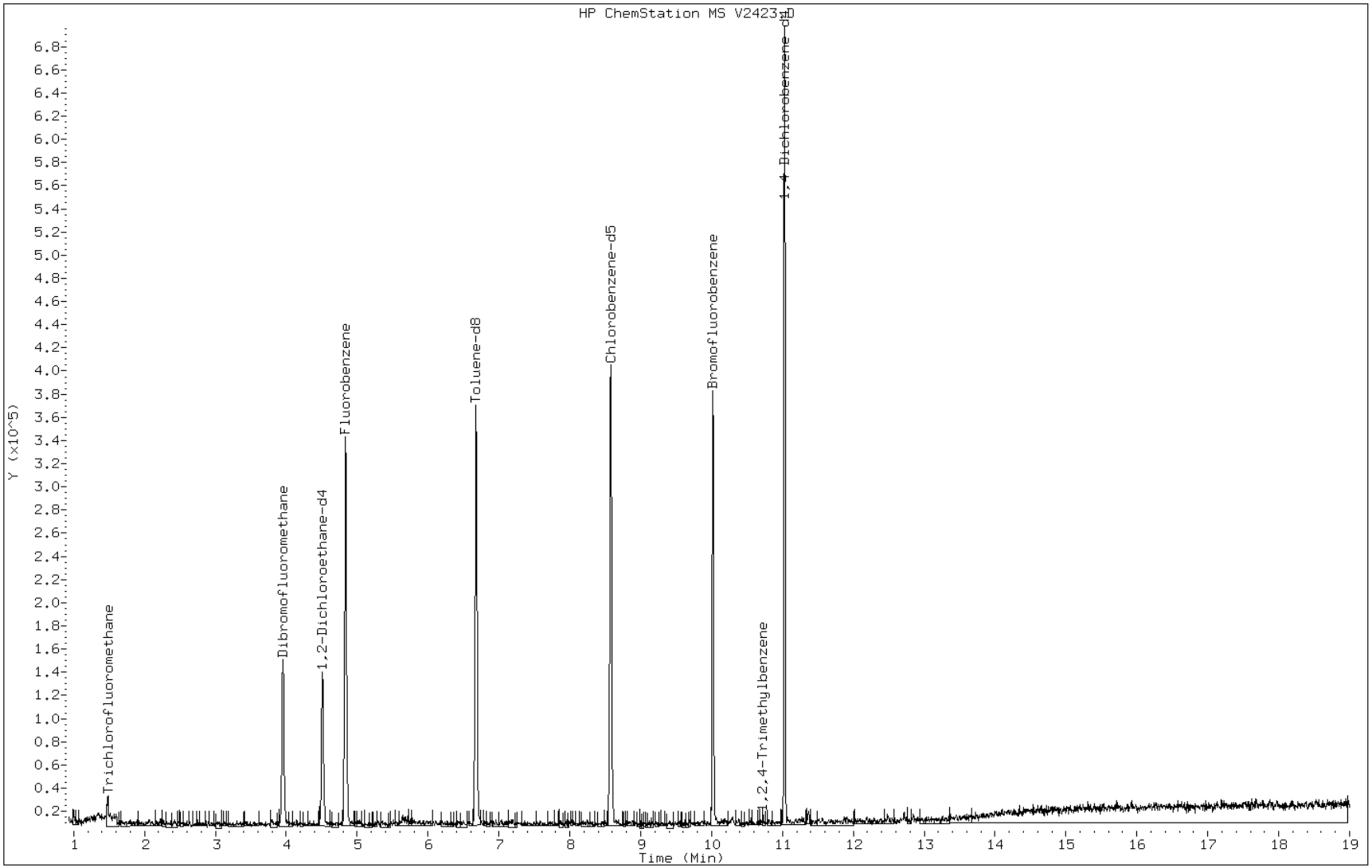
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	316869	25.0000	
	7 Trichlorofluoromethane	101	1.479	1.479	(0.306)	11059	1.99124	2
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	90297	25.5165	26
$	55 1,2-Dichloroethane-d4	65	4.516	4.510	(0.934)	106118	25.1199	25
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	252914	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	254929	19.5201	20
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	147549	25.0000	
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	3518	0.25881	0.2
	111 1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	1329	0.14302	0.1
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	95343	19.5647	20

Data File: V2423.D

Date: 20-JUL-2011 20:49

Client ID: FB-2 Instrument: msv.i

Sample Info: 220-16030-a-9 Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 220-16030-10

Matrix: Water | Lab File ID: V2424.D

Analysis Method: 8260B | Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/20/2011 21:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53093 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.0	U	5.0	1.1
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-00-3	Chloroethane	5.0	U	5.0	1.1
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
67-64-1	Acetone	10	U	10	1.0
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
67-66-3	Chloroform	5.0	U	5.0	0.67
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
71-43-2	Benzene	5.0	U	5.0	0.74
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
79-01-6	Trichloroethene	5.0	U	5.0	0.62
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
108-88-3	Toluene	5.0	U	5.0	0.72
108-10-1	methyl isobutyl ketone	10	U	10	0.38
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
591-78-6	2-Hexanone	10	U	10	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
100-42-5	Styrene	5.0	U	5.0	0.64
75-25-2	Bromoform	5.0	U	5.0	0.46
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 220-16030-10

Matrix: Water Lab File ID: V2424.D

Analysis Method: 8260B Date Collected: 07/14/2011 08:00

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	101		68-132
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		65-136
2037-26-5	Toluene-d8 (Surr)	78		63-127
460-00-4	4-Bromofluorobenzene	78		51-142

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2424.D
Lab Smp Id: 220-16030-A-10 Client Smp ID: Trip Blank
Inj Date : 20-JUL-2011 21:17 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-16030-a-10
Misc Info : 220-16030-A-10
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	292303	25.0000	
	7 Trichlorofluoromethane	101	1.484	1.479	(0.307)	22051	4.30409	4
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	82440	25.2542	25
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	104028	26.6947	27
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	239706	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	240823	19.4560	19
*	95 1,4-Dichlorobenzene-d4	152	11.026	11.027	(1.000)	138499	25.0000	
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	2826	0.22149	0.2
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	88880	19.4303	19

Data File: V2424.D

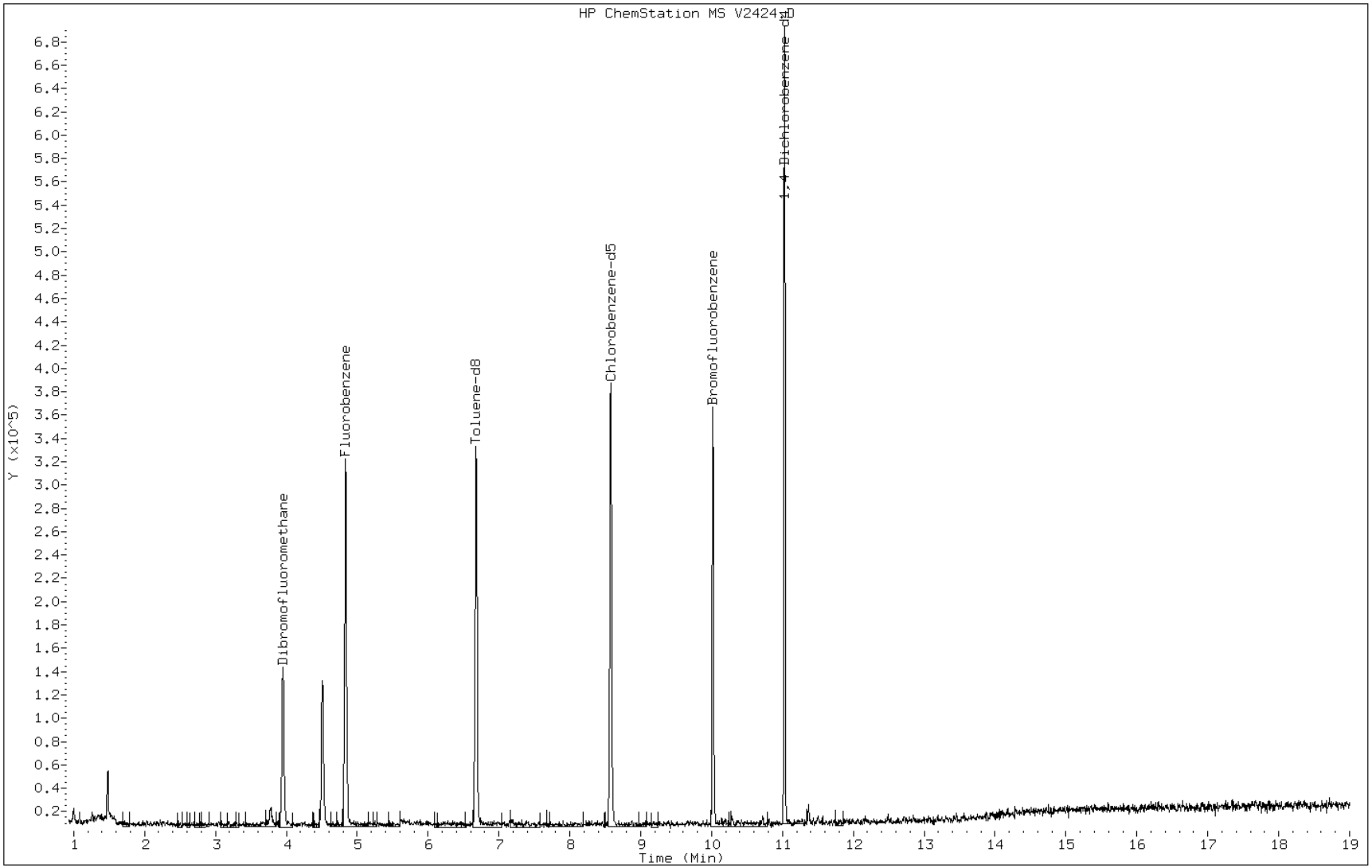
Date: 20-JUL-2011 21:17

Client ID: Trip Blank

Instrument: msv.i

Sample Info: 220-16030-a-10

Operator: B.KOSTRZEWSKA



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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52848/6	N3729.D
Level 2	IC 220-52848/5	N3728.D
Level 3	IC 220-52848/4	N3727.D
Level 4	IC 220-52848/3	N3726.D
Level 5	IC 220-52848/2	N3725.D
Level 6	IC 220-52848/1	N3724.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								
Heptane	+++++ 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.0334 0.0381	0.0726	0.0787	0.0841	0.1073	Ave		0.0690				41.1	*	15.0			
Chloromethane	0.5037 0.5666	0.4848	0.5511	0.5360	0.5596	Ave		0.5336			0.1000	6.1		15.0			
Vinyl chloride	0.3555 0.3754	0.3499	0.3892	0.3681	0.3849	Ave		0.3705				4.2		30.0			
Bromomethane	0.1994 0.1353	0.1797	0.1910	0.1504	0.1263	Ave		0.1637				18.6	*	15.0			
Chloroethane	0.2787 0.1458	0.2236	0.2368	0.2008	0.1766	Ave		0.2104				22.2	*	15.0			
Trichlorofluoromethane	0.3386 0.3139	0.3311	0.3597	0.3389	0.3396	Ave		0.3370				4.4		15.0			
Dichlorofluoromethane	0.5673 0.4709	0.5624	0.5649	0.5201	0.5205	Ave		0.5344				7.1		15.0			
Ethyl ether	0.3039 0.2614	0.2957	0.2898	0.2779	0.2746	Ave		0.2839				5.5		15.0			
Ethanol	0.0175 0.0153	0.0187	0.0198	0.0174	0.0181	Ave		0.0178				8.4		15.0			
1,1-Dichloroethene	0.2700 0.2784	0.2696	0.2798	0.2783	0.2866	Ave		0.2771				2.3		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3059 0.3413	0.3305	0.3368	0.3381	0.3487	Ave		0.3335				4.4		15.0			
Carbon disulfide	1.0968 1.2248	1.0813	1.1593	1.1745	1.2382	Ave		1.1625				5.5		15.0			
Iodomethane	0.3326 0.3736	0.3347	0.3807	0.3767	0.3889	Ave		0.3645				6.7		15.0			
Isopropyl alcohol	0.0377 0.0350	0.0412	0.0372	0.0306	0.0325	Ave		0.0357				10.7		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
Acrolein	0.0672 0.0765	0.0753	0.0738	0.0726	0.0768	Ave		0.0737				4.8		15.0			
3-Chloro-1-propene	0.6726 0.7076	0.6824	0.6973	0.6932	0.7156	Ave		0.6948				2.3		15.0			
Methylene Chloride	+++++ 0.7579	0.4525	0.4016	0.3782	0.3860	Ave		0.4752				33.8	*	15.0			
Acetone	+++++ 0.2568	0.2763	0.2467	0.2634	0.2402	Ave		0.2567				5.5		15.0			
Methyl acetate	2.2493 3.3064	2.3876	2.2941	2.3016	2.4015	Qua	-0.176	0.5452	-0.009						0.9984		
trans-1,2-Dichloroethene	0.3440 0.2549	0.3283	0.3405	0.3373	0.3508	Ave		0.3260				10.9		15.0			
Methyl tert-butyl ether	0.9337	0.9597	0.9374	0.9593	0.9818	Ave		0.9544				2.0		15.0			
tert-Butyl alcohol	0.0587	0.0669	0.0607	0.0602	0.0665	Ave		0.0626				6.1		15.0			
Acetonitrile	0.0615 0.0566	0.0598	0.0575	0.0538	0.0593	Ave		0.0581				4.6		15.0			
Isopropyl ether	1.6024 1.6609	1.5909	1.6057	1.6137	1.6503	Ave		1.6207				1.7		15.0			
2-Chloro-1,3-butadiene	0.2888 0.3348	0.3029	0.3106	0.3132	0.3310	Ave		0.3135				5.5		15.0			
1,1-Dichloroethane	0.6360 0.6672	0.6556	0.6618	0.6598	0.6801	Ave		0.6601			0.1000	2.2		15.0			
Acrylonitrile	0.1959 0.2089	0.2179	0.2146	0.2097	0.2095	Ave		0.2094				3.6		15.0			
Tert-butyl ethyl ether	1.2001 1.2332	1.2042	1.2120	1.2124	1.2404	Ave		1.2171				1.3		15.0			
Vinyl acetate	0.9990 1.1087	1.1029	1.0748	1.0733	1.0885	Ave		1.0745				3.7		15.0			
cis-1,2-Dichloroethene	0.3735 0.3853	0.3709	0.3802	0.3758	0.3929	Ave		0.3798				2.2		15.0			
2,2-Dichloropropane	0.4549 0.4276	0.3973	0.4130	0.4076	0.4364	Ave		0.4228				5.0		15.0			
Bromochloromethane	0.1923 0.1953	0.2010	0.1960	0.1915	0.2007	Ave		0.1961				2.1		15.0			
Cyclohexane	0.5019 0.5430	0.4993	0.5287	0.5256	0.5474	Ave		0.5243				3.8		15.0			
Chloroform	0.5422 0.5487	0.5352	0.5367	0.5291	0.5537	Ave		0.5409				1.7		30.0			

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
Ethyl acetate	0.0916 0.0360	0.0447	0.0350	0.0321	0.0330	Lin	-0.225	0.0341							0.9916		
Methyl acrylate	0.3928 0.4693	0.4271	0.4487	0.4466	0.4724	Ave		0.4428				6.7		15.0			
Carbon tetrachloride	0.3040 0.3529	0.3141	0.3360	0.3328	0.3560	Ave		0.3326				6.2		15.0			
Tetrahydrofuran	0.1764 0.1961	0.1967	0.1872	0.1829	0.1989	Ave		0.1897				4.7		15.0			
1,1,1-Trichloroethane	0.3733 0.4261	0.3976	0.4060	0.4050	0.4280	Ave		0.4060				5.0		15.0			
Methyl Ethyl Ketone	0.3201 0.3569	0.3333	0.3214	0.3418	0.3403	Ave		0.3356				4.1		15.0			
1,1-Dichloropropene	0.4632 0.4787	0.4555	0.4598	0.4603	0.4773	Ave		0.4658				2.1		15.0			
1-Chlorobutane	0.7521 0.7887	0.7574	0.7613	0.7612	0.7978	Ave		0.7698				2.4		15.0			
Benzene	1.3416 1.3649	1.3227	1.3222	1.3179	1.3805	Ave		1.3416				1.9		15.0			
Propionitrile	0.0641 0.0724	0.0711	0.0706	0.0690	0.0755	Ave		0.0705				5.4		15.0			
Methacrylonitrile	0.3421 0.3333	0.3279	0.3167	0.3151	0.3343	Ave		0.3282				3.2		15.0			
Tert-amyl methyl ether	0.9366 0.9949	1.0064	0.9717	0.9888	1.0093	Ave		0.9846				2.8		15.0			
1,2-Dichloroethane	0.3989 0.3960	0.3955	0.3890	0.3840	0.3985	Ave		0.3936				1.5		15.0			
Isobutyl alcohol	0.0147 0.0181	0.0185	0.0179	0.0178	0.0189	Ave		0.0177				8.5		15.0			
Methylcyclohexane	0.5890 0.6091	0.5880	0.5978	0.5979	0.6152	Ave		0.5995				1.8		15.0			
Trichloroethene	0.3272 0.3590	0.3432	0.3483	0.3399	0.3629	Ave		0.3467				3.8		15.0			
Dibromomethane	0.2258 0.2321	0.2281	0.2260	0.2291	0.2387	Ave		0.2299				2.1		15.0			
1,2-Dichloropropane	0.4009 0.4161	0.4100	0.4185	0.4081	0.4266	Ave		0.4134				2.2		30.0			
Ethyl acrylate	0.5732 0.6336	0.6705	0.6341	0.5964	0.7048	Ave		0.6354				7.5		15.0			
Bromodichloromethane	0.3497 0.3988	0.3733	0.3737	0.3850	0.4062	Ave		0.3811				5.3		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
Methyl methacrylate	0.2767 0.3233	0.3099	0.3145	0.3166	0.3295	Ave		0.3117				5.9		15.0			
1,4-Dioxane	0.0019 0.0038	0.0043	0.0035	0.0031	0.0034	Ave		0.0033				24.7	*	15.0			
2-Chloroethyl vinyl ether	0.1715 0.2165	0.2089	0.2094	0.2141	0.2156	Ave		0.2060				8.4		15.0			
cis-1,3-Dichloropropene	0.5019 0.5688	0.5284	0.5449	0.5470	0.5718	Ave		0.5438				4.8		15.0			
Toluene	1.6325 1.7168	1.5923	1.6080	1.6563	1.7153	Ave		1.6535				3.2		30.0			
Chloroacetonitrile	0.0159 0.0200	0.0183	0.0188	0.0192	0.0209	Ave		0.0189				9.0		15.0			
2-Nitropropane	0.0833 0.1039	0.0936	0.0935	0.0937	0.1049	Ave		0.0955				8.4		15.0			
1,1-Dichloro-2-propanone	0.2692 0.3990	0.3460	0.3499	0.3643	0.3923	Ave		0.3535				13.2		15.0			
Tetrachloroethene	0.2753 0.3011	0.2825	0.2877	0.2942	0.2992	Ave		0.2900				3.5		15.0			
methyl isobutyl ketone	0.6196 0.7003	0.6763	0.6477	0.6742	0.7018	Ave		0.6700				4.7		15.0			
trans-1,3-Dichloropropene	0.4235 0.4898	0.4627	0.4619	0.4799	0.4978	Ave		0.4693				5.7		15.0			
1,1,2-Trichloroethane	0.2878 0.3006	0.3085	0.3026	0.3006	0.3091	Ave		0.3015				2.6		15.0			
Ethyl methacrylate	0.4773 0.5845	0.5363	0.5498	0.5792	0.5871	Ave		0.5523				7.6		15.0			
Dibromochloromethane	0.3263 0.4282	0.3789	0.3983	0.4200	0.4333	Ave		0.3975				10.2		15.0			
1,3-Dichloropropane	0.6502 0.6781	0.6680	0.6556	0.6743	0.6812	Ave		0.6679				1.9		15.0			
1,2-Dibromoethane	0.4113 0.4489	0.4237	0.4264	0.4452	0.4539	Ave		0.4349				3.9		15.0			
2-Hexanone	0.4745 0.5536	0.5008	0.4976	0.5504	0.5387	Ave		0.5193				6.3		15.0			
Chlorobenzene	1.1200 1.1225	1.0920	1.1023	1.1170	1.1516	Ave		1.1176			0.3000	1.8		15.0			
1-Chlorohexane	0.6013 0.6758	0.6106	0.6069	0.6192	0.6183	Ave		0.6220				4.4		15.0			
Ethylbenzene	0.5787 0.5768	0.5574	0.5612	0.5673	0.5834	Ave		0.5708				1.8		30.0			

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
1,1,1,2-Tetrachloroethane	0.3230 0.3656	0.3371	0.3438	0.3588	0.3718	Ave		0.3500				5.3		15.0			
m&p-Xylene	0.6909	0.7085	0.7117	0.7260	0.7400	Ave		0.7154				2.6		15.0			
o-Xylene	0.6844 0.6886	0.6791	0.6772	0.6787	0.6843	Ave		0.6821				0.6		15.0			
Styrene	1.0601 1.1511	1.1291	1.1433	1.1608	1.1782	Ave		1.1371				3.6		15.0			
Bromoform	0.1690 0.2458	0.2069	0.2193	0.2364	0.2436	Ave		0.2202			0.1000	13.3		15.0			
Isopropylbenzene	3.9755 4.1945	3.9187	4.0678	4.0544	4.2717	Ave		4.0805				3.2		15.0			
Bromobenzene	0.9403 0.9990	0.9594	0.9839	0.9793	1.0289	Ave		0.9818				3.1		15.0			
N-Propylbenzene	5.0771 4.8326	4.9916	5.1543	5.1453	5.3682	Ave		5.0948				3.5		15.0			
1,1,2,2-Tetrachloroethane	1.2217 1.3244	1.2987	1.2747	1.2751	1.3424	Ave		1.2895			0.3000	3.3		15.0			
4-Ethyltoluene	4.1582 4.2976	4.1667	4.2198	4.2220	4.3727	Ave		4.2395				1.9		15.0			
2-Chlorotoluene	3.3565 3.2610	3.2395	3.3024	3.2385	3.3502	Ave		3.2914				1.6		15.0			
1,2,3-Trichloropropane	0.3502 0.3612	0.3623	0.3538	0.3512	0.3809	Ave		0.3599				3.2		15.0			
1,3,5-Trimethylbenzene	3.3969 3.3470	3.2599	3.3336	3.2535	3.4870	Ave		3.3463				2.6		15.0			
trans-1,4-Dichloro-2-butene	0.2955 0.3750	0.3140	0.3442	0.3551	0.3751	Ave		0.3431				9.5		15.0			
4-Chlorotoluene	2.9405 2.9688	2.8840	2.9275	2.9014	2.9853	Ave		2.9346				1.3		15.0			
tert-Butylbenzene	3.0151 2.9433	2.8816	2.9054	2.8500	3.0054	Ave		2.9335				2.3		15.0			
1,2,4-Trimethylbenzene	3.3911 3.3845	3.2643	3.3504	3.2846	3.4457	Ave		3.3534				2.0		15.0			
sec-Butylbenzene	4.7127 4.6989	4.6439	4.6318	4.5330	4.7962	Ave		4.6694				1.9		15.0			
4-Isopropyltoluene	3.6759 3.7046	3.6111	3.5901	3.5998	3.7505	Ave		3.6553				1.8		15.0			
1,3-Dichlorobenzene	1.7887 1.7584	1.7063	1.7360	1.7400	1.7888	Ave		1.7530				1.8		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

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								
1,4-Dichlorobenzene	1.8563 1.7330	1.7945	1.7755	1.7420	1.8140	Ave		1.7859				2.6		15.0			
p-Diethylbenzene	1.7426 1.8257	1.7665	1.7929	1.7879	1.8409	Ave		1.7927				2.0		15.0			
Benzyl chloride	0.2837 0.4373	0.3565	0.3927	0.4041	0.4320	Ave		0.3844				14.9		15.0			
n-Butylbenzene	4.8007 5.3703	5.4060	5.6319	5.6776	5.8714	Ave		5.4597				6.8		15.0			
1,2-Dichlorobenzene	1.6447 1.6119	1.6017	1.6187	1.6159	1.6468	Ave		1.6233				1.1		15.0			
1,2,4,5-Tetramethylbenzene	2.7914 2.9745	2.7614	2.8885	2.9234	3.0031	Ave		2.8904				3.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1255 0.1790	0.1443	0.1598	0.1642	0.1810	Ave		0.1590				13.3		15.0			
Nitrobenzene	0.0254 0.0787	0.0338	0.0489	0.0620	0.0766	Ave		0.0542				40.7	*	15.0			
Hexachlorobutadiene	0.5507 0.5173	0.5184	0.4907	0.5048	0.5240	Ave		0.5177				3.9		15.0			
1,2,4-Trichlorobenzene	0.9923 1.0115	1.0006	0.9914	1.0252	0.9950	Ave		1.0027				1.3		15.0			
Naphthalene	2.9193 2.8677	2.8427	2.7786	2.8287	2.9305	Ave		2.8612				2.0		15.0			
1,2,3-Trichlorobenzene	0.9524 0.8750	0.8961	0.9029	0.9024	0.8914	Ave		0.9034				2.9		15.0			
Dibromofluoromethane	0.3503 0.3714	0.3652	0.3771	0.3748	0.3855	Ave		0.3707				3.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3300 0.3241	0.3219	0.3303	0.3252	0.3281	Ave		0.3266				1.0		15.0			
Toluene-d8 (Surr)	1.4060 1.4627	1.3694	1.4351	1.4640	1.4974	Ave		1.4391				3.2		15.0			
4-Bromofluorobenzene	1.2313 1.2173	1.2061	1.2882	1.2489	1.2773	Ave		1.2448				2.6		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 Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52848/6	N3729.D
Level 2	IC 220-52848/5	N3728.D
Level 3	IC 220-52848/4	N3727.D
Level 4	IC 220-52848/3	N3726.D
Level 5	IC 220-52848/2	N3725.D
Level 6	IC 220-52848/1	N3724.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Heptane	FB	Ave	+++++ 0	0	0	0	0	+++++ 200	20.0	50.0	100	150
Dichlorodifluoromethane	FB	Ave	4918 225686	42205	119524	258784	470699	5.00 200	20.0	50.0	100	150
Chloromethane	FB	Ave	74186 3355086	281887	836506	1649034	2453800	5.00 200	20.0	50.0	100	150
Vinyl chloride	FB	Ave	52361 2222954	203448	590823	1132467	1687997	5.00 200	20.0	50.0	100	150
Bromomethane	FB	Ave	29366 801209	104471	289883	462808	553948	5.00 200	20.0	50.0	100	150
Chloroethane	FB	Ave	41045 863481	130017	359399	617745	774383	5.00 200	20.0	50.0	100	150
Trichlorofluoromethane	FB	Ave	49876 1858713	192489	546040	1042639	1489147	5.00 200	20.0	50.0	100	150
Dichlorofluoromethane	FB	Ave	83552 2788259	326985	857570	1600351	2282341	5.00 200	20.0	50.0	100	150
Ethyl ether	FB	Ave	44763 1548025	171934	439848	855163	1203989	5.00 200	20.0	50.0	100	150
Ethanol	FB	Ave	25762 908006	108768	300726	535373	794344	50.0 2000	200	500	1000	1500
1,1-Dichloroethene	FB	Ave	39770 1648575	156721	424684	856259	1256870	5.00 200	20.0	50.0	100	150
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	45050 2020772	192138	511302	1040234	1528919	5.00 200	20.0	50.0	100	150
Carbon disulfide	FB	Ave	161535 7252202	628682	1759798	3613695	5429780	5.00 200	20.0	50.0	100	150
Iodomethane	FB	Ave	48980 2212317	194596	577920	1158858	1705173	5.00 200	20.0	50.0	100	150
Isopropyl alcohol	FB	Ave	5555 206984	23962	56407	94223	142311	5.00 200	20.0	50.0	100	150
Acrolein	FB	Ave	49493 2265340	219018	560311	1116918	1683278	25.0 1000	100	250	500	750

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	99063 4189676	396770	1058437	2132891	3137991	5.00 200	20.0	50.0	100	150
Methylene Chloride	FB	Ave	+++++ 4487742	263072	609619	1163552	1692718	+++++ 200	20.0	50.0	100	150
Acetone	FB	Ave	+++++ 1520234	160653	374450	810295	1053312	+++++ 200	20.0	50.0	100	150
Methyl acetate	FB	Qua	331288 19577327	1388128	3482493	7081331	10530741	5.00 200	20.0	50.0	100	150
trans-1,2-Dichloroethene	FB	Ave	50665 1509513	190856	516947	1037704	1538259	5.00 200	20.0	50.0	100	150
Methyl tert-butyl ether	FB	Ave	137521	557967	1423011	2951487	4305397	5.00	20.0	50.0	100	150
tert-Butyl alcohol	FB	Ave	43241	194579	460839	926472	1457024	25.0	100	250	500	750
Acetonitrile	FB	Ave	90544 3353323	347554	872711	1656565	2599928	50.0 2000	200	500	1000	1500
Isopropyl ether	FB	Ave	236012 9834117	924942	2437433	4964996	7236639	5.00 200	20.0	50.0	100	150
2-Chloro-1,3-butadiene	FB	Ave	42536 1982322	176078	471547	963718	1451364	5.00 200	20.0	50.0	100	150
1,1-Dichloroethane	FB	Ave	93666 3950728	381175	1004622	2029902	2982232	5.00 200	20.0	50.0	100	150
Acrylonitrile	FB	Ave	57717 2474348	253347	651638	1290327	1837148	10.0 400	40.0	100	200	300
Tert-butyl ethyl ether	FB	Ave	176760 7301838	700101	1839842	3730091	5439348	5.00 200	20.0	50.0	100	150
Vinyl acetate	FB	Ave	147128 6564511	641232	1631575	3302164	4773306	5.00 200	20.0	50.0	100	150
cis-1,2-Dichloroethene	FB	Ave	55005 2281529	215670	577199	1156231	1722796	5.00 200	20.0	50.0	100	150
2,2-Dichloropropane	FB	Ave	66996 2531745	230964	626982	1254223	1913463	5.00 200	20.0	50.0	100	150
Bromochloromethane	FB	Ave	28317 1156297	116855	297486	589229	880280	5.00 200	20.0	50.0	100	150
Cyclohexane	FB	Ave	73917 3215296	290305	802547	1617079	2400461	5.00 200	20.0	50.0	100	150
Chloroform	FB	Ave	79863 3249038	311138	814679	1627838	2428227	5.00 200	20.0	50.0	100	150
Ethyl acetate	FB	Lin	26979 426870	51922	106313	197805	289709	10.0 400	40.0	100	200	300
Methyl acrylate	FB	Ave	57859 2778843	248306	681087	1374213	2071612	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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 tetrachloride	FB	Ave	44773 2089822	182600	510068	1023789	1560914	5.00 200	20.0	50.0	100	150
Tetrahydrofuran	FB	Ave	51960 2321865	228747	568227	1125242	1744788	10.0 400	40.0	100	200	300
1,1,1-Trichloroethane	FB	Ave	54985 2522692	231179	616285	1246072	1876824	5.00 200	20.0	50.0	100	150
Methyl Ethyl Ketone	FB	Ave	47143 2112959	193779	487874	1051659	1492052	5.00 200	20.0	50.0	100	150
1,1-Dichloropropene	FB	Ave	68219 2834498	264836	698041	1416195	2092794	5.00 200	20.0	50.0	100	150
1-Chlorobutane	FB	Ave	110772 4669931	440361	1155684	2341934	3498587	5.00 200	20.0	50.0	100	150
Benzene	FB	Ave	197593 8081871	768992	2007111	4054672	6053560	5.00 200	20.0	50.0	100	150
Propionitrile	FB	Ave	94463 4289617	413644	1072172	2122871	3309701	50.0 2000	200	500	1000	1500
Methacrylonitrile	FB	Ave	50379 1973216	190621	480735	969546	1465873	5.00 200	20.0	50.0	100	150
Tert-amyl methyl ether	FB	Ave	137949 5890573	585105	1475093	3042366	4425955	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane	FB	Ave	58744 2344494	229918	590539	1181570	1747509	5.00 200	20.0	50.0	100	150
Isobutyl alcohol	FB	Ave	21653 1071459	107581	272204	549170	829787	50.0 2000	200	500	1000	1500
Methylcyclohexane	FB	Ave	86751 3606712	341838	907392	1839603	2697778	5.00 200	20.0	50.0	100	150
Trichloroethene	FB	Ave	48192 2125740	199525	528678	1045680	1591517	5.00 200	20.0	50.0	100	150
Dibromomethane	FB	Ave	33250 1374213	132633	343000	704730	1046612	5.00 200	20.0	50.0	100	150
1,2-Dichloropropane	FB	Ave	59044 2463770	238357	635341	1255585	1870858	5.00 200	20.0	50.0	100	150
Ethyl acrylate	FB	Ave	84419 3751482	389823	962530	1835090	3090455	5.00 200	20.0	50.0	100	150
Bromodichloromethane	FB	Ave	51505 2361021	217011	567279	1184445	1781016	5.00 200	20.0	50.0	100	150
Methyl methacrylate	FB	Ave	40750 1914092	180177	477353	974099	1445060	5.00 200	20.0	50.0	100	150
1,4-Dioxane	FB	Ave	2770 225605	25046	52767	95552	147902	50.0 2000	200	500	1000	1500
2-Chloroethyl vinyl ether	FB	Ave	25255 1281788	121440	317879	658676	945491	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	FB	Ave	73922 3368183	307193	827197	1683025	2507437	5.00 200	20.0	50.0	100	150
Toluene	CBZ	Ave	197377 8201904	779174	2027680	4116664	6185072	5.00 200	20.0	50.0	100	150
Chloroacetonitrile	FB	Ave	23470 1184046	106503	285760	592031	917426	50.0 2000	200	500	1000	1500
2-Nitropropane	FB	Ave	24538 1230723	108827	283765	576411	920119	10.0 400	40.0	100	200	300
1,1-Dichloro-2-propanone	CBZ	Ave	162762 9531721	846496	2206343	4527963	7072698	25.0 1000	100	250	500	750
Tetrachloroethene	CBZ	Ave	33283 1438317	138258	362726	731319	1078844	5.00 200	20.0	50.0	100	150
methyl isobutyl ketone	CBZ	Ave	74913 3345577	330919	816757	1675634	2530681	5.00 200	20.0	50.0	100	150
trans-1,3-Dichloropropene	FB	Ave	62371 2899852	269040	701147	1476409	2182924	5.00 200	20.0	50.0	100	150
1,1,2-Trichloroethane	FB	Ave	42385 1779658	179372	459390	924873	1355427	5.00 200	20.0	50.0	100	150
Ethyl methacrylate	CBZ	Ave	57705 2792183	262439	693219	1439565	2116921	5.00 200	20.0	50.0	100	150
Dibromochloromethane	CBZ	Ave	39450 2045478	185435	502192	1043822	1562253	5.00 200	20.0	50.0	100	150
1,3-Dichloropropane	CBZ	Ave	78615 3239487	326867	826639	1675941	2456393	5.00 200	20.0	50.0	100	150
1,2-Dibromoethane	CBZ	Ave	49727 2144392	207315	537616	1106473	1636694	5.00 200	20.0	50.0	100	150
2-Hexanone	CBZ	Ave	57368 2644839	245087	627413	1367954	1942273	5.00 200	20.0	50.0	100	150
Chlorobenzene	CBZ	Ave	135417 5362451	534346	1389979	2776451	4152598	5.00 200	20.0	50.0	100	150
1-Chlorohexane	CBZ	Ave	72705 3228445	298791	765236	1539120	2229276	5.00 200	20.0	50.0	100	150
Ethylbenzene	CBZ	Ave	69971 2755870	272774	707607	1409970	2103710	5.00 200	20.0	50.0	100	150
1,1,1,2-Tetrachloroethane	CBZ	Ave	39059 1746678	164953	433561	891702	1340691	5.00 200	20.0	50.0	100	150
m&p-Xylene	CBZ	Ave	167081	693368	1794855	3608835	5336244	10.0	40.0	100	200	300
o-Xylene	CBZ	Ave	82747 3289840	332329	853927	1687014	2467570	5.00 200	20.0	50.0	100	150
Styrene	CBZ	Ave	128177 5499219	552514	1441705	2885107	4248277	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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	20436 1174390	101230	276590	587538	878430	5.00 200	20.0	50.0	100	150
Isopropylbenzene	DCB	Ave	191164 7618579	773318	2004896	3952636	5836592	5.00 200	20.0	50.0	100	150
Bromobenzene	DCB	Ave	45216 1814452	189321	484944	954707	1405787	5.00 200	20.0	50.0	100	150
N-Propylbenzene	DCB	Ave	244131 8777487	985030	2540379	5016158	7334655	5.00 200	20.0	50.0	100	150
1,1,2,2-Tetrachloroethane	DCB	Ave	58745 2405591	256277	628247	1243114	1834198	5.00 200	20.0	50.0	100	150
4-Ethyltoluene	DCB	Ave	199945 7805769	822255	2079791	4116027	5974471	5.00 200	20.0	50.0	100	150
2-Chlorotoluene	DCB	Ave	161399 5923103	639273	1627661	3157171	4577494	5.00 200	20.0	50.0	100	150
1,2,3-Trichloropropane	DCB	Ave	16840 656123	71486	174398	342368	520384	5.00 200	20.0	50.0	100	150
1,3,5-Trimethylbenzene	DCB	Ave	163340 6079189	643311	1643045	3171794	4764373	5.00 200	20.0	50.0	100	150
trans-1,4-Dichloro-2-butene	DCB	Ave	28421 1362298	123923	339289	692339	1024952	10.0 400	40.0	100	200	300
4-Chlorotoluene	DCB	Ave	141396 5392310	569115	1442886	2828510	4078925	5.00 200	20.0	50.0	100	150
tert-Butylbenzene	DCB	Ave	144981 5345969	568647	1431980	2778459	4106416	5.00 200	20.0	50.0	100	150
1,2,4-Trimethylbenzene	DCB	Ave	163062 6147249	644181	1651313	3202151	4707951	5.00 200	20.0	50.0	100	150
sec-Butylbenzene	DCB	Ave	226608 8534724	916428	2282881	4419202	6553211	5.00 200	20.0	50.0	100	150
4-Isopropyltoluene	DCB	Ave	176757 6728790	712613	1769459	3509377	5124379	5.00 200	20.0	50.0	100	150
1,3-Dichlorobenzene	DCB	Ave	86008 3193773	336727	855601	1696305	2444030	5.00 200	20.0	50.0	100	150
1,4-Dichlorobenzene	DCB	Ave	89261 3147670	354131	875107	1698237	2478558	5.00 200	20.0	50.0	100	150
p-Diethylbenzene	DCB	Ave	83793 3316108	348589	883677	1743003	2515230	5.00 200	20.0	50.0	100	150
Benzyl chloride	DCB	Ave	13641 794222	70360	193531	393944	590189	5.00 200	20.0	50.0	100	150
n-Butylbenzene	DCB	Ave	230843 9754178	1066807	2775788	5535081	8022241	5.00 200	20.0	50.0	100	150
1,2-Dichlorobenzene	DCB	Ave	79084 2927710	316072	797798	1575325	2250053	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52848

SDG No.:

Instrument ID: MSN GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/13/2011 17:15 Calibration End Date: 07/13/2011 19:37 Calibration ID: 11460

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4,5-Tetramethylbenzene	DCB	Ave	134224 5402631	544926	1423658	2850006	4103235	5.00 200	20.0	50.0	100	150
1,2-Dibromo-3-Chloropropane	DCB	Ave	6037 325173	28481	78779	160106	247361	5.00 200	20.0	50.0	100	150
Nitrobenzene	DCB	Ave	12237 1429791	66794	241017	603979	1046466	50.0 2000	200	500	1000	1500
Hexachlorobutadiene	DCB	Ave	26481 939617	102304	241870	492080	715924	5.00 200	20.0	50.0	100	150
1,2,4-Trichlorobenzene	DCB	Ave	47714 1837178	197455	488645	999477	1359449	5.00 200	20.0	50.0	100	150
Naphthalene	DCB	Ave	140376 5208630	560982	1369463	2757696	4003952	5.00 200	20.0	50.0	100	150
1,2,3-Trichlorobenzene	DCB	Ave	45794 1589269	176834	445034	879725	1217968	5.00 200	20.0	50.0	100	150
Dibromofluoromethane	FB	Ave	51593 2199133	212341	286209	1153007	1690633	5.00 200	20.0	25.0	100	150
1,2-Dichloroethane-d4 (Surr)	FB	Ave	48606 1919012	187148	250676	1000415	1438798	5.00 200	20.0	25.0	100	150
Toluene-d8 (Surr)	CBZ	Ave	169994 6988135	670095	904776	3638862	5399164	5.00 200	20.0	25.0	100	150
4-Bromofluorobenzene	DCB	Ave	59209 2210926	238009	317449	1217509	1745176	5.00 200	20.0	25.0	100	150

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3724.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 13-JUL-2011 17:15 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;200
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:50 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 19:37 Cal File: N3729.D
Als bottle: 100 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.796	4.796	(1.000)	740130	25.0000	
2	Dichlorodifluoromethane	85	1.232	1.232	(0.257)	225686	200.000	110
3	Chloromethane	50	1.271	1.271	(0.265)	3355086	200.000	210(A)
4	Vinyl Chloride	62	1.311	1.311	(0.273)	2222954	200.000	200(A)
5	Bromomethane	94	1.488	1.488	(0.310)	801209	200.000	160
6	Chloroethane	64	1.547	1.547	(0.323)	863481	200.000	140
7	Trichlorofluoromethane	101	1.616	1.616	(0.337)	1858713	200.000	190
8	Dichlorofluoromethane	67	1.646	1.646	(0.343)	2788259	200.000	180
9	Ethyl Ether	45	1.783	1.783	(0.372)	1548025	200.000	180
10	Ethanol	45	1.843	1.843	(0.384)	908006	2000.00	1700
12	Freon 123	67	1.912	1.912	(0.399)	540219	200.000	210(A)
13	Trichlorotrifluoroethane	101	1.921	1.921	(0.401)	2020772	200.000	200(A)
14	1,1-Dichloroethene	96	1.912	1.912	(0.399)	1648575	200.000	200(A)
15	Carbon Disulfide	76	1.941	1.941	(0.405)	7252202	200.000	210(A)
16	Iodomethane	142	2.010	2.010	(0.419)	2212317	200.000	200(A)
17	Acrolein	56	2.109	2.109	(0.440)	2265340	1000.00	1000(A)
18	2-Propanol	45	2.030	2.030	(0.423)	206984	200.000	200
19	3-Chloro-1-Propene	41	2.197	2.197	(0.458)	4189676	200.000	200(A)
20	Methylene Chloride	84	2.266	2.266	(0.473)	4487742	200.000	320(A)
21	Acetone	43	2.296	2.296	(0.479)	1520234	200.000	200(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.365	2.365	(0.493)	1509513	200.000	160
	23 Methyl Acetate	43	2.365	2.365	(0.493)	19577327	200.000	200(A)
	24 Methyl tert-Butyl Ether	73	2.530	2.530	(0.528)	82786	200.000	3(M)
	25 tert-Butyl alcohol	59	2.365	2.365	(0.493)	1684813	1000.00	910(M)
	26 Acetonitrile	41	2.628	2.628	(0.548)	3353323	2000.00	2000
	27 Isopropyl ether	45	2.717	2.717	(0.567)	9834117	200.000	200(A)
	28 tert-Butyl ethyl ether	59	3.032	3.032	(0.632)	7301838	200.000	200(A)
	29 2-Chloro-1,3-Butadiene	88	2.825	2.825	(0.589)	1982322	200.000	210(A)
	30 Acrylonitrile	53	2.875	2.875	(0.599)	2474348	400.000	400
	31 1,1-Dichloroethane	63	2.845	2.845	(0.593)	3950728	200.000	200(A)
	32 Vinyl Acetate	43	3.042	3.042	(0.634)	6564511	200.000	210(A)
	33 cis-1,2-Dichloroethene	96	3.328	3.328	(0.694)	2281529	200.000	200(A)
	34 2,2-Dichloropropane	77	3.446	3.446	(0.719)	2531745	200.000	200(A)
	35 Bromochloromethane	128	3.535	3.535	(0.737)	1156297	200.000	200
	37 Cyclohexane	84	3.554	3.554	(0.741)	3215296	200.000	210(A)
	38 Chloroform	83	3.614	3.614	(0.754)	3249038	200.000	200(A)
	39 Ethyl Acetate	43	3.742	3.742	(0.780)	426870	400.000	420(A)
	40 Methyl Acrylate	55	3.751	3.751	(0.782)	2778843	200.000	210(A)
$	41 Dibromofluoromethane	111	3.820	3.820	(0.797)	2199133	200.000	200(A)
	42 Tetrahydrofuran	42	3.791	3.791	(0.790)	2321865	400.000	410(A)
	43 Carbon Tetrachloride	117	3.781	3.781	(0.788)	2089822	200.000	210(A)
	44 1,1,1-Trichloroethane	97	3.850	3.850	(0.803)	2522692	200.000	210(A)
	45 2-Butanone	43	3.958	3.958	(0.825)	2112959	200.000	210(A)
	46 1,1-Dichloropropene	75	3.998	3.998	(0.834)	2834498	200.000	200(A)
	47 tert-Amyl methyl ether	73	4.451	4.451	(0.928)	5890573	200.000	200(A)
	49 1-Chlorobutane	56	4.067	4.067	(0.848)	4669931	200.000	200(A)
	51 Propionitrile	54	4.323	4.323	(0.901)	4289617	2000.00	2000(A)
	52 Benzene	78	4.303	4.303	(0.897)	8081871	200.000	200(A)
	53 2-Methyl-2-Propenenitrile	41	4.352	4.352	(0.908)	1973216	200.000	200(A)
	54 Isobutyl alcohol	42	4.599	4.599	(0.959)	1071459	2000.00	2000(A)
$	55 1,2-Dichloroethane-d4	65	4.461	4.461	(0.930)	1919012	200.000	200
	56 1,2-Dichloroethane	62	4.540	4.540	(0.947)	2344494	200.000	200(A)
	59 Methyl Cyclohexane	83	4.983	4.983	(1.039)	3606712	200.000	200(A)
	60 Trichloroethene	130	4.993	4.993	(1.041)	2125740	200.000	210(A)
	63 Dibromomethane	93	5.436	5.436	(1.134)	1374213	200.000	200(A)
	64 1,2-Dichloropropane	63	5.535	5.535	(1.154)	2463770	200.000	200(A)
	65 Bromodichloromethane	83	5.613	5.613	(1.170)	2361021	200.000	210(A)
	66 Methyl Methacrylate	69	5.801	5.801	(1.210)	1914092	200.000	210(A)
	67 1,4-Dioxane	58	5.850	5.850	(1.220)	225605	2000.00	2300(M)
	69 2-Chloroethylvinylether	63	6.214	6.214	(1.296)	1281788	200.000	210(A)
	174 Ethyl acrylate	55	5.594	5.594	(1.166)	3751482	200.000	200(A)
	70 cis-1,3-Dichloropropene	75	6.254	6.254	(1.304)	3368183	200.000	210(A)
	71 Chloroacetonitrile	48	6.628	6.628	(1.382)	1184046	2000.00	2100(A)
	72 2-Nitropropane	41	6.707	6.707	(1.398)	1230723	400.000	440(A)
	73 trans-1,3-Dichloropropene	75	6.894	6.894	(1.438)	2899852	200.000	210(A)
	74 1,1,2-Trichloroethane	97	7.042	7.042	(1.468)	1779658	200.000	200
*	75 Chlorobenzene-d5	117	7.879	7.879	(1.000)	597181	25.0000	
	76 Toluene	91	6.490	6.490	(0.824)	8201904	200.000	210(A)
$	77 Toluene-d8	98	6.441	6.441	(0.817)	6988135	200.000	200(A)
	78 1,1-Dichloro-2-propanone	43	6.717	6.717	(0.852)	9531721	1000.00	1100(A)
	79 4-Methyl-2-Pentanone	43	6.865	6.865	(0.871)	3345577	200.000	210(A)
	80 Tetrachloroethene	164	6.855	6.855	(0.870)	1438317	200.000	210(A)
	81 Ethyl Methacrylate	69	7.071	7.071	(0.897)	2792183	200.000	210(A)
	82 Dibromochloromethane	129	7.200	7.200	(0.914)	2045478	200.000	220(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	83 1,3-Dichloropropane	76	7.288	7.288	(0.925)	3239487	200.000	200(A)
	84 1,2-Dibromoethane	107	7.397	7.397	(0.939)	2144392	200.000	210(A)
	86 2-Hexanone	43	7.643	7.643	(0.970)	2644839	200.000	210(A)
	87 1-Chlorohexane	91	7.899	7.899	(1.002)	3228445	200.000	220(A)
	88 Chlorobenzene	112	7.889	7.889	(1.001)	5362451	200.000	200(A)
	89 1,1,1,2-Tetrachloroethane	131	7.958	7.958	(1.010)	1746678	200.000	210(A)
	90 Ethylbenzene	106	7.929	7.929	(1.006)	2755870	200.000	200(A)
	91 Xylene (total)mp	106	8.057	8.057	(1.023)	16024652	400.000	940(A)
	92 Xylene (total)o	106	8.443	8.443	(1.072)	3289840	200.000	200(A)
	93 Styrene	104	8.482	8.482	(1.077)	5499219	200.000	200(A)
	94 Bromoform	173	8.502	8.502	(1.079)	1174390	200.000	220(A)
*	95 1,4-Dichlorobenzene-d4	152	9.930	9.930	(1.000)	227040	25.0000	
	96 Isopropylbenzene	105	8.719	8.719	(0.878)	7618579	200.000	200(A)
	97 Bromobenzene	156	9.044	9.044	(0.911)	1814452	200.000	200(A)
	98 1,1,2,2-Tetrachloroethane	83	9.152	9.152	(0.922)	2405591	200.000	200(AH)
	99 4-Ethyltoluene	105	9.182	9.182	(0.925)	7805769	200.000	200(AH)
	100 1,2,3-Trichloropropane	110	9.251	9.251	(0.932)	656123	200.000	200(A)
	101 trans-1,4-Dichloro-2-Butene	53	9.300	9.300	(0.937)	1362298	400.000	440(A)
	102 n-Propylbenzene	91	9.083	9.083	(0.915)	8777487	200.000	190(H)
	103 2-Chlorotoluene	91	9.211	9.211	(0.928)	5923103	200.000	200(H)
	104 4-Chlorotoluene	91	9.359	9.359	(0.942)	5392310	200.000	200(A)
	105 1,3,5-Trimethylbenzene	105	9.260	9.260	(0.933)	6079189	200.000	200(A)
	106 tert-Butylbenzene	119	9.536	9.536	(0.960)	5345969	200.000	200(A)
	107 1,2,4-Trimethylbenzene	105	9.595	9.595	(0.966)	6147249	200.000	200(A)
	108 sec-Butylbenzene	105	9.684	9.684	(0.975)	8534724	200.000	200(A)
	109 4-Isopropyltoluene	119	9.822	9.822	(0.989)	6728790	200.000	200(A)
	110 1,3-Dichlorobenzene	146	9.871	9.871	(0.994)	3193773	200.000	200(A)
	111 1,4-Dichlorobenzene	146	9.950	9.950	(1.002)	3147670	200.000	190
	112 1,2-Dichlorobenzene	146	10.305	10.305	(1.038)	2927710	200.000	200
	113 Benzyl Chloride	126	10.167	10.167	(1.024)	794222	200.000	230(A)
	114 1,4-Diethylbenzene	119	10.137	10.137	(1.021)	3316108	200.000	200(A)
	115 n-Butylbenzene	91	10.186	10.186	(1.026)	9754178	200.000	200
	118 1,2,4,5-Tetramethylbenzene	119	10.837	10.837	(1.091)	5402631	200.000	200(A)
	119 1,2-Dibromo-3-chloropropane	75	11.004	11.004	(1.108)	325173	200.000	220(A)
	120 Nitrobenzene	77	11.497	11.497	(1.158)	1429791	2000.00	2900(A)
	121 1,2,4-Trichlorobenzene	180	11.605	11.605	(1.169)	1837178	200.000	200(A)
	122 Hexachlorobutadiene	225	11.595	11.595	(1.168)	939617	200.000	200
	123 Naphthalene	128	11.881	11.881	(1.196)	5208630	200.000	200(A)
	124 1,2,3-Trichlorobenzene	180	12.048	12.048	(1.213)	1589269	200.000	190
$	125 Bromofluorobenzene	95	8.955	8.955	(0.902)	2210926	200.000	200
M	126 1,2-Dichloroethene (total)	100				3791042	400.000	360
M	127 Xylene (total)	100				19314492	600.000	1100

QC Flag Legend

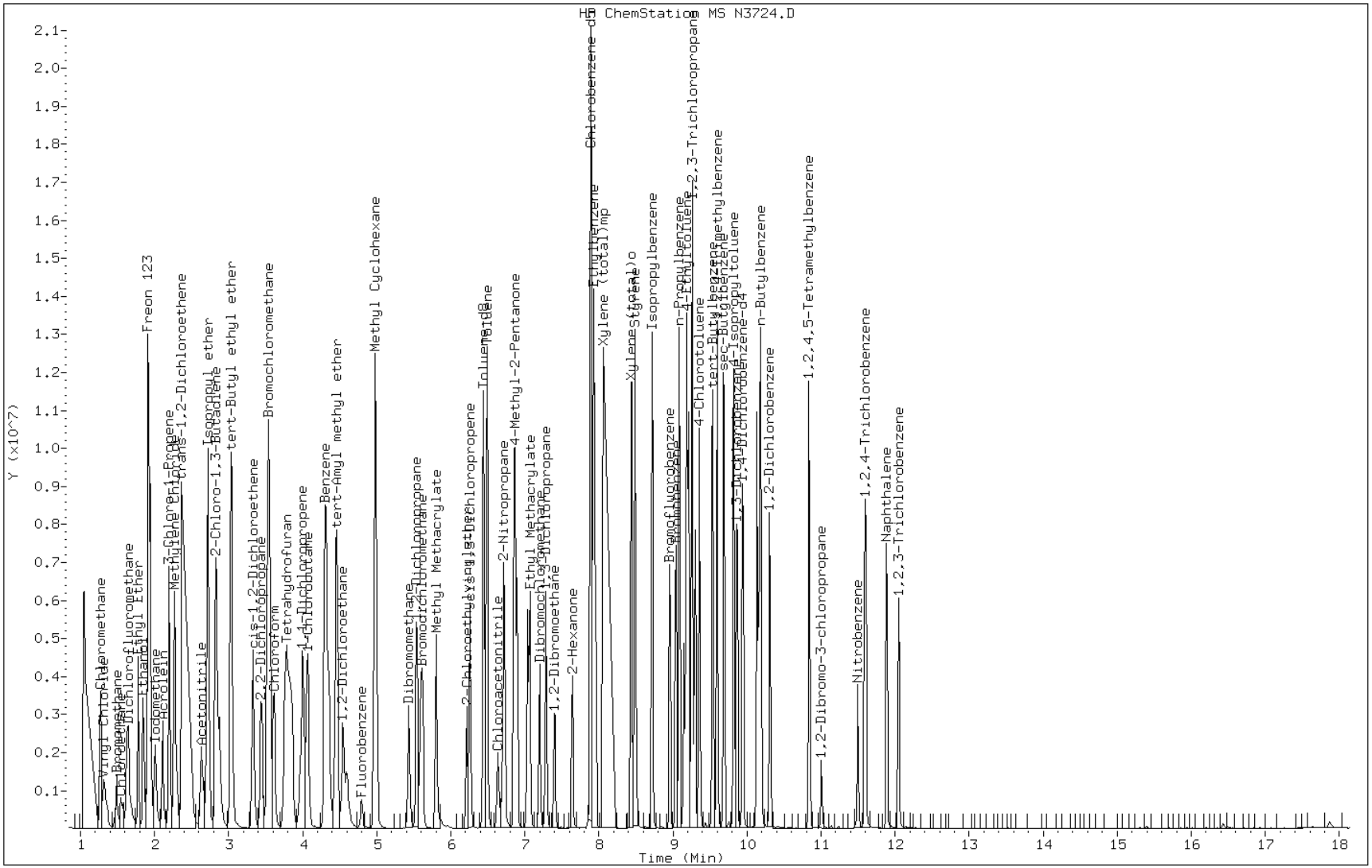
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3724.D

Date: 13-JUL-2011 17:15

Client ID: IC;200 Instrument: msn.i

Sample Info: IC;200 Operator: D. HUMBERT



Manual Integration Report

Data File: N3724.D
Inj. Date and Time: 13-JUL-2011 17:15
Instrument ID: msn.i
Client ID: IC;200
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

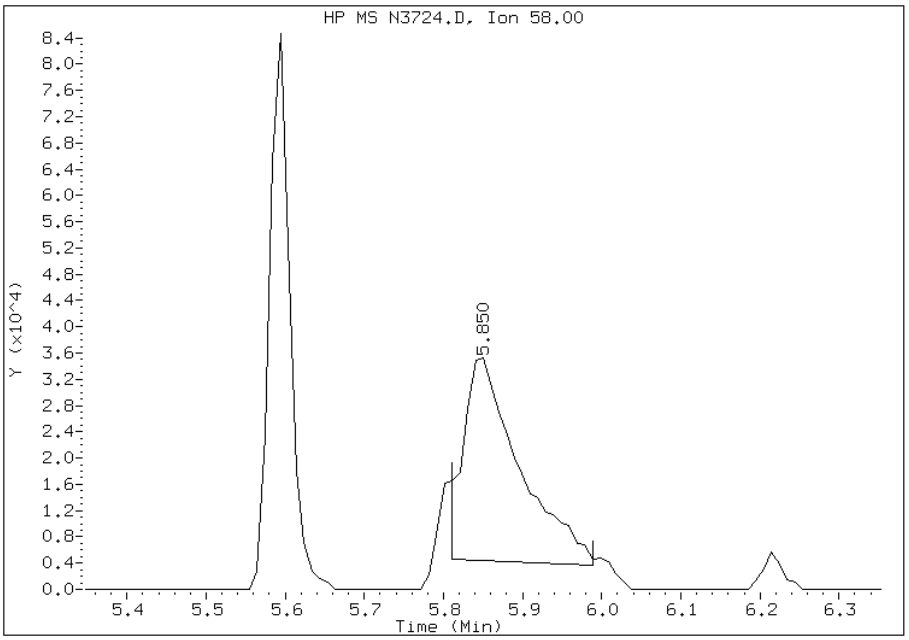
Processing Integration Results

RT: 5.85

Response: 156930

Amount: 1847

Conc: 1847



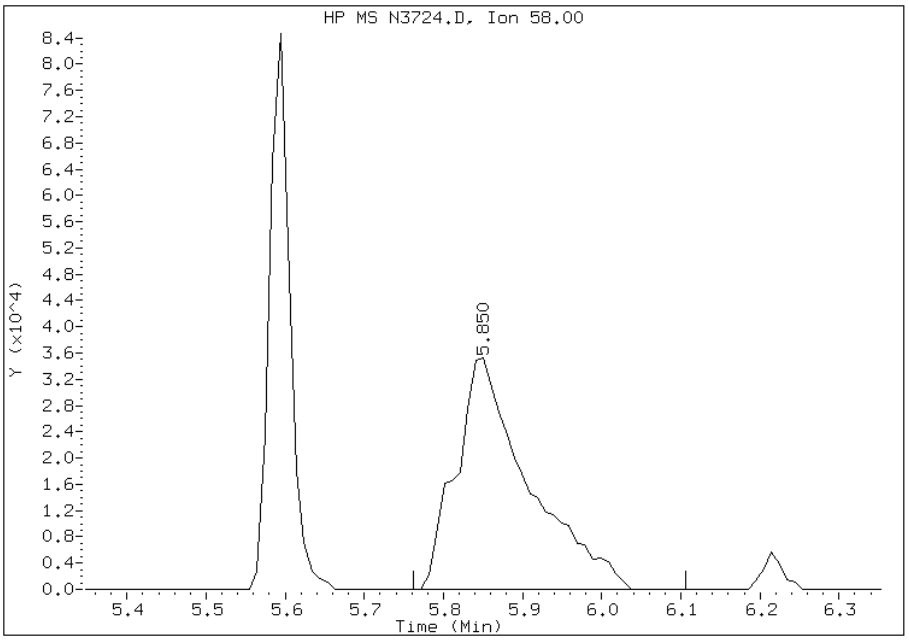
Manual Integration Results

RT: 5.85

Response: 225605

Amount: 2291

Conc: 2291



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3725.D
Lab Smp Id: IC;150 Client Smp ID: IC;150
Inj Date : 13-JUL-2011 17:41 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;150
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 100 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.800	4.800	(1.000)	730844	25.0000	
2	Dichlorodifluoromethane	85	1.214	1.214	(0.253)	470699	150.000	420(A)
3	Chloromethane	50	1.273	1.273	(0.265)	2453800	150.000	150
4	Vinyl Chloride	62	1.313	1.313	(0.274)	1687997	150.000	150
5	Bromomethane	94	1.480	1.480	(0.308)	553948	150.000	140
6	Chloroethane	64	1.549	1.549	(0.323)	774383	150.000	180
7	Trichlorofluoromethane	101	1.618	1.618	(0.337)	1489147	150.000	160
8	Dichlorofluoromethane	67	1.648	1.648	(0.343)	2282341	150.000	160
9	Ethyl Ether	45	1.786	1.786	(0.372)	1203989	150.000	160
10	Ethanol	45	1.845	1.845	(0.384)	794344	1500.00	1800
12	Freon 123	67	1.914	1.914	(0.399)	409636	150.000	150
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.401)	1528919	150.000	150
14	1,1-Dichloroethene	96	1.914	1.914	(0.399)	1256870	150.000	150
15	Carbon Disulfide	76	1.943	1.943	(0.405)	5429780	150.000	150
16	Iodomethane	142	2.012	2.012	(0.419)	1705173	150.000	160
17	Acrolein	56	2.111	2.111	(0.440)	1683278	750.000	750
18	2-Propanol	45	2.032	2.032	(0.423)	142311	150.000	140
19	3-Chloro-1-Propene	41	2.199	2.199	(0.458)	3137991	150.000	150
20	Methylene Chloride	84	2.268	2.268	(0.473)	1692718	150.000	76
21	Acetone	43	2.298	2.298	(0.479)	1053312	150.000	140

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.495)	1538259	150.000	210(A)
	23 Methyl Acetate	43	2.367	2.367	(0.493)	10530741	150.000	110
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.510)	4305397	150.000	0.0
	25 tert-Butyl alcohol	59	2.485	2.485	(0.518)	1457024	750.000	0.0(H)
	26 Acetonitrile	41	2.633	2.633	(0.549)	2599928	1500.00	1600
	27 Isopropyl ether	45	2.722	2.722	(0.567)	7236639	150.000	150
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.633)	5439348	150.000	150
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.590)	1451364	150.000	150
	30 Acrylonitrile	53	2.879	2.879	(0.600)	1837148	300.000	300
	31 1,1-Dichloroethane	63	2.850	2.850	(0.594)	2982232	150.000	150
	32 Vinyl Acetate	43	3.047	3.047	(0.635)	4773306	150.000	150
	33 cis-1,2-Dichloroethene	96	3.332	3.332	(0.694)	1722796	150.000	150
	34 2,2-Dichloropropane	77	3.441	3.441	(0.717)	1913463	150.000	150
	35 Bromochloromethane	128	3.539	3.539	(0.737)	880280	150.000	150
	37 Cyclohexane	84	3.549	3.549	(0.739)	2400461	150.000	150
	38 Chloroform	83	3.608	3.608	(0.752)	2428227	150.000	150
	39 Ethyl Acetate	43	3.746	3.746	(0.780)	289709	300.000	270
	40 Methyl Acrylate	55	3.756	3.756	(0.782)	2071612	150.000	150
$	41 Dibromofluoromethane	111	3.815	3.815	(0.795)	1690633	150.000	160
	42 Tetrahydrofuran	42	3.795	3.795	(0.791)	1744788	300.000	300
	43 Carbon Tetrachloride	117	3.776	3.776	(0.787)	1560914	150.000	150
	44 1,1,1-Trichloroethane	97	3.854	3.854	(0.803)	1876824	150.000	150
	45 2-Butanone	43	3.963	3.963	(0.826)	1492052	150.000	140
	46 1,1-Dichloropropene	75	4.002	4.002	(0.834)	2092794	150.000	150
	47 tert-Amyl methyl ether	73	4.455	4.455	(0.928)	4425955	150.000	150
	49 1-Chlorobutane	56	4.071	4.071	(0.848)	3498587	150.000	150
	51 Propionitrile	54	4.327	4.327	(0.902)	3309701	1500.00	1600
	52 Benzene	78	4.308	4.308	(0.897)	6053560	150.000	150
	53 2-Methyl-2-Propenenitrile	41	4.357	4.357	(0.908)	1465873	150.000	150
	54 Isobutyl alcohol	42	4.583	4.583	(0.955)	829787	1500.00	1600
$	55 1,2-Dichloroethane-d4	65	4.465	4.465	(0.930)	1438798	150.000	150
	56 1,2-Dichloroethane	62	4.544	4.544	(0.947)	1747509	150.000	150
	59 Methyl Cyclohexane	83	4.978	4.978	(1.037)	2697778	150.000	150
	60 Trichloroethene	130	4.987	4.987	(1.039)	1591517	150.000	150
	63 Dibromomethane	93	5.431	5.431	(1.131)	1046612	150.000	150
	64 1,2-Dichloropropane	63	5.539	5.539	(1.154)	1870858	150.000	150
	65 Bromodichloromethane	83	5.618	5.618	(1.170)	1781016	150.000	150
	66 Methyl Methacrylate	69	5.805	5.805	(1.209)	1445060	150.000	150
	67 1,4-Dioxane	58	5.835	5.835	(1.215)	147902	1500.00	1300
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.296)	945491	150.000	150
	174 Ethyl acrylate	55	5.588	5.588	(1.164)	3090455	150.000	170(A)
	70 cis-1,3-Dichloropropene	75	6.258	6.258	(1.304)	2507437	150.000	150
	71 Chloroacetonitrile	48	6.633	6.633	(1.382)	917426	1500.00	1600
	72 2-Nitropropane	41	6.702	6.702	(1.396)	920119	300.000	300
	73 trans-1,3-Dichloropropene	75	6.899	6.899	(1.437)	2182924	150.000	150
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.466)	1355427	150.000	150
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	600964	25.0000	
	76 Toluene	91	6.495	6.495	(0.825)	6185072	150.000	150
$	77 Toluene-d8	98	6.445	6.445	(0.819)	5399164	150.000	150
	78 1,1-Dichloro-2-propanone	43	6.721	6.721	(0.854)	7072698	750.000	740
	79 4-Methyl-2-Pentanone	43	6.859	6.859	(0.871)	2530681	150.000	150
	80 Tetrachloroethene	164	6.859	6.859	(0.871)	1078844	150.000	150
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	2116921	150.000	150
	82 Dibromochloromethane	129	7.204	7.204	(0.915)	1562253	150.000	150

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.283	7.283	(0.925)	2456393	150.000	150
84	1,2-Dibromoethane	107	7.401	7.401	(0.940)	1636694	150.000	150
86	2-Hexanone	43	7.637	7.637	(0.970)	1942273	150.000	140
87	1-Chlorohexane	91	7.894	7.894	(1.002)	2229276	150.000	140
88	Chlorobenzene	112	7.894	7.894	(1.002)	4152598	150.000	150
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	1340691	150.000	150
90	Ethylbenzene	106	7.923	7.923	(1.006)	2103710	150.000	150
91	Xylene (total)mp	106	8.061	8.061	(1.024)	5336244	300.000	0.0
92	Xylene (total)o	106	8.435	8.435	(1.071)	2467570	150.000	150
93	Styrene	104	8.485	8.485	(1.078)	4248277	150.000	150
94	Bromoform	173	8.495	8.495	(1.079)	878430	150.000	150
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	227721	25.0000	
96	Isopropylbenzene	105	8.721	8.721	(0.878)	5836592	150.000	150
97	Bromobenzene	156	9.036	9.036	(0.910)	1405787	150.000	150
98	1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	1834198	150.000	150
99	4-Ethyltoluene	105	9.184	9.184	(0.925)	5974471	150.000	150(H)
100	1,2,3-Trichloropropane	110	9.253	9.253	(0.932)	520384	150.000	160
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	1024952	300.000	300
102	n-Propylbenzene	91	9.086	9.086	(0.915)	7334655	150.000	170
103	2-Chlorotoluene	91	9.204	9.204	(0.927)	4577494	150.000	150
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	4078925	150.000	150
105	1,3,5-Trimethylbenzene	105	9.263	9.263	(0.933)	4764373	150.000	160
106	tert-Butylbenzene	119	9.529	9.529	(0.959)	4106416	150.000	150
107	1,2,4-Trimethylbenzene	105	9.598	9.598	(0.966)	4707951	150.000	150
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	6553211	150.000	150
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	5124379	150.000	150
110	1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	2444030	150.000	150
111	1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	2478558	150.000	160
112	1,2-Dichlorobenzene	146	10.307	10.307	(1.038)	2250053	150.000	150
113	Benzyl Chloride	126	10.160	10.160	(1.023)	590189	150.000	150
114	1,4-Diethylbenzene	119	10.130	10.130	(1.020)	2515230	150.000	150
115	n-Butylbenzene	91	10.179	10.179	(1.025)	8022241	150.000	160
118	1,2,4,5-Tetramethylbenzene	119	10.839	10.839	(1.091)	4103235	150.000	150
119	1,2-Dibromo-3-chloropropane	75	10.997	10.997	(1.107)	247361	150.000	150
120	Nitrobenzene	77	11.489	11.489	(1.157)	1046466	1500.00	1400
121	1,2,4-Trichlorobenzene	180	11.598	11.598	(1.168)	1359449	150.000	150
122	Hexachlorobutadiene	225	11.588	11.588	(1.167)	715924	150.000	150
123	Naphthalene	128	11.884	11.884	(1.196)	4003952	150.000	150
124	1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	1217968	150.000	150
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	1745176	150.000	160
M 126	1,2-Dichloroethene (total)	100				3261055	300.000	360
M 127	Xylene (total)	100				7803814	450.000	150

QC Flag Legend

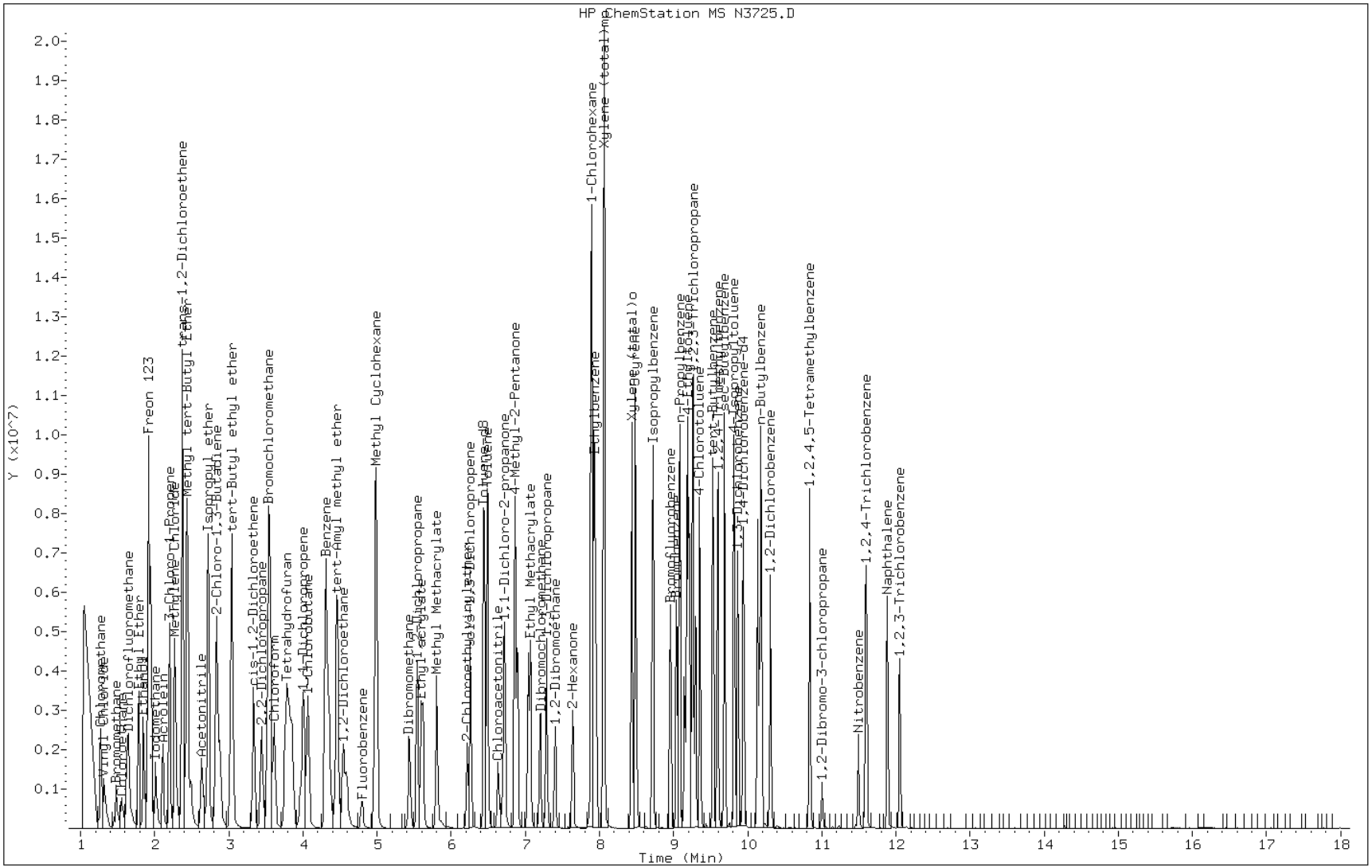
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: N3725.D

Date: 13-JUL-2011 17:41

Client ID: IC;150 Instrument: msn.i

Sample Info: IC;150 Operator: D. HUMBERT



Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3726.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 13-JUL-2011 18:21 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 17:41 Cal File: N3725.D
Als bottle: 100 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.801	4.801	(1.000)	769182	25.0000	
2	Dichlorodifluoromethane	85	1.215	1.215	(0.253)	258784	100.000	120
3	Chloromethane	50	1.274	1.274	(0.265)	1649034	100.000	95
4	Vinyl Chloride	62	1.313	1.313	(0.274)	1132467	100.000	97
5	Bromomethane	94	1.481	1.481	(0.308)	462808	100.000	110
6	Chloroethane	64	1.550	1.550	(0.323)	617745	100.000	120
7	Trichlorofluoromethane	101	1.628	1.628	(0.339)	1042639	100.000	100
8	Dichlorofluoromethane	67	1.648	1.648	(0.343)	1600351	100.000	100
9	Ethyl Ether	45	1.786	1.786	(0.372)	855163	100.000	100
10	Ethanol	45	1.845	1.845	(0.384)	535373	1000.00	1000
12	Freon 123	67	1.914	1.914	(0.399)	277791	100.000	98
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.401)	1040234	100.000	98
14	1,1-Dichloroethene	96	1.914	1.914	(0.399)	856259	100.000	98
15	Carbon Disulfide	76	1.944	1.944	(0.405)	3613695	100.000	95
16	Iodomethane	142	2.013	2.013	(0.419)	1158858	100.000	99
17	Acrolein	56	2.111	2.111	(0.440)	1116918	500.000	470
18	2-Propanol	45	2.032	2.032	(0.423)	94223	100.000	91
19	3-Chloro-1-Propene	41	2.200	2.200	(0.458)	2132891	100.000	97
20	Methylene Chloride	84	2.269	2.269	(0.473)	1163552	100.000	66
21	Acetone	43	2.288	2.288	(0.477)	810295	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.495)	1037704	100.000	110
	23 Methyl Acetate	43	2.367	2.367	(0.493)	7081331	100.000	130
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.510)	2951487	100.000	98
	25 tert-Butyl alcohol	59	2.485	2.485	(0.518)	926472	500.000	450(H)
	26 Acetonitrile	41	2.633	2.633	(0.549)	1656565	1000.00	930
	27 Isopropyl ether	45	2.722	2.722	(0.567)	4964996	100.000	97
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.633)	3730091	100.000	98
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.590)	963718	100.000	94
	30 Acrylonitrile	53	2.879	2.879	(0.600)	1290327	200.000	200
	31 1,1-Dichloroethane	63	2.840	2.840	(0.592)	2029902	100.000	98
	32 Vinyl Acetate	43	3.037	3.037	(0.633)	3302164	100.000	98
	33 cis-1,2-Dichloroethene	96	3.333	3.333	(0.694)	1156231	100.000	96
	34 2,2-Dichloropropane	77	3.441	3.441	(0.717)	1254223	100.000	94
	35 Bromochloromethane	128	3.540	3.540	(0.737)	589229	100.000	97
	37 Cyclohexane	84	3.549	3.549	(0.739)	1617079	100.000	96
	38 Chloroform	83	3.608	3.608	(0.752)	1627838	100.000	96
	39 Ethyl Acetate	43	3.746	3.746	(0.780)	197805	200.000	220
	40 Methyl Acrylate	55	3.756	3.756	(0.782)	1374213	100.000	95
$	41 Dibromofluoromethane	111	3.815	3.815	(0.795)	1153007	100.000	99
	42 Tetrahydrofuran	42	3.786	3.786	(0.789)	1125242	200.000	180
	43 Carbon Tetrachloride	117	3.776	3.776	(0.787)	1023789	100.000	94
	44 1,1,1-Trichloroethane	97	3.855	3.855	(0.803)	1246072	100.000	95
	45 2-Butanone	43	3.963	3.963	(0.826)	1051659	100.000	98
	46 1,1-Dichloropropene	75	4.003	4.003	(0.834)	1416195	100.000	96
	47 tert-Amyl methyl ether	73	4.456	4.456	(0.928)	3042366	100.000	99
	49 1-Chlorobutane	56	4.062	4.062	(0.846)	2341934	100.000	96
	51 Propionitrile	54	4.328	4.328	(0.902)	2122871	1000.00	930
	52 Benzene	78	4.308	4.308	(0.897)	4054672	100.000	96
	53 2-Methyl-2-Propenenitrile	41	4.347	4.347	(0.906)	969546	100.000	94
	54 Isobutyl alcohol	42	4.584	4.584	(0.955)	549170	1000.00	960
$	55 1,2-Dichloroethane-d4	65	4.466	4.466	(0.930)	1000415	100.000	100
	56 1,2-Dichloroethane	62	4.544	4.544	(0.947)	1181570	100.000	97
	59 Methyl Cyclohexane	83	4.978	4.978	(1.037)	1839603	100.000	98
	60 Trichloroethene	130	4.988	4.988	(1.039)	1045680	100.000	94
	63 Dibromomethane	93	5.431	5.431	(1.131)	704730	100.000	97
	64 1,2-Dichloropropane	63	5.539	5.539	(1.154)	1255585	100.000	97
	65 Bromodichloromethane	83	5.618	5.618	(1.170)	1184445	100.000	96
	66 Methyl Methacrylate	69	5.805	5.805	(1.209)	974099	100.000	97
	67 1,4-Dioxane	58	5.835	5.835	(1.215)	95552	1000.00	860
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.295)	658676	100.000	99
	174 Ethyl acrylate	55	5.589	5.589	(1.164)	1835090	100.000	89(A)
	70 cis-1,3-Dichloropropene	75	6.259	6.259	(1.304)	1683025	100.000	96
	71 Chloroacetonitrile	48	6.633	6.633	(1.382)	592031	1000.00	940
	72 2-Nitropropane	41	6.702	6.702	(1.396)	576411	200.000	180
	73 trans-1,3-Dichloropropene	75	6.889	6.889	(1.435)	1476409	100.000	97
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.466)	924873	100.000	99
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	621382	25.0000	
	76 Toluene	91	6.485	6.485	(0.824)	4116664	100.000	96
$	77 Toluene-d8	98	6.436	6.436	(0.817)	3638862	100.000	99
	78 1,1-Dichloro-2-propanone	43	6.722	6.722	(0.854)	4527963	500.000	460
	79 4-Methyl-2-Pentanone	43	6.860	6.860	(0.871)	1675634	100.000	96
	80 Tetrachloroethene	164	6.860	6.860	(0.871)	731319	100.000	98
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	1439565	100.000	99
	82 Dibromochloromethane	129	7.204	7.204	(0.915)	1043822	100.000	98

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.283	7.283	(0.925)	1675941	100.000	99
84	1,2-Dibromoethane	107	7.401	7.401	(0.940)	1106473	100.000	99
86	2-Hexanone	43	7.638	7.638	(0.970)	1367954	100.000	100
87	1-Chlorohexane	91	7.894	7.894	(1.002)	1539120	100.000	96
88	Chlorobenzene	112	7.894	7.894	(1.002)	2776451	100.000	98
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	891702	100.000	97
90	Ethylbenzene	106	7.924	7.924	(1.006)	1409970	100.000	98
91	Xylene (total)mp	106	8.061	8.061	(1.024)	3608835	200.000	200
92	Xylene (total)o	106	8.436	8.436	(1.071)	1687014	100.000	99
93	Styrene	104	8.485	8.485	(1.078)	2885107	100.000	100
94	Bromoform	173	8.495	8.495	(1.079)	587538	100.000	96
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	243723	25.0000	
96	Isopropylbenzene	105	8.721	8.721	(0.878)	3952636	100.000	96
97	Bromobenzene	156	9.037	9.037	(0.910)	954707	100.000	96
98	1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	1243114	100.000	96
99	4-Ethyltoluene	105	9.185	9.185	(0.925)	4116027	100.000	97(H)
100	1,2,3-Trichloropropane	110	9.253	9.253	(0.932)	342368	100.000	95
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	692339	200.000	190
102	n-Propylbenzene	91	9.086	9.086	(0.915)	5016158	100.000	100
103	2-Chlorotoluene	91	9.204	9.204	(0.927)	3157171	100.000	98
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	2828510	100.000	97
105	1,3,5-Trimethylbenzene	105	9.263	9.263	(0.933)	3171794	100.000	95
106	tert-Butylbenzene	119	9.529	9.529	(0.959)	2778459	100.000	96
107	1,2,4-Trimethylbenzene	105	9.598	9.598	(0.966)	3202151	100.000	96
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	4419202	100.000	95
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	3509377	100.000	96
110	1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	1696305	100.000	98
111	1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	1698237	100.000	98
112	1,2-Dichlorobenzene	146	10.308	10.308	(1.038)	1575325	100.000	99
113	Benzyl Chloride	126	10.160	10.160	(1.023)	393944	100.000	93
114	1,4-Diethylbenzene	119	10.130	10.130	(1.020)	1743003	100.000	98
115	n-Butylbenzene	91	10.180	10.180	(1.025)	5535081	100.000	100
118	1,2,4,5-Tetramethylbenzene	119	10.840	10.840	(1.091)	2850006	100.000	98
119	1,2-Dibromo-3-chloropropane	75	11.007	11.007	(1.108)	160106	100.000	91
120	Nitrobenzene	77	11.500	11.500	(1.158)	603979	1000.00	800
121	1,2,4-Trichlorobenzene	180	11.608	11.608	(1.169)	999477	100.000	100
122	Hexachlorobutadiene	225	11.588	11.588	(1.167)	492080	100.000	97
123	Naphthalene	128	11.884	11.884	(1.196)	2757696	100.000	98
124	1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	879725	100.000	100
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	1217509	100.000	100
M 126	1,2-Dichloroethene (total)	100				2193935	200.000	210
M 127	Xylene (total)	100				5295849	300.000	300

QC Flag Legend

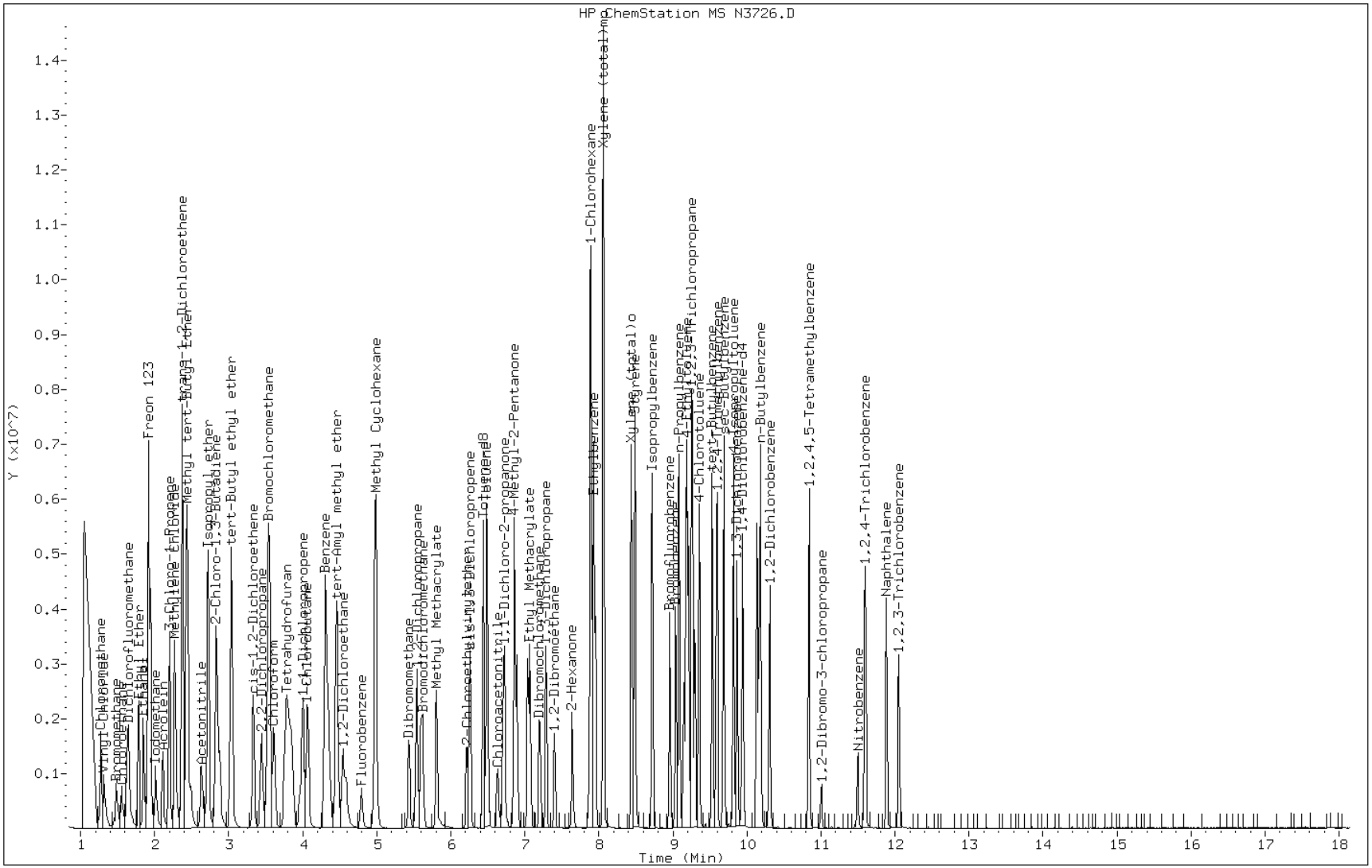
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: N3726.D

Date: 13-JUL-2011 18:21

Client ID: IC;100 Instrument: msn.i

Sample Info: IC;100 Operator: D. HUMBERT



Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3727.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 13-JUL-2011 18:46 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
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Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
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Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 18:21 Cal File: N3726.D
Als bottle: 100 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.791	4.791	(1.000)	758998	25.0000	
2	Dichlorodifluoromethane	85	1.215	1.215	(0.254)	119524	50.0000	51
3	Chloromethane	50	1.274	1.274	(0.266)	836506	50.0000	50
4	Vinyl Chloride	62	1.313	1.313	(0.274)	590823	50.0000	52
5	Bromomethane	94	1.481	1.481	(0.309)	289883	50.0000	70
6	Chloroethane	64	1.550	1.550	(0.324)	359399	50.0000	68
7	Trichlorofluoromethane	101	1.629	1.629	(0.340)	546040	50.0000	54
8	Dichlorofluoromethane	67	1.648	1.648	(0.344)	857570	50.0000	56
9	Ethyl Ether	45	1.786	1.786	(0.373)	439848	50.0000	53
10	Ethanol	45	1.845	1.845	(0.385)	300726	500.000	580
12	Freon 123	67	1.914	1.914	(0.400)	118741	50.0000	43
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.402)	511302	50.0000	49
14	1,1-Dichloroethene	96	1.914	1.914	(0.400)	424684	50.0000	50
15	Carbon Disulfide	76	1.944	1.944	(0.406)	1759798	50.0000	48
16	Iodomethane	142	2.013	2.013	(0.420)	577920	50.0000	50
17	Acrolein	56	2.111	2.111	(0.441)	560311	250.000	240
18	2-Propanol	45	2.033	2.033	(0.424)	56407	50.0000	57
19	3-Chloro-1-Propene	41	2.200	2.200	(0.459)	1058437	50.0000	49
20	Methylene Chloride	84	2.269	2.269	(0.474)	609619	50.0000	40
21	Acetone	43	2.289	2.289	(0.478)	374450	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.496)	516947	50.0000	54
	23 Methyl Acetate	43	2.368	2.368	(0.494)	3482493	50.0000	41
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.511)	1423011	50.0000	48
	25 tert-Butyl alcohol	59	2.486	2.486	(0.519)	460839	250.000	240(H)
	26 Acetonitrile	41	2.624	2.624	(0.548)	872711	500.000	510
	27 Isopropyl ether	45	2.722	2.722	(0.568)	2437433	50.0000	49
	28 tert-Butyl ethyl ether	59	3.028	3.028	(0.632)	1839842	50.0000	49
	29 2-Chloro-1,3-Butadiene	88	2.831	2.831	(0.591)	471547	50.0000	48
	30 Acrylonitrile	53	2.880	2.880	(0.601)	651638	100.000	100
	31 1,1-Dichloroethane	63	2.840	2.840	(0.593)	1004622	50.0000	49
	32 Vinyl Acetate	43	3.047	3.047	(0.636)	1631575	50.0000	49
	33 cis-1,2-Dichloroethene	96	3.333	3.333	(0.696)	577199	50.0000	49
	34 2,2-Dichloropropane	77	3.441	3.441	(0.718)	626982	50.0000	49
	35 Bromochloromethane	128	3.540	3.540	(0.739)	297486	50.0000	50
	37 Cyclohexane	84	3.550	3.550	(0.741)	802547	50.0000	49
	38 Chloroform	83	3.609	3.609	(0.753)	814679	50.0000	49
	39 Ethyl Acetate	43	3.747	3.747	(0.782)	106313	100.000	130
	40 Methyl Acrylate	55	3.757	3.757	(0.784)	681087	50.0000	48
$	41 Dibromofluoromethane	111	3.816	3.816	(0.796)	286209	25.0000	25
	42 Tetrahydrofuran	42	3.786	3.786	(0.790)	568227	100.000	97
	43 Carbon Tetrachloride	117	3.776	3.776	(0.788)	510068	50.0000	48
	44 1,1,1-Trichloroethane	97	3.855	3.855	(0.805)	616285	50.0000	48
	45 2-Butanone	43	3.964	3.964	(0.827)	487874	50.0000	46
	46 1,1-Dichloropropene	75	4.003	4.003	(0.836)	698041	50.0000	49
	47 tert-Amyl methyl ether	73	4.456	4.456	(0.930)	1475093	50.0000	49
	49 1-Chlorobutane	56	4.062	4.062	(0.848)	1155684	50.0000	49
	51 Propionitrile	54	4.318	4.318	(0.901)	1072172	500.000	490
	52 Benzene	78	4.308	4.308	(0.899)	2007111	50.0000	49
	53 2-Methyl-2-Propenenitrile	41	4.348	4.348	(0.907)	480735	50.0000	48
	54 Isobutyl alcohol	42	4.584	4.584	(0.957)	272204	500.000	490
$	55 1,2-Dichloroethane-d4	65	4.466	4.466	(0.932)	250676	25.0000	25
	56 1,2-Dichloroethane	62	4.545	4.545	(0.949)	590539	50.0000	50
	59 Methyl Cyclohexane	83	4.978	4.978	(1.039)	907392	50.0000	49
	60 Trichloroethene	130	4.988	4.988	(1.041)	528678	50.0000	49
	63 Dibromomethane	93	5.431	5.431	(1.134)	343000	50.0000	48
	64 1,2-Dichloropropane	63	5.540	5.540	(1.156)	635341	50.0000	50
	65 Bromodichloromethane	83	5.619	5.619	(1.173)	567279	50.0000	47
	66 Methyl Methacrylate	69	5.806	5.806	(1.212)	477353	50.0000	49
	67 1,4-Dioxane	58	5.826	5.826	(1.216)	52767	500.000	510
	69 2-Chloroethylvinylether	63	6.220	6.220	(1.298)	317879	50.0000	49
	174 Ethyl acrylate	55	5.589	5.589	(1.167)	962530	50.0000	49(A)
	70 cis-1,3-Dichloropropene	75	6.259	6.259	(1.306)	827197	50.0000	48
	71 Chloroacetonitrile	48	6.633	6.633	(1.384)	285760	500.000	470
	72 2-Nitropropane	41	6.702	6.702	(1.399)	283765	100.000	93
	73 trans-1,3-Dichloropropene	75	6.899	6.899	(1.440)	701147	50.0000	47
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.469)	459390	50.0000	50
*	75 Chlorobenzene-d5	117	7.875	7.875	(1.000)	630483	25.0000	
	76 Toluene	91	6.486	6.486	(0.824)	2027680	50.0000	47
$	77 Toluene-d8	98	6.446	6.446	(0.819)	904776	25.0000	24
	78 1,1-Dichloro-2-propanone	43	6.722	6.722	(0.854)	2206343	250.000	230
	79 4-Methyl-2-Pentanone	43	6.860	6.860	(0.871)	816757	50.0000	47
	80 Tetrachloroethene	164	6.860	6.860	(0.871)	362726	50.0000	48
	81 Ethyl Methacrylate	69	7.067	7.067	(0.897)	693219	50.0000	47
	82 Dibromochloromethane	129	7.205	7.205	(0.915)	502192	50.0000	47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.284	7.284	(0.925)	826639	50.0000	48
84	1,2-Dibromoethane	107	7.402	7.402	(0.940)	537616	50.0000	47
86	2-Hexanone	43	7.638	7.638	(0.970)	627413	50.0000	45
87	1-Chlorohexane	91	7.894	7.894	(1.002)	765236	50.0000	48
88	Chlorobenzene	112	7.894	7.894	(1.002)	1389979	50.0000	49
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	433561	50.0000	47
90	Ethylbenzene	106	7.924	7.924	(1.006)	707607	50.0000	49
91	Xylene (total)mp	106	8.062	8.062	(1.024)	1794855	100.000	97
92	Xylene (total)o	106	8.436	8.436	(1.071)	853927	50.0000	50
93	Styrene	104	8.485	8.485	(1.078)	1441705	50.0000	49
94	Bromoform	173	8.495	8.495	(1.079)	276590	50.0000	45
* 95	1,4-Dichlorobenzene-d4	152	9.934	9.934	(1.000)	246434	25.0000	
96	Isopropylbenzene	105	8.722	8.722	(0.878)	2004896	50.0000	49
97	Bromobenzene	156	9.037	9.037	(0.910)	484944	50.0000	49
98	1,1,2,2-Tetrachloroethane	83	9.146	9.146	(0.921)	628247	50.0000	48
99	4-Ethyltoluene	105	9.185	9.185	(0.925)	2079791	50.0000	49(H)
100	1,2,3-Trichloropropane	110	9.254	9.254	(0.932)	174398	50.0000	48
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	339289	100.000	93
102	n-Propylbenzene	91	9.086	9.086	(0.915)	2540379	50.0000	50
103	2-Chlorotoluene	91	9.205	9.205	(0.927)	1627661	50.0000	50
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	1442886	50.0000	50
105	1,3,5-Trimethylbenzene	105	9.264	9.264	(0.933)	1643045	50.0000	50
106	tert-Butylbenzene	119	9.530	9.530	(0.959)	1431980	50.0000	50
107	1,2,4-Trimethylbenzene	105	9.599	9.599	(0.966)	1651313	50.0000	50
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	2282881	50.0000	50
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	1769459	50.0000	49
110	1,3-Dichlorobenzene	146	9.865	9.865	(0.993)	855601	50.0000	49
111	1,4-Dichlorobenzene	146	9.944	9.944	(1.001)	875107	50.0000	50
112	1,2-Dichlorobenzene	146	10.308	10.308	(1.038)	797798	50.0000	50
113	Benzyl Chloride	126	10.160	10.160	(1.023)	193531	50.0000	46
114	1,4-Diethylbenzene	119	10.131	10.131	(1.020)	883677	50.0000	49
115	n-Butylbenzene	91	10.180	10.180	(1.025)	2775788	50.0000	50
118	1,2,4,5-Tetramethylbenzene	119	10.840	10.840	(1.091)	1423658	50.0000	49
119	1,2-Dibromo-3-chloropropane	75	10.998	10.998	(1.107)	78779	50.0000	46
120	Nitrobenzene	77	11.500	11.500	(1.158)	241017	500.000	340
121	1,2,4-Trichlorobenzene	180	11.599	11.599	(1.168)	488645	50.0000	49
122	Hexachlorobutadiene	225	11.589	11.589	(1.167)	241870	50.0000	48
123	Naphthalene	128	11.884	11.884	(1.196)	1369463	50.0000	48
124	1,2,3-Trichlorobenzene	180	12.052	12.052	(1.213)	445034	50.0000	51
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	317449	25.0000	26
M 126	1,2-Dichloroethene (total)	100				1094146	100.000	100
M 127	Xylene (total)	100				2648782	150.000	150

QC Flag Legend

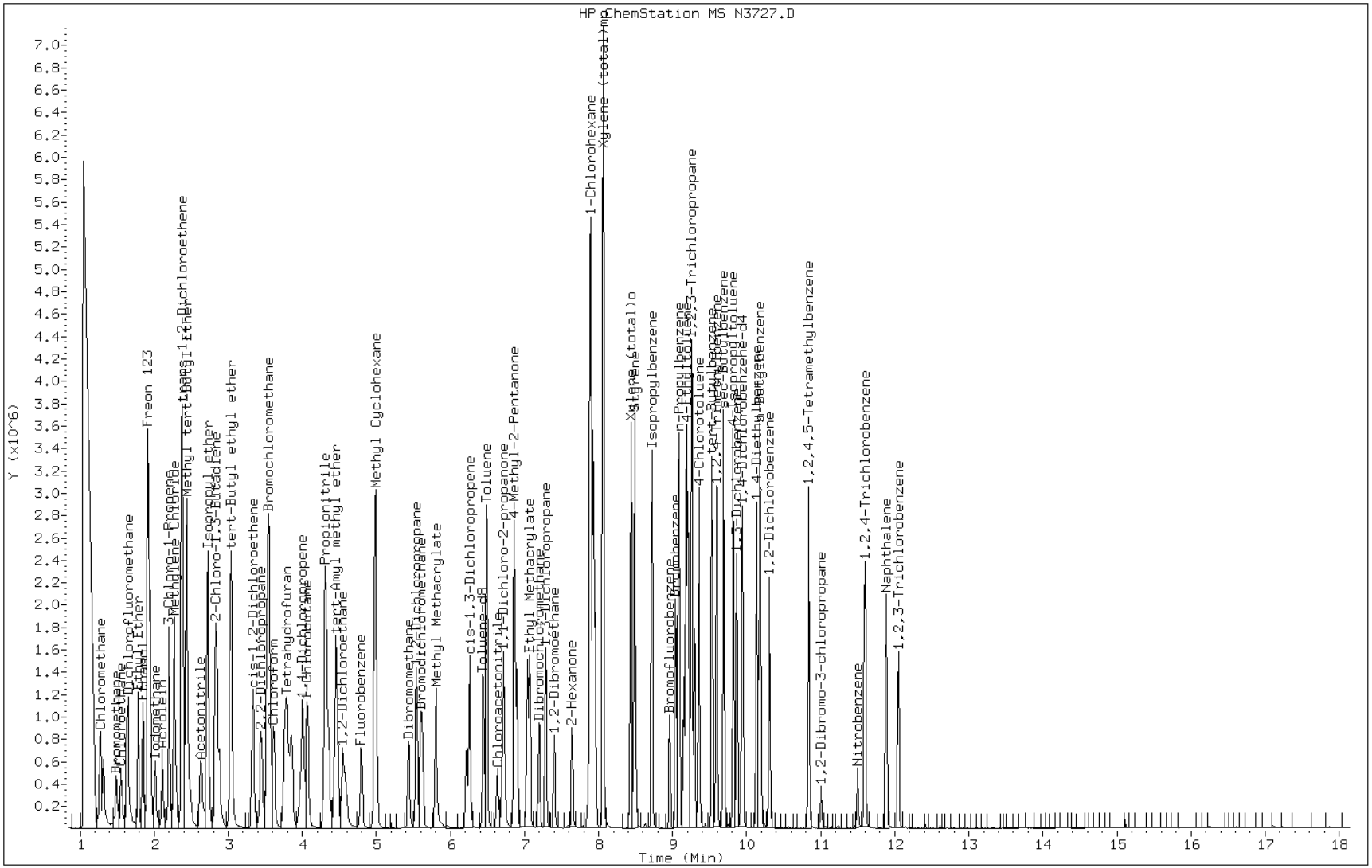
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: N3727.D

Date: 13-JUL-2011 18:46

Client ID: IC;50 Instrument: msn.i

Sample Info: IC;50 Operator: D. HUMBERT



Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3728.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 13-JUL-2011 19:11 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;20
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 18:46 Cal File: N3727.D
Als bottle: 100 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.791	4.791	(1.000)	726752	25.0000	
2	Dichlorodifluoromethane	85	1.215	1.215	(0.254)	42205	20.0000	19
3	Chloromethane	50	1.274	1.274	(0.266)	281887	20.0000	18
4	Vinyl Chloride	62	1.313	1.313	(0.274)	203448	20.0000	18
5	Bromomethane	94	1.481	1.481	(0.309)	104471	20.0000	24
6	Chloroethane	64	1.550	1.550	(0.324)	130017	20.0000	24
7	Trichlorofluoromethane	101	1.628	1.628	(0.340)	192489	20.0000	20
8	Dichlorofluoromethane	67	1.648	1.648	(0.344)	326985	20.0000	22
9	Ethyl Ether	45	1.786	1.786	(0.373)	171934	20.0000	21
10	Ethanol	45	1.845	1.845	(0.385)	108768	200.000	210
12	Freon 123	67	1.914	1.914	(0.400)	54292	20.0000	21
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.402)	192138	20.0000	19
14	1,1-Dichloroethene	96	1.914	1.914	(0.400)	156721	20.0000	19
15	Carbon Disulfide	76	1.944	1.944	(0.406)	628682	20.0000	18
16	Iodomethane	142	2.013	2.013	(0.420)	194596	20.0000	18
17	Acrolein	56	2.111	2.111	(0.441)	219018	100.000	100
18	2-Propanol	45	2.032	2.032	(0.424)	23962	20.0000	24
19	3-Chloro-1-Propene	41	2.200	2.200	(0.459)	396770	20.0000	19
20	Methylene Chloride	84	2.269	2.269	(0.474)	263072	20.0000	19
21	Acetone	43	2.288	2.288	(0.478)	160653	20.0000	22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.496)	190856	20.0000	20
	23 Methyl Acetate	43	2.367	2.367	(0.494)	1388128	20.0000	13
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.511)	557967	20.0000	20
	25 tert-Butyl alcohol	59	2.485	2.485	(0.519)	194579	100.000	110(H)
	26 Acetonitrile	41	2.633	2.633	(0.550)	347554	200.000	210
	27 Isopropyl ether	45	2.722	2.722	(0.568)	924942	20.0000	19
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.634)	700101	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.591)	176078	20.0000	19
	30 Acrylonitrile	53	2.879	2.879	(0.601)	253347	40.0000	41
	31 1,1-Dichloroethane	63	2.840	2.840	(0.593)	381175	20.0000	20
	32 Vinyl Acetate	43	3.047	3.047	(0.636)	641232	20.0000	20
	33 cis-1,2-Dichloroethene	96	3.333	3.333	(0.696)	215670	20.0000	19
	34 2,2-Dichloropropane	77	3.441	3.441	(0.718)	230964	20.0000	19
	35 Bromochloromethane	128	3.540	3.540	(0.739)	116855	20.0000	20
	37 Cyclohexane	84	3.549	3.549	(0.741)	290305	20.0000	19
	38 Chloroform	83	3.609	3.609	(0.753)	311138	20.0000	20
	39 Ethyl Acetate	43	3.746	3.746	(0.782)	51922	40.0000	65
	40 Methyl Acrylate	55	3.756	3.756	(0.784)	248306	20.0000	18
$	41 Dibromofluoromethane	111	3.815	3.815	(0.796)	212341	20.0000	19
	42 Tetrahydrofuran	42	3.796	3.796	(0.792)	228747	40.0000	41
	43 Carbon Tetrachloride	117	3.776	3.776	(0.788)	182600	20.0000	18
	44 1,1,1-Trichloroethane	97	3.855	3.855	(0.805)	231179	20.0000	19
	45 2-Butanone	43	3.963	3.963	(0.827)	193779	20.0000	20
	46 1,1-Dichloropropene	75	4.003	4.003	(0.836)	264836	20.0000	19
	47 tert-Amyl methyl ether	73	4.456	4.456	(0.930)	585105	20.0000	20
	49 1-Chlorobutane	56	4.062	4.062	(0.848)	440361	20.0000	19
	51 Propionitrile	54	4.328	4.328	(0.903)	413644	200.000	200
	52 Benzene	78	4.308	4.308	(0.899)	768992	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.357	4.357	(0.910)	190621	20.0000	20
	54 Isobutyl alcohol	42	4.584	4.584	(0.957)	107581	200.000	200
$	55 1,2-Dichloroethane-d4	65	4.466	4.466	(0.932)	187148	20.0000	20
	56 1,2-Dichloroethane	62	4.544	4.544	(0.949)	229918	20.0000	20
	59 Methyl Cyclohexane	83	4.978	4.978	(1.039)	341838	20.0000	19
	60 Trichloroethene	130	4.988	4.988	(1.041)	199525	20.0000	19
	63 Dibromomethane	93	5.431	5.431	(1.134)	132633	20.0000	20
	64 1,2-Dichloropropane	63	5.539	5.539	(1.156)	238357	20.0000	20
	65 Bromodichloromethane	83	5.618	5.618	(1.173)	217011	20.0000	19
	66 Methyl Methacrylate	69	5.805	5.805	(1.212)	180177	20.0000	19
	67 1,4-Dioxane	58	5.835	5.835	(1.218)	25046	200.000	250(M)
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.298)	121440	20.0000	20
	174 Ethyl acrylate	55	5.589	5.589	(1.167)	389823	20.0000	21(A)
	70 cis-1,3-Dichloropropene	75	6.259	6.259	(1.306)	307193	20.0000	19
	71 Chloroacetonitrile	48	6.633	6.633	(1.385)	106503	200.000	180
	72 2-Nitropropane	41	6.702	6.702	(1.399)	108827	40.0000	38
	73 trans-1,3-Dichloropropene	75	6.889	6.889	(1.438)	269040	20.0000	19
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.469)	179372	20.0000	20
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	611678	25.0000	
	76 Toluene	91	6.485	6.485	(0.824)	779174	20.0000	19
$	77 Toluene-d8	98	6.436	6.436	(0.817)	670095	20.0000	19
	78 1,1-Dichloro-2-propanone	43	6.722	6.722	(0.854)	846496	100.000	92
	79 4-Methyl-2-Pentanone	43	6.860	6.860	(0.871)	330919	20.0000	20
	80 Tetrachloroethene	164	6.860	6.860	(0.871)	138258	20.0000	19
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	262439	20.0000	19
	82 Dibromochloromethane	129	7.195	7.195	(0.914)	185435	20.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	83 1,3-Dichloropropane	76	7.283	7.283	(0.925)	326867	20.0000	20
	84 1,2-Dibromoethane	107	7.401	7.401	(0.940)	207315	20.0000	19
	86 2-Hexanone	43	7.638	7.638	(0.970)	245087	20.0000	19
	87 1-Chlorohexane	91	7.894	7.894	(1.002)	298791	20.0000	19
	88 Chlorobenzene	112	7.884	7.884	(1.001)	534346	20.0000	19
	89 1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	164953	20.0000	19
	90 Ethylbenzene	106	7.924	7.924	(1.006)	272774	20.0000	19
	91 Xylene (total)mp	106	8.061	8.061	(1.024)	693368	40.0000	39
	92 Xylene (total)o	106	8.436	8.436	(1.071)	332329	20.0000	20
	93 Styrene	104	8.485	8.485	(1.078)	552514	20.0000	19
	94 Bromoform	173	8.495	8.495	(1.079)	101230	20.0000	18
*	95 1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	246673	25.0000	
	96 Isopropylbenzene	105	8.722	8.722	(0.878)	773318	20.0000	19
	97 Bromobenzene	156	9.037	9.037	(0.910)	189321	20.0000	19
	98 1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	256277	20.0000	20
	99 4-Ethyltoluene	105	9.185	9.185	(0.925)	822255	20.0000	19(H)
	100 1,2,3-Trichloropropane	110	9.254	9.254	(0.932)	71486	20.0000	20
	101 trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	123923	40.0000	35
	102 n-Propylbenzene	91	9.076	9.076	(0.914)	985030	20.0000	19
	103 2-Chlorotoluene	91	9.204	9.204	(0.927)	639273	20.0000	20
	104 4-Chlorotoluene	91	9.352	9.352	(0.941)	569115	20.0000	20
	105 1,3,5-Trimethylbenzene	105	9.254	9.254	(0.932)	643311	20.0000	19
	106 tert-Butylbenzene	119	9.529	9.529	(0.959)	568647	20.0000	20
	107 1,2,4-Trimethylbenzene	105	9.588	9.588	(0.965)	644181	20.0000	19
	108 sec-Butylbenzene	105	9.687	9.687	(0.975)	916428	20.0000	20
	109 4-Isopropyltoluene	119	9.815	9.815	(0.988)	712613	20.0000	20
	110 1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	336727	20.0000	19
	111 1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	354131	20.0000	20
	112 1,2-Dichlorobenzene	146	10.308	10.308	(1.038)	316072	20.0000	20
	113 Benzyl Chloride	126	10.160	10.160	(1.023)	70360	20.0000	17
	114 1,4-Diethylbenzene	119	10.130	10.130	(1.020)	348589	20.0000	19
	115 n-Butylbenzene	91	10.180	10.180	(1.025)	1066807	20.0000	19
	118 1,2,4,5-Tetramethylbenzene	119	10.840	10.840	(1.091)	544926	20.0000	19
	119 1,2-Dibromo-3-chloropropane	75	10.997	10.997	(1.107)	28481	20.0000	17
	120 Nitrobenzene	77	11.490	11.490	(1.157)	66794	200.000	100
	121 1,2,4-Trichlorobenzene	180	11.598	11.598	(1.168)	197455	20.0000	20
	122 Hexachlorobutadiene	225	11.588	11.588	(1.167)	102304	20.0000	20
	123 Naphthalene	128	11.884	11.884	(1.196)	560982	20.0000	20
	124 1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	176834	20.0000	20
$	125 Bromofluorobenzene	95	8.958	8.958	(0.902)	238009	20.0000	19
M	126 1,2-Dichloroethene (total)	100				406526	40.0000	40
M	127 Xylene (total)	100				1025697	60.0000	59

QC Flag Legend

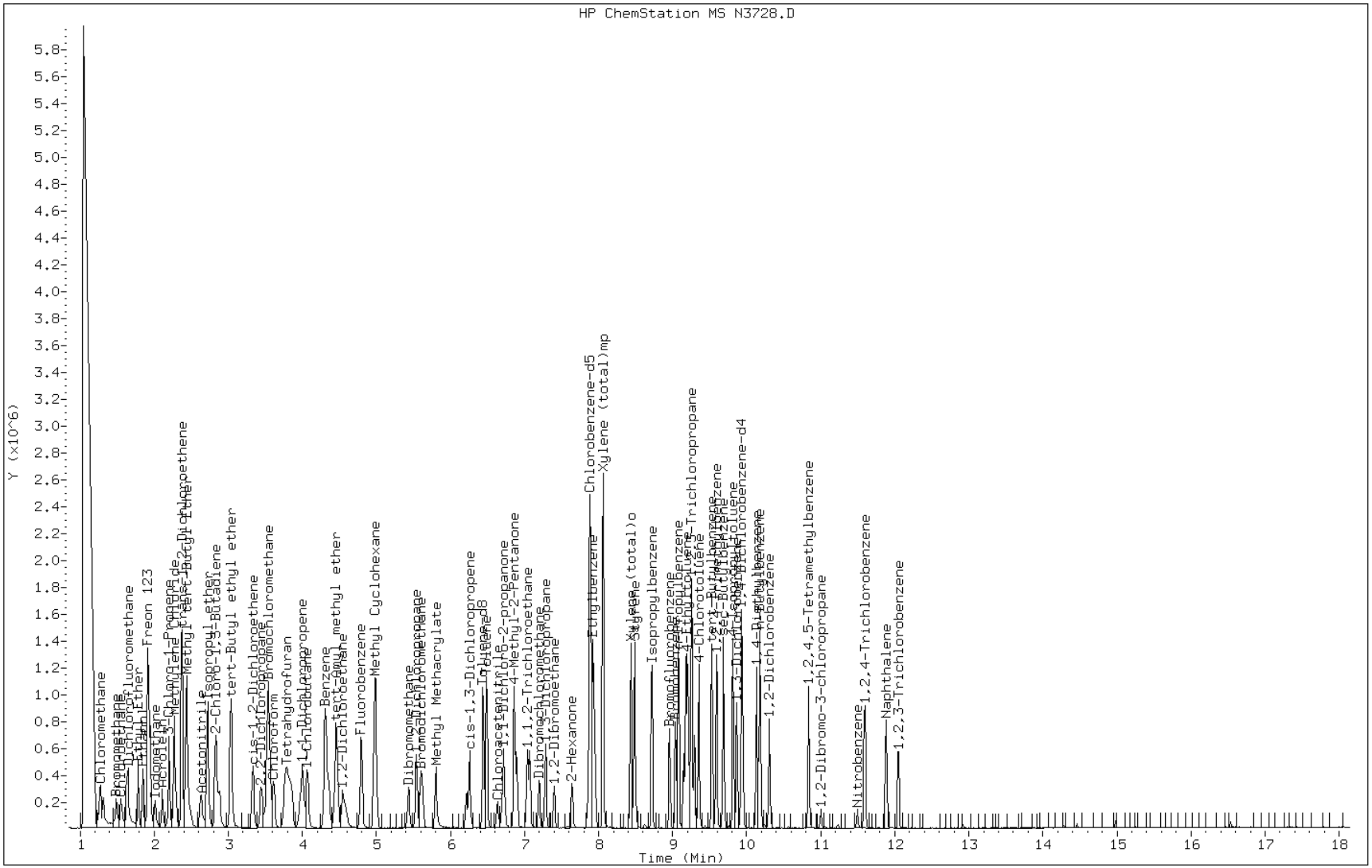
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3728.D

Date: 13-JUL-2011 19:11

Client ID: IC;20 Instrument: msn.i

Sample Info: IC;20 Operator: D. HUMBERT



Manual Integration Report

Data File: N3728.D
Inj. Date and Time: 13-JUL-2011 19:11
Instrument ID: msn.i
Client ID: IC;20
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

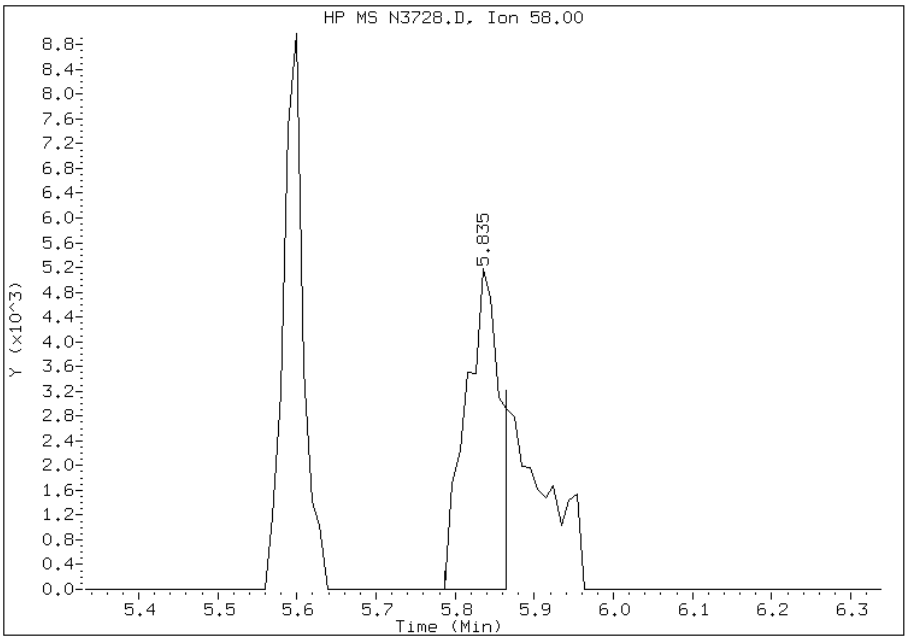
Processing Integration Results

RT: 5.84

Response: 15887

Amount: 166

Conc: 166



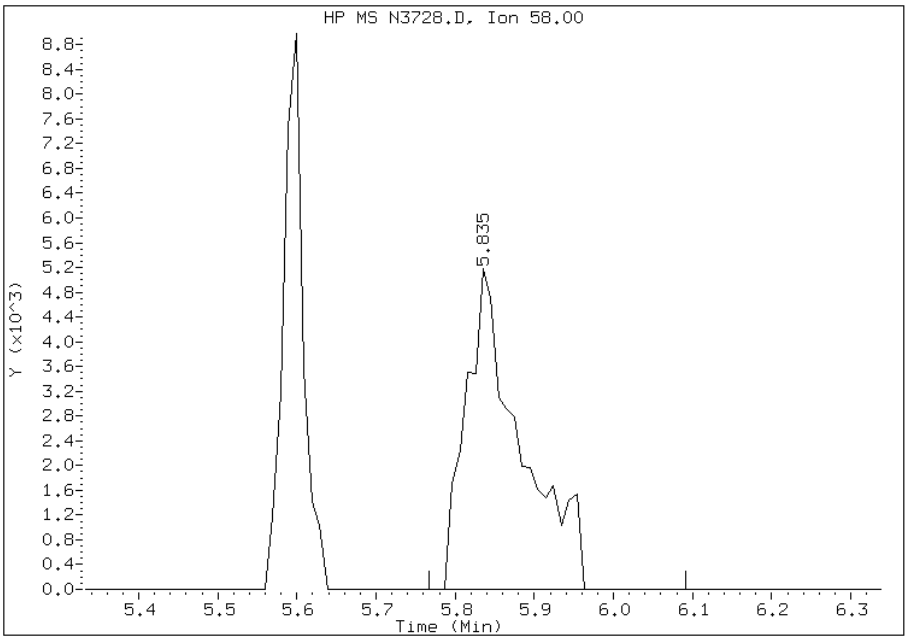
Manual Integration Results

RT: 5.84

Response: 25046

Amount: 250

Conc: 250



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N3729.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 13-JUL-2011 19:37 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\N8260BNS.m
Meth Date : 14-Jul-2011 09:49 msn.i Quant Type: ISTD
Cal Date : 13-JUL-2011 19:11 Cal File: N3728.D
Als bottle: 100 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.790	4.790	(1.000)	736410	25.0000	
2	Dichlorodifluoromethane	85	1.214	1.214	(0.254)	4918	5.00000	2(M)
3	Chloromethane	50	1.273	1.273	(0.266)	74186	5.00000	5
4	Vinyl Chloride	62	1.313	1.313	(0.274)	52361	5.00000	5
5	Bromomethane	94	1.490	1.490	(0.311)	29366	5.00000	6(M)
6	Chloroethane	64	1.549	1.549	(0.323)	41045	5.00000	7
7	Trichlorofluoromethane	101	1.628	1.628	(0.340)	49876	5.00000	5
8	Dichlorofluoromethane	67	1.648	1.648	(0.344)	83552	5.00000	5
9	Ethyl Ether	45	1.786	1.786	(0.373)	44763	5.00000	5
10	Ethanol	45	1.845	1.845	(0.385)	25762	50.0000	49(M)
12	Freon 123	67	1.914	1.914	(0.400)	10571	5.00000	4
13	Trichlorotrifluoroethane	101	1.924	1.924	(0.402)	45050	5.00000	4
14	1,1-Dichloroethene	96	1.914	1.914	(0.400)	39770	5.00000	5
15	Carbon Disulfide	76	1.953	1.953	(0.408)	161535	5.00000	5
16	Iodomethane	142	2.012	2.012	(0.420)	48980	5.00000	4
17	Acrolein	56	2.111	2.111	(0.441)	49493	25.0000	22
18	2-Propanol	45	2.032	2.032	(0.424)	5555	5.00000	5(M)
19	3-Chloro-1-Propene	41	2.199	2.199	(0.459)	99063	5.00000	5
20	Methylene Chloride	84	2.268	2.268	(0.474)	110745	5.00000	8
21	Acetone	43	2.288	2.288	(0.478)	48100	5.00000	6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.377	2.377	(0.496)	50665	5.00000	5
	23 Methyl Acetate	43	2.367	2.367	(0.494)	331288	5.00000	-2
	24 Methyl tert-Butyl Ether	73	2.446	2.446	(0.511)	137521	5.00000	5
	25 tert-Butyl alcohol	59	2.485	2.485	(0.519)	43241	25.0000	23
	26 Acetonitrile	41	2.633	2.633	(0.550)	90544	50.0000	54
	27 Isopropyl ether	45	2.722	2.722	(0.568)	236012	5.00000	5
	28 tert-Butyl ethyl ether	59	3.037	3.037	(0.634)	176760	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.830	2.830	(0.591)	42536	5.00000	4
	30 Acrylonitrile	53	2.879	2.879	(0.601)	57717	10.0000	9
	31 1,1-Dichloroethane	63	2.840	2.840	(0.593)	93666	5.00000	5
	32 Vinyl Acetate	43	3.047	3.047	(0.636)	147128	5.00000	4
	33 cis-1,2-Dichloroethene	96	3.332	3.332	(0.696)	55005	5.00000	5
	34 2,2-Dichloropropane	77	3.441	3.441	(0.718)	66996	5.00000	5
	35 Bromochloromethane	128	3.529	3.529	(0.737)	28317	5.00000	5
	37 Cyclohexane	84	3.559	3.559	(0.743)	73917	5.00000	5
	38 Chloroform	83	3.608	3.608	(0.753)	79863	5.00000	5
	39 Ethyl Acetate	43	3.746	3.746	(0.782)	26979	10.0000	28
	40 Methyl Acrylate	55	3.756	3.756	(0.784)	57859	5.00000	4
$	41 Dibromofluoromethane	111	3.815	3.815	(0.796)	51593	5.00000	5
	42 Tetrahydrofuran	42	3.795	3.795	(0.792)	51960	10.0000	9
	43 Carbon Tetrachloride	117	3.776	3.776	(0.788)	44773	5.00000	4
	44 1,1,1-Trichloroethane	97	3.854	3.854	(0.805)	54985	5.00000	4
	45 2-Butanone	43	3.963	3.963	(0.827)	47143	5.00000	5
	46 1,1-Dichloropropene	75	4.002	4.002	(0.835)	68219	5.00000	5
	47 tert-Amyl methyl ether	73	4.455	4.455	(0.930)	137949	5.00000	5
	49 1-Chlorobutane	56	4.071	4.071	(0.850)	110772	5.00000	5
	51 Propionitrile	54	4.327	4.327	(0.903)	94463	50.0000	45
	52 Benzene	78	4.308	4.308	(0.899)	197593	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	4.357	4.357	(0.910)	50379	5.00000	5
	54 Isobutyl alcohol	42	4.583	4.583	(0.957)	21653	50.0000	40
$	55 1,2-Dichloroethane-d4	65	4.465	4.465	(0.932)	48606	5.00000	5
	56 1,2-Dichloroethane	62	4.544	4.544	(0.949)	58744	5.00000	5
	59 Methyl Cyclohexane	83	4.978	4.978	(1.039)	86751	5.00000	5
	60 Trichloroethene	130	4.987	4.987	(1.041)	48192	5.00000	5
	63 Dibromomethane	93	5.431	5.431	(1.134)	33250	5.00000	5
	64 1,2-Dichloropropane	63	5.539	5.539	(1.156)	59044	5.00000	5(T)
	65 Bromodichloromethane	83	5.618	5.618	(1.173)	51505	5.00000	4
	66 Methyl Methacrylate	69	5.805	5.805	(1.212)	40750	5.00000	4
	67 1,4-Dioxane	58	5.825	5.825	(1.216)	2770	50.0000	26
	69 2-Chloroethylvinylether	63	6.219	6.219	(1.298)	25255	5.00000	4
	174 Ethyl acrylate	55	5.598	5.598	(1.169)	84419	5.00000	4(A)
	70 cis-1,3-Dichloropropene	75	6.258	6.258	(1.306)	73922	5.00000	4
	71 Chloroacetonitrile	48	6.633	6.633	(1.385)	23470	50.0000	41
	72 2-Nitropropane	41	6.702	6.702	(1.399)	24538	10.0000	8(M)
	73 trans-1,3-Dichloropropene	75	6.899	6.899	(1.440)	62371	5.00000	4
	74 1,1,2-Trichloroethane	97	7.037	7.037	(1.469)	42385	5.00000	5
*	75 Chlorobenzene-d5	117	7.874	7.874	(1.000)	604537	25.0000	
	76 Toluene	91	6.485	6.485	(0.824)	197377	5.00000	5
$	77 Toluene-d8	98	6.436	6.436	(0.817)	169994	5.00000	5
	78 1,1-Dichloro-2-propanone	43	6.721	6.721	(0.854)	162762	25.0000	18(M)
	79 4-Methyl-2-Pentanone	43	6.859	6.859	(0.871)	74913	5.00000	4
	80 Tetrachloroethene	164	6.859	6.859	(0.871)	33283	5.00000	5
	81 Ethyl Methacrylate	69	7.066	7.066	(0.897)	57705	5.00000	4
	82 Dibromochloromethane	129	7.194	7.194	(0.914)	39450	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.283	7.283	(0.925)	78615	5.00000	5
84	1,2-Dibromoethane	107	7.401	7.401	(0.940)	49727	5.00000	5
86	2-Hexanone	43	7.647	7.647	(0.971)	57368	5.00000	4
87	1-Chlorohexane	91	7.894	7.894	(1.002)	72705	5.00000	5
88	Chlorobenzene	112	7.894	7.894	(1.002)	135417	5.00000	5
89	1,1,1,2-Tetrachloroethane	131	7.953	7.953	(1.010)	39059	5.00000	4(M)
90	Ethylbenzene	106	7.923	7.923	(1.006)	69971	5.00000	5
91	Xylene (total)mp	106	8.061	8.061	(1.024)	167081	10.0000	10
92	Xylene (total)o	106	8.435	8.435	(1.071)	82747	5.00000	5
93	Styrene	104	8.485	8.485	(1.078)	128177	5.00000	4
94	Bromoform	173	8.495	8.495	(1.079)	20436	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.933	(1.000)	240425	25.0000	
96	Isopropylbenzene	105	8.721	8.721	(0.878)	191164	5.00000	5
97	Bromobenzene	156	9.036	9.036	(0.910)	45216	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	9.145	9.145	(0.921)	58745	5.00000	5
99	4-Ethyltoluene	105	9.184	9.184	(0.925)	199945	5.00000	5(H)
100	1,2,3-Trichloropropane	110	9.253	9.253	(0.932)	16840	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.293	(0.936)	28421	10.0000	8
102	n-Propylbenzene	91	9.086	9.086	(0.915)	244131	5.00000	5
103	2-Chlorotoluene	91	9.204	9.204	(0.927)	161399	5.00000	5
104	4-Chlorotoluene	91	9.352	9.352	(0.941)	141396	5.00000	5
105	1,3,5-Trimethylbenzene	105	9.253	9.253	(0.932)	163340	5.00000	5
106	tert-Butylbenzene	119	9.529	9.529	(0.959)	144981	5.00000	5
107	1,2,4-Trimethylbenzene	105	9.588	9.588	(0.965)	163062	5.00000	5
108	sec-Butylbenzene	105	9.687	9.687	(0.975)	226608	5.00000	5
109	4-Isopropyltoluene	119	9.815	9.815	(0.988)	176757	5.00000	5
110	1,3-Dichlorobenzene	146	9.864	9.864	(0.993)	86008	5.00000	5
111	1,4-Dichlorobenzene	146	9.943	9.943	(1.001)	89261	5.00000	5
112	1,2-Dichlorobenzene	146	10.307	10.307	(1.038)	79084	5.00000	5
113	Benzyl Chloride	126	10.160	10.160	(1.023)	13641	5.00000	4
114	1,4-Diethylbenzene	119	10.130	10.130	(1.020)	83793	5.00000	5
115	n-Butylbenzene	91	10.179	10.179	(1.025)	230843	5.00000	4
118	1,2,4,5-Tetramethylbenzene	119	10.839	10.839	(1.091)	134224	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	11.007	11.007	(1.108)	6037	5.00000	4
120	Nitrobenzene	77	11.499	11.499	(1.158)	12237	50.0000	21
121	1,2,4-Trichlorobenzene	180	11.598	11.598	(1.168)	47714	5.00000	5
122	Hexachlorobutadiene	225	11.588	11.588	(1.167)	26481	5.00000	5
123	Naphthalene	128	11.884	11.884	(1.196)	140376	5.00000	5
124	1,2,3-Trichlorobenzene	180	12.051	12.051	(1.213)	45794	5.00000	5
$ 125	Bromofluorobenzene	95	8.958	8.958	(0.902)	59209	5.00000	5
M 126	1,2-Dichloroethene (total)	100				105670	10.0000	10
M 127	Xylene (total)	100				249828	15.0000	14

QC Flag Legend

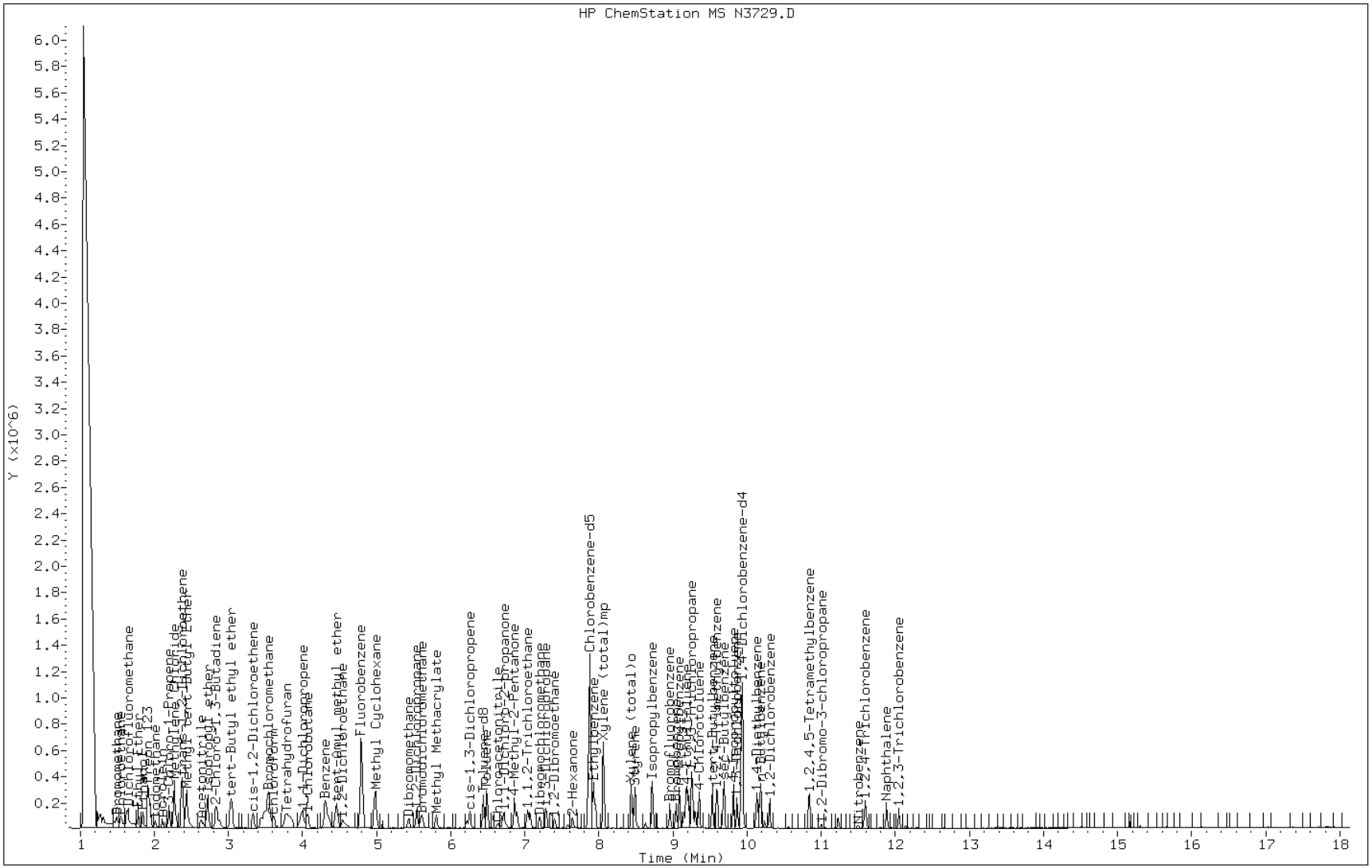
T - Target compound detected outside RT window.
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3729.D

Date: 13-JUL-2011 19:37

Client ID: IC;5 Instrument: msn.i

Sample Info: IC;5 Operator: D. HUMBERT



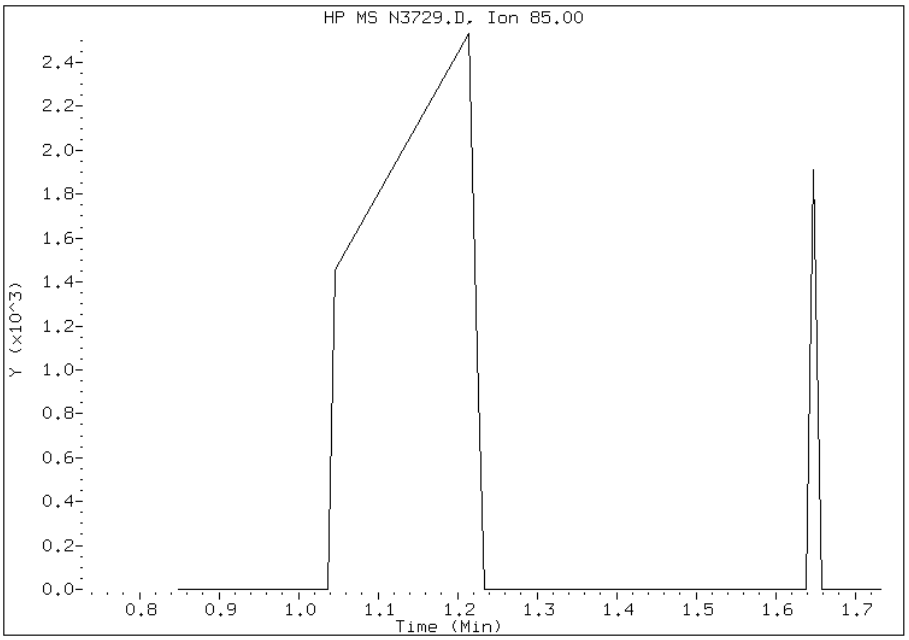
Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.23



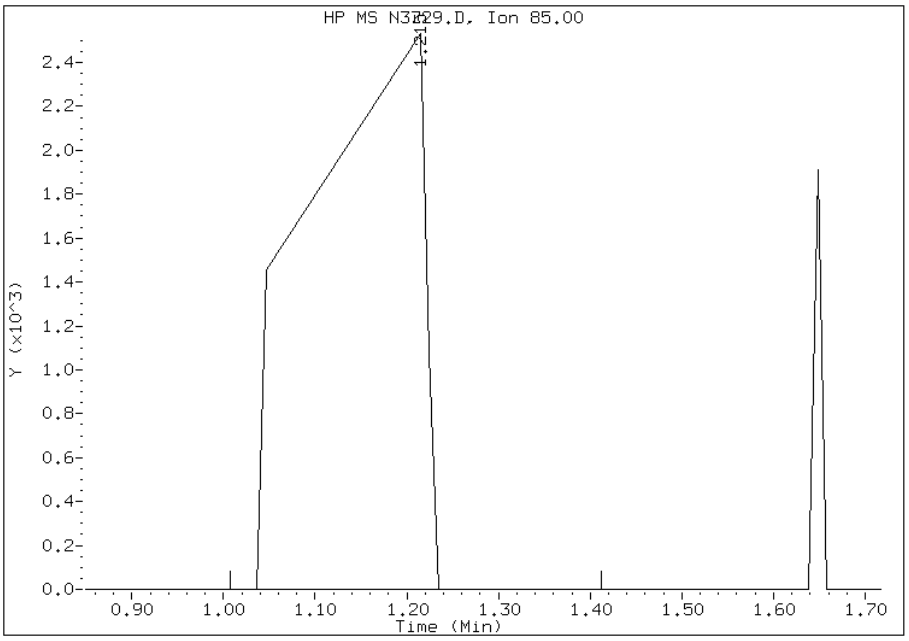
Manual Integration Results

RT: 1.21

Response: 4918

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/14/2011

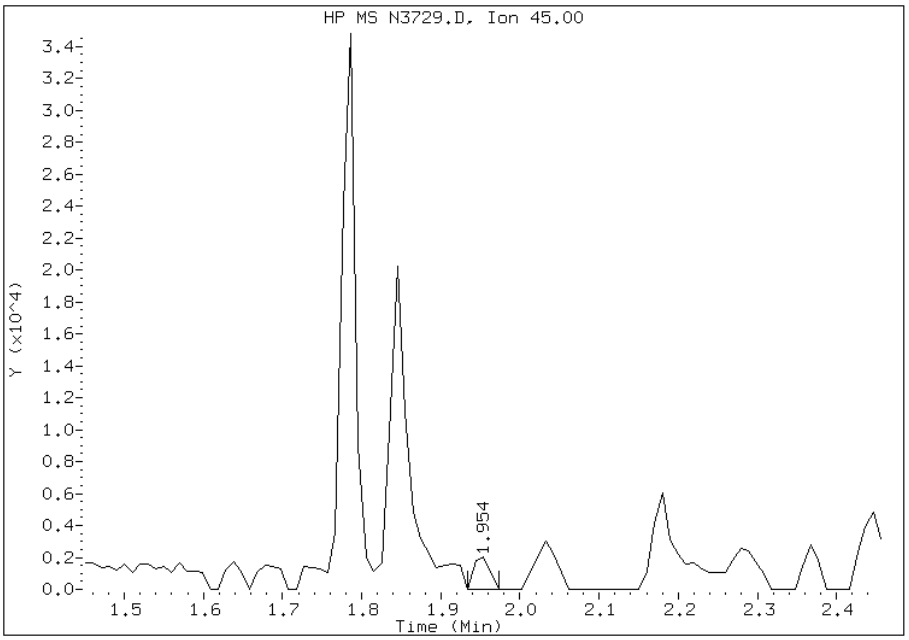
Processing Integration Results

RT: 1.95

Response: 2944

Amount: -1

Conc: -1



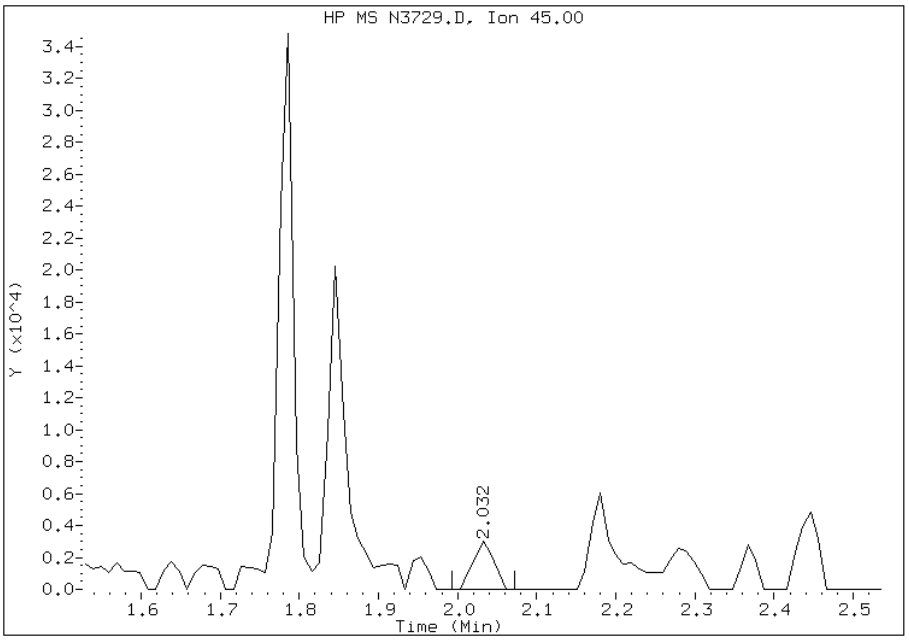
Manual Integration Results

RT: 2.03

Response: 5555

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 07/14/2011

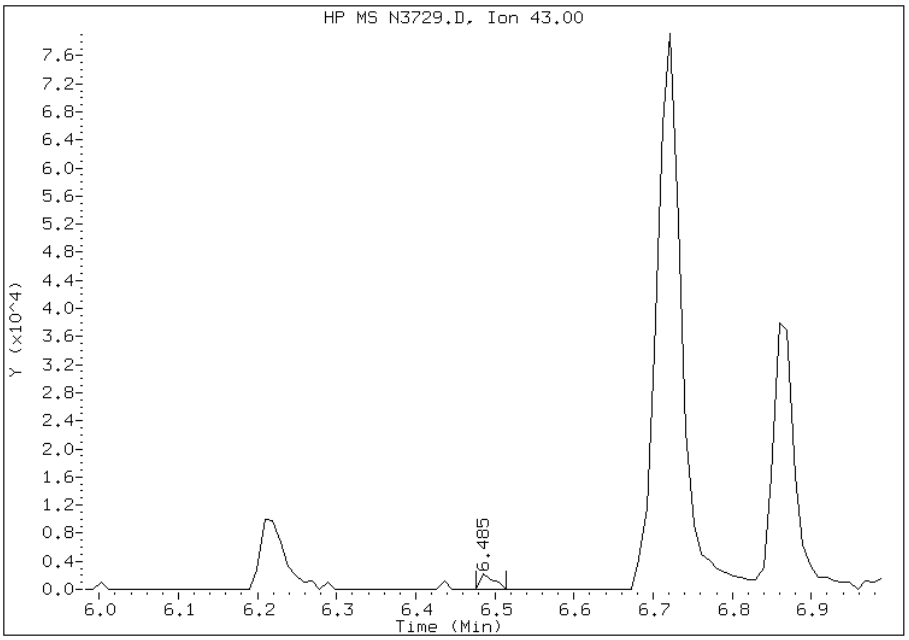
Processing Integration Results

RT: 6.49

Response: 2765

Amount: 0

Conc: 0



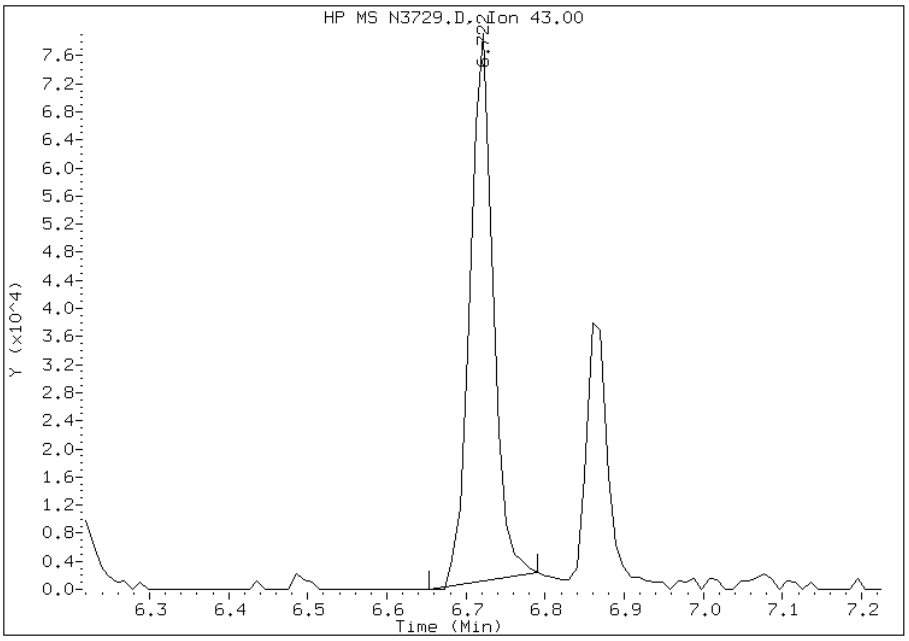
Manual Integration Results

RT: 6.72

Response: 162762

Amount: 18

Conc: 18



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 07/14/2011

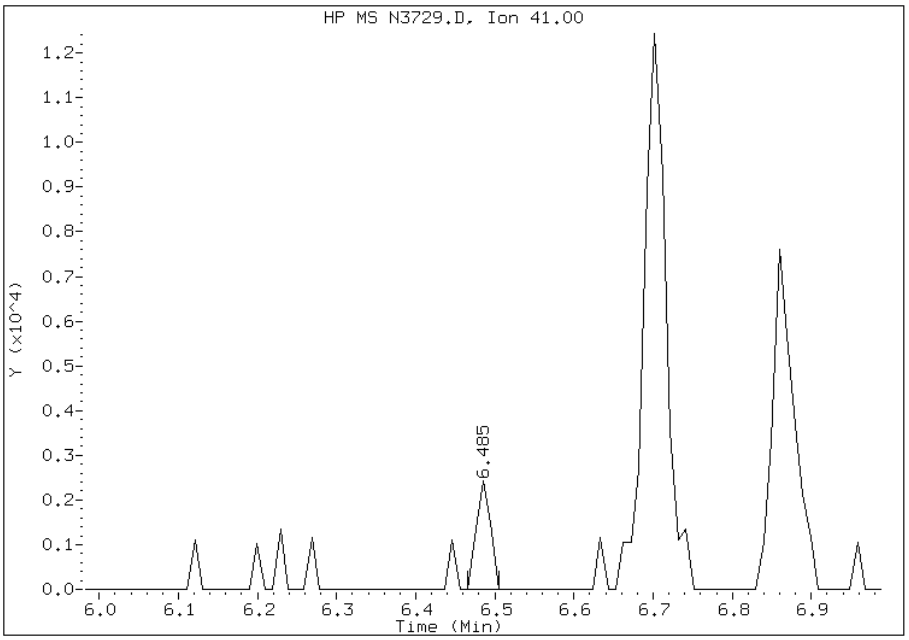
Processing Integration Results

RT: 6.49

Response: 3094

Amount: 1

Conc: 1



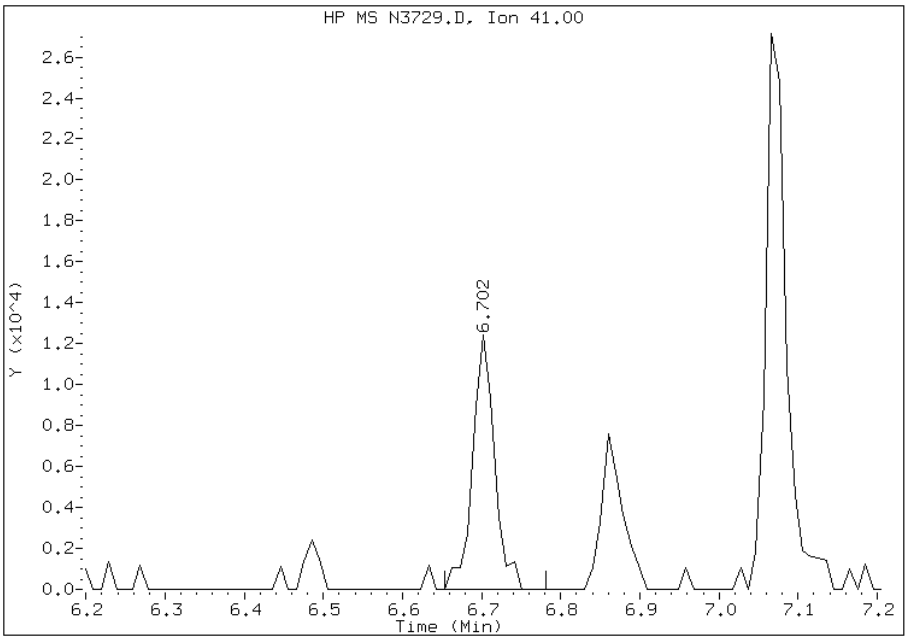
Manual Integration Results

RT: 6.70

Response: 24538

Amount: 9

Conc: 9



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 07/14/2011

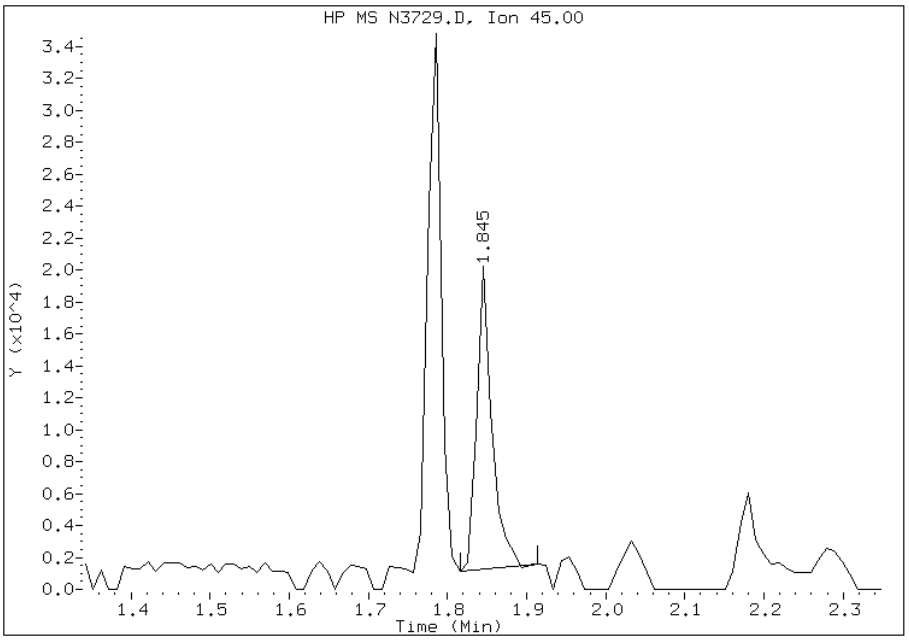
Processing Integration Results

RT: 1.85

Response: 25762

Amount: 49

Conc: 49



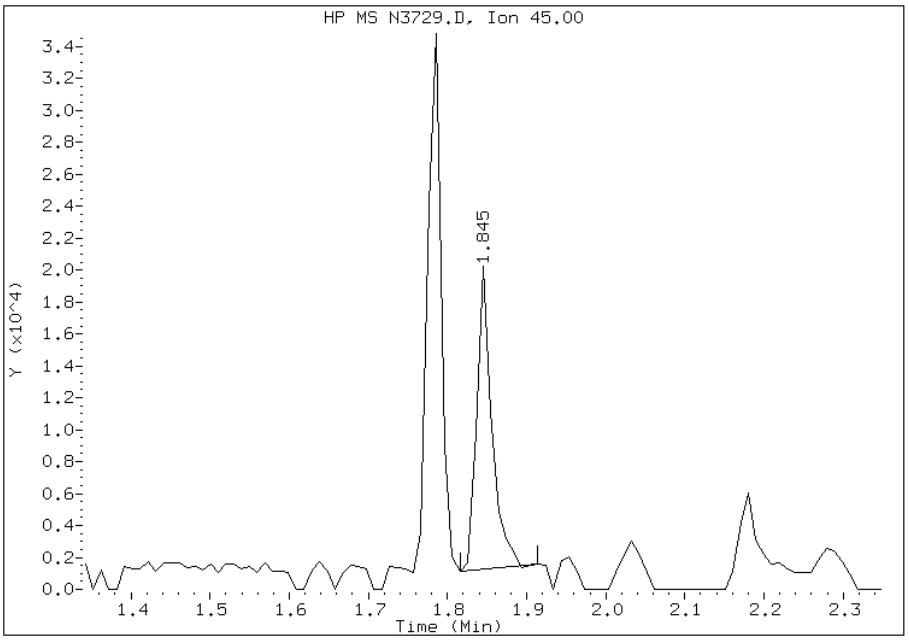
Manual Integration Results

RT: 1.85

Response: 25762

Amount: 49

Conc: 49



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

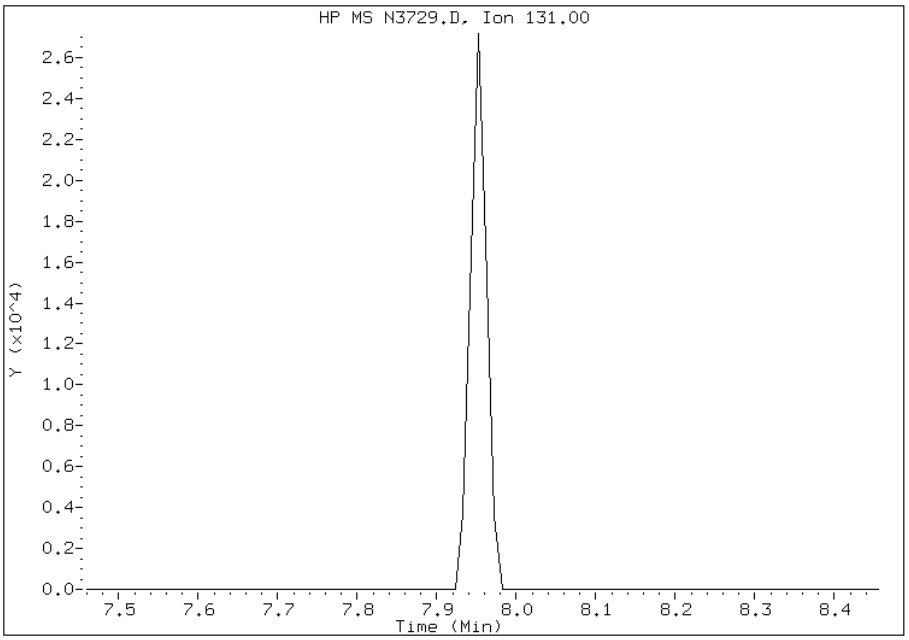
Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 89 1,1,1,2-Tetrachloroethane
CAS #: 630-20-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 7.96



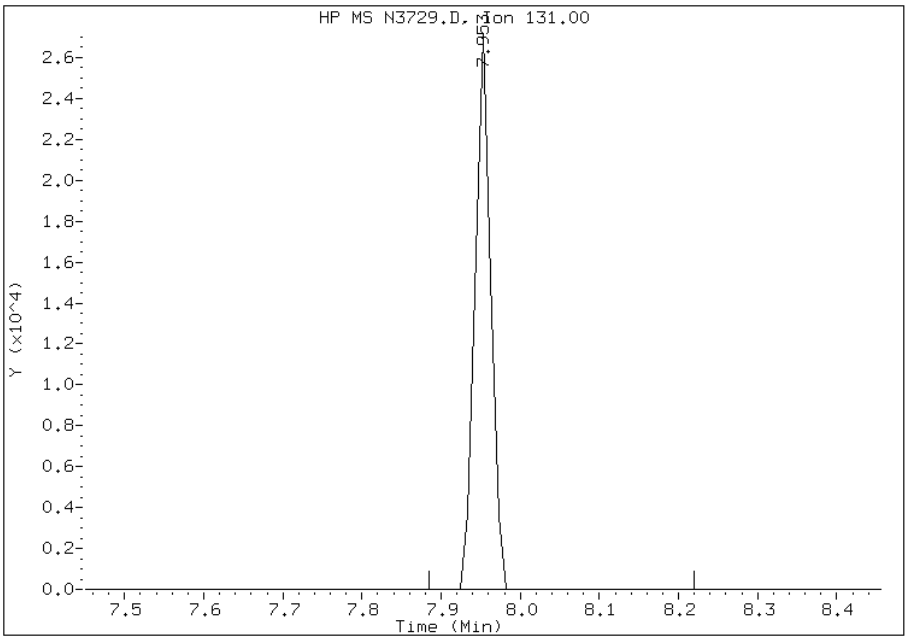
Manual Integration Results

RT: 7.95

Response: 39059

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: N3729.D
Inj. Date and Time: 13-JUL-2011 19:37
Instrument ID: msn.i
Client ID: IC;5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 07/14/2011

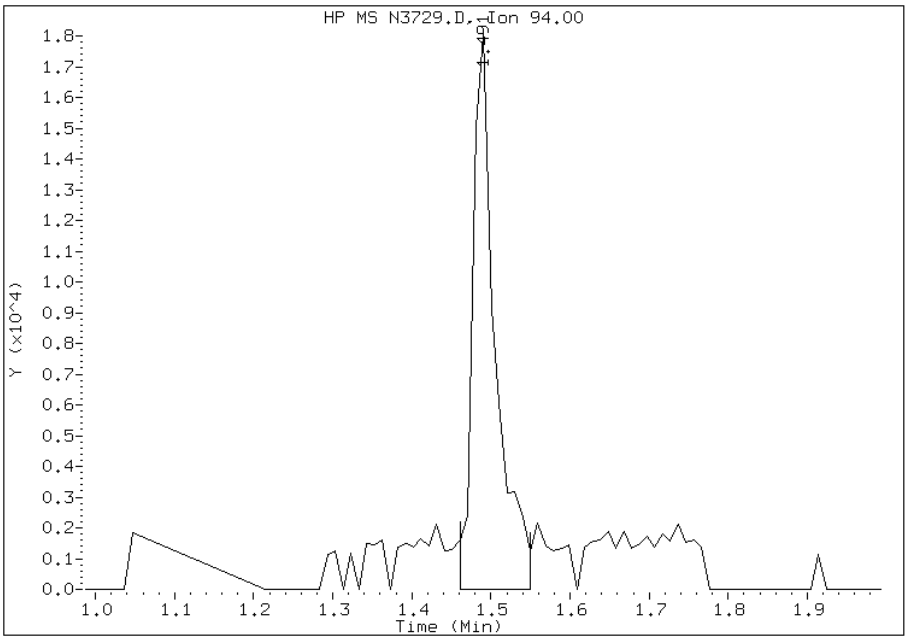
Processing Integration Results

RT: 1.49

Response: 36782

Amount: 7

Conc: 7



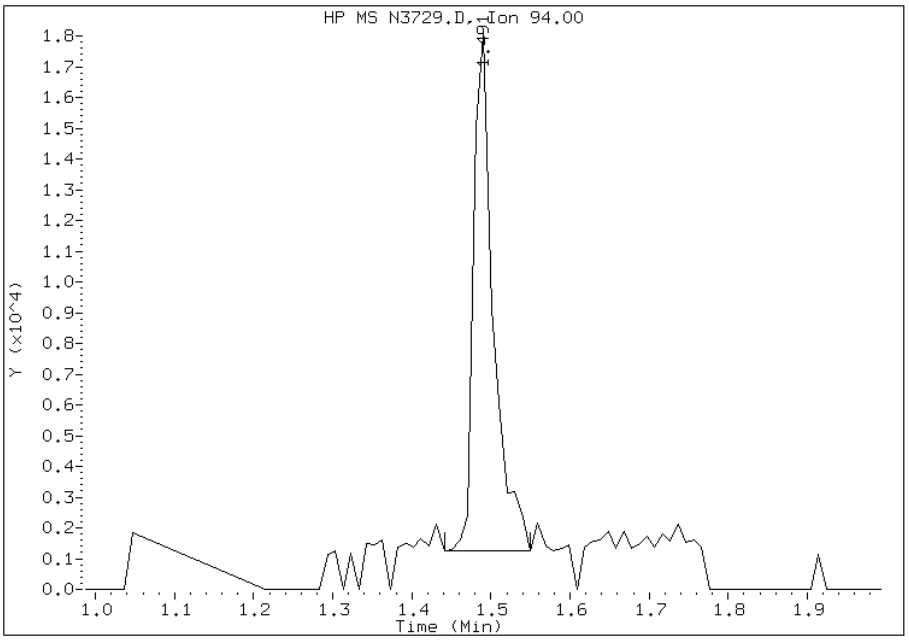
Manual Integration Results

RT: 1.49

Response: 29366

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52207/6	O4519.D
Level 2	IC 220-52207/1	O4512.D
Level 3	IC 220-52207/2	O4513.D
Level 4	IC 220-52207/3	O4514.D
Level 5	IC 220-52207/4	O4515.D
Level 6	IC 220-52207/5	O4516.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								
Heptane	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.5083 0.4459	0.4780	0.5071	0.4249	0.5320	Ave		0.4827				8.5		15.0			
Chloromethane	0.9339 0.8007	0.8923	0.9563	0.7766	0.9622	Ave		0.8870			0.1000	9.1		15.0			
Vinyl chloride	0.6944 0.6598	0.6662	0.6915	0.6224	0.7613	Ave		0.6826				6.8		30.0			
Bromomethane	0.5636 0.2327	0.3069	0.3081	0.2204	0.2597	Ave		0.3152				40.3	*	15.0			
Chloroethane	0.4116 0.1539	0.3463	0.3602	0.2578	0.2572	Ave		0.2978				31.2	*	15.0			
Trichlorofluoromethane	0.7281 0.5677	0.6919	0.6745	0.5801	0.7011	Ave		0.6572				10.2		15.0			
Dichlorofluoromethane	1.0760 0.7774	1.0105	0.9798	0.8211	0.9805	Ave		0.9409				12.3		15.0			
Ethyl ether	0.4044 0.3154	0.3793	0.3533	0.3063	0.3691	Ave		0.3546				10.7		15.0			
Ethanol	0.0308 0.0217	0.0309	0.0322	0.0236	0.0286	Ave		0.0280				15.5	*	15.0			
1,1-Dichloroethene	0.4495 0.3646	0.4150	0.4248	0.3621	0.4403	Ave		0.4094				9.2		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4926 0.4456	0.5039	0.5299	0.4465	0.5482	Ave		0.4945				8.5		15.0			
Carbon disulfide	2.0583 1.7716	1.9770	2.0272	1.7344	2.1568	Ave		1.9542				8.5		15.0			
Iodomethane	0.5593 0.6916	0.5932	0.7444	0.6852	0.8558	Ave		0.6882				15.5	*	15.0			
Acrolein	0.1226 0.1016	0.1169	0.1110	0.0943	0.1155	Ave		0.1103				9.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
Isopropyl alcohol	0.1405 0.1255	0.1616	0.1468	0.1165	0.1444	Ave		0.1392				11.5		15.0			
3-Chloro-1-propene	1.2546 1.0009	1.1553	1.1632	0.9736	1.1940	Ave		1.1236				9.9		15.0			
Methylene Chloride	+++++ 0.5280	0.8348	0.6716	0.5356	0.6534	Ave		0.6447				19.4	*	15.0			
Acetone	+++++ 0.3164	0.4998	0.4232	0.3223	0.3987	Ave		0.3921				19.4	*	15.0			
Methyl acetate	3.4102 2.7920	3.3793	3.2936	2.6332	3.2624	Ave		3.1284				10.6		15.0			
trans-1,2-Dichloroethene	0.5455 0.4533	0.5309	0.5304	0.4481	0.5551	Ave		0.5105				9.3		15.0			
Methyl tert-butyl ether	1.6629 1.3613	1.5955	1.5772	1.3120	1.6383	Ave		1.5245				9.8		15.0			
tert-Butyl alcohol	0.0973 0.0854	0.1136	0.0992	0.0846	0.1027	Ave		0.0971				11.3		15.0			
Acetonitrile	0.1065 0.0874	0.1054	0.0928	0.0809	0.0971	Ave		0.0950				10.6		15.0			
Isopropyl ether	2.8756 2.1724	2.5049	2.4228	2.1237	2.5640	Ave		2.4439				11.3		15.0			
2-Chloro-1,3-butadiene	0.5637 0.4609	0.5167	0.5264	0.4546	0.5565	Ave		0.5131				9.0		15.0			
1,1-Dichloroethane	1.1033 0.9383	1.0869	1.0662	0.9204	1.1131	Ave		1.0380			0.1000	8.3		15.0			
Acrylonitrile	0.3039 0.2643	0.3142	0.2701	0.2633	0.2765	Ave		0.2820				7.7		15.0			
Tert-butyl ethyl ether	2.1246 1.7237	2.0147	1.9597	1.7147	2.0389	Ave		1.9294				8.9		15.0			
Vinyl acetate	1.8734 1.5890	1.8322	1.7504	1.5094	1.8496	Ave		1.7340				8.7		15.0			
cis-1,2-Dichloroethene	0.6134 0.5231	0.5913	0.6001	0.5136	0.6482	Ave		0.5816				9.1		15.0			
2,2-Dichloropropane	1.0261 0.7088	0.8811	0.8371	0.7059	0.8803	Ave		0.8399				14.4		15.0			
Bromochloromethane	0.3048 0.2501	0.2840	0.2844	0.2446	0.3063	Ave		0.2790				9.5		15.0			
Cyclohexane	0.9749 0.7433	0.8598	0.8500	0.7320	0.9157	Ave		0.8459				11.2		15.0			
Chloroform	1.1459 0.8639	1.0167	1.0300	0.8661	1.0824	Ave		1.0008				11.5		30.0			

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
Ethyl acetate	0.0562 0.0378	0.0631	0.0483	0.0401	0.0506	Ave		0.0494				19.4	*	15.0			
Methyl acrylate	0.5971 0.5379	0.6438	0.6187	0.5173	0.6472	Ave		0.5937				9.2		15.0			
Carbon tetrachloride	0.7027 0.6061	0.6947	0.6906	0.5979	0.7553	Ave		0.6745				9.0		15.0			
Tetrahydrofuran	0.2919 0.2310	0.2816	0.2679	0.2275	0.2777	Ave		0.2630				10.4		15.0			
1,1,1-Trichloroethane	0.8003 0.6341	0.7307	0.7123	0.6181	0.7827	Ave		0.7130				10.5		15.0			
Methyl Ethyl Ketone	0.4945 0.4025	0.5403	0.4705	0.4046	0.5062	Ave		0.4698				11.9		15.0			
1,1-Dichloropropene	0.8776 0.6924	0.8211	0.7909	0.6862	0.8592	Ave		0.7879				10.4		15.0			
1-Chlorobutane	1.3487 1.0812	1.2667	1.2089	1.0630	1.3332	Ave		1.2170				10.1		15.0			
Benzene	2.3350 1.8989	2.2208	2.1443	1.8847	2.3855	Ave		2.1449				10.0		15.0			
Propionitrile	0.0963 0.0898	0.1050	0.0956	0.0853	0.1058	Ave		0.0963				8.4		15.0			
Methacrylonitrile	0.5498 0.4202	0.5270	0.4675	0.4047	0.5115	Ave		0.4801				12.3		15.0			
Tert-amyl methyl ether	1.7504 1.4205	1.7021	1.5905	1.3961	1.7600	Ave		1.6033				10.2		15.0			
1,2-Dichloroethane	0.7190 0.6212	0.7319	0.6961	0.6119	0.7631	Ave		0.6905				8.9		15.0			
Isobutyl alcohol	0.0939 0.0509	0.0536	0.0501	0.0475	0.0584	Ave		0.0591				29.6	*	15.0			
Methylcyclohexane	1.0865 0.8204	1.0081	0.9601	0.8226	1.0292	Ave		0.9545				11.6		15.0			
Trichloroethene	0.5136 0.4374	0.4926	0.4971	0.4346	0.5404	Ave		0.4860				8.7		15.0			
1,4-Dioxane	0 0.0059	0.0075	0.0067	0.0057	0.0066	Ave		0.0065				11.3		15.0			
Dibromomethane	0.4014 0.3407	0.3965	0.3851	0.3356	0.4157	Ave		0.3792				8.8		15.0			
1,2-Dichloropropane	0.6710 0.5545	0.6617	0.6251	0.5446	0.6875	Ave		0.6241				9.8		30.0			
Bromodichloromethane	0.8513 0.6580	0.8189	0.7478	0.6477	0.8178	Ave		0.7569				11.6		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
Methyl methacrylate	0.5116 0.4251	0.4894	0.4708	0.4173	0.5180	Ave		0.4720				9.1		15.0			
2-Chloroethyl vinyl ether	0.3700 0.3332	0.3939	0.3616	0.3155	0.4004	Ave		0.3625				9.2		15.0			
cis-1,3-Dichloropropene	0.9938 0.8268	0.9720	0.9208	0.8058	1.0162	Ave		0.9226				9.6		15.0			
Toluene	3.4131 2.6448	3.1061	2.9542	2.5029	3.2598	Ave		2.9802				11.8		30.0			
Chloroacetonitrile	0.0360 0.0292	0.0306	0.0303	0.0267	0.0343	Ave		0.0312				11.0		15.0			
2-Nitropropane	0.1811 0.1482	0.1721	0.1670	0.1428	0.1776	Ave		0.1648				9.6		15.0			
1,1-Dichloro-2-propanone	0.6880 0.5660	0.6294	0.5704	0.5036	0.6490	Ave		0.6011				11.1		15.0			
Tetrachloroethene	0.5844 0.4920	0.5104	0.5379	0.4680	0.5881	Ave		0.5301				9.3		15.0			
methyl isobutyl ketone	1.4734 1.0407	1.2513	1.1553	0.9717	1.2404	Ave		1.1888				14.9		15.0			
trans-1,3-Dichloropropene	0.8762 0.7259	0.8441	0.8090	0.7126	0.8882	Ave		0.8094				9.3		15.0			
1,1,2-Trichloroethane	0.4842 0.3928	0.4894	0.4437	0.3859	0.4839	Ave		0.4467				10.6		15.0			
Ethyl methacrylate	1.0326 0.9738	1.1019	1.0757	0.9203	1.1723	Ave		1.0461				8.7		15.0			
Dibromochloromethane	0.8608 0.7233	0.8125	0.7725	0.6795	0.8674	Ave		0.7860				9.6		15.0			
1,3-Dichloropropane	1.4365 1.1489	1.3123	1.2538	1.0900	1.3914	Ave		1.2721				10.6		15.0			
1,2-Dibromoethane	0.8329 0.6797	0.7812	0.7299	0.6375	0.8143	Ave		0.7459				10.4		15.0			
2-Hexanone	0.8455 0.8036	1.0921	0.9474	0.7708	0.9903	Ave		0.9083				13.6		15.0			
Chlorobenzene	2.1160 1.6582	1.9081	1.8716	1.6001	2.0368	Ave		1.8651			0.3000	10.9		15.0			
1-Chlorohexane	1.7034 0.9914	1.4871	1.1212	1.0769	1.7646	Ave		1.3574				24.9	*	15.0			
Ethylbenzene	1.0921 0.8584	1.0054	0.9488	0.8322	1.0593	Ave		0.9660				10.9		30.0			
1,1,1,2-Tetrachloroethane	0.7160 0.5934	0.6654	0.6392	0.5630	0.7248	Ave		0.6503				10.0		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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								
m&p-Xylene	1.3831 1.0986	1.2506	1.1887	1.0440	1.3298	Ave		1.2158				10.8		15.0			
o-Xylene	1.3346 1.0736	1.1968	1.1349	1.0060	1.2797	Ave		1.1709				10.6		15.0			
Bromoform	0.5122 0.4825	0.5085	0.5004	0.4447	0.5628	Ave		0.5019			0.1000	7.7		15.0			
Styrene	2.1684 1.7833	1.9835	1.9068	1.7117	2.1691	Ave		1.9538				9.8		15.0			
Isopropylbenzene	6.8838 5.4188	6.2545	5.7701	5.0425	6.1792	Ave		5.9248				11.1		15.0			
Bromobenzene	1.7872 1.4209	1.6351	1.5196	1.3329	1.6242	Ave		1.5533				10.5		15.0			
N-Propylbenzene	9.5376 7.5430	8.8919	8.0628	6.9903	8.6360	Ave		8.2769				11.3		15.0			
1,1,2,2-Tetrachloroethane	2.6471 2.0614	2.5129	2.1651	1.9054	2.3292	Ave		2.2702			0.3000	12.3		15.0			
4-Ethyltoluene	7.0783 5.6000	6.6237	6.1239	5.3586	6.5375	Ave		6.2203				10.5		15.0			
2-Chlorotoluene	6.5148 4.7479	5.8655	5.1871	4.5360	5.5631	Ave		5.4024				13.6		15.0			
1,2,3-Trichloropropane	0.5522 0.4810	0.5652	0.5020	0.4392	0.5444	Ave		0.5140				9.5		15.0			
1,3,5-Trimethylbenzene	6.0488 4.6825	5.5787	5.0720	4.4580	5.4900	Ave		5.2217				11.4		15.0			
trans-1,4-Dichloro-2-butene	0.5930 0.5475	0.6216	0.5605	0.5115	0.6352	Ave		0.5782				8.1		15.0			
4-Chlorotoluene	5.6580 4.4480	5.3821	4.8126	4.2130	5.1792	Ave		4.9488				11.3		15.0			
tert-Butylbenzene	4.8739 3.8651	4.6361	4.1806	3.6327	4.5241	Ave		4.2854				11.1		15.0			
1,2,4-Trimethylbenzene	6.0427 4.6068	5.6559	5.0277	4.5031	5.5021	Ave		5.2231				11.7		15.0			
sec-Butylbenzene	8.3799 6.2881	7.5470	6.8317	6.0745	7.4843	Ave		7.1009				12.2		15.0			
4-Isopropyltoluene	6.2111 4.7091	5.7365	5.2862	4.6539	5.6924	Ave		5.3815				11.5		15.0			
1,3-Dichlorobenzene	3.2340 2.4370	2.8708	2.6786	2.3728	2.9162	Ave		2.7515				11.7		15.0			
1,4-Dichlorobenzene	3.1312 2.4687	2.8888	2.7221	2.3894	2.9239	Ave		2.7540				10.3		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

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-Diethylbenzene	2.9974 2.2566	2.7645	2.6447	2.2890	2.7511	Ave		2.6172				11.1		15.0			
Benzyl chloride	0.6613 0.5554	0.6289	0.6385	0.5540	0.6686	Ave		0.6178				8.3		15.0			
n-Butylbenzene	7.0385 5.5986	6.5526	6.7758	5.5055	7.0372	Ave		6.4180				10.8		15.0			
1,2-Dichlorobenzene	2.9708 2.2982	2.6833	2.5752	2.2429	2.7233	Ave		2.5823				10.6		15.0			
1,2,4,5-Tetramethylbenzene	4.8512 3.7247	4.5765	4.4009	3.7912	4.6331	Ave		4.3296				10.8		15.0			
1,2-Dibromo-3-Chloropropane	0.2718 0.2999	0.3538	0.3235	0.2898	0.3514	Ave		0.3150				10.7		15.0			
Nitrobenzene	0.0544 0.1222	0.0828	0.1060	0.1022	0.1400	Ave		0.1013				29.6	*	15.0			
Hexachlorobutadiene	0.9776 0.6669	0.8472	0.8240	0.6817	0.8486	Ave		0.8077				14.4		15.0			
1,2,4-Trichlorobenzene	1.3668 1.2755	1.3764	1.4959	1.2705	1.6009	Ave		1.3977				9.2		15.0			
Naphthalene	2.4213 3.1445	2.9073	3.3209	2.9176	3.8984	Ave		3.1017				15.9	*	15.0			
1,2,3-Trichlorobenzene	1.2747 1.1560	1.2115	1.2802	1.0973	1.4305	Ave		1.2417				9.3		15.0			
Dibromofluoromethane	0.6025 0.5042	0.5800	0.5681	0.5039	0.6098	Ave		0.5614				8.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.6474 0.5354	0.6626	0.5883	0.5541	0.6859	Ave		0.6123				10.1		15.0			
Toluene-d8 (Surr)	2.9388 2.3657	2.6897	2.5546	2.2447	2.8032	Ave		2.5995				10.1		15.0			
4-Bromofluorobenzene	2.4524 1.8911	2.2065	2.0307	1.7955	2.1433	Ave		2.0866				11.3		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 Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52207/6	O4519.D
Level 2	IC 220-52207/1	O4512.D
Level 3	IC 220-52207/2	O4513.D
Level 4	IC 220-52207/3	O4514.D
Level 5	IC 220-52207/4	O4515.D
Level 6	IC 220-52207/5	O4516.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Heptane	FB	Ave	0 0	0	0	0	0	5.00 200	20.0	50.0	100	150
Dichlorodifluoromethane	FB	Ave	21537 852053	77376	212982	414486	635025	5.00 200	20.0	50.0	100	150
Chloromethane	FB	Ave	39573 1530079	144432	401702	757613	1148518	5.00 200	20.0	50.0	100	150
Vinyl chloride	FB	Ave	29425 1260846	107847	290448	607222	908691	5.00 200	20.0	50.0	100	150
Bromomethane	FB	Ave	23882 444761	49680	129423	214980	309976	5.00 200	20.0	50.0	100	150
Chloroethane	FB	Ave	17441 294166	56051	151300	251539	307071	5.00 200	20.0	50.0	100	150
Trichlorofluoromethane	FB	Ave	30853 1084817	112001	283315	565882	836893	5.00 200	20.0	50.0	100	150
Dichlorofluoromethane	FB	Ave	45592 1485579	163578	411564	801045	1170390	5.00 200	20.0	50.0	100	150
Ethyl ether	FB	Ave	17138 602644	61394	148391	298829	440620	5.00 200	20.0	50.0	100	150
Ethanol	FB	Ave	13062 414167	50035	135220	230272	341864	50.0 2000	200	500	1000	1500
1,1-Dichloroethene	FB	Ave	19047 696801	67178	178420	353280	525632	5.00 200	20.0	50.0	100	150
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	20875 851469	81561	222589	435595	654390	5.00 200	20.0	50.0	100	150
Carbon disulfide	FB	Ave	87216 3385530	320023	851524	1692000	2574535	5.00 200	20.0	50.0	100	150
Iodomethane	FB	Ave	23698 1321704	96019	312667	668432	1021569	5.00 200	20.0	50.0	100	150
Acrolein	FB	Ave	25967 970899	94578	233138	460215	689138	25.0 1000	100	250	500	750
Isopropyl alcohol	FB	Ave	5952 239783	26157	61657	113670	172339	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	53161 1912737	187003	488573	949788	1425300	5.00 200	20.0	50.0	100	150
Methylene Chloride	FB	Ave	+++++ 1009013	135127	282114	522549	779898	+++++ 200	20.0	50.0	100	150
Acetone	FB	Ave	+++++ 604704	80906	177744	314390	475897	+++++ 200	20.0	50.0	100	150
Methyl acetate	FB	Ave	144503 5335534	547012	1383438	2568839	3894219	5.00 200	20.0	50.0	100	150
trans-1,2-Dichloroethene	FB	Ave	23113 866225	85936	222772	437128	662658	5.00 200	20.0	50.0	100	150
Methyl tert-butyl ether	FB	Ave	70464 2601569	258268	662505	1279889	1955544	5.00 200	20.0	50.0	100	150
tert-Butyl alcohol	FB	Ave	20607 815740	91956	208375	412512	612916	25.0 1000	100	250	500	750
Acetonitrile	FB	Ave	45138 1669425	170643	389926	789646	1159540	50.0 2000	200	500	1000	1500
Isopropyl ether	FB	Ave	121850 4151482	405481	1017668	2071836	3060518	5.00 200	20.0	50.0	100	150
2-Chloro-1,3-butadiene	FB	Ave	23887 880845	83647	221118	443501	664232	5.00 200	20.0	50.0	100	150
1,1-Dichloroethane	FB	Ave	46751 1793050	175946	447830	897901	1328691	5.00 200	20.0	50.0	100	150
Acrylonitrile	FB	Ave	25755 1010010	101736	226901	513640	660189	10.0 400	40.0	100	200	300
Tert-butyl ethyl ether	FB	Ave	90029 3294072	326129	823155	1672790	2433753	5.00 200	20.0	50.0	100	150
Vinyl acetate	FB	Ave	79384 3036653	296589	735219	1472498	2207859	5.00 200	20.0	50.0	100	150
cis-1,2-Dichloroethene	FB	Ave	25991 999564	95718	252077	501055	773741	5.00 200	20.0	50.0	100	150
2,2-Dichloropropane	FB	Ave	43481 1354569	142633	351635	688687	1050830	5.00 200	20.0	50.0	100	150
Bromochloromethane	FB	Ave	12915 477917	45976	119462	238622	365571	5.00 200	20.0	50.0	100	150
Cyclohexane	FB	Ave	41311 1420536	139173	357045	714066	1092988	5.00 200	20.0	50.0	100	150
Chloroform	FB	Ave	48558 1650845	164568	432636	844921	1292086	5.00 200	20.0	50.0	100	150
Ethyl acetate	FB	Ave	4763 144541	20432	40603	78232	120711	10.0 400	40.0	100	200	300
Methyl acrylate	FB	Ave	25303 1028028	104212	259873	504700	772494	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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 tetrachloride	FB	Ave	29778 1158273	112448	290061	583257	901586	5.00 200	20.0	50.0	100	150
Tetrahydrofuran	FB	Ave	24740 882957	91174	225089	443966	663053	10.0 400	40.0	100	200	300
1,1,1-Trichloroethane	FB	Ave	33910 1211752	118280	299184	602959	934285	5.00 200	20.0	50.0	100	150
Methyl Ethyl Ketone	FB	Ave	20955 769171	87452	197631	394725	604249	5.00 200	20.0	50.0	100	150
1,1-Dichloropropene	FB	Ave	37189 1323229	132911	332217	669473	1025629	5.00 200	20.0	50.0	100	150
1-Chlorobutane	FB	Ave	57149 2066246	205044	507789	1037052	1591444	5.00 200	20.0	50.0	100	150
Benzene	FB	Ave	98943 3628905	359485	900674	1838620	2847550	5.00 200	20.0	50.0	100	150
Propionitrile	FB	Ave	40796 1716878	170004	401701	832437	1262321	50.0 2000	200	500	1000	1500
Methacrylonitrile	FB	Ave	23299 802918	85314	196386	394793	610552	5.00 200	20.0	50.0	100	150
Tert-amyl methyl ether	FB	Ave	74172 2714521	275519	668091	1361943	2100896	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane	FB	Ave	30468 1187140	118471	292379	596993	910887	5.00 200	20.0	50.0	100	150
Isobutyl alcohol	FB	Ave	19898 486114	43413	105283	231503	348678	25.0 1000	100	250	500	750
Methylcyclohexane	FB	Ave	46037 1567864	163189	403264	802492	1228518	5.00 200	20.0	50.0	100	150
Trichloroethene	FB	Ave	21764 835963	79742	208801	424027	645092	5.00 200	20.0	50.0	100	150
1,4-Dioxane	FB	Ave	0 111847	12208	28280	56067	79271	50.0 2000	200	500	1000	1500
Dibromomethane	FB	Ave	17009 651085	64175	161768	327360	496154	5.00 200	20.0	50.0	100	150
1,2-Dichloropropane	FB	Ave	28434 1059614	107104	262566	531260	820624	5.00 200	20.0	50.0	100	150
Bromodichloromethane	FB	Ave	36071 1257387	132562	314089	631913	976209	5.00 200	20.0	50.0	100	150
Methyl methacrylate	FB	Ave	21678 812448	79226	197737	407076	618362	5.00 200	20.0	50.0	100	150
2-Chloroethyl vinyl ether	FB	Ave	15679 636841	63767	151905	307800	477998	5.00 200	20.0	50.0	100	150
cis-1,3-Dichloropropene	FB	Ave	42113 1580003	157347	386781	786091	1213039	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	94250 3370489	344098	845579	1677793	2654304	5.00 200	20.0	50.0	100	150
Chloroacetonitrile	FB	Ave	15271 557336	49567	127281	260382	408858	50.0 2000	200	500	1000	1500
2-Nitropropane	FB	Ave	15348 566493	55729	140256	278571	423983	10.0 400	40.0	100	200	300
1,1-Dichloro-2-propanone	CBZ	Ave	94991 3606149	348623	816273	1688072	2642369	25.0 1000	100	250	500	750
Tetrachloroethene	CBZ	Ave	16139 627044	56541	153954	313703	478832	5.00 200	20.0	50.0	100	150
methyl isobutyl ketone	CBZ	Ave	40686 1326208	138621	330695	651339	1010009	5.00 200	20.0	50.0	100	150
trans-1,3-Dichloropropene	FB	Ave	37129 1387197	136643	339822	695226	1060212	5.00 200	20.0	50.0	100	150
1,1,2-Trichloroethane	FB	Ave	20518 750632	79213	186365	376517	577637	5.00 200	20.0	50.0	100	150
Ethyl methacrylate	CBZ	Ave	28514 1240919	122063	307906	616912	954545	5.00 200	20.0	50.0	100	150
Dibromochloromethane	CBZ	Ave	23771 921780	90009	221114	455525	706300	5.00 200	20.0	50.0	100	150
1,3-Dichloropropane	CBZ	Ave	39668 1464059	145373	358875	730644	1132932	5.00 200	20.0	50.0	100	150
1,2-Dibromoethane	CBZ	Ave	23000 866227	86545	208930	427324	663050	5.00 200	20.0	50.0	100	150
2-Hexanone	CBZ	Ave	23347 1024063	120987	271180	516724	806367	5.00 200	20.0	50.0	100	150
Chlorobenzene	CBZ	Ave	58431 2113216	211378	535712	1072608	1658465	5.00 200	20.0	50.0	100	150
1-Chlorohexane	CBZ	Ave	47038 1263378	164737	320923	721855	1436829	5.00 200	20.0	50.0	100	150
Ethylbenzene	CBZ	Ave	30158 1093943	111376	271581	557827	862547	5.00 200	20.0	50.0	100	150
1,1,1,2-Tetrachloroethane	CBZ	Ave	19772 756212	73709	182961	377429	590209	5.00 200	20.0	50.0	100	150
m&p-Xylene	CBZ	Ave	76387 2800077	277075	680500	1399662	2165539	10.0 400	40.0	100	200	300
o-Xylene	CBZ	Ave	36853 1368217	132584	324840	674368	1042000	5.00 200	20.0	50.0	100	150
Bromoform	CBZ	Ave	14144 614866	56333	143232	298105	458253	5.00 200	20.0	50.0	100	150
Styrene	CBZ	Ave	59878 2272545	219731	545794	1147383	1766238	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	DCB	Ave	87482 3250331	313849	777456	1592933	2469524	5.00 200	20.0	50.0	100	150
Bromobenzene	DCB	Ave	22712 852261	82047	204749	421080	649092	5.00 200	20.0	50.0	100	150
N-Propylbenzene	DCB	Ave	121208 4524462	446194	1086369	2208262	3451362	5.00 200	20.0	50.0	100	150
1,1,2,2-Tetrachloroethane	DCB	Ave	33640 1236472	126097	291716	601916	930849	5.00 200	20.0	50.0	100	150
4-Ethyltoluene	DCB	Ave	89954 3359015	332375	825126	1692808	2612686	5.00 200	20.0	50.0	100	150
2-Chlorotoluene	DCB	Ave	82793 2847888	294333	698901	1432926	2223270	5.00 200	20.0	50.0	100	150
1,2,3-Trichloropropane	DCB	Ave	7018 288487	28360	67635	138758	217573	5.00 200	20.0	50.0	100	150
1,3,5-Trimethylbenzene	DCB	Ave	76870 2808651	279940	683397	1408295	2194073	5.00 200	20.0	50.0	100	150
trans-1,4-Dichloro-2-butene	DCB	Ave	15071 656804	62382	151054	323163	507690	10.0 400	40.0	100	200	300
4-Chlorotoluene	DCB	Ave	71904 2668042	270075	648441	1330914	2069865	5.00 200	20.0	50.0	100	150
tert-Butylbenzene	DCB	Ave	61939 2318364	232637	563279	1147598	1808039	5.00 200	20.0	50.0	100	150
1,2,4-Trimethylbenzene	DCB	Ave	76793 2763241	283814	677421	1422559	2198916	5.00 200	20.0	50.0	100	150
sec-Butylbenzene	DCB	Ave	106495 3771729	378708	920489	1918950	2991088	5.00 200	20.0	50.0	100	150
4-Isopropyltoluene	DCB	Ave	78933 2824630	287859	712257	1470191	2274951	5.00 200	20.0	50.0	100	150
1,3-Dichlorobenzene	DCB	Ave	41099 1461742	144055	360903	749578	1165458	5.00 200	20.0	50.0	100	150
1,4-Dichlorobenzene	DCB	Ave	39793 1480771	144958	366765	754835	1168540	5.00 200	20.0	50.0	100	150
p-Diethylbenzene	DCB	Ave	38092 1353568	138722	356337	723113	1099466	5.00 200	20.0	50.0	100	150
Benzyl chloride	DCB	Ave	8404 333121	31558	86028	175007	267193	5.00 200	20.0	50.0	100	150
n-Butylbenzene	DCB	Ave	89448 3358182	328807	912957	1739224	2812389	5.00 200	20.0	50.0	100	150
1,2-Dichlorobenzene	DCB	Ave	37754 1378539	134649	346977	708551	1088359	5.00 200	20.0	50.0	100	150
1,2,4,5-Tetramethylbenzene	DCB	Ave	61651 2234194	229647	592965	1197669	1851601	5.00 200	20.0	50.0	100	150

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52207

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 06/23/2011 13:41 Calibration End Date: 06/23/2011 17:14 Calibration ID: 11264

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			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-Dibromo-3-Chloropropane	DCB	Ave	3454 179875	17752	43593	91542	140456	5.00 200	20.0	50.0	100	150
Nitrobenzene	DCB	Ave	6917 733100	41527	142863	322841	559665	50.0 2000	200	500	1000	1500
Hexachlorobutadiene	DCB	Ave	12424 400024	42511	111026	215364	339144	5.00 200	20.0	50.0	100	150
1,2,4-Trichlorobenzene	DCB	Ave	17370 765072	69067	201560	401362	639783	5.00 200	20.0	50.0	100	150
Naphthalene	DCB	Ave	30771 1886155	145889	447458	921695	1557970	5.00 200	20.0	50.0	100	150
1,2,3-Trichlorobenzene	DCB	Ave	16200 693416	60795	172492	346641	571696	5.00 200	20.0	50.0	100	150
Dibromofluoromethane	FB	Ave	25529 963589	93879	119316	491536	727922	5.00 200	20.0	25.0	100	150
1,2-Dichloroethane-d4 (Surr)	FB	Ave	27431 1023182	107260	123560	540532	818734	5.00 200	20.0	25.0	100	150
Toluene-d8 (Surr)	CBZ	Ave	81153 3014780	297968	365602	1504728	2282556	5.00 200	20.0	25.0	100	150
4-Bromofluorobenzene	DCB	Ave	31166 1134347	110724	136806	567202	856547	5.00 200	20.0	25.0	100	150

Curve Type Legend:
Ave = Average ISTD

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4512.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 23-JUN-2011 13:41 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;20
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 13:41 Cal File: O4512.D
Als bottle: 100 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.803	3.803	(1.000)	202340	25.0000	
2	Dichlorodifluoromethane	85	0.930	0.930	(0.245)	77376	20.0000	20
3	Chloromethane	50	1.008	1.008	(0.265)	144432	20.0000	20
4	Vinyl Chloride	62	1.048	1.048	(0.276)	107847	20.0000	20
5	Bromomethane	94	1.176	1.176	(0.309)	49680	20.0000	19
6	Chloroethane	64	1.225	1.225	(0.322)	56051	20.0000	23
7	Trichlorofluoromethane	101	1.284	1.284	(0.338)	112001	20.0000	21
8	Dichlorofluoromethane	67	1.303	1.303	(0.343)	163578	20.0000	21
9	Ethyl Ether	45	1.402	1.402	(0.369)	61394	20.0000	21
10	Ethanol	45	1.451	1.451	(0.382)	50035	200.000	220
12	Freon 123	67	1.500	1.500	(0.395)	29091	20.0000	21
13	Trichlorotrifluoroethane	101	1.510	1.510	(0.397)	81561	20.0000	20
14	1,1-Dichloroethene	96	1.500	1.500	(0.395)	67178	20.0000	20
15	Carbon Disulfide	76	1.530	1.530	(0.402)	320023	20.0000	20
16	Iodomethane	142	1.579	1.579	(0.415)	96019	20.0000	17
17	Acrolein	56	1.648	1.648	(0.433)	94578	100.000	100
18	2-Propanol	45	1.707	1.707	(0.449)	26157	20.0000	23(H)
19	3-Chloro-1-Propene	41	1.717	1.717	(0.452)	187003	20.0000	20
20	Methylene Chloride	84	1.776	1.776	(0.467)	135127	20.0000	26
21	Acetone	43	1.795	1.795	(0.472)	80906	20.0000	25
22	trans-1,2-Dichloroethene	96	1.854	1.854	(0.488)	85936	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.845	1.845	(0.485)	547012	20.0000	22
	24 Methyl tert-Butyl Ether	73	1.904	1.904	(0.501)	258268	20.0000	21
	25 tert-Butyl alcohol	59	1.943	1.943	(0.511)	91956	100.000	120
	26 Acetonitrile	41	2.051	2.051	(0.539)	170643	200.000	220
	27 Isopropyl ether	45	2.110	2.110	(0.555)	405481	20.0000	20
	28 tert-Butyl ethyl ether	59	2.346	2.346	(0.617)	326129	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.199	2.199	(0.578)	83647	20.0000	20
	30 Acrylonitrile	53	2.238	2.238	(0.589)	101736	40.0000	44
	31 1,1-Dichloroethane	63	2.209	2.209	(0.581)	175946	20.0000	21
	32 Vinyl Acetate	43	2.356	2.356	(0.620)	296589	20.0000	21
	33 cis-1,2-Dichloroethene	96	2.583	2.583	(0.679)	95718	20.0000	20
	34 2,2-Dichloropropane	77	2.661	2.661	(0.700)	142633	20.0000	21
	35 Bromochloromethane	128	2.740	2.740	(0.721)	45976	20.0000	20
	37 Cyclohexane	84	2.750	2.750	(0.723)	139173	20.0000	20
	38 Chloroform	83	2.799	2.799	(0.736)	164568	20.0000	20
	39 Ethyl Acetate	43	2.897	2.897	(0.762)	20432	40.0000	51(M)
	40 Methyl Acrylate	55	2.907	2.907	(0.765)	104212	20.0000	22
$	41 Dibromofluoromethane	111	2.956	2.956	(0.778)	93879	20.0000	21
	42 Tetrahydrofuran	42	2.937	2.937	(0.772)	91174	40.0000	43
	43 Carbon Tetrachloride	117	2.917	2.917	(0.767)	112448	20.0000	20
	44 1,1,1-Trichloroethane	97	2.976	2.976	(0.783)	118280	20.0000	20
	45 2-Butanone	43	3.065	3.065	(0.806)	87452	20.0000	23
	46 1,1-Dichloropropene	75	3.094	3.094	(0.814)	132911	20.0000	21
	47 tert-Amyl methyl ether	73	3.458	3.458	(0.909)	275519	20.0000	21
	49 1-Chlorobutane	56	3.134	3.134	(0.824)	205044	20.0000	21
	51 Propionitrile	54	3.350	3.350	(0.881)	170004	200.000	220
	52 Benzene	78	3.330	3.330	(0.876)	359485	20.0000	21
	53 2-Methyl-2-Propenenitrile	41	3.379	3.379	(0.889)	85314	20.0000	22
	54 Isobutyl alcohol	42	3.606	3.606	(0.948)	43413	100.000	91(M)
$	55 1,2-Dichloroethane-d4	65	3.478	3.478	(0.915)	107260	20.0000	22
	56 1,2-Dichloroethane	62	3.547	3.547	(0.933)	118471	20.0000	21
	59 Methyl Cyclohexane	83	4.009	4.009	(1.054)	163189	20.0000	21
	60 Trichloroethene	130	4.029	4.029	(1.060)	79742	20.0000	20
	63 Dibromomethane	93	4.550	4.550	(1.197)	64175	20.0000	21
	64 1,2-Dichloropropane	63	4.668	4.668	(1.228)	107104	20.0000	21(T)
	65 Bromodichloromethane	83	4.777	4.777	(1.256)	132562	20.0000	22
	66 Methyl Methacrylate	69	5.003	5.003	(1.316)	79226	20.0000	21
	67 1,4-Dioxane	58	5.023	5.023	(1.321)	12208	200.000	230
	69 2-Chloroethylvinylether	63	5.465	5.465	(1.437)	63767	20.0000	22
	70 cis-1,3-Dichloropropene	75	5.495	5.495	(1.445)	157347	20.0000	21
	71 Chloroacetonitrile	48	5.928	5.928	(1.559)	49567	200.000	200
	72 2-Nitropropane	41	5.977	5.977	(1.572)	55729	40.0000	42
	73 trans-1,3-Dichloropropene	75	6.193	6.193	(1.629)	136643	20.0000	21
	74 1,1,2-Trichloroethane	97	6.351	6.351	(1.670)	79213	20.0000	22
*	75 Chlorobenzene-d5	117	7.207	7.207	(1.000)	138475	25.0000	
	76 Toluene	91	5.741	5.741	(0.797)	344098	20.0000	21
$	77 Toluene-d8	98	5.692	5.692	(0.790)	297968	20.0000	21
	78 1,1-Dichloro-2-propanone	43	5.997	5.997	(0.832)	348623	100.000	100(M)
	79 4-Methyl-2-Pentanone	43	6.164	6.164	(0.855)	138621	20.0000	21
	80 Tetrachloroethene	164	6.134	6.134	(0.851)	56541	20.0000	19
	81 Ethyl Methacrylate	69	6.400	6.400	(0.888)	122063	20.0000	21
	82 Dibromochloromethane	129	6.508	6.508	(0.903)	90009	20.0000	21
	83 1,3-Dichloropropane	76	6.597	6.597	(0.915)	145373	20.0000	21
	84 1,2-Dibromoethane	107	6.705	6.705	(0.930)	86545	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.990	6.990	(0.970)	120987	20.0000	24
87	1-Chlorohexane	91	7.256	7.256	(1.007)	164737	20.0000	22(M)
88	Chlorobenzene	112	7.227	7.227	(1.003)	211378	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.012)	73709	20.0000	20
90	Ethylbenzene	106	7.276	7.276	(1.010)	111376	20.0000	21
91	Xylene (total)mp	106	7.413	7.413	(1.029)	277075	40.0000	41
92	Xylene (total)o	106	7.797	7.797	(1.082)	132584	20.0000	20
93	Styrene	104	7.856	7.856	(1.090)	219731	20.0000	20
94	Bromoform	173	7.856	7.856	(1.090)	56333	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	9.312	9.312	(1.000)	62725	25.0000	
96	Isopropylbenzene	105	8.092	8.092	(0.869)	313849	20.0000	21
97	Bromobenzene	156	8.407	8.407	(0.903)	82047	20.0000	21
98	1,1,2,2-Tetrachloroethane	83	8.545	8.545	(0.918)	126097	20.0000	22
99	4-Ethyltoluene	105	8.565	8.565	(0.920)	332375	20.0000	21
100	1,2,3-Trichloropropane	110	8.634	8.634	(0.927)	28360	20.0000	22
101	trans-1,4-Dichloro-2-Butene	53	8.683	8.683	(0.932)	62382	40.0000	43
102	n-Propylbenzene	91	8.466	8.466	(0.909)	446194	20.0000	21
103	2-Chlorotoluene	91	8.574	8.574	(0.921)	294333	20.0000	22
104	4-Chlorotoluene	91	8.732	8.732	(0.938)	270075	20.0000	22
105	1,3,5-Trimethylbenzene	105	8.643	8.643	(0.928)	279940	20.0000	21
106	tert-Butylbenzene	119	8.919	8.919	(0.958)	232637	20.0000	22
107	1,2,4-Trimethylbenzene	105	8.978	8.978	(0.964)	283814	20.0000	22
108	sec-Butylbenzene	105	9.066	9.066	(0.974)	378708	20.0000	21
109	4-Isopropyltoluene	119	9.204	9.204	(0.988)	287859	20.0000	21
110	1,3-Dichlorobenzene	146	9.244	9.244	(0.993)	144055	20.0000	21
111	1,4-Dichlorobenzene	146	9.322	9.322	(1.001)	144958	20.0000	21
112	1,2-Dichlorobenzene	146	9.676	9.676	(1.039)	134649	20.0000	21
113	Benzyl Chloride	126	9.549	9.549	(1.025)	31558	20.0000	20
114	1,4-Diethylbenzene	119	9.529	9.529	(1.023)	138722	20.0000	21
115	n-Butylbenzene	91	9.578	9.578	(1.029)	328807	20.0000	20
118	1,2,4,5-Tetramethylbenzene	119	10.227	10.227	(1.098)	229647	20.0000	21
119	1,2-Dibromo-3-chloropropane	75	10.375	10.375	(1.114)	17752	20.0000	22
120	Nitrobenzene	77	10.867	10.867	(1.167)	41527	200.000	160
121	1,2,4-Trichlorobenzene	180	10.975	10.975	(1.179)	69067	20.0000	20
122	Hexachlorobutadiene	225	10.975	10.975	(1.179)	42511	20.0000	21
123	Naphthalene	128	11.251	11.251	(1.208)	145889	20.0000	19
124	1,2,3-Trichlorobenzene	180	11.418	11.418	(1.226)	60795	20.0000	20
$ 125	Bromofluorobenzene	95	8.329	8.329	(0.894)	110724	20.0000	21
M 126	1,2-Dichloroethene (total)	100				181654	40.0000	41
M 127	Xylene (total)	100				409659	60.0000	62

QC Flag Legend

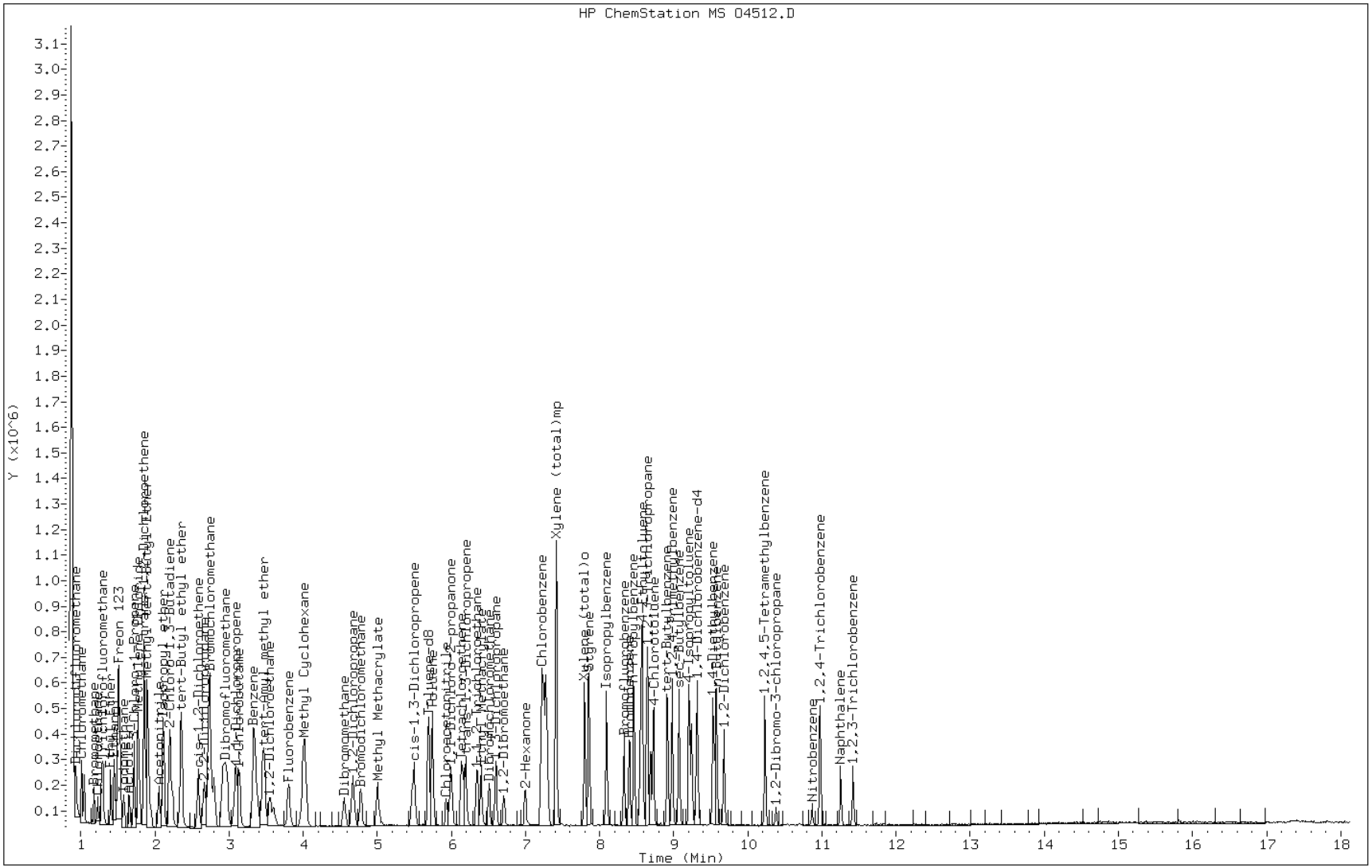
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O4512.D

Date: 23-JUN-2011 13:41

Client ID: IC;20 Instrument: mso.i

Sample Info: IC;20 Operator: D. HUMBERT



Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 06/23/2011

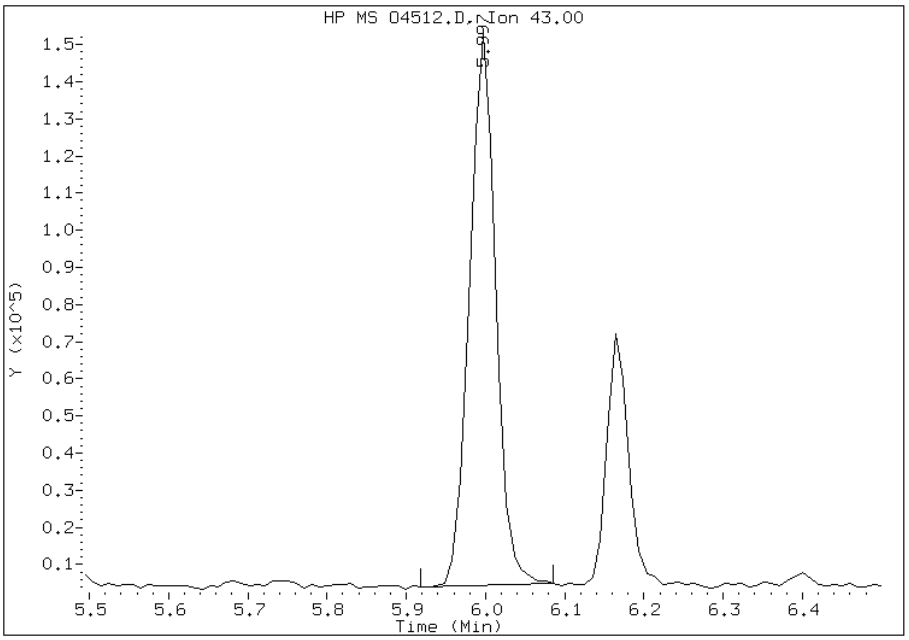
Processing Integration Results

RT: 6.00

Response: 348623

Amount: 105

Conc: 105



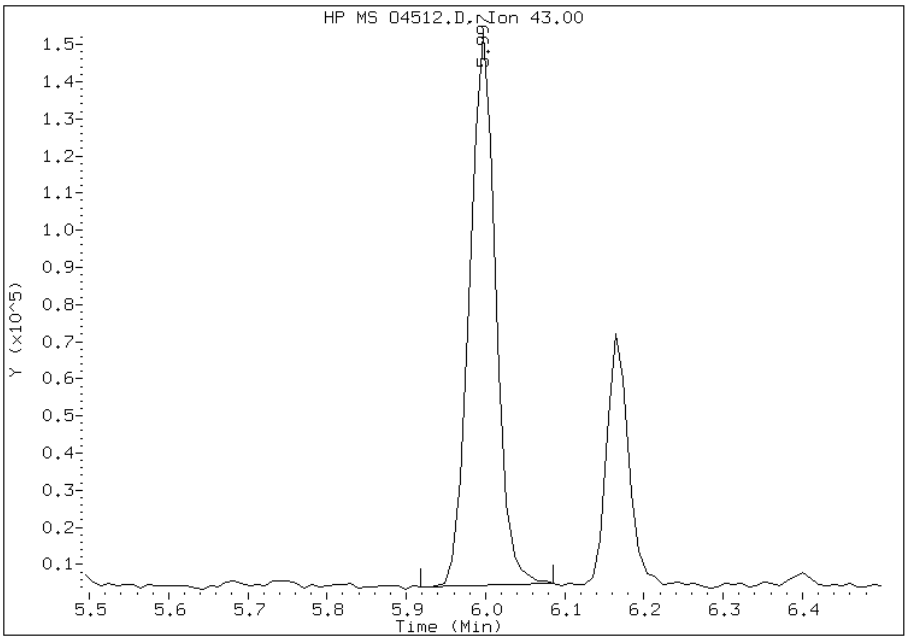
Manual Integration Results

RT: 6.00

Response: 348623

Amount: 105

Conc: 105



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 06/23/2011

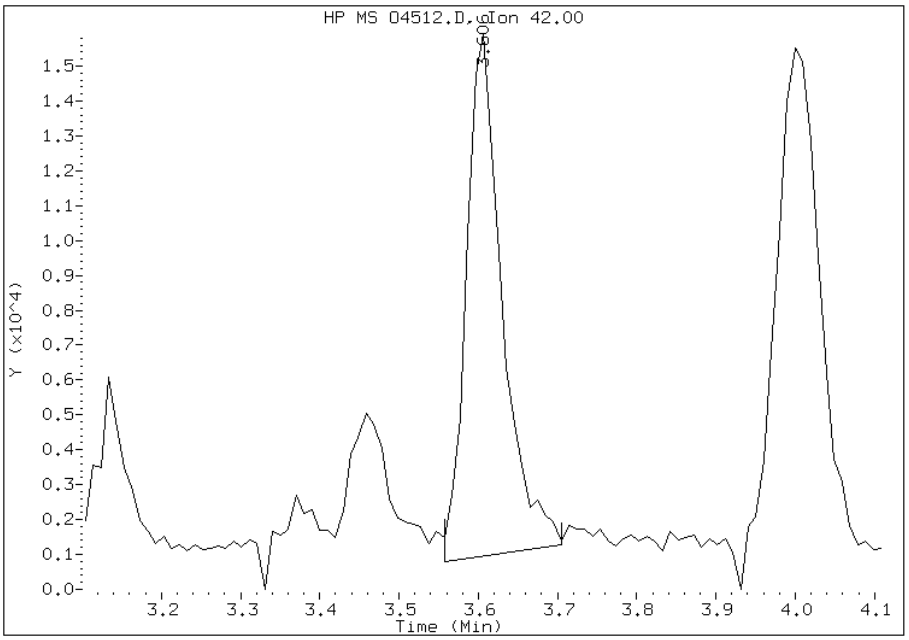
Processing Integration Results

RT: 3.61

Response: 47820

Amount: 109

Conc: 109



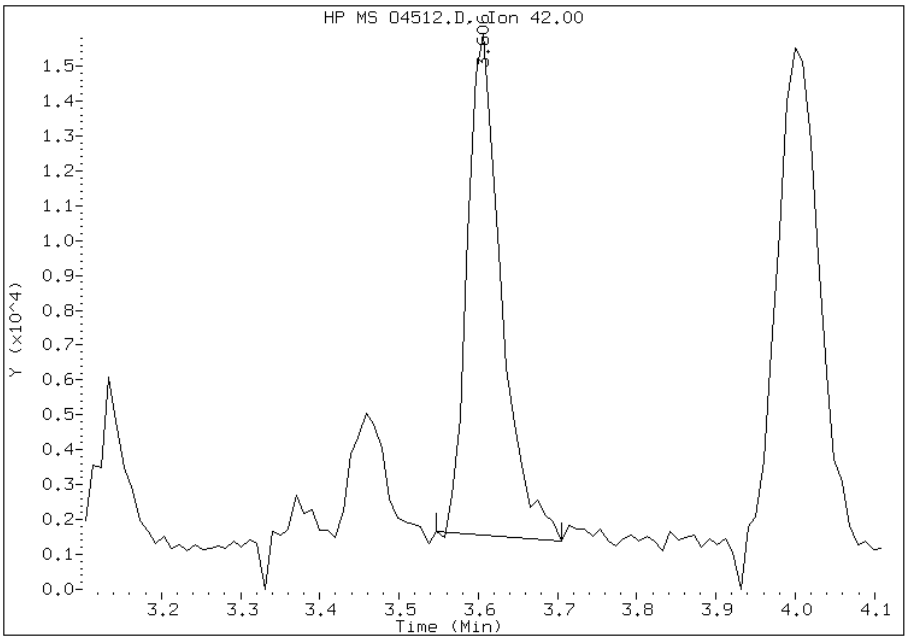
Manual Integration Results

RT: 3.61

Response: 43413

Amount: 91

Conc: 91



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

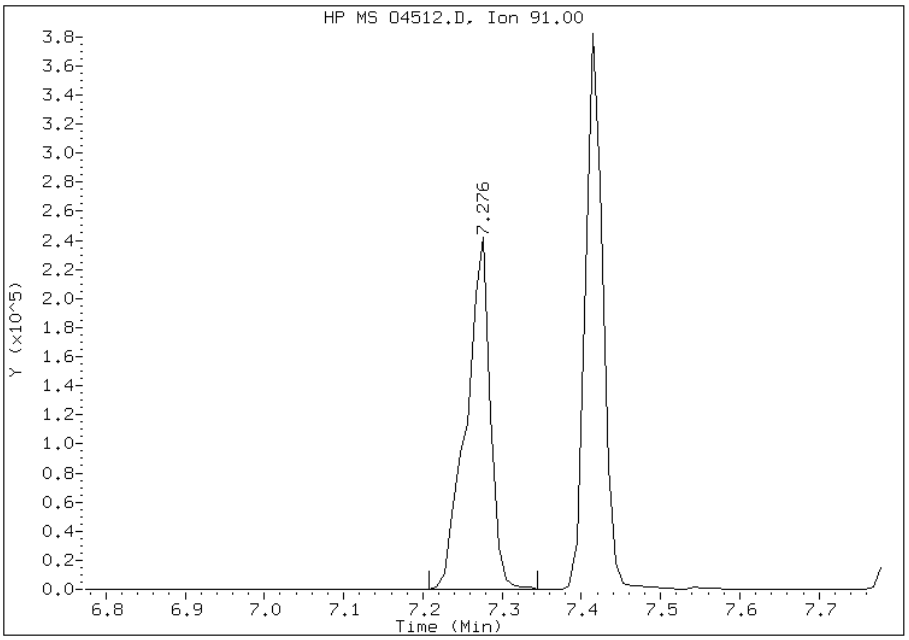
Processing Integration Results

RT: 7.28

Response: 518392

Amount: 34

Conc: 34



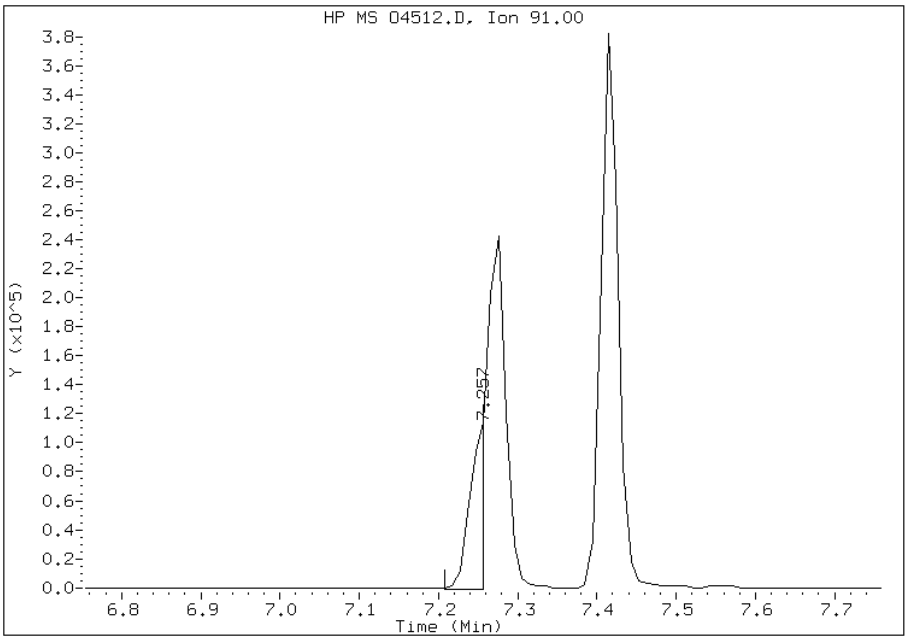
Manual Integration Results

RT: 7.26

Response: 164737

Amount: 22

Conc: 22



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4512.D
Inj. Date and Time: 23-JUN-2011 13:41
Instrument ID: mso.i
Client ID: IC;20
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

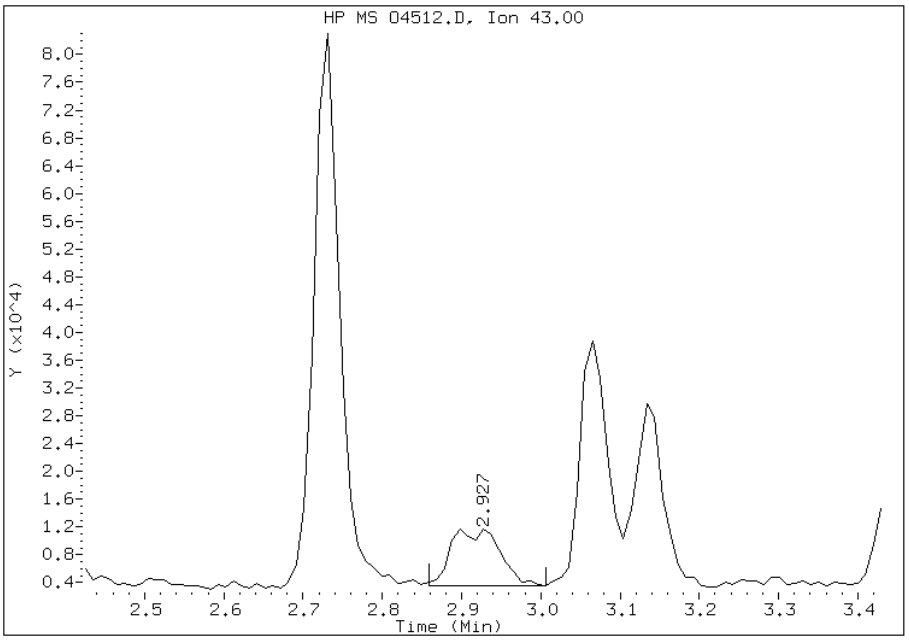
Processing Integration Results

RT: 2.93

Response: 35634

Amount: 61

Conc: 61



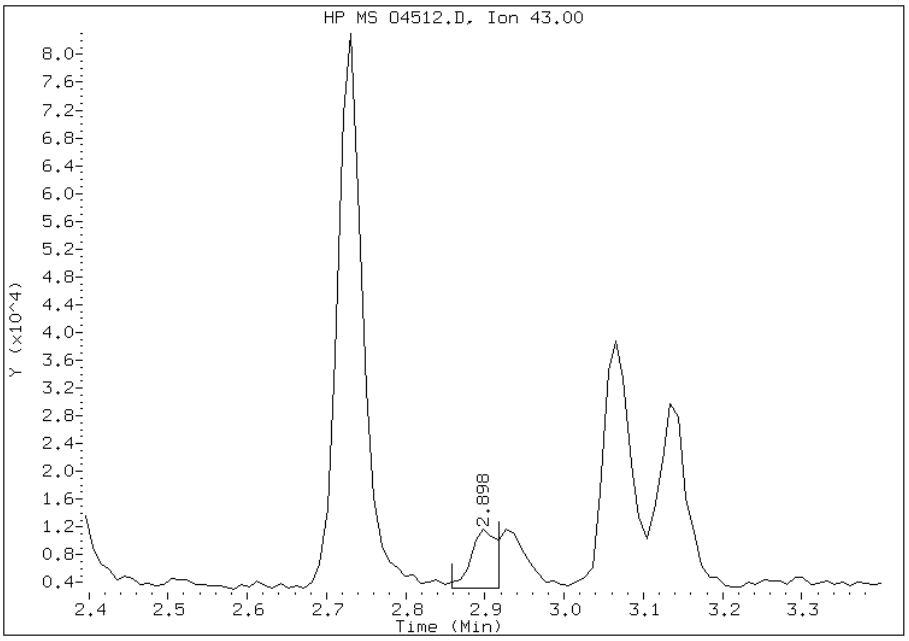
Manual Integration Results

RT: 2.90

Response: 20432

Amount: 51

Conc: 51



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4513.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 23-JUN-2011 14:06 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;50
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 14:06 Cal File: O4513.D
Als bottle: 100 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.806	3.806	(1.000)	210020	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.245)	212982	50.0000	52
3	Chloromethane	50	1.012	1.012	(0.266)	401702	50.0000	54
4	Vinyl Chloride	62	1.041	1.041	(0.274)	290448	50.0000	51
5	Bromomethane	94	1.179	1.179	(0.310)	129423	50.0000	49
6	Chloroethane	64	1.228	1.228	(0.323)	151300	50.0000	60
7	Trichlorofluoromethane	101	1.287	1.287	(0.338)	283315	50.0000	51
8	Dichlorofluoromethane	67	1.297	1.297	(0.341)	411564	50.0000	52
9	Ethyl Ether	45	1.405	1.405	(0.369)	148391	50.0000	50
10	Ethanol	45	1.454	1.454	(0.382)	135220	500.000	580
12	Freon 123	67	1.504	1.504	(0.395)	70389	50.0000	50
13	Trichlorotrifluoroethane	101	1.513	1.513	(0.398)	222589	50.0000	54
14	1,1-Dichloroethene	96	1.504	1.504	(0.395)	178420	50.0000	52
15	Carbon Disulfide	76	1.533	1.533	(0.403)	851524	50.0000	52
16	Iodomethane	142	1.582	1.582	(0.416)	312667	50.0000	54
17	Acrolein	56	1.651	1.651	(0.434)	233138	250.000	250
18	2-Propanol	45	1.710	1.710	(0.449)	61657	50.0000	53(H)
19	3-Chloro-1-Propene	41	1.720	1.720	(0.452)	488573	50.0000	52
20	Methylene Chloride	84	1.769	1.769	(0.465)	282114	50.0000	52
21	Acetone	43	1.789	1.789	(0.470)	177744	50.0000	54
22	trans-1,2-Dichloroethene	96	1.858	1.858	(0.488)	222772	50.0000	52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.848	1.848	(0.486)	1383438	50.0000	53
	24 Methyl tert-Butyl Ether	73	1.907	1.907	(0.501)	662505	50.0000	52
	25 tert-Butyl alcohol	59	1.936	1.936	(0.509)	208375	250.000	260
	26 Acetonitrile	41	2.045	2.045	(0.537)	389926	500.000	490
	27 Isopropyl ether	45	2.114	2.114	(0.555)	1017668	50.0000	50
	28 tert-Butyl ethyl ether	59	2.350	2.350	(0.617)	823155	50.0000	51
	29 2-Chloro-1,3-Butadiene	88	2.192	2.192	(0.576)	221118	50.0000	51
	30 Acrylonitrile	53	2.241	2.241	(0.589)	226901	100.000	96
	31 1,1-Dichloroethane	63	2.212	2.212	(0.581)	447830	50.0000	51
	32 Vinyl Acetate	43	2.360	2.360	(0.620)	735219	50.0000	50
	33 cis-1,2-Dichloroethene	96	2.586	2.586	(0.679)	252077	50.0000	52
	34 2,2-Dichloropropane	77	2.665	2.665	(0.700)	351635	50.0000	50
	35 Bromochloromethane	128	2.733	2.733	(0.718)	119462	50.0000	51
	37 Cyclohexane	84	2.743	2.743	(0.721)	357045	50.0000	50
	38 Chloroform	83	2.792	2.792	(0.734)	432636	50.0000	51
	39 Ethyl Acetate	43	2.891	2.891	(0.760)	40603	100.000	98(H)
	40 Methyl Acrylate	55	2.901	2.901	(0.762)	259873	50.0000	52
$	41 Dibromofluoromethane	111	2.950	2.950	(0.775)	119316	25.0000	25
	42 Tetrahydrofuran	42	2.930	2.930	(0.770)	225089	100.000	100
	43 Carbon Tetrachloride	117	2.920	2.920	(0.767)	290061	50.0000	51
	44 1,1,1-Trichloroethane	97	2.979	2.979	(0.783)	299184	50.0000	50
	45 2-Butanone	43	3.058	3.058	(0.804)	197631	50.0000	50
	46 1,1-Dichloropropene	75	3.088	3.088	(0.811)	332217	50.0000	50
	47 tert-Amyl methyl ether	73	3.462	3.462	(0.910)	668091	50.0000	50
	49 1-Chlorobutane	56	3.137	3.137	(0.824)	507789	50.0000	50
	51 Propionitrile	54	3.343	3.343	(0.879)	401701	500.000	500
	52 Benzene	78	3.334	3.334	(0.876)	900674	50.0000	50
	53 2-Methyl-2-Propenenitrile	41	3.373	3.373	(0.886)	196386	50.0000	49
	54 Isobutyl alcohol	42	3.599	3.599	(0.946)	105283	250.000	210(M)
$	55 1,2-Dichloroethane-d4	65	3.471	3.471	(0.912)	123560	25.0000	24
	56 1,2-Dichloroethane	62	3.550	3.550	(0.933)	292379	50.0000	50
	59 Methyl Cyclohexane	83	4.003	4.003	(1.052)	403264	50.0000	50
	60 Trichloroethene	130	4.022	4.022	(1.057)	208801	50.0000	51
	63 Dibromomethane	93	4.544	4.544	(1.194)	161768	50.0000	51
	64 1,2-Dichloropropane	63	4.672	4.672	(1.227)	262566	50.0000	50
	65 Bromodichloromethane	83	4.770	4.770	(1.253)	314089	50.0000	49
	66 Methyl Methacrylate	69	4.996	4.996	(1.313)	197737	50.0000	50
	67 1,4-Dioxane	58	5.016	5.016	(1.318)	28280	500.000	520
	69 2-Chloroethylvinylether	63	5.459	5.459	(1.434)	151905	50.0000	50
	70 cis-1,3-Dichloropropene	75	5.498	5.498	(1.445)	386781	50.0000	50
	71 Chloroacetonitrile	48	5.921	5.921	(1.556)	127281	500.000	480
	72 2-Nitropropane	41	5.980	5.980	(1.571)	140256	100.000	100
	73 trans-1,3-Dichloropropene	75	6.187	6.187	(1.626)	339822	50.0000	50
	74 1,1,2-Trichloroethane	97	6.344	6.344	(1.667)	186365	50.0000	50
*	75 Chlorobenzene-d5	117	7.210	7.210	(1.000)	143115	25.0000	
	76 Toluene	91	5.744	5.744	(0.797)	845579	50.0000	50
$	77 Toluene-d8	98	5.685	5.685	(0.789)	365602	25.0000	24
	78 1,1-Dichloro-2-propanone	43	5.990	5.990	(0.831)	816273	250.000	240
	79 4-Methyl-2-Pentanone	43	6.157	6.157	(0.854)	330695	50.0000	48
	80 Tetrachloroethene	164	6.138	6.138	(0.851)	153954	50.0000	51
	81 Ethyl Methacrylate	69	6.394	6.394	(0.887)	307906	50.0000	51
	82 Dibromochloromethane	129	6.512	6.512	(0.903)	221114	50.0000	49
	83 1,3-Dichloropropane	76	6.600	6.600	(0.915)	358875	50.0000	49
	84 1,2-Dibromoethane	107	6.708	6.708	(0.930)	208930	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.994	6.994	(0.970)	271180	50.0000	52
87	1-Chlorohexane	91	7.250	7.250	(1.005)	320923	50.0000	41(M)
88	Chlorobenzene	112	7.220	7.220	(1.001)	535712	50.0000	50
89	1,1,1,2-Tetrachloroethane	131	7.299	7.299	(1.012)	182961	50.0000	49
90	Ethylbenzene	106	7.269	7.269	(1.008)	271581	50.0000	49
91	Xylene (total)mp	106	7.417	7.417	(1.029)	680500	100.000	98
92	Xylene (total)o	106	7.801	7.801	(1.082)	324840	50.0000	48
93	Styrene	104	7.850	7.850	(1.089)	545794	50.0000	49
94	Bromoform	173	7.850	7.850	(1.089)	143232	50.0000	50
* 95	1,4-Dichlorobenzene-d4	152	9.306	9.306	(1.000)	67369	25.0000	
96	Isopropylbenzene	105	8.086	8.086	(0.869)	777456	50.0000	49
97	Bromobenzene	156	8.401	8.401	(0.903)	204749	50.0000	49
98	1,1,2,2-Tetrachloroethane	83	8.538	8.538	(0.918)	291716	50.0000	48
99	4-Ethyltoluene	105	8.558	8.558	(0.920)	825126	50.0000	49
100	1,2,3-Trichloropropane	110	8.637	8.637	(0.928)	67635	50.0000	49
101	trans-1,4-Dichloro-2-Butene	53	8.686	8.686	(0.933)	151054	100.000	97
102	n-Propylbenzene	91	8.460	8.460	(0.909)	1086369	50.0000	49
103	2-Chlorotoluene	91	8.578	8.578	(0.922)	698901	50.0000	48
104	4-Chlorotoluene	91	8.725	8.725	(0.938)	648441	50.0000	49
105	1,3,5-Trimethylbenzene	105	8.647	8.647	(0.929)	683397	50.0000	48
106	tert-Butylbenzene	119	8.912	8.912	(0.958)	563279	50.0000	49
107	1,2,4-Trimethylbenzene	105	8.981	8.981	(0.965)	677421	50.0000	48
108	sec-Butylbenzene	105	9.070	9.070	(0.975)	920489	50.0000	48
109	4-Isopropyltoluene	119	9.207	9.207	(0.989)	712257	50.0000	49
110	1,3-Dichlorobenzene	146	9.237	9.237	(0.993)	360903	50.0000	49
111	1,4-Dichlorobenzene	146	9.316	9.316	(1.001)	366765	50.0000	49
112	1,2-Dichlorobenzene	146	9.680	9.680	(1.040)	346977	50.0000	50
113	Benzyl Chloride	126	9.542	9.542	(1.025)	86028	50.0000	52
114	1,4-Diethylbenzene	119	9.522	9.522	(1.023)	356337	50.0000	50
115	n-Butylbenzene	91	9.572	9.572	(1.029)	912957	50.0000	53
118	1,2,4,5-Tetramethylbenzene	119	10.231	10.231	(1.099)	592965	50.0000	51
119	1,2-Dibromo-3-chloropropane	75	10.378	10.378	(1.115)	43593	50.0000	51
120	Nitrobenzene	77	10.860	10.860	(1.167)	142863	500.000	520
121	1,2,4-Trichlorobenzene	180	10.979	10.979	(1.180)	201560	50.0000	54
122	Hexachlorobutadiene	225	10.969	10.969	(1.179)	111026	50.0000	51
123	Naphthalene	128	11.254	11.254	(1.209)	447458	50.0000	54
124	1,2,3-Trichlorobenzene	180	11.411	11.411	(1.226)	172492	50.0000	52
$ 125	Bromofluorobenzene	95	8.322	8.322	(0.894)	136806	25.0000	24
M 126	1,2-Dichloroethene (total)	100				474849	100.000	100
M 127	Xylene (total)	100				1005340	150.000	150

QC Flag Legend

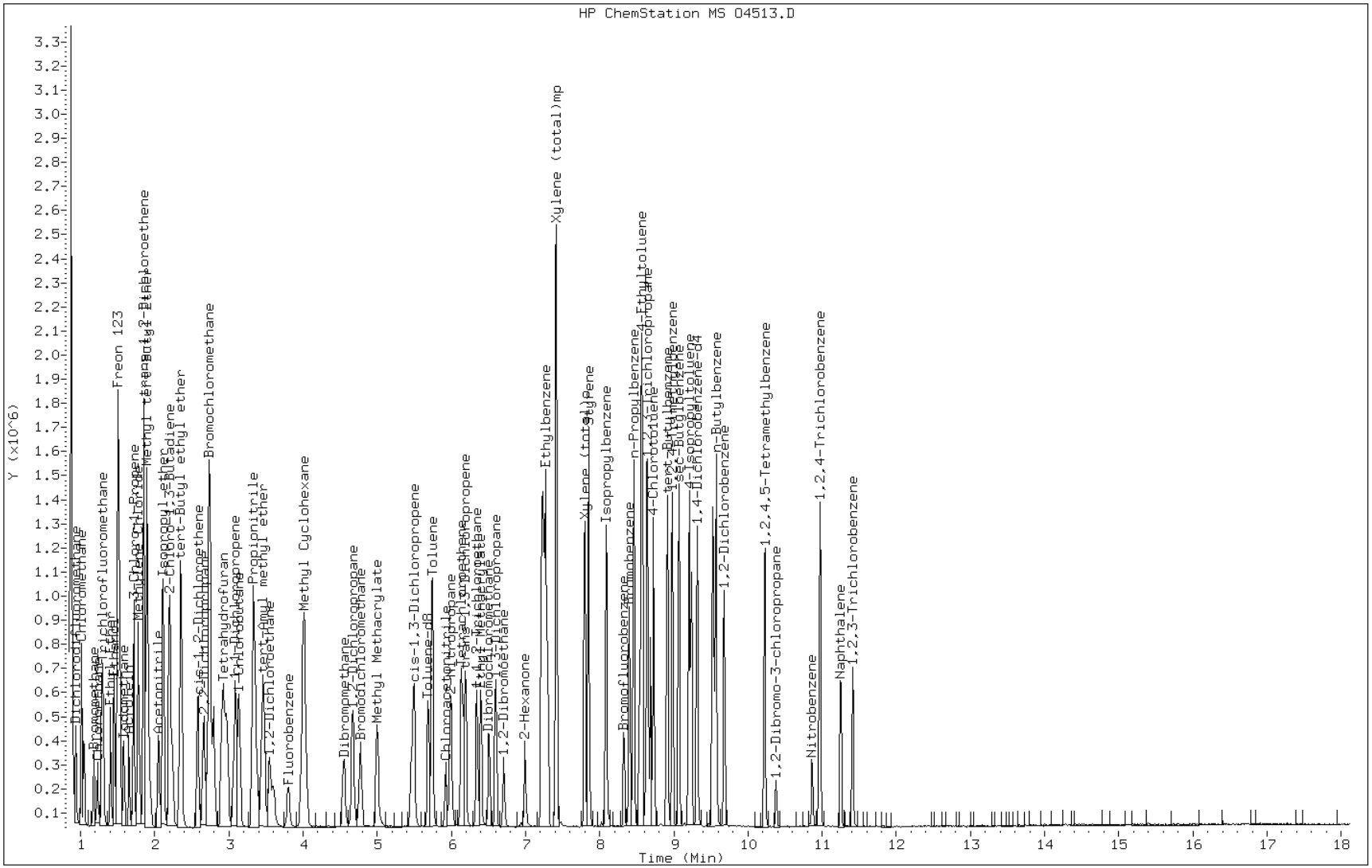
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O4513.D

Date: 23-JUN-2011 14:06

Client ID: IC;50 Instrument: mso.i

Sample Info: IC;50 Operator: D. HUMBERT



Manual Integration Report

Data File: O4513.D
Inj. Date and Time: 23-JUN-2011 14:06
Instrument ID: mso.i
Client ID: IC;50
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 06/23/2011

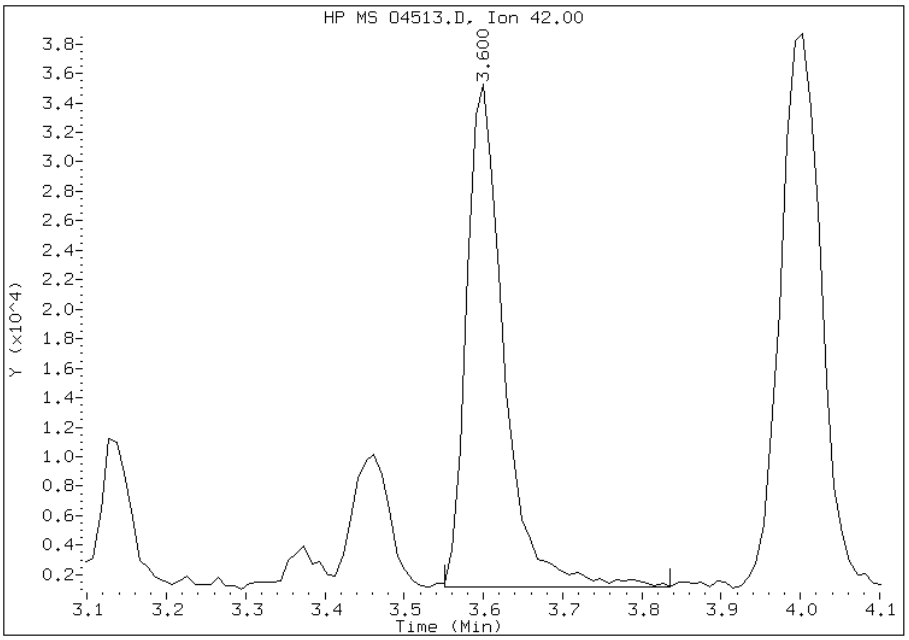
Processing Integration Results

RT: 3.60

Response: 113098

Amount: 247

Conc: 247



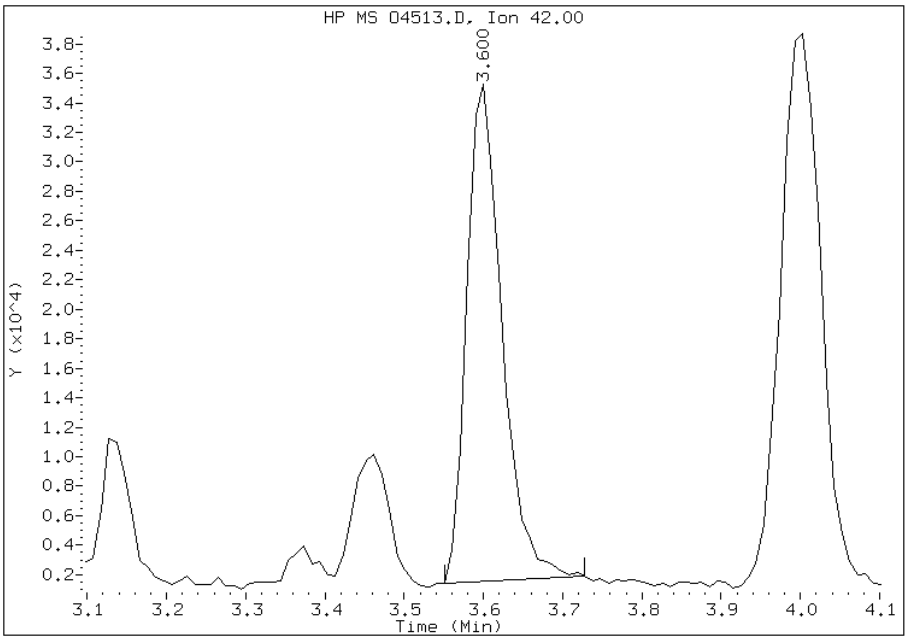
Manual Integration Results

RT: 3.60

Response: 105283

Amount: 212

Conc: 212



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4513.D
Inj. Date and Time: 23-JUN-2011 14:06
Instrument ID: mso.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

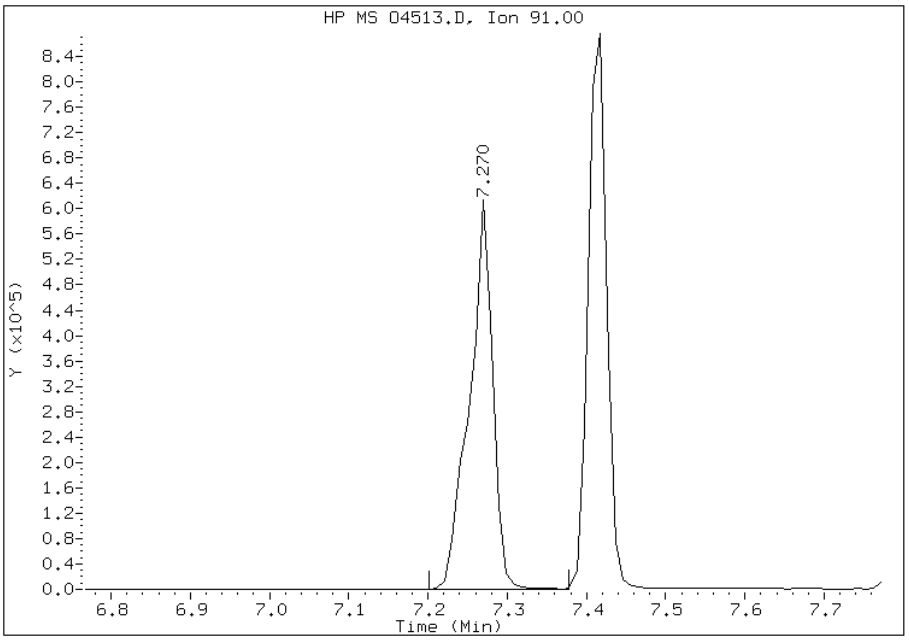
Processing Integration Results

RT: 7.27

Response: 1273746

Amount: 101

Conc: 101



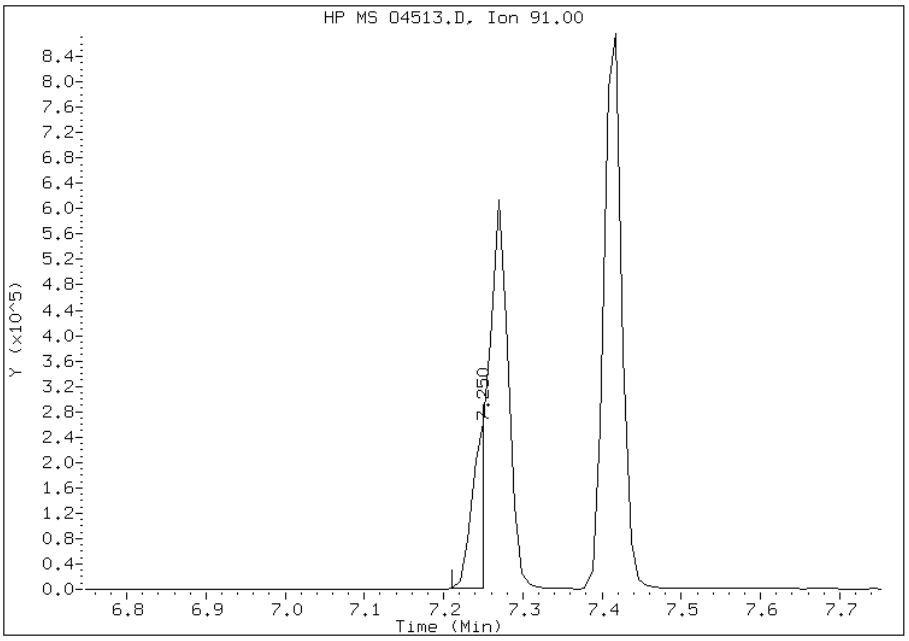
Manual Integration Results

RT: 7.25

Response: 320923

Amount: 41

Conc: 41



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4514.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 23-JUN-2011 14:32 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;100
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 14:32 Cal File: O4514.D
Als bottle: 100 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.796	3.801	(1.000)	243890	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.928	(0.246)	414486	100.000	88
3	Chloromethane	50	1.012	1.007	(0.267)	757613	100.000	88
4	Vinyl Chloride	62	1.041	1.047	(0.274)	607222	100.000	91
5	Bromomethane	94	1.169	1.174	(0.308)	214980	100.000	70
6	Chloroethane	64	1.218	1.224	(0.321)	251539	100.000	86
7	Trichlorofluoromethane	101	1.277	1.283	(0.337)	565882	100.000	88
8	Dichlorofluoromethane	67	1.297	1.302	(0.342)	801045	100.000	87
9	Ethyl Ether	45	1.396	1.401	(0.368)	298829	100.000	86
10	Ethanol	45	1.445	1.450	(0.381)	230272	1000.00	840
12	Freon 123	67	1.504	1.499	(0.396)	139590	100.000	84
13	Trichlorotrifluoroethane	101	1.504	1.509	(0.396)	435595	100.000	90
14	1,1-Dichloroethene	96	1.504	1.499	(0.396)	353280	100.000	88
15	Carbon Disulfide	76	1.523	1.529	(0.401)	1692000	100.000	89
16	Iodomethane	142	1.573	1.578	(0.414)	668432	100.000	100
17	Acrolein	56	1.651	1.657	(0.435)	460215	500.000	430
18	2-Propanol	45	1.710	1.706	(0.451)	113670	100.000	84(H)
19	3-Chloro-1-Propene	41	1.720	1.716	(0.453)	949788	100.000	87
20	Methylene Chloride	84	1.769	1.775	(0.466)	522549	100.000	83
21	Acetone	43	1.789	1.794	(0.471)	314390	100.000	82
22	trans-1,2-Dichloroethene	96	1.858	1.853	(0.489)	437128	100.000	88

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	23 Methyl Acetate	43	1.848	1.843	(0.487)	2568839	100.000	84
	24 Methyl tert-Butyl Ether	73	1.897	1.903	(0.500)	1279889	100.000	86
	25 tert-Butyl alcohol	59	1.937	1.942	(0.510)	412512	500.000	440
	26 Acetonitrile	41	2.045	2.050	(0.539)	789646	1000.00	850
	27 Isopropyl ether	45	2.104	2.109	(0.554)	2071836	100.000	87
	28 tert-Butyl ethyl ether	59	2.340	2.345	(0.616)	1672790	100.000	89
	29 2-Chloro-1,3-Butadiene	88	2.193	2.198	(0.578)	443501	100.000	88
	30 Acrylonitrile	53	2.232	2.237	(0.588)	513640	200.000	190
	31 1,1-Dichloroethane	63	2.202	2.208	(0.580)	897901	100.000	89
	32 Vinyl Acetate	43	2.360	2.365	(0.622)	1472498	100.000	87
	33 cis-1,2-Dichloroethene	96	2.576	2.581	(0.679)	501055	100.000	88
	34 2,2-Dichloropropane	77	2.665	2.660	(0.702)	688687	100.000	84
	35 Bromochloromethane	128	2.734	2.739	(0.720)	238622	100.000	88
	37 Cyclohexane	84	2.744	2.739	(0.723)	714066	100.000	86
	38 Chloroform	83	2.793	2.798	(0.736)	844921	100.000	86
	39 Ethyl Acetate	43	2.891	2.906	(0.762)	78232	200.000	160(M)
	40 Methyl Acrylate	55	2.901	2.906	(0.764)	504700	100.000	87
$	41 Dibromofluoromethane	111	2.950	2.955	(0.777)	491536	100.000	90
	42 Tetrahydrofuran	42	2.930	2.936	(0.772)	443966	200.000	170
	43 Carbon Tetrachloride	117	2.911	2.916	(0.767)	583257	100.000	89
	44 1,1,1-Trichloroethane	97	2.970	2.975	(0.782)	602959	100.000	87
	45 2-Butanone	43	3.058	3.064	(0.806)	394725	100.000	86
	46 1,1-Dichloropropene	75	3.088	3.093	(0.813)	669473	100.000	87
	47 tert-Amyl methyl ether	73	3.452	3.457	(0.909)	1361943	100.000	87
	49 1-Chlorobutane	56	3.127	3.132	(0.824)	1037052	100.000	87
	51 Propionitrile	54	3.344	3.349	(0.881)	832437	1000.00	880
	52 Benzene	78	3.324	3.329	(0.876)	1838620	100.000	88
	53 2-Methyl-2-Propenenitrile	41	3.373	3.378	(0.889)	394793	100.000	84
	54 Isobutyl alcohol	42	3.599	3.614	(0.948)	231503	500.000	400
$	55 1,2-Dichloroethane-d4	65	3.472	3.477	(0.914)	540532	100.000	90
	56 1,2-Dichloroethane	62	3.540	3.546	(0.933)	596993	100.000	89
	59 Methyl Cyclohexane	83	4.003	3.998	(1.054)	802492	100.000	86
	60 Trichloroethene	130	4.023	4.028	(1.060)	424027	100.000	89
	63 Dibromomethane	93	4.544	4.549	(1.197)	327360	100.000	88
	64 1,2-Dichloropropane	63	4.672	4.667	(1.231)	531260	100.000	87
	65 Bromodichloromethane	83	4.770	4.775	(1.257)	631913	100.000	86
	66 Methyl Methacrylate	69	4.997	5.002	(1.316)	407076	100.000	88
	67 1,4-Dioxane	58	5.016	5.026	(1.321)	56067	1000.00	880
	69 2-Chloroethylvinylether	63	5.459	5.464	(1.438)	307800	100.000	87
	70 cis-1,3-Dichloropropene	75	5.489	5.494	(1.446)	786091	100.000	87
	71 Chloroacetonitrile	48	5.921	5.927	(1.560)	260382	1000.00	860
	72 2-Nitropropane	41	5.981	5.976	(1.575)	278571	200.000	170
	73 trans-1,3-Dichloropropene	75	6.187	6.192	(1.630)	695226	100.000	88
	74 1,1,2-Trichloroethane	97	6.345	6.340	(1.671)	376517	100.000	86
*	75 Chlorobenzene-d5	117	7.210	7.206	(1.000)	167584	25.0000	
	76 Toluene	91	5.735	5.740	(0.795)	1677793	100.000	84
$	77 Toluene-d8	98	5.685	5.691	(0.789)	1504728	100.000	86
	78 1,1-Dichloro-2-propanone	43	5.990	5.996	(0.831)	1688072	500.000	420
	79 4-Methyl-2-Pentanone	43	6.158	6.173	(0.854)	651339	100.000	82
	80 Tetrachloroethene	164	6.138	6.133	(0.851)	313703	100.000	88
	81 Ethyl Methacrylate	69	6.394	6.399	(0.887)	616912	100.000	88
	82 Dibromochloromethane	129	6.502	6.507	(0.902)	455525	100.000	86
	83 1,3-Dichloropropane	76	6.600	6.596	(0.915)	730644	100.000	86
	84 1,2-Dibromoethane	107	6.699	6.704	(0.929)	427324	100.000	85

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.994	6.999	(0.970)	516724	100.000	85
87	1-Chlorohexane	91	7.250	7.255	(1.005)	721855	100.000	79(M)
88	Chlorobenzene	112	7.220	7.225	(1.001)	1072608	100.000	86
89	1,1,1,2-Tetrachloroethane	131	7.299	7.294	(1.012)	377429	100.000	86
90	Ethylbenzene	106	7.269	7.275	(1.008)	557827	100.000	86
91	Xylene (total)mp	106	7.417	7.412	(1.029)	1399662	200.000	170
92	Xylene (total)o	106	7.801	7.796	(1.082)	674368	100.000	86
93	Styrene	104	7.850	7.855	(1.089)	1147383	100.000	88
94	Bromoform	173	7.850	7.855	(1.089)	298105	100.000	89
* 95	1,4-Dichlorobenzene-d4	152	9.306	9.311	(1.000)	78976	25.0000	
96	Isopropylbenzene	105	8.086	8.091	(0.869)	1592933	100.000	85
97	Bromobenzene	156	8.401	8.406	(0.903)	421080	100.000	86
98	1,1,2,2-Tetrachloroethane	83	8.539	8.534	(0.918)	601916	100.000	84
99	4-Ethyltoluene	105	8.558	8.564	(0.920)	1692808	100.000	86
100	1,2,3-Trichloropropane	110	8.627	8.632	(0.927)	138758	100.000	85
101	trans-1,4-Dichloro-2-Butene	53	8.686	8.682	(0.933)	323163	200.000	180
102	n-Propylbenzene	91	8.460	8.455	(0.909)	2208262	100.000	84
103	2-Chlorotoluene	91	8.578	8.573	(0.922)	1432926	100.000	84
104	4-Chlorotoluene	91	8.726	8.731	(0.938)	1330914	100.000	85
105	1,3,5-Trimethylbenzene	105	8.647	8.642	(0.929)	1408295	100.000	85
106	tert-Butylbenzene	119	8.913	8.908	(0.958)	1147598	100.000	85
107	1,2,4-Trimethylbenzene	105	8.981	8.977	(0.965)	1422559	100.000	86
108	sec-Butylbenzene	105	9.070	9.065	(0.975)	1918950	100.000	86
109	4-Isopropyltoluene	119	9.208	9.203	(0.989)	1470191	100.000	86
110	1,3-Dichlorobenzene	146	9.237	9.242	(0.993)	749578	100.000	86
111	1,4-Dichlorobenzene	146	9.316	9.321	(1.001)	754835	100.000	87
112	1,2-Dichlorobenzene	146	9.680	9.675	(1.040)	708551	100.000	87
113	Benzyl Chloride	126	9.542	9.547	(1.025)	175007	100.000	90
114	1,4-Diethylbenzene	119	9.523	9.528	(1.023)	723113	100.000	87
115	n-Butylbenzene	91	9.572	9.567	(1.029)	1739224	100.000	86
118	1,2,4,5-Tetramethylbenzene	119	10.231	10.226	(1.099)	1197669	100.000	88
119	1,2-Dibromo-3-chloropropane	75	10.379	10.374	(1.115)	91542	100.000	92
120	Nitrobenzene	77	10.861	10.866	(1.167)	322841	1000.00	1000
121	1,2,4-Trichlorobenzene	180	10.969	10.974	(1.179)	401362	100.000	91
122	Hexachlorobutadiene	225	10.969	10.964	(1.179)	215364	100.000	84
123	Naphthalene	128	11.244	11.250	(1.208)	921695	100.000	94
124	1,2,3-Trichlorobenzene	180	11.412	11.417	(1.226)	346641	100.000	88
$ 125	Bromofluorobenzene	95	8.322	8.327	(0.894)	567202	100.000	86
M 126	1,2-Dichloroethene (total)	100				938183	200.000	180
M 127	Xylene (total)	100				2074030	300.000	260

QC Flag Legend

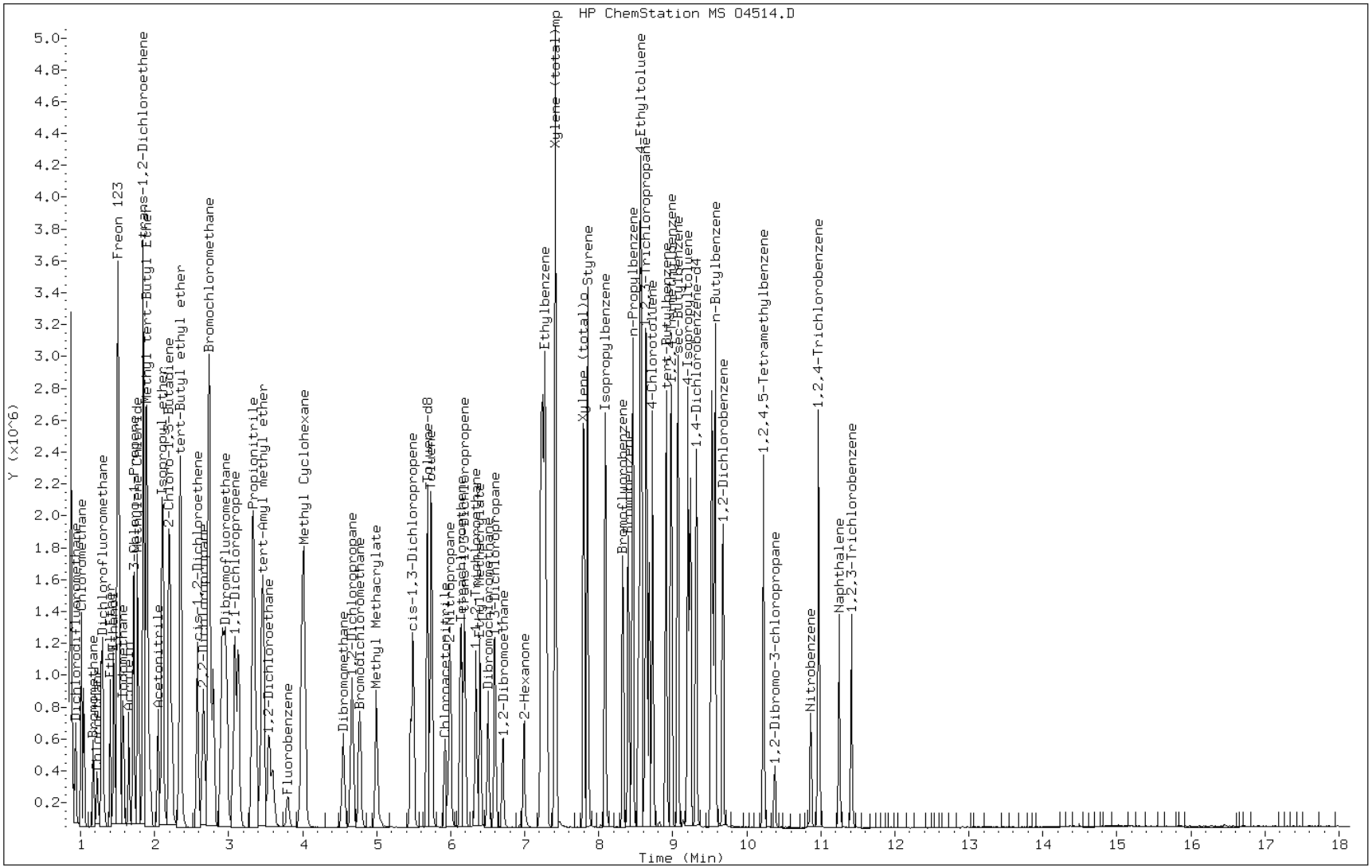
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O4514.D

Date: 23-JUN-2011 14:32

Client ID: IC;100 Instrument: mso.i

Sample Info: IC;100 Operator: D. HUMBERT



Manual Integration Report

Data File: O4514.D
Inj. Date and Time: 23-JUN-2011 14:32
Instrument ID: mso.i
Client ID: IC;100
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

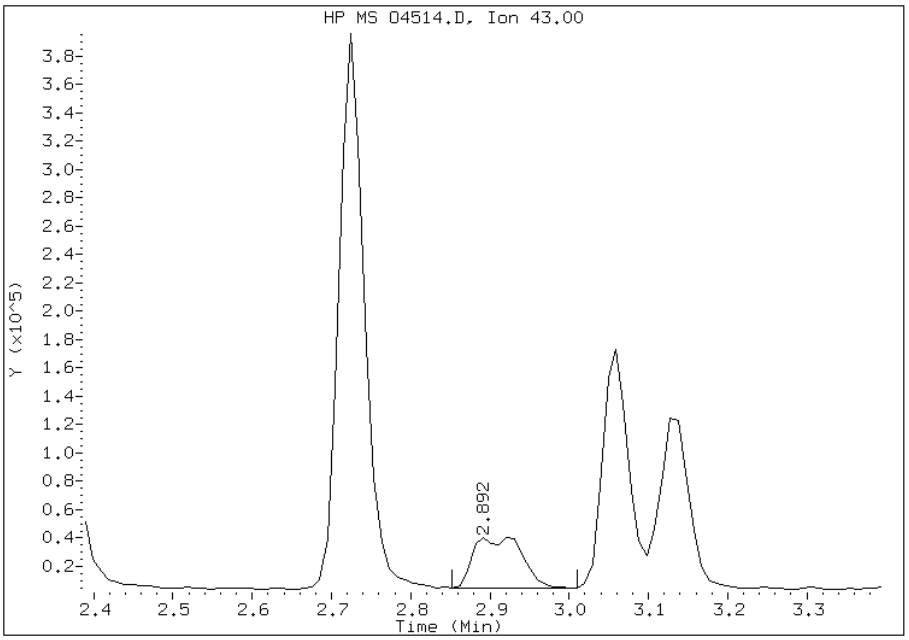
Processing Integration Results

RT: 2.89

Response: 157740

Amount: 258

Conc: 258



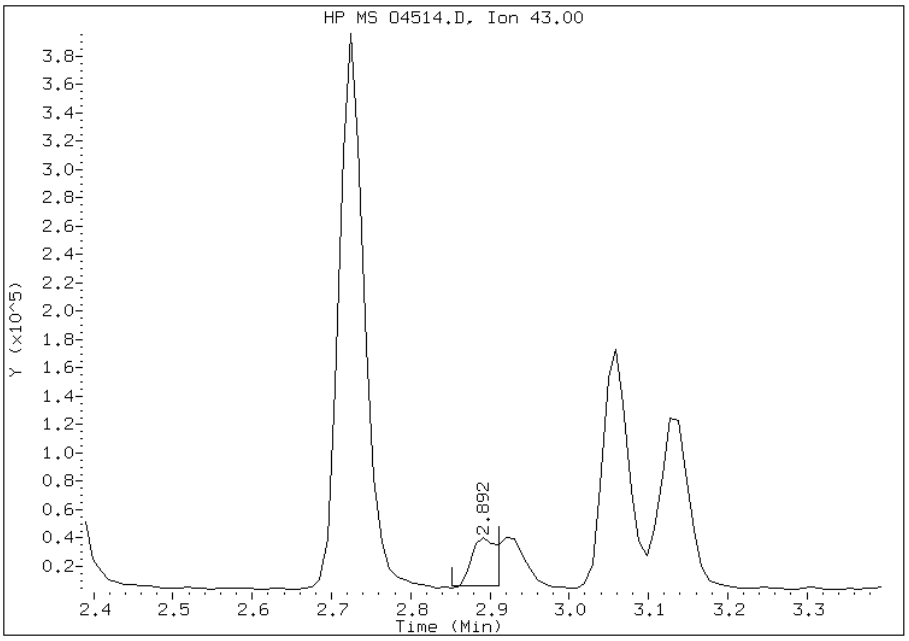
Manual Integration Results

RT: 2.89

Response: 78232

Amount: 162

Conc: 162



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4514.D
Inj. Date and Time: 23-JUN-2011 14:32
Instrument ID: mso.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

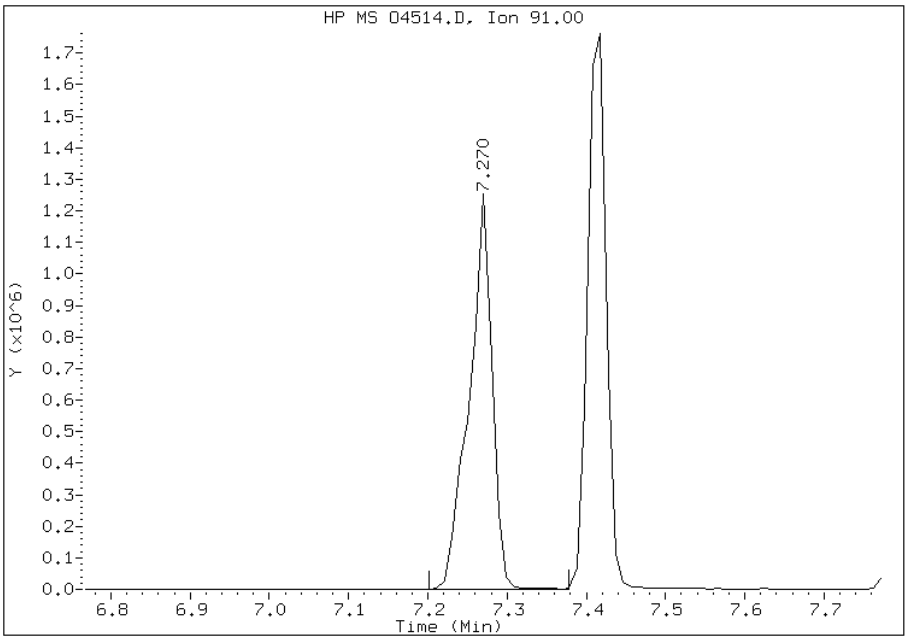
Processing Integration Results

RT: 7.27

Response: 2569504

Amount: 233

Conc: 233



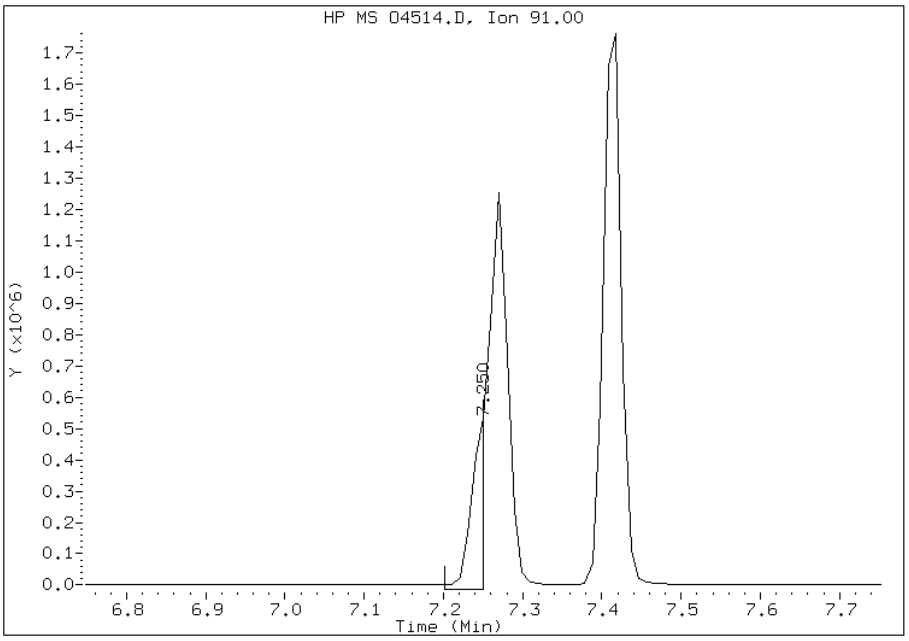
Manual Integration Results

RT: 7.25

Response: 721855

Amount: 79

Conc: 79



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4515.D
Lab Smp Id: IC;150 Client Smp ID: IC;150
Inj Date : 23-JUN-2011 14:57 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;150
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 14:57 Cal File: O4515.D
Als bottle: 100 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.794	3.794	(1.000)	198945	25.0000	
2	Dichlorodifluoromethane	85	0.931	0.931	(0.246)	635025	150.000	160
3	Chloromethane	50	1.010	1.010	(0.266)	1148518	150.000	160
4	Vinyl Chloride	62	1.039	1.039	(0.274)	908691	150.000	170
5	Bromomethane	94	1.167	1.167	(0.308)	309976	150.000	120
6	Chloroethane	64	1.217	1.217	(0.321)	307071	150.000	130
7	Trichlorofluoromethane	101	1.276	1.276	(0.336)	836893	150.000	160
8	Dichlorofluoromethane	67	1.295	1.295	(0.341)	1170390	150.000	160
9	Ethyl Ether	45	1.394	1.394	(0.367)	440620	150.000	160
10	Ethanol	45	1.443	1.443	(0.380)	341864	1500.00	1500
12	Freon 123	67	1.502	1.502	(0.396)	203703	150.000	150
13	Trichlorotrifluoroethane	101	1.502	1.502	(0.396)	654390	150.000	170
14	1,1-Dichloroethene	96	1.502	1.502	(0.396)	525632	150.000	160
15	Carbon Disulfide	76	1.522	1.522	(0.401)	2574535	150.000	160
16	Iodomethane	142	1.571	1.571	(0.414)	1021569	150.000	190
17	Acrolein	56	1.649	1.649	(0.435)	689138	750.000	780
18	2-Propanol	45	1.708	1.708	(0.450)	172339	150.000	160
19	3-Chloro-1-Propene	41	1.718	1.718	(0.453)	1425300	150.000	160
20	Methylene Chloride	84	1.768	1.768	(0.466)	779898	150.000	150
21	Acetone	43	1.787	1.787	(0.471)	475897	150.000	150
22	trans-1,2-Dichloroethene	96	1.856	1.856	(0.489)	662658	150.000	160

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.846	1.846	(0.487)	3894219	150.000	160
	24 Methyl tert-Butyl Ether	73	1.895	1.895	(0.500)	1955544	150.000	160
	25 tert-Butyl alcohol	59	1.935	1.935	(0.510)	612916	750.000	790
	26 Acetonitrile	41	2.043	2.043	(0.538)	1159540	1500.00	1500
	27 Isopropyl ether	45	2.112	2.112	(0.557)	3060518	150.000	160
	28 tert-Butyl ethyl ether	59	2.348	2.348	(0.619)	2433753	150.000	160
	29 2-Chloro-1,3-Butadiene	88	2.191	2.191	(0.577)	664232	150.000	160
	30 Acrylonitrile	53	2.230	2.230	(0.588)	660189	300.000	290
	31 1,1-Dichloroethane	63	2.210	2.210	(0.583)	1328691	150.000	160
	32 Vinyl Acetate	43	2.358	2.358	(0.621)	2207859	150.000	160
	33 cis-1,2-Dichloroethene	96	2.574	2.574	(0.678)	773741	150.000	170
	34 2,2-Dichloropropane	77	2.663	2.663	(0.702)	1050830	150.000	160
	35 Bromochloromethane	128	2.732	2.732	(0.720)	365571	150.000	160
	37 Cyclohexane	84	2.742	2.742	(0.723)	1092988	150.000	160
	38 Chloroform	83	2.791	2.791	(0.736)	1292086	150.000	160
	39 Ethyl Acetate	43	2.889	2.889	(0.761)	120711	300.000	310(M)
	40 Methyl Acrylate	55	2.899	2.899	(0.764)	772494	150.000	160
$	41 Dibromofluoromethane	111	2.948	2.948	(0.777)	727922	150.000	160
	42 Tetrahydrofuran	42	2.929	2.929	(0.772)	663053	300.000	320
	43 Carbon Tetrachloride	117	2.909	2.909	(0.767)	901586	150.000	170
	44 1,1,1-Trichloroethane	97	2.968	2.968	(0.782)	934285	150.000	160
	45 2-Butanone	43	3.056	3.056	(0.806)	604249	150.000	160
	46 1,1-Dichloropropene	75	3.086	3.086	(0.813)	1025629	150.000	160
	47 tert-Amyl methyl ether	73	3.450	3.450	(0.909)	2100896	150.000	160
	49 1-Chlorobutane	56	3.135	3.135	(0.826)	1591444	150.000	160
	51 Propionitrile	54	3.342	3.342	(0.881)	1262321	1500.00	1600
	52 Benzene	78	3.322	3.322	(0.876)	2847550	150.000	170
	53 2-Methyl-2-Propenenitrile	41	3.371	3.371	(0.889)	610552	150.000	160
	54 Isobutyl alcohol	42	3.598	3.598	(0.948)	348678	750.000	740
$	55 1,2-Dichloroethane-d4	65	3.470	3.470	(0.914)	818734	150.000	170
	56 1,2-Dichloroethane	62	3.548	3.548	(0.935)	910887	150.000	160
	59 Methyl Cyclohexane	83	4.001	4.001	(1.054)	1228518	150.000	160
	60 Trichloroethene	130	4.021	4.021	(1.060)	645092	150.000	170
	63 Dibromomethane	93	4.542	4.542	(1.197)	496154	150.000	160
	64 1,2-Dichloropropane	63	4.670	4.670	(1.231)	820624	150.000	160
	65 Bromodichloromethane	83	4.768	4.768	(1.257)	976209	150.000	160
	66 Methyl Methacrylate	69	4.995	4.995	(1.316)	618362	150.000	160
	67 1,4-Dioxane	58	5.014	5.014	(1.321)	79271	1500.00	1500
	69 2-Chloroethylvinylether	63	5.457	5.457	(1.438)	477998	150.000	160
	70 cis-1,3-Dichloropropene	75	5.497	5.497	(1.449)	1213039	150.000	160
	71 Chloroacetonitrile	48	5.920	5.920	(1.560)	408858	1500.00	1600
	72 2-Nitropropane	41	5.979	5.979	(1.576)	423983	300.000	320
	73 trans-1,3-Dichloropropene	75	6.195	6.195	(1.633)	1060212	150.000	160
	74 1,1,2-Trichloroethane	97	6.343	6.343	(1.672)	577637	150.000	160
*	75 Chlorobenzene-d5	117	7.208	7.208	(1.000)	135709	25.0000	
	76 Toluene	91	5.742	5.742	(0.797)	2654304	150.000	160
$	77 Toluene-d8	98	5.683	5.683	(0.788)	2282556	150.000	160
	78 1,1-Dichloro-2-propanone	43	5.988	5.988	(0.831)	2642369	750.000	810
	79 4-Methyl-2-Pentanone	43	6.156	6.156	(0.854)	1010009	150.000	160
	80 Tetrachloroethene	164	6.136	6.136	(0.851)	478832	150.000	170
	81 Ethyl Methacrylate	69	6.392	6.392	(0.887)	954545	150.000	170
	82 Dibromochloromethane	129	6.510	6.510	(0.903)	706300	150.000	160
	83 1,3-Dichloropropane	76	6.598	6.598	(0.915)	1132932	150.000	160
	84 1,2-Dibromoethane	107	6.707	6.707	(0.930)	663050	150.000	160

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.992	6.992	(0.970)	806367	150.000	160
87	1-Chlorohexane	91	7.258	7.258	(1.007)	1436829	150.000	190(M)
88	Chlorobenzene	112	7.218	7.218	(1.001)	1658465	150.000	160
89	1,1,1,2-Tetrachloroethane	131	7.297	7.297	(1.012)	590209	150.000	170
90	Ethylbenzene	106	7.268	7.268	(1.008)	862547	150.000	160
91	Xylene (total)mp	106	7.415	7.415	(1.029)	2165539	300.000	330
92	Xylene (total)o	106	7.799	7.799	(1.082)	1042000	150.000	160
93	Styrene	104	7.848	7.848	(1.089)	1766238	150.000	170
94	Bromoform	173	7.848	7.848	(1.089)	458253	150.000	170
* 95	1,4-Dichlorobenzene-d4	152	9.304	9.304	(1.000)	66608	25.0000	
96	Isopropylbenzene	105	8.094	8.094	(0.870)	2469524	150.000	160
97	Bromobenzene	156	8.399	8.399	(0.903)	649092	150.000	160
98	1,1,2,2-Tetrachloroethane	83	8.537	8.537	(0.918)	930849	150.000	150
99	4-Ethyltoluene	105	8.566	8.566	(0.921)	2612686	150.000	160
100	1,2,3-Trichloropropane	110	8.635	8.635	(0.928)	217573	150.000	160
101	trans-1,4-Dichloro-2-Butene	53	8.684	8.684	(0.933)	507690	300.000	330
102	n-Propylbenzene	91	8.458	8.458	(0.909)	3451362	150.000	160
103	2-Chlorotoluene	91	8.576	8.576	(0.922)	2223270	150.000	150
104	4-Chlorotoluene	91	8.724	8.724	(0.938)	2069865	150.000	160
105	1,3,5-Trimethylbenzene	105	8.645	8.645	(0.929)	2194073	150.000	160
106	tert-Butylbenzene	119	8.911	8.911	(0.958)	1808039	150.000	160
107	1,2,4-Trimethylbenzene	105	8.980	8.980	(0.965)	2198916	150.000	160
108	sec-Butylbenzene	105	9.068	9.068	(0.975)	2991088	150.000	160
109	4-Isopropyltoluene	119	9.206	9.206	(0.989)	2274951	150.000	160
110	1,3-Dichlorobenzene	146	9.235	9.235	(0.993)	1165458	150.000	160
111	1,4-Dichlorobenzene	146	9.324	9.324	(1.002)	1168540	150.000	160
112	1,2-Dichlorobenzene	146	9.678	9.678	(1.040)	1088359	150.000	160
113	Benzyl Chloride	126	9.540	9.540	(1.025)	267193	150.000	160
114	1,4-Diethylbenzene	119	9.521	9.521	(1.023)	1099466	150.000	160
115	n-Butylbenzene	91	9.570	9.570	(1.029)	2812389	150.000	160
118	1,2,4,5-Tetramethylbenzene	119	10.229	10.229	(1.099)	1851601	150.000	160
119	1,2-Dibromo-3-chloropropane	75	10.377	10.377	(1.115)	140456	150.000	170
120	Nitrobenzene	77	10.859	10.859	(1.167)	559665	1500.00	2100(A)
121	1,2,4-Trichlorobenzene	180	10.977	10.977	(1.180)	639783	150.000	170
122	Hexachlorobutadiene	225	10.967	10.967	(1.179)	339144	150.000	160
123	Naphthalene	128	11.252	11.252	(1.209)	1557970	150.000	190
124	1,2,3-Trichlorobenzene	180	11.420	11.420	(1.227)	571696	150.000	170
$ 125	Bromofluorobenzene	95	8.320	8.320	(0.894)	856547	150.000	150
M 126	1,2-Dichloroethene (total)	100				1436399	300.000	330
M 127	Xylene (total)	100				3207539	450.000	490

QC Flag Legend

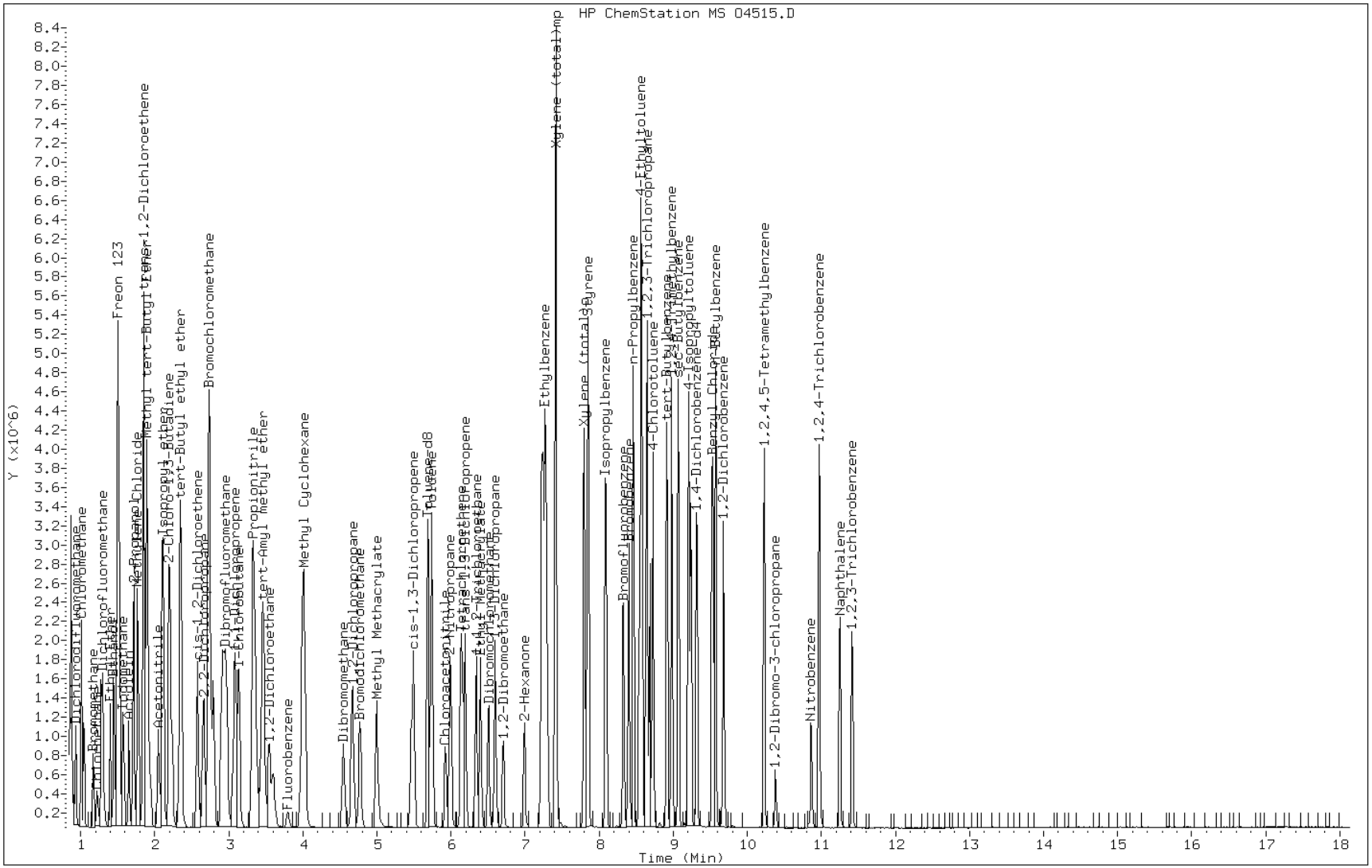
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: O4515.D

Date: 23-JUN-2011 14:57

Client ID: IC;150 Instrument: mso.i

Sample Info: IC;150 Operator: D. HUMBERT



Manual Integration Report

Data File: O4515.D
Inj. Date and Time: 23-JUN-2011 14:57
Instrument ID: mso.i
Client ID: IC;150
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

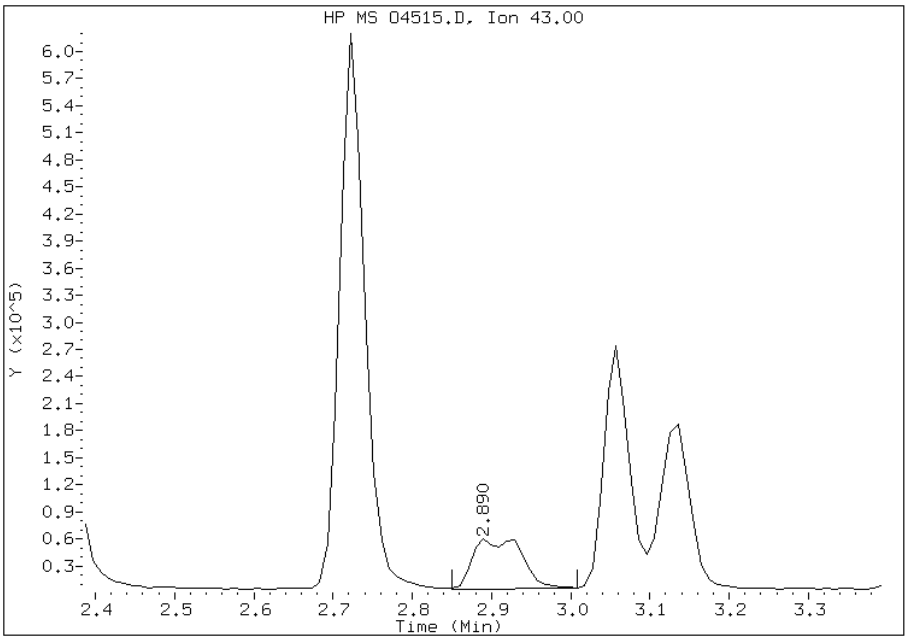
Processing Integration Results

RT: 2.89

Response: 240081

Amount: 482

Conc: 482



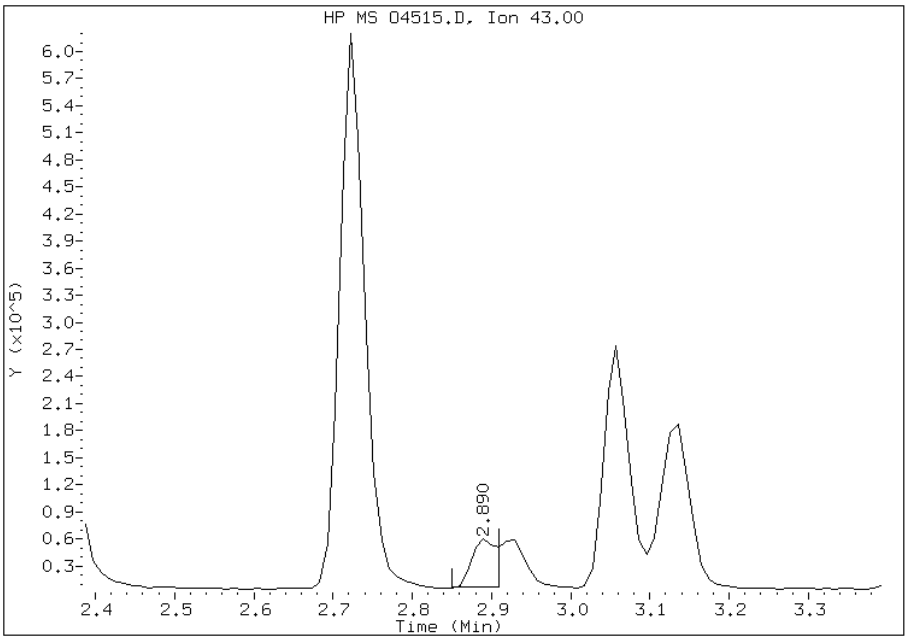
Manual Integration Results

RT: 2.89

Response: 120711

Amount: 307

Conc: 307



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4515.D
Inj. Date and Time: 23-JUN-2011 14:57
Instrument ID: mso.i
Client ID: IC;150
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

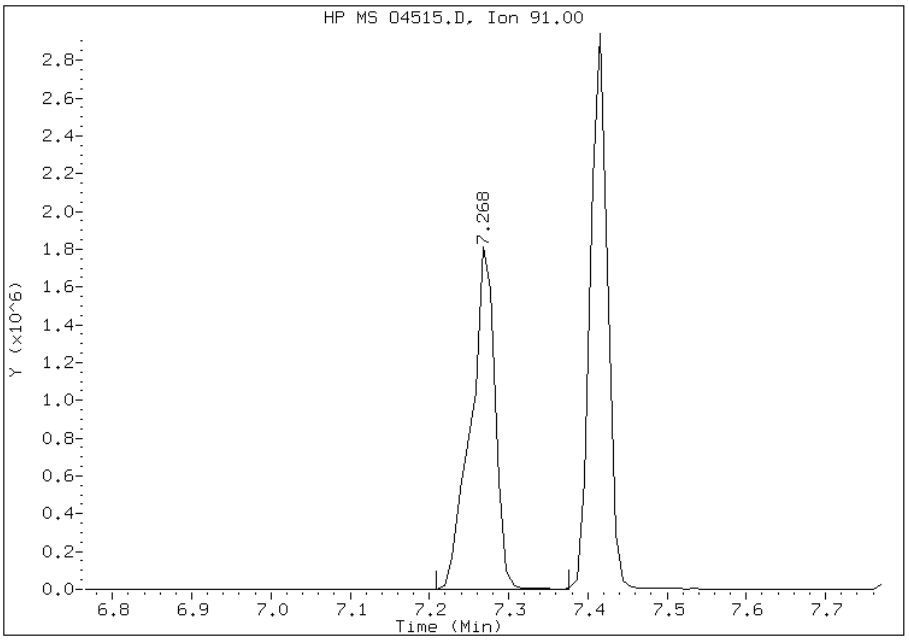
Processing Integration Results

RT: 7.27

Response: 3907230

Amount: 310

Conc: 310



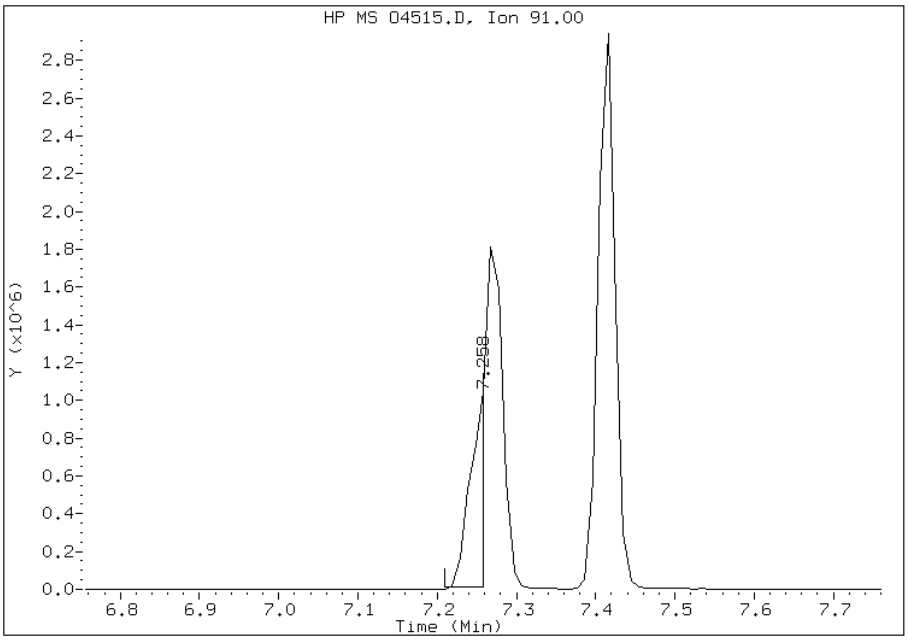
Manual Integration Results

RT: 7.26

Response: 1436829

Amount: 195

Conc: 195



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4516.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 23-JUN-2011 15:22 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;200
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 15:22 Cal File: O4516.D
Als bottle: 100 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.796	3.796	(1.000)	238878	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.246)	852053	200.000	180
3	Chloromethane	50	1.012	1.012	(0.267)	1530079	200.000	180
4	Vinyl Chloride	62	1.041	1.041	(0.274)	1260846	200.000	190
5	Bromomethane	94	1.169	1.169	(0.308)	444761	200.000	150
6	Chloroethane	64	1.218	1.218	(0.321)	294166	200.000	100
7	Trichlorofluoromethane	101	1.278	1.278	(0.337)	1084817	200.000	170
8	Dichlorofluoromethane	67	1.297	1.297	(0.342)	1485579	200.000	160
9	Ethyl Ether	45	1.396	1.396	(0.368)	602644	200.000	180
10	Ethanol	45	1.445	1.445	(0.381)	414167	2000.00	1500
12	Freon 123	67	1.494	1.494	(0.394)	261324	200.000	160
13	Trichlorotrifluoroethane	101	1.504	1.504	(0.396)	851469	200.000	180
14	1,1-Dichloroethene	96	1.494	1.494	(0.394)	696801	200.000	180
15	Carbon Disulfide	76	1.524	1.524	(0.401)	3385530	200.000	180
16	Iodomethane	142	1.573	1.573	(0.414)	1321704	200.000	200(A)
17	Acrolein	56	1.651	1.651	(0.435)	970899	1000.00	920
18	2-Propanol	45	1.710	1.710	(0.451)	239783	200.000	180
19	3-Chloro-1-Propene	41	1.710	1.710	(0.451)	1912737	200.000	180
20	Methylene Chloride	84	1.769	1.769	(0.466)	1009013	200.000	160
21	Acetone	43	1.789	1.789	(0.471)	604704	200.000	160
22	trans-1,2-Dichloroethene	96	1.848	1.848	(0.487)	866225	200.000	180

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.848	1.848	(0.487)	5335534	200.000	180
	24 Methyl tert-Butyl Ether	73	1.897	1.897	(0.500)	2601569	200.000	180
	25 tert-Butyl alcohol	59	1.947	1.947	(0.513)	815740	1000.00	880(M)
	26 Acetonitrile	41	2.045	2.045	(0.539)	1669425	2000.00	1800
	27 Isopropyl ether	45	2.104	2.104	(0.554)	4151482	200.000	180
	28 tert-Butyl ethyl ether	59	2.340	2.340	(0.616)	3294072	200.000	180
	29 2-Chloro-1,3-Butadiene	88	2.193	2.193	(0.578)	880845	200.000	180
	30 Acrylonitrile	53	2.232	2.232	(0.588)	1010010	400.000	370
	31 1,1-Dichloroethane	63	2.202	2.202	(0.580)	1793050	200.000	180
	32 Vinyl Acetate	43	2.350	2.350	(0.619)	3036653	200.000	180
	33 cis-1,2-Dichloroethene	96	2.576	2.576	(0.679)	999564	200.000	180
	34 2,2-Dichloropropane	77	2.655	2.655	(0.699)	1354569	200.000	170
	35 Bromochloromethane	128	2.734	2.734	(0.720)	477917	200.000	180
	37 Cyclohexane	84	2.744	2.744	(0.723)	1420536	200.000	180
	38 Chloroform	83	2.793	2.793	(0.736)	1650845	200.000	170
	39 Ethyl Acetate	43	2.891	2.891	(0.762)	144541	400.000	310
	40 Methyl Acrylate	55	2.891	2.891	(0.762)	1028028	200.000	180
$	41 Dibromofluoromethane	111	2.950	2.950	(0.777)	963589	200.000	180
	42 Tetrahydrofuran	42	2.921	2.921	(0.769)	882957	400.000	350
	43 Carbon Tetrachloride	117	2.911	2.911	(0.767)	1158273	200.000	180
	44 1,1,1-Trichloroethane	97	2.970	2.970	(0.782)	1211752	200.000	180
	45 2-Butanone	43	3.058	3.058	(0.806)	769171	200.000	170
	46 1,1-Dichloropropene	75	3.088	3.088	(0.813)	1323229	200.000	180
	47 tert-Amyl methyl ether	73	3.452	3.452	(0.909)	2714521	200.000	180
	49 1-Chlorobutane	56	3.127	3.127	(0.824)	2066246	200.000	180
	51 Propionitrile	54	3.344	3.344	(0.881)	1716878	2000.00	1900
	52 Benzene	78	3.324	3.324	(0.876)	3628905	200.000	180
	53 2-Methyl-2-Propenenitrile	41	3.373	3.373	(0.889)	802918	200.000	180
	54 Isobutyl alcohol	42	3.600	3.600	(0.948)	486114	1000.00	860
$	55 1,2-Dichloroethane-d4	65	3.472	3.472	(0.914)	1023182	200.000	170
	56 1,2-Dichloroethane	62	3.541	3.541	(0.933)	1187140	200.000	180
	59 Methyl Cyclohexane	83	3.993	3.993	(1.052)	1567864	200.000	170
	60 Trichloroethene	130	4.023	4.023	(1.060)	835963	200.000	180
	63 Dibromomethane	93	4.544	4.544	(1.197)	651085	200.000	180
	64 1,2-Dichloropropane	63	4.672	4.672	(1.231)	1059614	200.000	180
	65 Bromodichloromethane	83	4.770	4.770	(1.257)	1257387	200.000	170
	66 Methyl Methacrylate	69	4.997	4.997	(1.316)	812448	200.000	180
	67 1,4-Dioxane	58	5.026	5.026	(1.324)	111847	2000.00	1800
	69 2-Chloroethylvinylether	63	5.459	5.459	(1.438)	636841	200.000	180
	70 cis-1,3-Dichloropropene	75	5.489	5.489	(1.446)	1580003	200.000	180
	71 Chloroacetonitrile	48	5.922	5.922	(1.560)	557336	2000.00	1900
	72 2-Nitropropane	41	5.981	5.981	(1.575)	566493	400.000	360
	73 trans-1,3-Dichloropropene	75	6.187	6.187	(1.630)	1387197	200.000	180
	74 1,1,2-Trichloroethane	97	6.345	6.345	(1.671)	750632	200.000	180
*	75 Chlorobenzene-d5	117	7.210	7.210	(1.000)	159296	25.0000	
	76 Toluene	91	5.735	5.735	(0.795)	3370489	200.000	180
$	77 Toluene-d8	98	5.685	5.685	(0.789)	3014780	200.000	180
	78 1,1-Dichloro-2-propanone	43	5.990	5.990	(0.831)	3606149	1000.00	940
	79 4-Methyl-2-Pentanone	43	6.158	6.158	(0.854)	1326208	200.000	180
	80 Tetrachloroethene	164	6.128	6.128	(0.850)	627044	200.000	180
	81 Ethyl Methacrylate	69	6.394	6.394	(0.887)	1240919	200.000	190
	82 Dibromochloromethane	129	6.502	6.502	(0.902)	921780	200.000	180
	83 1,3-Dichloropropane	76	6.600	6.600	(0.915)	1464059	200.000	180
	84 1,2-Dibromoethane	107	6.699	6.699	(0.929)	866227	200.000	180

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
86	2-Hexanone	43	6.994	6.994	(0.970)	1024063	200.000	180
87	1-Chlorohexane	91	7.250	7.250	(1.005)	1263378	200.000	150(M)
88	Chlorobenzene	112	7.220	7.220	(1.001)	2113216	200.000	180
89	1,1,1,2-Tetrachloroethane	131	7.299	7.299	(1.012)	756212	200.000	180
90	Ethylbenzene	106	7.269	7.269	(1.008)	1093943	200.000	180
91	Xylene (total)mp	106	7.417	7.417	(1.029)	2800077	400.000	360
92	Xylene (total)o	106	7.801	7.801	(1.082)	1368217	200.000	180
93	Styrene	104	7.850	7.850	(1.089)	2272545	200.000	180
94	Bromoform	173	7.850	7.850	(1.089)	614866	200.000	190
* 95	1,4-Dichlorobenzene-d4	152	9.306	9.306	(1.000)	74978	25.0000	
96	Isopropylbenzene	105	8.086	8.086	(0.869)	3250331	200.000	180
97	Bromobenzene	156	8.401	8.401	(0.903)	852261	200.000	180
98	1,1,2,2-Tetrachloroethane	83	8.539	8.539	(0.918)	1236472	200.000	180
99	4-Ethyltoluene	105	8.558	8.558	(0.920)	3359015	200.000	180
100	1,2,3-Trichloropropane	110	8.627	8.627	(0.927)	288487	200.000	190
101	trans-1,4-Dichloro-2-Butene	53	8.686	8.686	(0.933)	656804	400.000	380
102	n-Propylbenzene	91	8.460	8.460	(0.909)	4524462	200.000	180
103	2-Chlorotoluene	91	8.578	8.578	(0.922)	2847888	200.000	180
104	4-Chlorotoluene	91	8.726	8.726	(0.938)	2668042	200.000	180
105	1,3,5-Trimethylbenzene	105	8.647	8.647	(0.929)	2808651	200.000	180
106	tert-Butylbenzene	119	8.913	8.913	(0.958)	2318364	200.000	180
107	1,2,4-Trimethylbenzene	105	8.981	8.981	(0.965)	2763241	200.000	180
108	sec-Butylbenzene	105	9.070	9.070	(0.975)	3771729	200.000	180
109	4-Isopropyltoluene	119	9.208	9.208	(0.989)	2824630	200.000	180
110	1,3-Dichlorobenzene	146	9.237	9.237	(0.993)	1461742	200.000	180
111	1,4-Dichlorobenzene	146	9.316	9.316	(1.001)	1480771	200.000	180
112	1,2-Dichlorobenzene	146	9.680	9.680	(1.040)	1378539	200.000	180
113	Benzyl Chloride	126	9.542	9.542	(1.025)	333121	200.000	180
114	1,4-Diethylbenzene	119	9.523	9.523	(1.023)	1353568	200.000	170
115	n-Butylbenzene	91	9.572	9.572	(1.029)	3358182	200.000	170
118	1,2,4,5-Tetramethylbenzene	119	10.231	10.231	(1.099)	2234194	200.000	170
119	1,2-Dibromo-3-chloropropane	75	10.379	10.379	(1.115)	179875	200.000	190
120	Nitrobenzene	77	10.861	10.861	(1.167)	733100	2000.00	2400(A)
121	1,2,4-Trichlorobenzene	180	10.979	10.979	(1.180)	765072	200.000	180
122	Hexachlorobutadiene	225	10.969	10.969	(1.179)	400024	200.000	160
123	Naphthalene	128	11.244	11.244	(1.208)	1886155	200.000	200(A)
124	1,2,3-Trichlorobenzene	180	11.412	11.412	(1.226)	693416	200.000	190
$ 125	Bromofluorobenzene	95	8.322	8.322	(0.894)	1134347	200.000	180
M 126	1,2-Dichloroethene (total)	100				1865789	400.000	360
M 127	Xylene (total)	100				4168294	600.000	540

QC Flag Legend

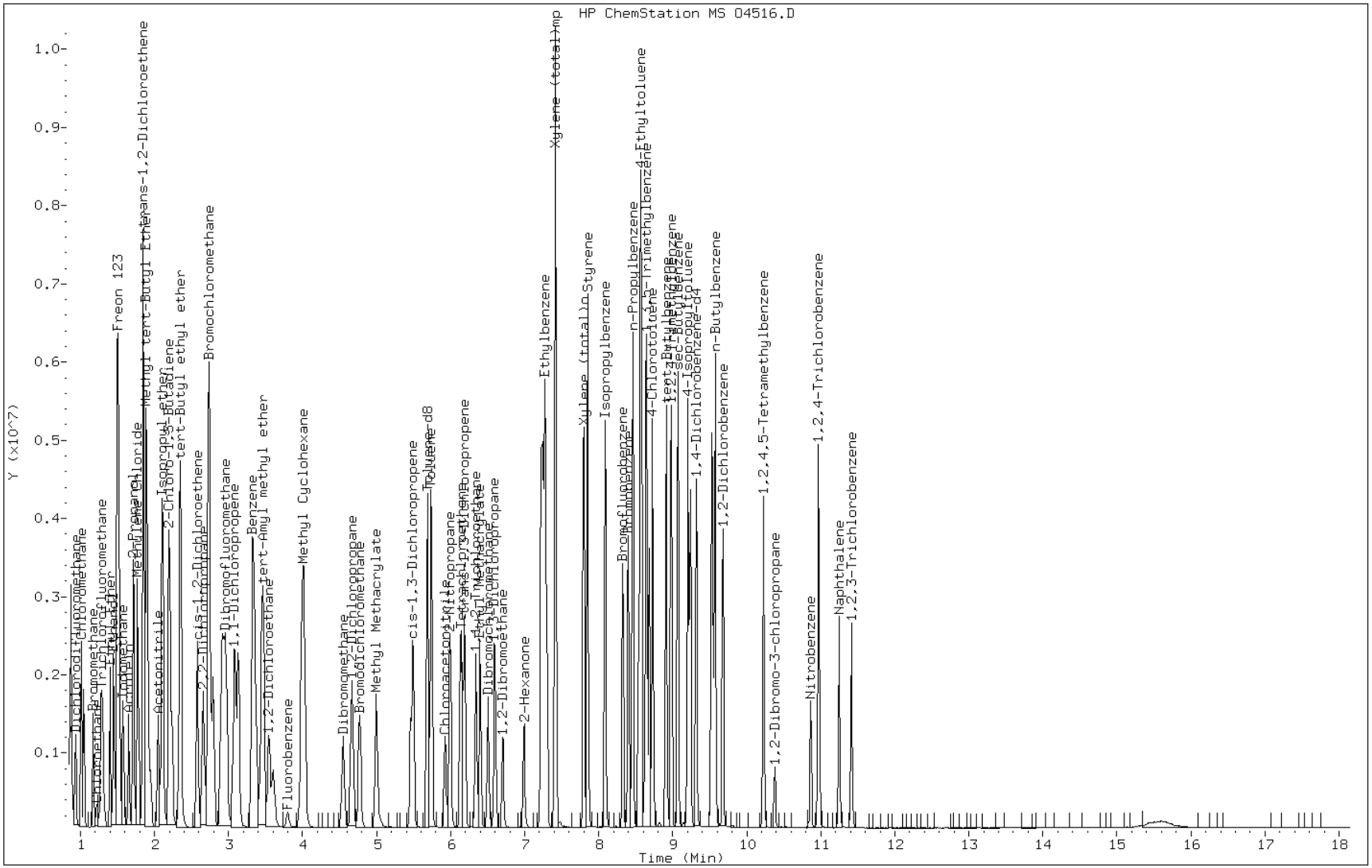
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: O4516.D

Date: 23-JUN-2011 15:22

Client ID: IC;200 Instrument: mso.i

Sample Info: IC;200 Operator: D. HUMBERT



Manual Integration Report

Data File: O4516.D
Inj. Date and Time: 23-JUN-2011 15:22
Instrument ID: mso.i
Client ID: IC;200
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

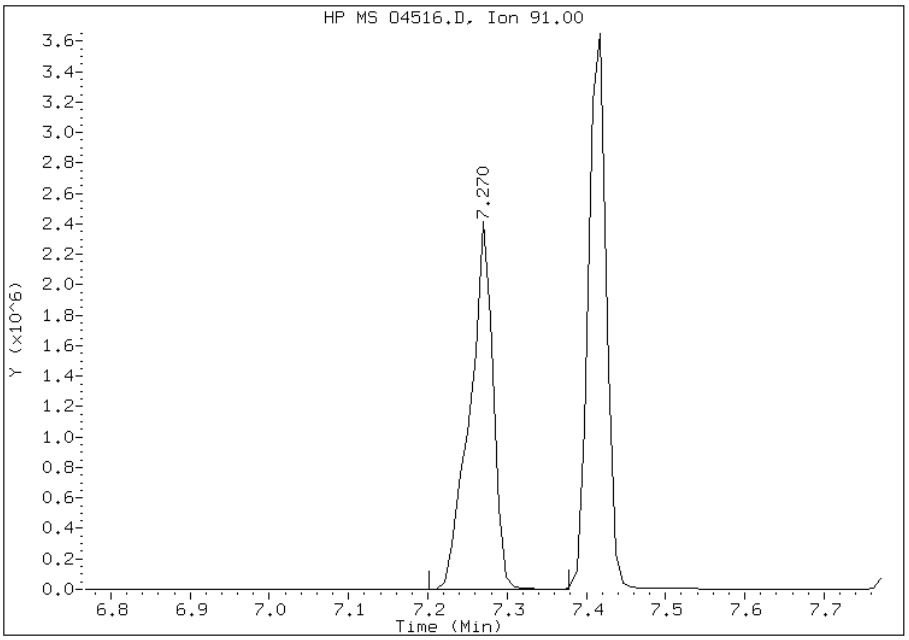
Processing Integration Results

RT: 7.27

Response: 5040025

Amount: 435

Conc: 435



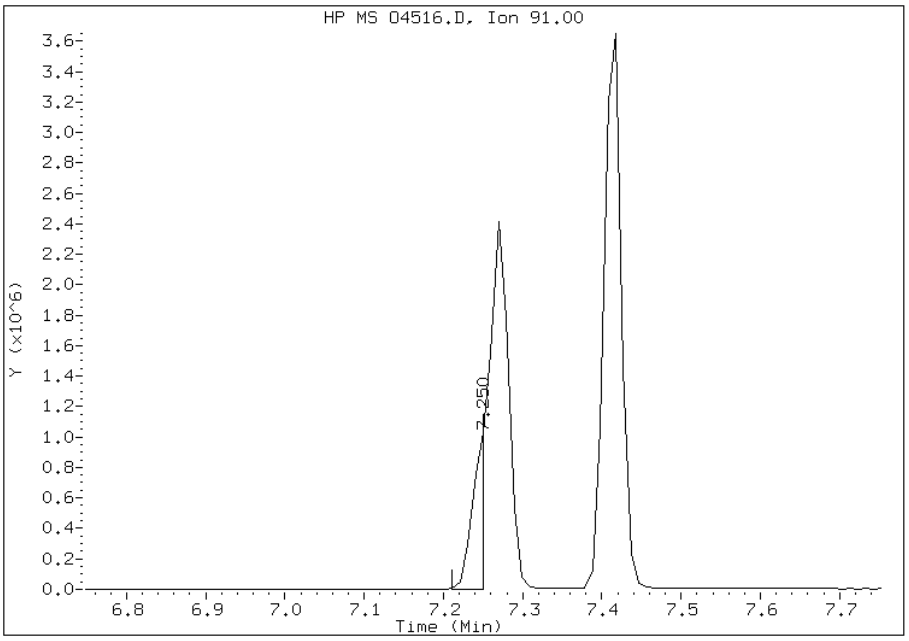
Manual Integration Results

RT: 7.25

Response: 1263378

Amount: 146

Conc: 146



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4516.D
Inj. Date and Time: 23-JUN-2011 15:22
Instrument ID: mso.i
Client ID: IC;200
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 06/23/2011

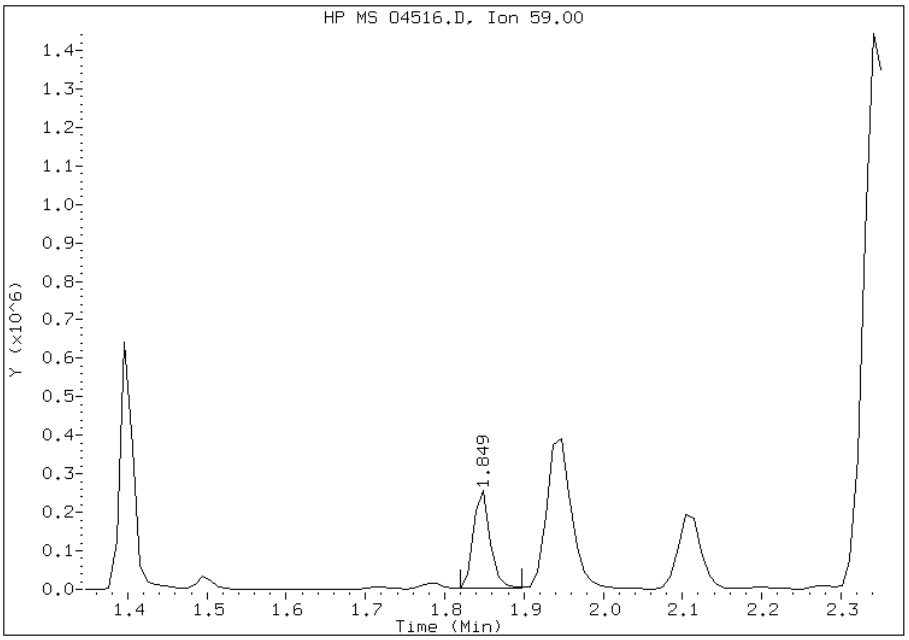
Processing Integration Results

RT: 1.85

Response: 384849

Amount: 452

Conc: 452



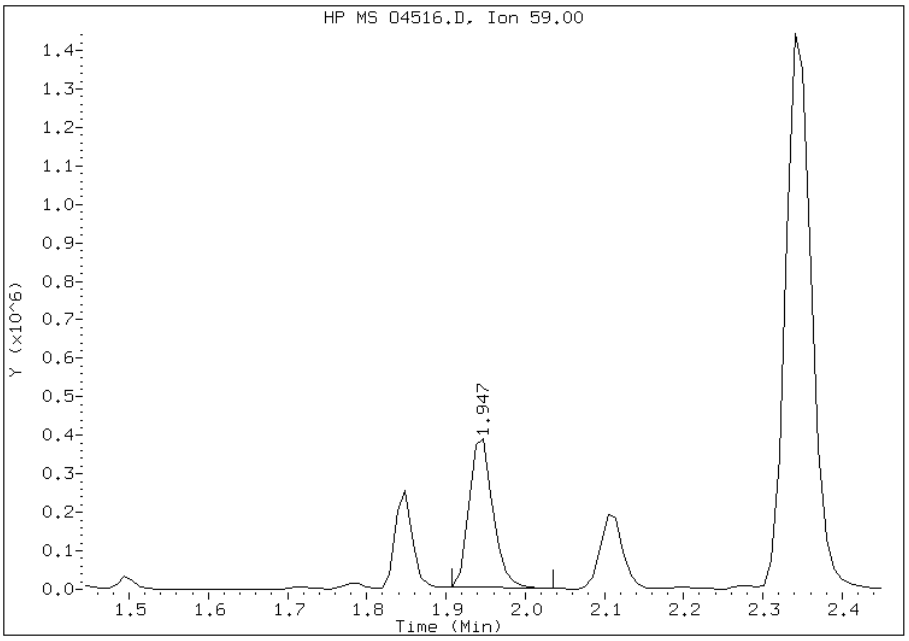
Manual Integration Results

RT: 1.95

Response: 815740

Amount: 879

Conc: 879



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O4519.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 23-JUN-2011 17:14 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;5
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\O8260BNS.m
Meth Date : 23-Jun-2011 17:50 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 100 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.801	3.801	(1.000)	211868	25.0000	
2	Dichlorodifluoromethane	85	0.928	0.928	(0.244)	21537	5.00000	5
3	Chloromethane	50	1.007	1.007	(0.265)	39573	5.00000	5
4	Vinyl Chloride	62	1.047	1.047	(0.275)	29425	5.00000	5
5	Bromomethane	94	1.174	1.174	(0.309)	23882	5.00000	9
6	Chloroethane	64	1.224	1.224	(0.322)	17441	5.00000	7
7	Trichlorofluoromethane	101	1.283	1.283	(0.337)	30853	5.00000	6
8	Dichlorofluoromethane	67	1.302	1.302	(0.343)	45592	5.00000	6(M)
9	Ethyl Ether	45	1.401	1.401	(0.369)	17138	5.00000	6
10	Ethanol	45	1.450	1.450	(0.381)	13062	50.0000	55(M)
12	Freon 123	67	1.499	1.499	(0.394)	9224	5.00000	6
13	Trichlorotrifluoroethane	101	1.509	1.509	(0.397)	20875	5.00000	5
14	1,1-Dichloroethene	96	1.499	1.499	(0.394)	19047	5.00000	5
15	Carbon Disulfide	76	1.529	1.529	(0.402)	87216	5.00000	5
16	Iodomethane	142	1.578	1.578	(0.415)	23698	5.00000	4
17	Acrolein	56	1.657	1.657	(0.436)	25967	25.0000	28(M)
18	2-Propanol	45	1.706	1.706	(0.449)	5952	5.00000	5(M)
19	3-Chloro-1-Propene	41	1.716	1.716	(0.451)	53161	5.00000	6
20	Methylene Chloride	84	1.775	1.775	(0.467)	47616	5.00000	9
21	Acetone	43	1.794	1.794	(0.472)	23918	5.00000	7
22	trans-1,2-Dichloroethene	96	1.853	1.853	(0.488)	23113	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	23 Methyl Acetate	43	1.843	1.843	(0.485)	144503	5.00000	5
	24 Methyl tert-Butyl Ether	73	1.903	1.903	(0.501)	70464	5.00000	5
	25 tert-Butyl alcohol	59	1.942	1.942	(0.511)	20607	25.0000	25
	26 Acetonitrile	41	2.050	2.050	(0.539)	45138	50.0000	56
	27 Isopropyl ether	45	2.109	2.109	(0.555)	121850	5.00000	6
	28 tert-Butyl ethyl ether	59	2.345	2.345	(0.617)	90029	5.00000	6
	29 2-Chloro-1,3-Butadiene	88	2.198	2.198	(0.578)	23887	5.00000	5
	30 Acrylonitrile	53	2.237	2.237	(0.589)	25755	10.0000	11
	31 1,1-Dichloroethane	63	2.208	2.208	(0.581)	46751	5.00000	5
	32 Vinyl Acetate	43	2.365	2.365	(0.622)	79384	5.00000	5
	33 cis-1,2-Dichloroethene	96	2.581	2.581	(0.679)	25991	5.00000	5
	34 2,2-Dichloropropane	77	2.660	2.660	(0.700)	43481	5.00000	6
	35 Bromochloromethane	128	2.739	2.739	(0.721)	12915	5.00000	5
	37 Cyclohexane	84	2.739	2.739	(0.721)	41311	5.00000	6
	38 Chloroform	83	2.798	2.798	(0.736)	48558	5.00000	6
	39 Ethyl Acetate	43	2.906	2.906	(0.765)	4763	10.0000	11(M)
	40 Methyl Acrylate	55	2.906	2.906	(0.765)	25303	5.00000	5
$	41 Dibromofluoromethane	111	2.955	2.955	(0.777)	25529	5.00000	5
	42 Tetrahydrofuran	42	2.936	2.936	(0.772)	24740	10.0000	11(M)
	43 Carbon Tetrachloride	117	2.916	2.916	(0.767)	29778	5.00000	5
	44 1,1,1-Trichloroethane	97	2.975	2.975	(0.783)	33910	5.00000	6
	45 2-Butanone	43	3.064	3.064	(0.806)	20955	5.00000	5
	46 1,1-Dichloropropene	75	3.093	3.093	(0.814)	37189	5.00000	6
	47 tert-Amyl methyl ether	73	3.457	3.457	(0.909)	74172	5.00000	5
	49 1-Chlorobutane	56	3.132	3.132	(0.824)	57149	5.00000	6(M)
	51 Propionitrile	54	3.349	3.349	(0.881)	40796	50.0000	50
	52 Benzene	78	3.329	3.329	(0.876)	98943	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	3.378	3.378	(0.889)	23299	5.00000	6
	54 Isobutyl alcohol	42	3.614	3.614	(0.951)	19898	25.0000	40
$	55 1,2-Dichloroethane-d4	65	3.477	3.477	(0.915)	27431	5.00000	5
	56 1,2-Dichloroethane	62	3.546	3.546	(0.933)	30468	5.00000	5
	59 Methyl Cyclohexane	83	3.998	3.998	(1.052)	46037	5.00000	6
	60 Trichloroethene	130	4.028	4.028	(1.060)	21764	5.00000	5
	63 Dibromomethane	93	4.549	4.549	(1.197)	17009	5.00000	5
	64 1,2-Dichloropropane	63	4.667	4.667	(1.228)	28434	5.00000	5(T)
	65 Bromodichloromethane	83	4.775	4.775	(1.256)	36071	5.00000	6
	66 Methyl Methacrylate	69	5.002	5.002	(1.316)	21678	5.00000	5(M)
	69 2-Chloroethylvinylether	63	5.464	5.464	(1.437)	15679	5.00000	5
	70 cis-1,3-Dichloropropene	75	5.494	5.494	(1.445)	42113	5.00000	5
	71 Chloroacetonitrile	48	5.927	5.927	(1.559)	15271	50.0000	58
	72 2-Nitropropane	41	5.976	5.976	(1.572)	15348	10.0000	11(M)
	73 trans-1,3-Dichloropropene	75	6.192	6.192	(1.629)	37129	5.00000	5
	74 1,1,2-Trichloroethane	97	6.340	6.340	(1.668)	20518	5.00000	5
*	75 Chlorobenzene-d5	117	7.206	7.206	(1.000)	138072	25.0000	
	76 Toluene	91	5.740	5.740	(0.797)	94250	5.00000	6
$	77 Toluene-d8	98	5.691	5.691	(0.790)	81153	5.00000	6
	78 1,1-Dichloro-2-propanone	43	5.996	5.996	(0.832)	94991	25.0000	29(M)
	79 4-Methyl-2-Pentanone	43	6.173	6.173	(0.857)	40686	5.00000	6
	80 Tetrachloroethene	164	6.133	6.133	(0.851)	16139	5.00000	6
	81 Ethyl Methacrylate	69	6.399	6.399	(0.888)	28514	5.00000	5(M)
	82 Dibromochloromethane	129	6.507	6.507	(0.903)	23771	5.00000	5(T)
	83 1,3-Dichloropropane	76	6.596	6.596	(0.915)	39668	5.00000	6
	84 1,2-Dibromoethane	107	6.704	6.704	(0.930)	23000	5.00000	6
	86 2-Hexanone	43	6.999	6.999	(0.971)	23347	5.00000	5(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
87	1-Chlorohexane	91	7.255	7.255	(1.007)	47038	5.00000	6(M)
88	Chlorobenzene	112	7.225	7.225	(1.003)	58431	5.00000	6
89	1,1,1,2-Tetrachloroethane	131	7.294	7.294	(1.012)	19772	5.00000	6
90	Ethylbenzene	106	7.275	7.275	(1.010)	30158	5.00000	6
91	Xylene (total)mp	106	7.412	7.412	(1.029)	76387	10.0000	11
92	Xylene (total)o	106	7.796	7.796	(1.082)	36853	5.00000	6
93	Styrene	104	7.855	7.855	(1.090)	59878	5.00000	6
94	Bromoform	173	7.855	7.855	(1.090)	14144	5.00000	5
* 95	1,4-Dichlorobenzene-d4	152	9.311	9.311	(1.000)	63542	25.0000	
96	Isopropylbenzene	105	8.091	8.091	(0.869)	87482	5.00000	6
97	Bromobenzene	156	8.406	8.406	(0.903)	22712	5.00000	6
98	1,1,2,2-Tetrachloroethane	83	8.534	8.534	(0.917)	33640	5.00000	6
99	4-Ethyltoluene	105	8.564	8.564	(0.920)	89954	5.00000	6
100	1,2,3-Trichloropropane	110	8.632	8.632	(0.927)	7018	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	8.682	8.682	(0.932)	15071	10.0000	10
102	n-Propylbenzene	91	8.455	8.455	(0.908)	121208	5.00000	6
103	2-Chlorotoluene	91	8.573	8.573	(0.921)	82793	5.00000	6
104	4-Chlorotoluene	91	8.731	8.731	(0.938)	71904	5.00000	6
105	1,3,5-Trimethylbenzene	105	8.642	8.642	(0.928)	76870	5.00000	6
106	tert-Butylbenzene	119	8.908	8.908	(0.957)	61939	5.00000	6
107	1,2,4-Trimethylbenzene	105	8.977	8.977	(0.964)	76793	5.00000	6
108	sec-Butylbenzene	105	9.065	9.065	(0.974)	106495	5.00000	6
109	4-Isopropyltoluene	119	9.203	9.203	(0.988)	78933	5.00000	6
110	1,3-Dichlorobenzene	146	9.242	9.242	(0.993)	41099	5.00000	6
111	1,4-Dichlorobenzene	146	9.321	9.321	(1.001)	39793	5.00000	6
112	1,2-Dichlorobenzene	146	9.675	9.675	(1.039)	37754	5.00000	6
113	Benzyl Chloride	126	9.547	9.547	(1.025)	8404	5.00000	5
114	1,4-Diethylbenzene	119	9.528	9.528	(1.023)	38092	5.00000	6
115	n-Butylbenzene	91	9.567	9.567	(1.027)	89448	5.00000	5
118	1,2,4,5-Tetramethylbenzene	119	10.226	10.226	(1.098)	61651	5.00000	6
119	1,2-Dibromo-3-chloropropane	75	10.374	10.374	(1.114)	3454	5.00000	4
120	Nitrobenzene	77	10.866	10.866	(1.167)	6917	50.0000	27
121	1,2,4-Trichlorobenzene	180	10.974	10.974	(1.179)	17370	5.00000	5
122	Hexachlorobutadiene	225	10.964	10.964	(1.178)	12424	5.00000	6
123	Naphthalene	128	11.250	11.250	(1.208)	30771	5.00000	4
124	1,2,3-Trichlorobenzene	180	11.417	11.417	(1.226)	16200	5.00000	5
$ 125	Bromofluorobenzene	95	8.327	8.327	(0.894)	31166	5.00000	6
M 126	1,2-Dichloroethene (total)	100				49104	10.0000	11
M 127	Xylene (total)	100				113240	15.0000	17

QC Flag Legend

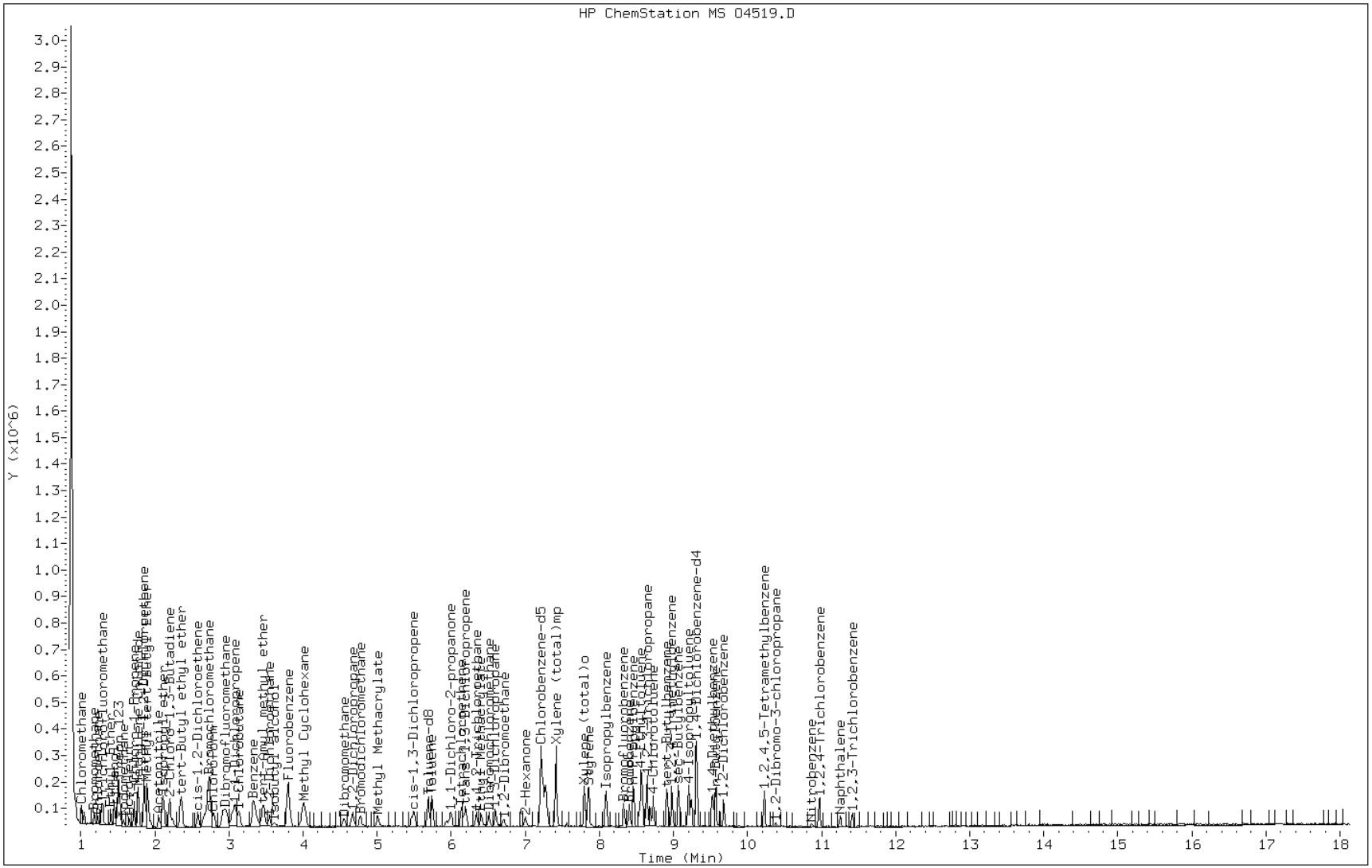
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: O4519.D

Date: 23-JUN-2011 17:14

Client ID: IC;5 Instrument: mso.i

Sample Info: IC;5 Operator: D. HUMBERT



Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 81 Ethyl Methacrylate
CAS #: 97-63-2
Report Date: 06/23/2011

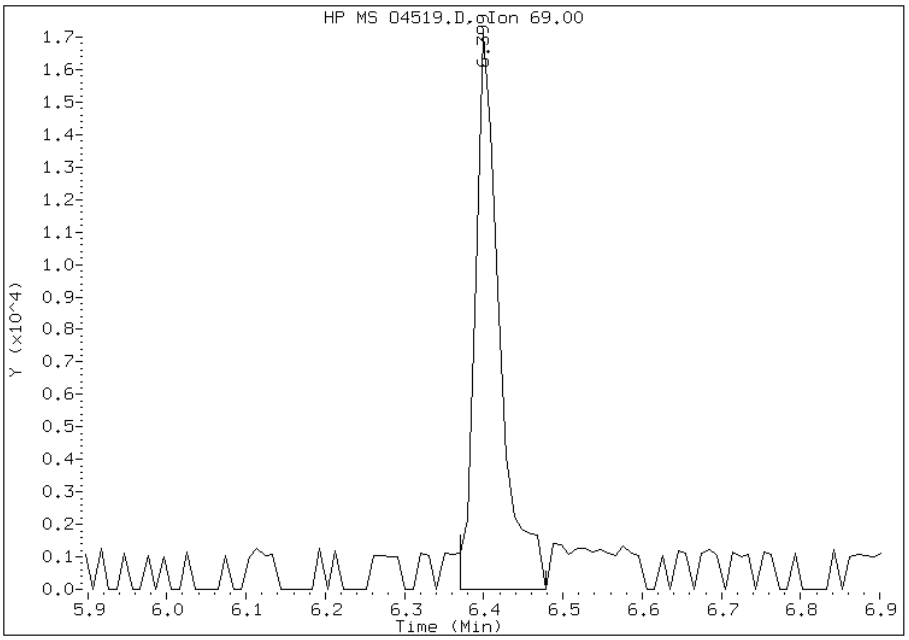
Processing Integration Results

RT: 6.40

Response: 37842

Amount: 6

Conc: 6



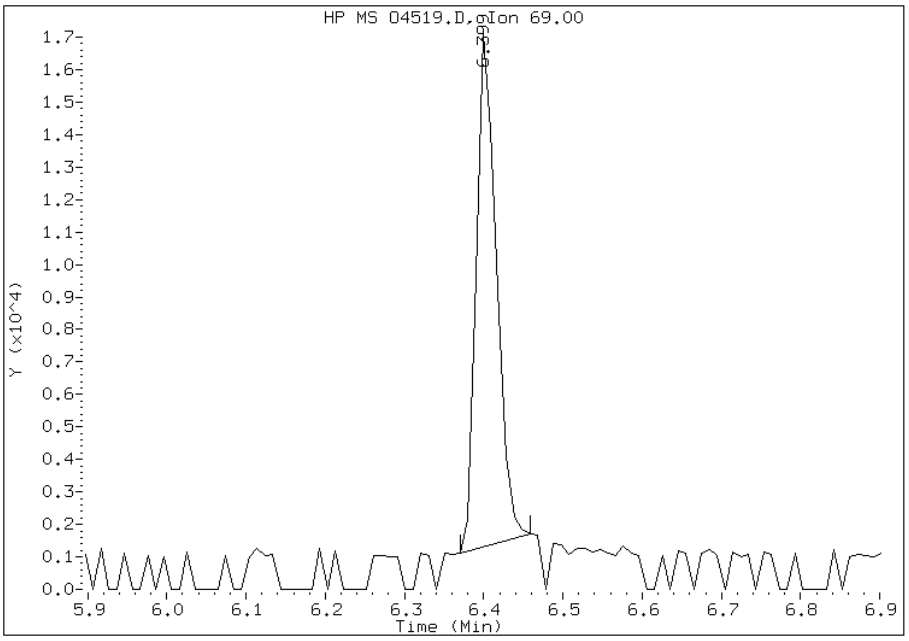
Manual Integration Results

RT: 6.40

Response: 28514

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

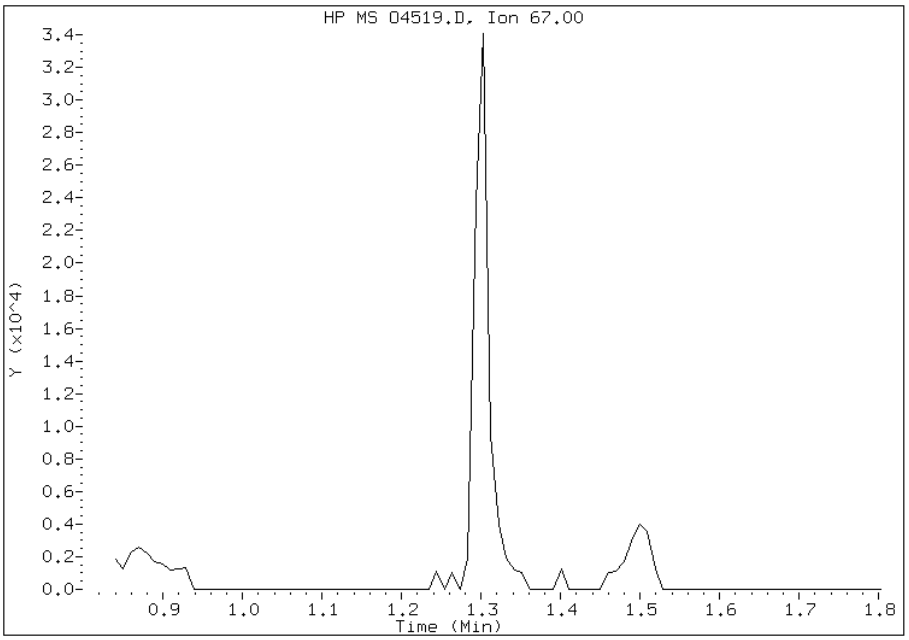
Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 06/23/2011

Processing Integration Results

Not Detected

Expected RT: 1.30



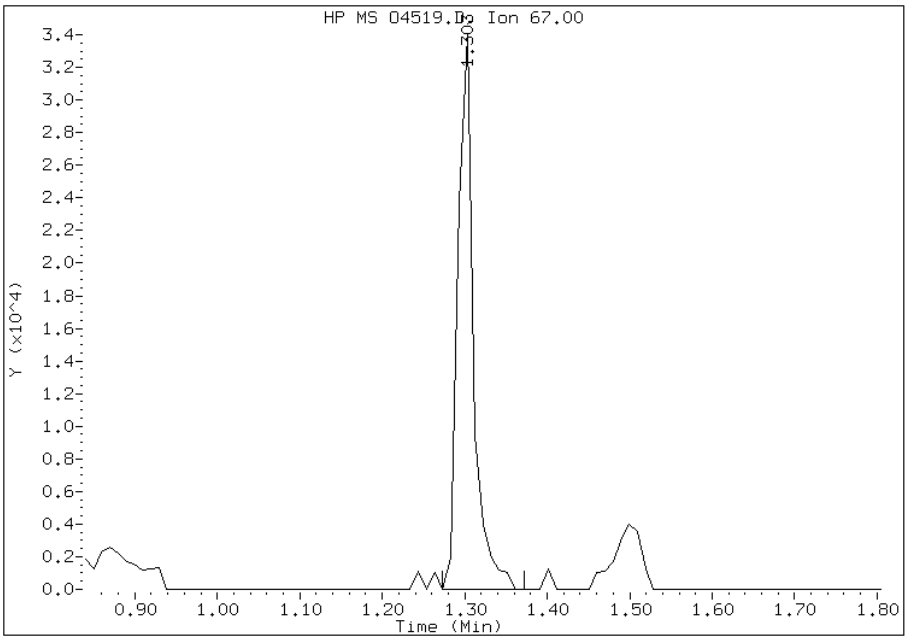
Manual Integration Results

RT: 1.30

Response: 45592

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 06/23/2011

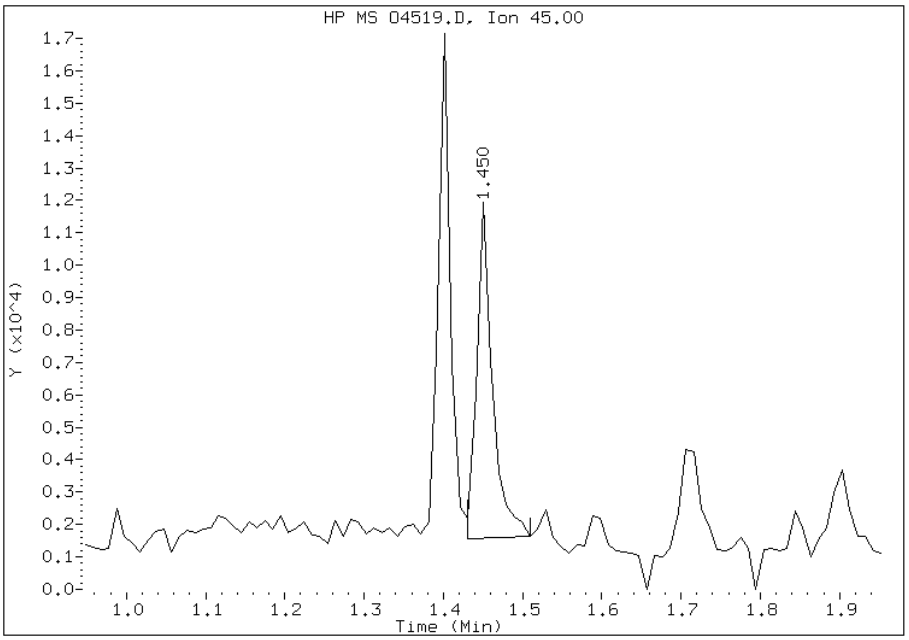
Processing Integration Results

RT: 1.45

Response: 14759

Amount: 61

Conc: 61



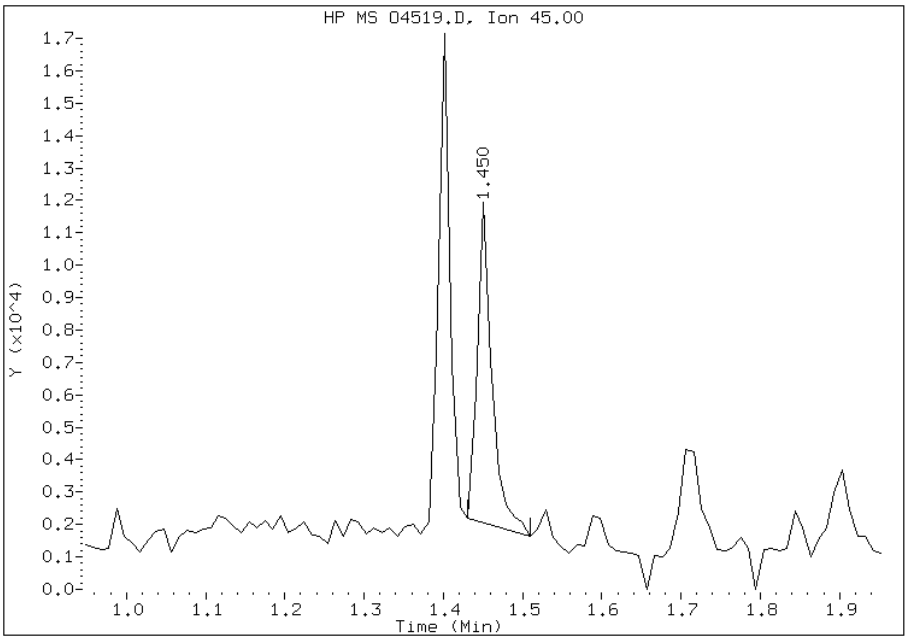
Manual Integration Results

RT: 1.45

Response: 13062

Amount: 55

Conc: 55



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 17 Acrolein
CAS #: 107-02-8
Report Date: 06/23/2011

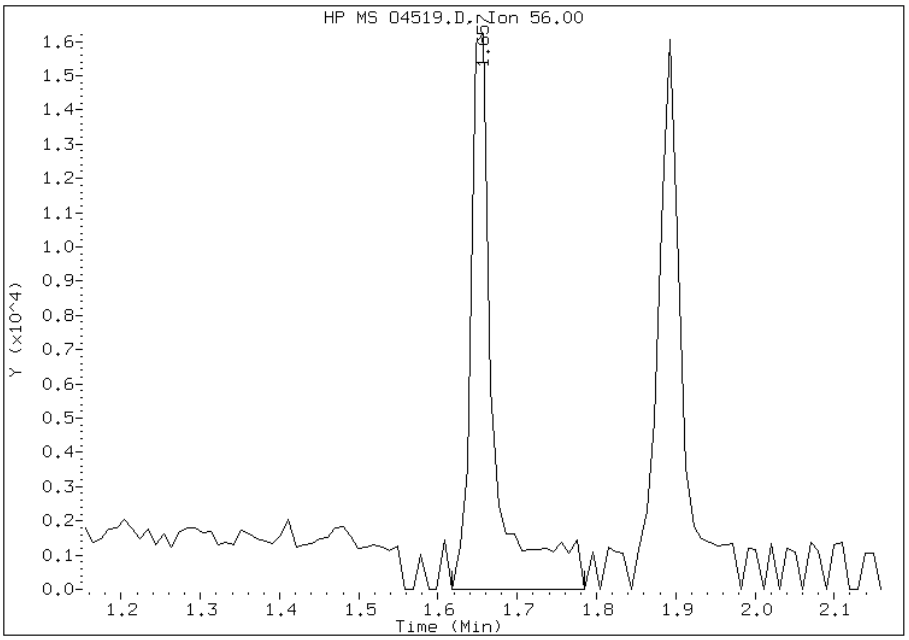
Processing Integration Results

RT: 1.66

Response: 34320

Amount: 35

Conc: 35



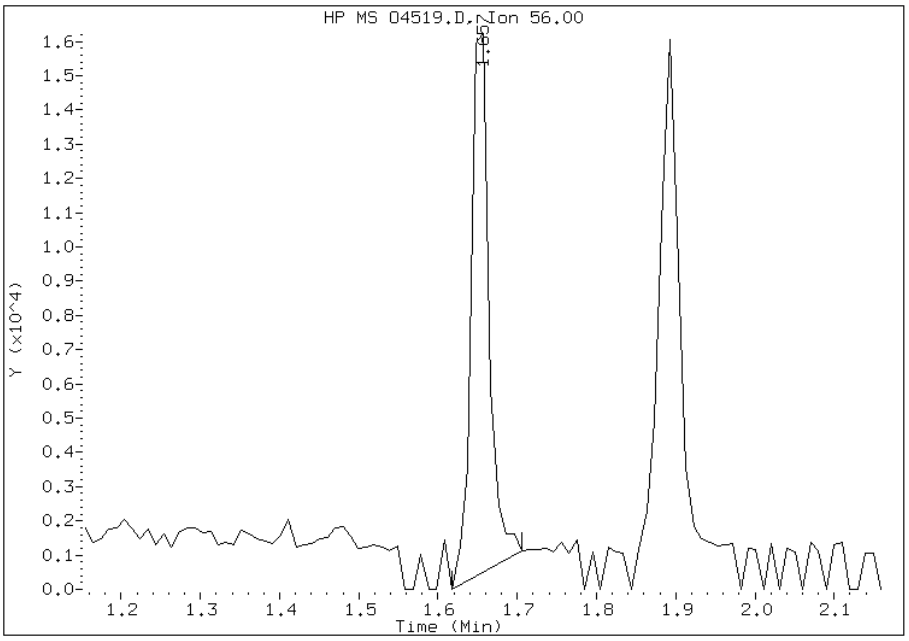
Manual Integration Results

RT: 1.66

Response: 25967

Amount: 28

Conc: 28



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 06/23/2011

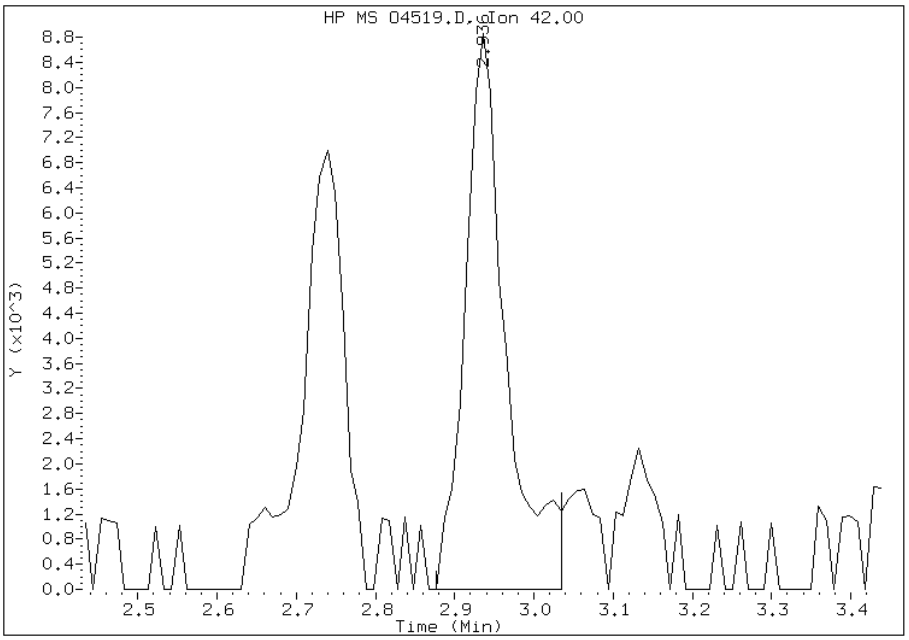
Processing Integration Results

RT: 2.94

Response: 32276

Amount: 14

Conc: 14



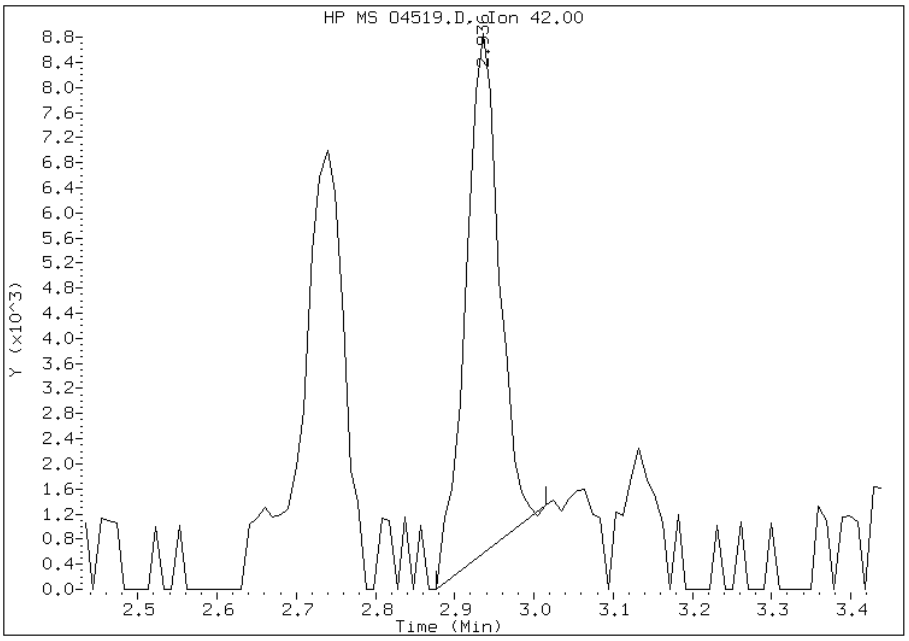
Manual Integration Results

RT: 2.94

Response: 24740

Amount: 11

Conc: 11



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 49 1-Chlorobutane
CAS #: 109-69-3
Report Date: 06/23/2011

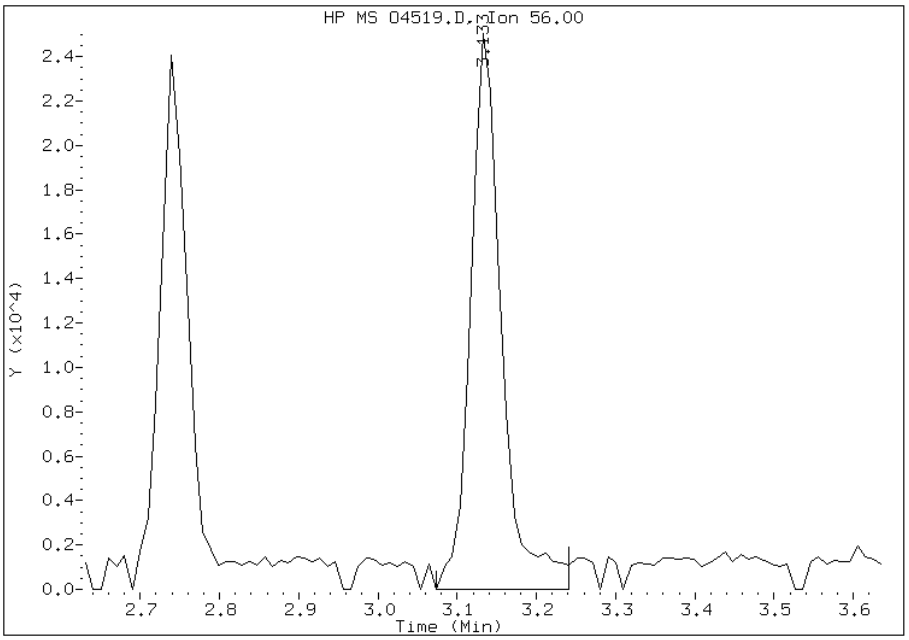
Processing Integration Results

RT: 3.13

Response: 69871

Amount: 7

Conc: 7



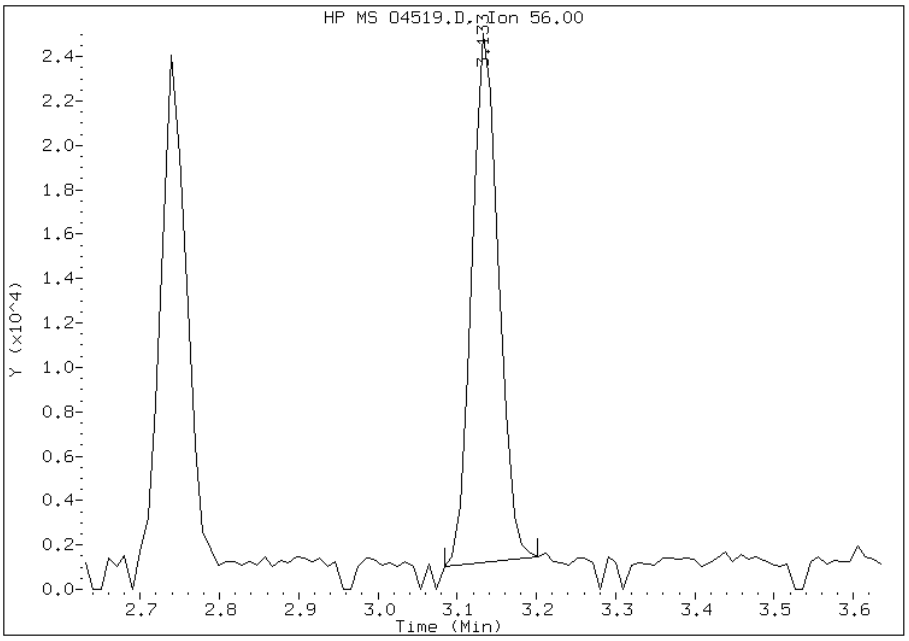
Manual Integration Results

RT: 3.13

Response: 57149

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 06/23/2011

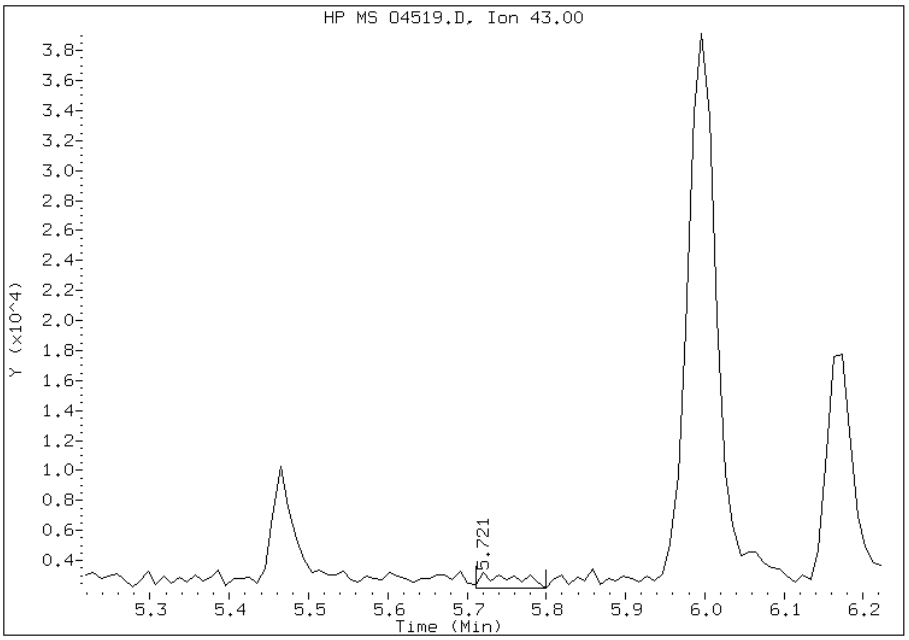
Processing Integration Results

RT: 5.72

Response: 3606

Amount: 1

Conc: 1



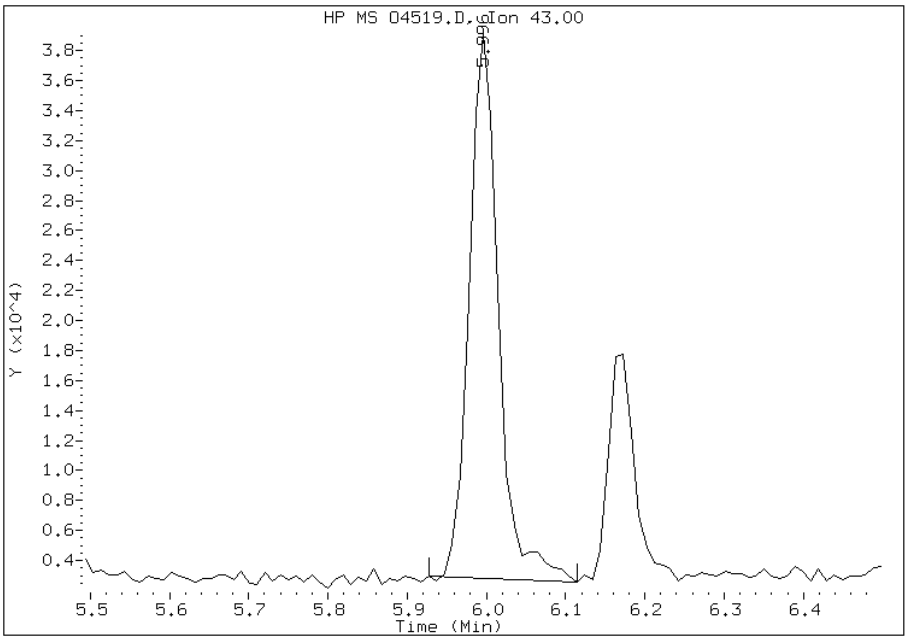
Manual Integration Results

RT: 6.00

Response: 94991

Amount: 29

Conc: 29



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 06/23/2011

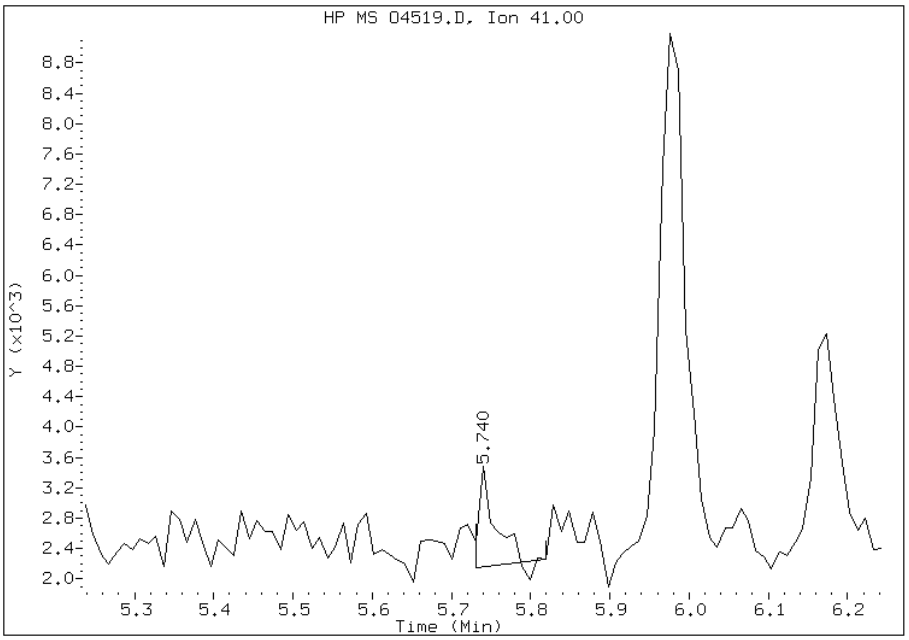
Processing Integration Results

RT: 5.74

Response: 1866

Amount: 2

Conc: 2



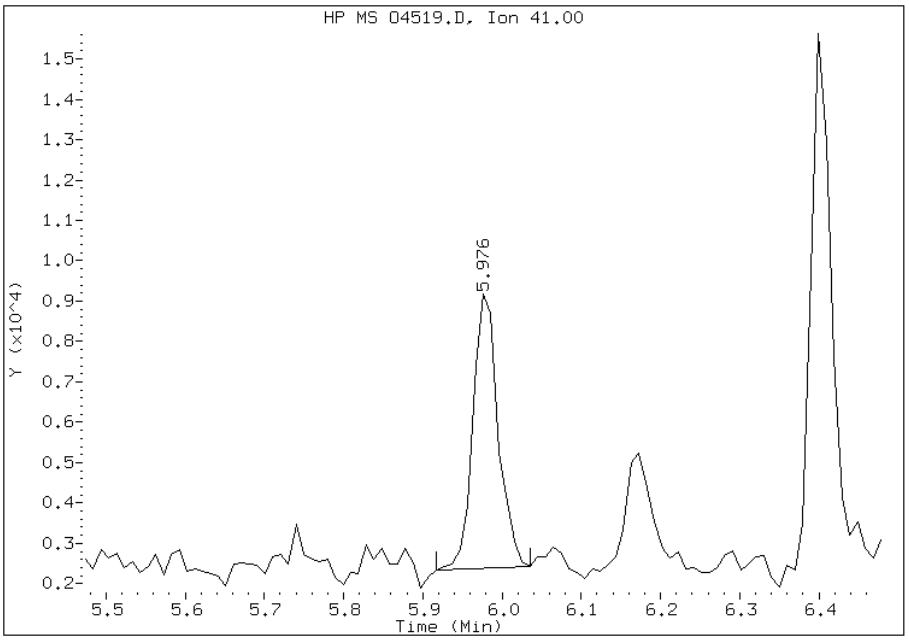
Manual Integration Results

RT: 5.98

Response: 15348

Amount: 11

Conc: 11



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 86 2-Hexanone
CAS #: 591-78-6
Report Date: 06/23/2011

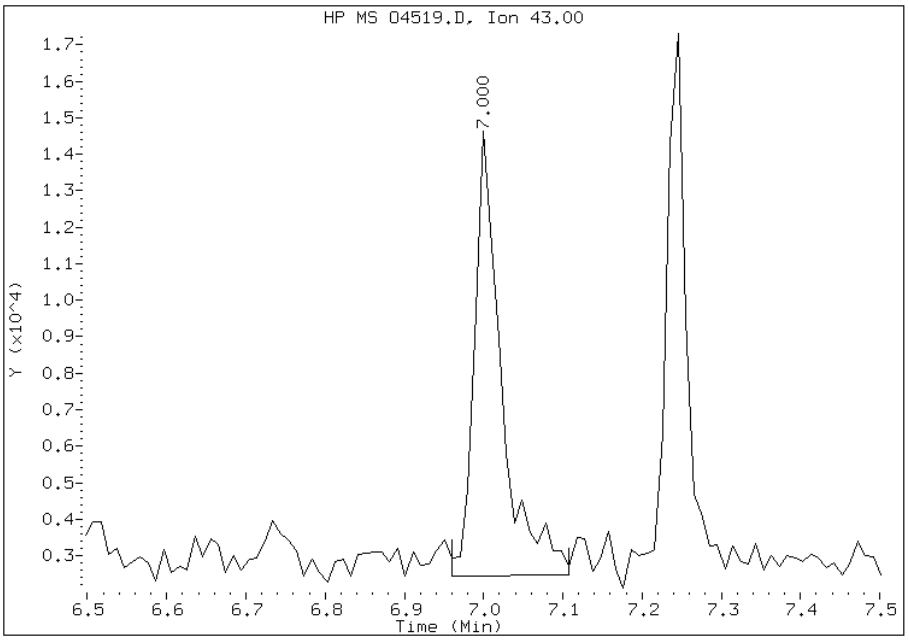
Processing Integration Results

RT: 7.00

Response: 29876

Amount: 6

Conc: 6



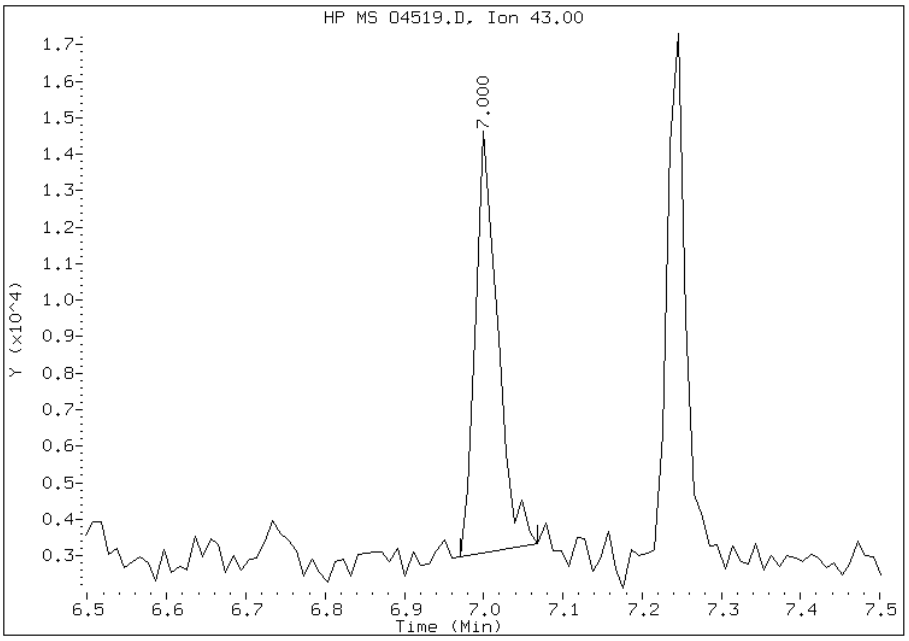
Manual Integration Results

RT: 7.00

Response: 23347

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 06/23/2011

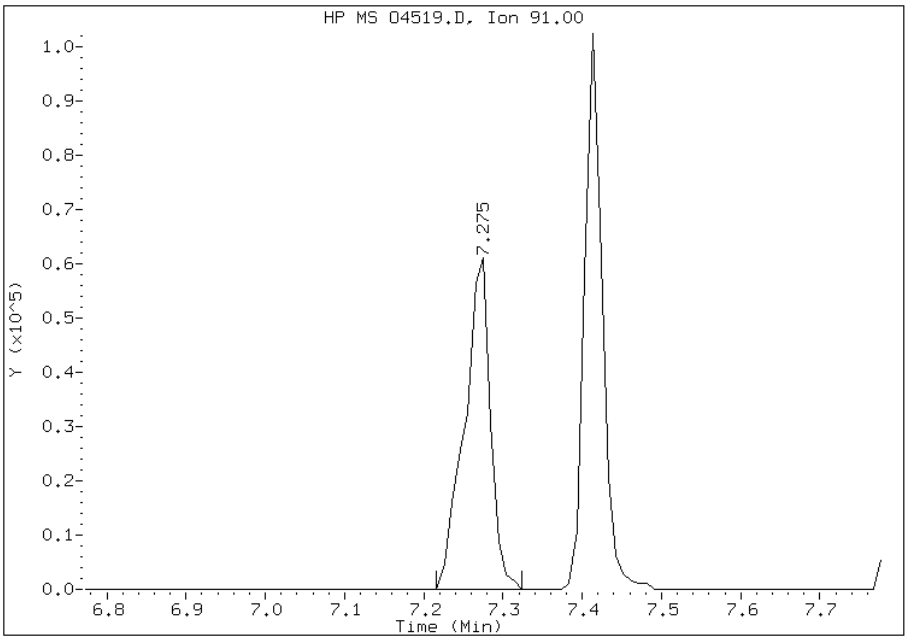
Processing Integration Results

RT: 7.28

Response: 141712

Amount: 13

Conc: 13



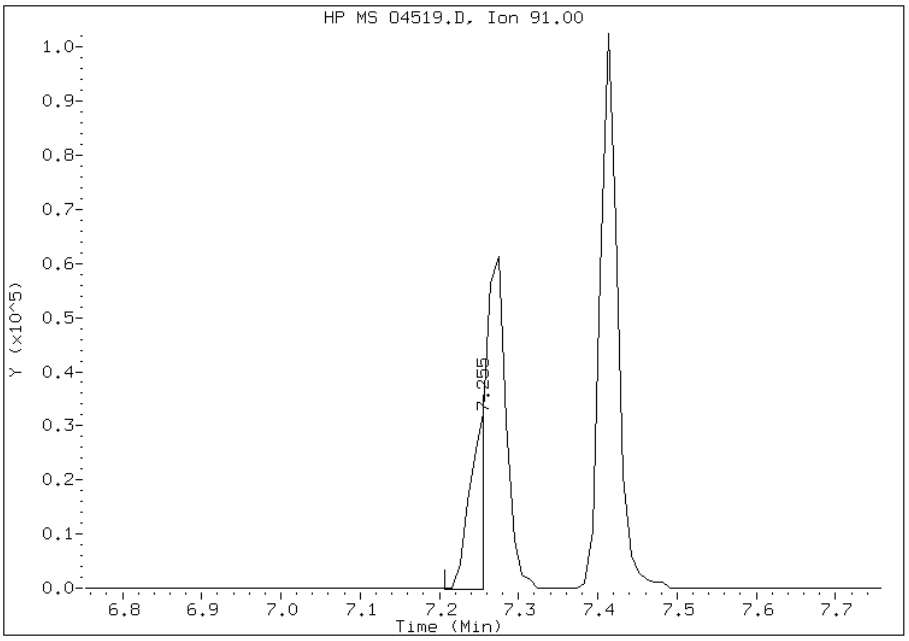
Manual Integration Results

RT: 7.26

Response: 47038

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 66 Methyl Methacrylate
CAS #: 80-62-6
Report Date: 06/23/2011

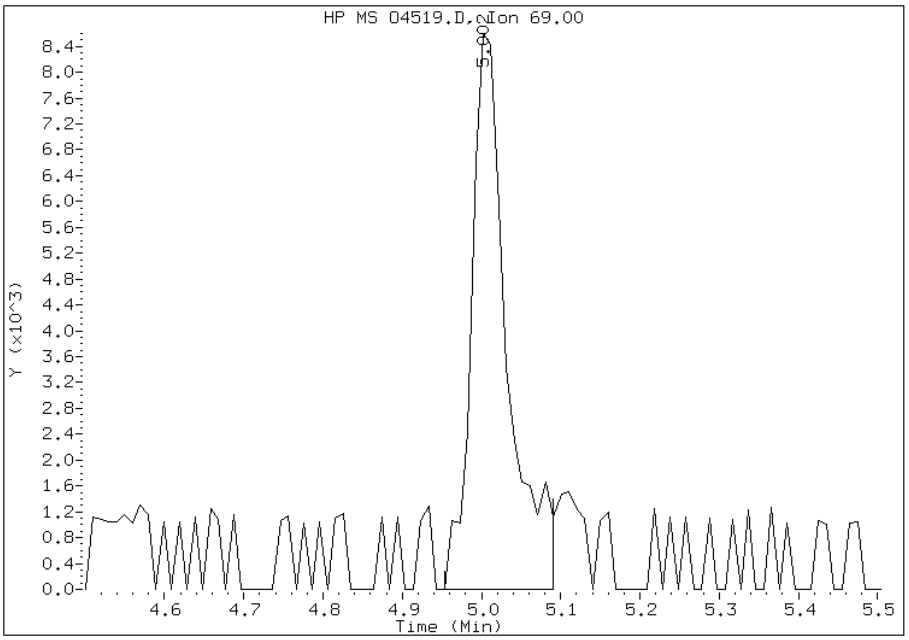
Processing Integration Results

RT: 5.00

Response: 27776

Amount: 7

Conc: 7



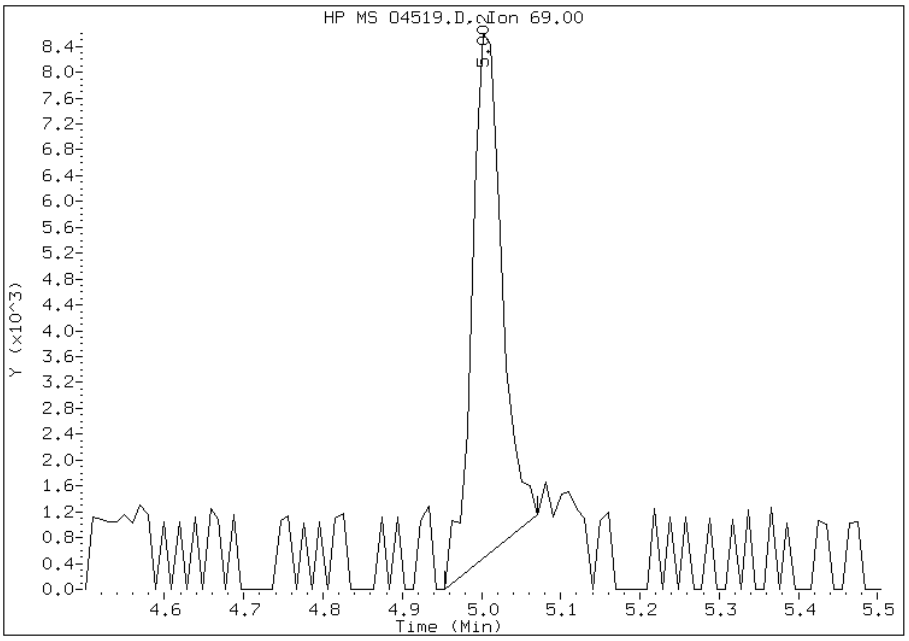
Manual Integration Results

RT: 5.00

Response: 21678

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 06/23/2011

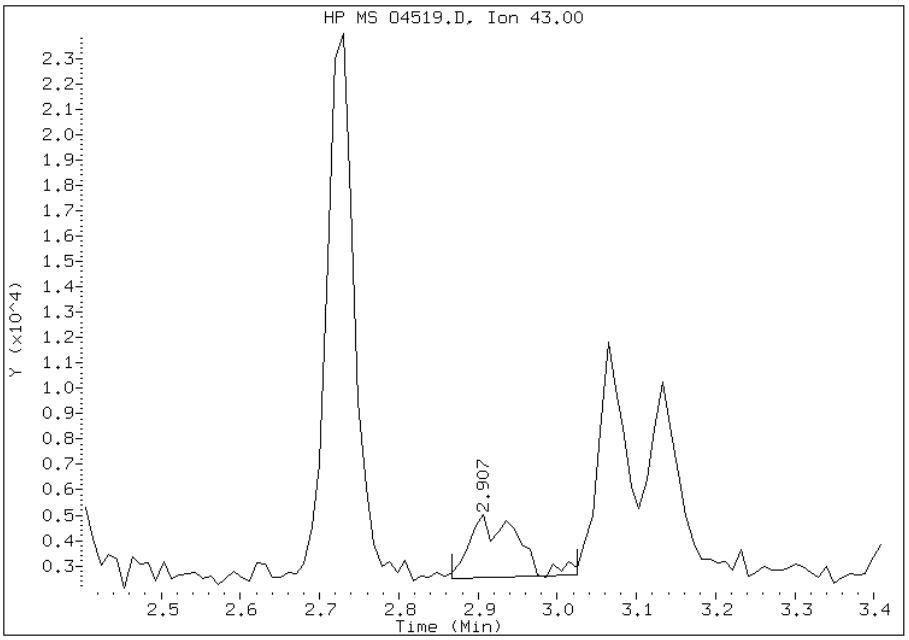
Processing Integration Results

RT: 2.91

Response: 10556

Amount: 21

Conc: 21



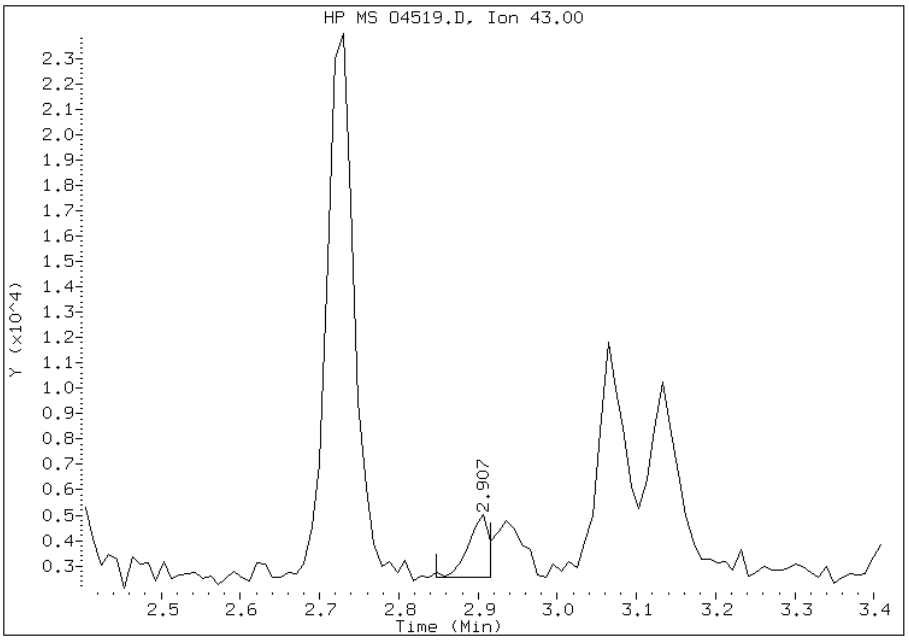
Manual Integration Results

RT: 2.91

Response: 4763

Amount: 11

Conc: 11



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O4519.D
Inj. Date and Time: 23-JUN-2011 17:14
Instrument ID: mso.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 06/23/2011

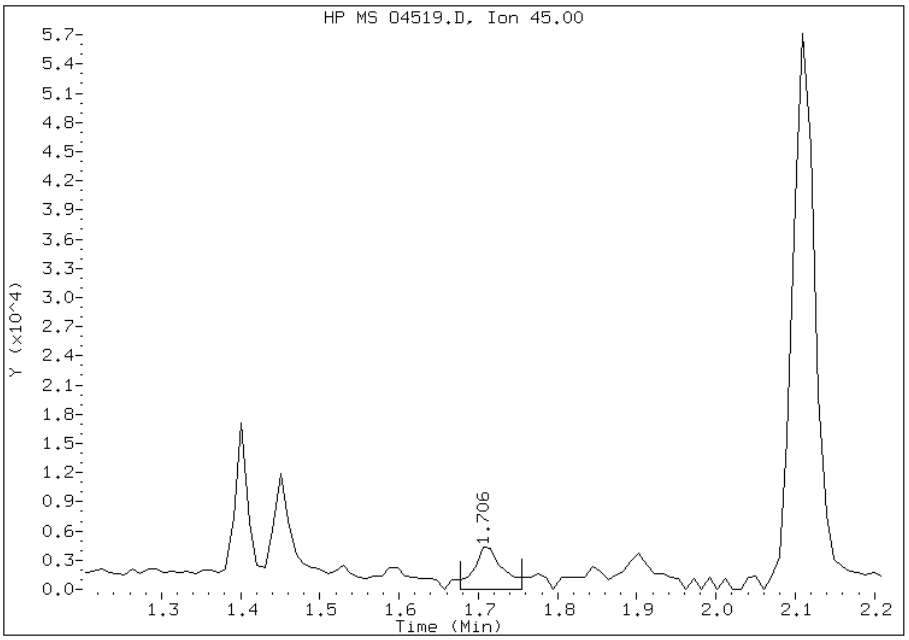
Processing Integration Results

RT: 1.71

Response: 11855

Amount: 9

Conc: 9



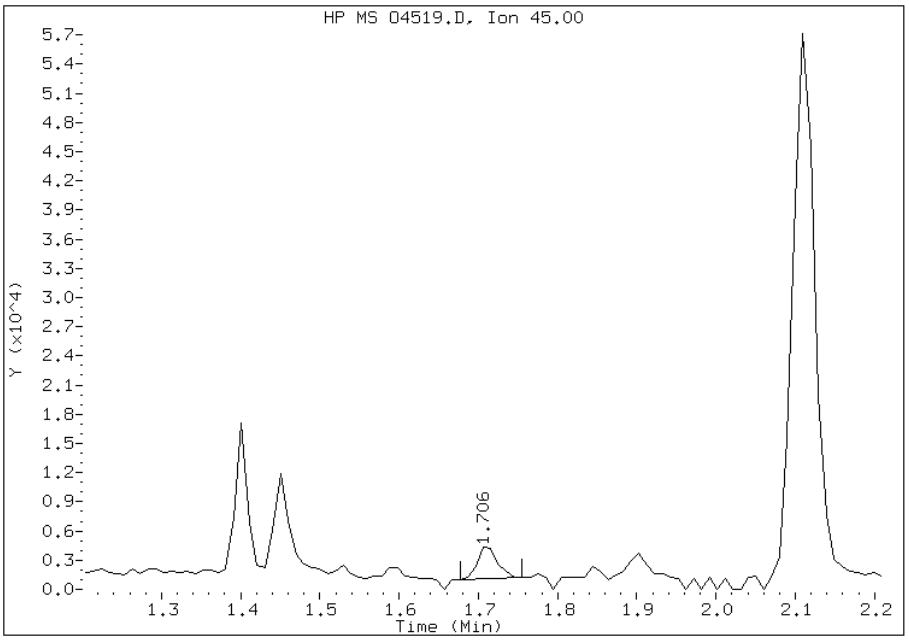
Manual Integration Results

RT: 1.71

Response: 5952

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52854/6	V2196.D
Level 2	IC 220-52854/5	V2195.D
Level 3	IC 220-52854/4	V2194.D
Level 4	ICIS 220-52854/3	V2193.D
Level 5	IC 220-52854/2	V2192.D
Level 6	IC 220-52854/1	V2191.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	0.1691 0.2097	0.2321	0.1966	0.2302	0.2303	Ave		0.2113				11.9		15.0			
Chloromethane	0.2497 0.2302	0.2468	0.2058	0.2204	0.2247	Ave		0.2296			0.1000	7.2		15.0			
Vinyl chloride	0.1655 0.2285	0.2278	0.2037	0.2318	0.2379	Ave		0.2159				12.6		30.0			
Bromomethane	0.1569 0.1244	0.1437	0.1302	0.1249	0.1301	Ave		0.1350				9.5		15.0			
Chloroethane	0.1208 0.0982	0.1197	0.1159	0.1121	0.0989	Ave		0.1109				9.1		15.0			
Trichlorofluoromethane	0.3930 0.4656	0.4627	0.4239	0.4490	0.4350	Ave		0.4382				6.2		15.0			
Dichlorofluoromethane	0.3962 0.3652	0.3635	0.3479	0.3680	0.3429	Ave		0.3640				5.2		15.0			
Ethyl ether	0.1549 0.1213	0.1681	0.1291	0.1253	0.1208	Ave		0.1366				14.6		15.0			
Ethanol	0.0053 0.0081	0.0094	0.0062	0.0077	0.0079	Lin	0.2469	0.0081							0.9997		
1,1-Dichloroethene	0.1247 0.1913	0.1804	0.1749	0.1892	0.1815	Ave		0.1737				14.2		30.0			
Carbon disulfide	0.7591 0.7052	0.7520	0.6472	0.7448	0.6959	Ave		0.7174				6.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2680 0.2300	0.2415	0.2091	0.2346	0.2299	Ave		0.2355				8.2		15.0			
Iodomethane	0.1955 0.2979	0.2071	0.2363	0.2676	0.2863	Lin	0.0432	0.2991							0.9995		
Acrolein	0.0377 0.0363	0.0376	0.0330	0.0350	0.0354	Ave		0.0358				4.9		15.0			
3-Chloro-1-propene	0.3274 0.3226	0.3234	0.2901	0.3043	0.3106	Ave		0.3131				4.6		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
Methylene Chloride	+++++ 0.2361	0.5104	0.3356	0.2670	0.2343	Ave		0.3167				36.6	*	15.0			
Isopropyl alcohol	0.0550 0.0295	0.0300	0.0232	0.0287	0.0325	Lin	-0.004	0.0300							0.9970		
Acetone	+++++ 0.0748	0.1098	0.0692	0.0582	0.0628	Ave		0.0750				27.3	*	15.0			
trans-1,2-Dichloroethene	0.2358 0.2371	0.2141	0.2117	0.2395	0.2276	Ave		0.2276				5.3		15.0			
Methyl acetate	0.9161 0.9800	1.0038	0.8661	0.9221	0.9622	Ave		0.9417				5.3		15.0			
Methyl tert-butyl ether	0.6414 0.7732	0.7586	0.7128	0.7294	0.7540	Ave		0.7282				6.6		15.0			
tert-Butyl alcohol	0.0364 0.0298	0.0307	0.0296	0.0291	0.0311	Ave		0.0311				8.6		15.0			
Acetonitrile	0.0240 0.0283	0.0218	0.0225	0.0251	0.0273	Ave		0.0248				10.4		15.0			
Isopropyl ether	0.6924 0.7187	0.6766	0.6382	0.7011	0.7001	Ave		0.6879				4.1		15.0			
2-Chloro-1,3-butadiene	0.1777 0.2325	0.2086	0.1884	0.2134	0.2244	Ave		0.2075				10.1		15.0			
1,1-Dichloroethane	0.4999 0.4373	0.4139	0.4036	0.4217	0.4232	Ave		0.4333			0.1000	8.0		15.0			
Acrylonitrile	0.0923 0.0963	0.0766	0.0830	0.0934	0.0935	Ave		0.0892				8.6		15.0			
Tert-butyl ethyl ether	0.5474 0.7813	0.7282	0.6597	0.7450	0.7517	Ave		0.7022				12.3		15.0			
Vinyl acetate	0.4334 0.5805	0.4811	0.4679	0.5294	0.5638	Ave		0.5093				11.4		15.0			
cis-1,2-Dichloroethene	0.2896 0.2772	0.3027	0.2556	0.2722	0.2617	Ave		0.2765				6.3		15.0			
2,2-Dichloropropane	0.3452 0.4112	0.3705	0.3321	0.3781	0.3685	Ave		0.3676				7.5		15.0			
Bromochloromethane	0.1336 0.1429	0.1362	0.1389	0.1443	0.1399	Ave		0.1393				2.9		15.0			
Cyclohexane	0.3293 0.3415	0.2598	0.2735	0.3330	0.3288	Ave		0.3110				11.2		15.0			
Chloroform	0.7125 0.4945	0.5173	0.4566	0.4750	0.4682	Ave		0.5207				18.5		30.0			
Carbon tetrachloride	0.4219 0.4299	0.4583	0.3885	0.4114	0.4133	Ave		0.4205				5.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
Tetrahydrofuran	0.0887 0.0794	0.0794	0.0669	0.0730	0.0806	Ave		0.0780				9.4		15.0			
Methyl acrylate	0.2698 0.2454	0.2035	0.2091	0.2287	0.2411	Ave		0.2329				10.6		15.0			
Ethyl acetate	0.0409 0.0305	0.0314	0.0256	0.0275	0.0290	Lin	0.0619	0.0304							0.9992		
1,1,1-Trichloroethane	0.3586 0.4794	0.4223	0.4199	0.4408	0.4537	Ave		0.4291				9.5		15.0			
1,1-Dichloropropene	0.3271 0.3626	0.3240	0.3191	0.3381	0.3476	Ave		0.3364				4.9		15.0			
Methyl Ethyl Ketone	+++++ 0.1221	0.0940	0.1041	0.1079	0.1121	Ave		0.1080				9.6		15.0			
1-Chlorobutane	0.3192 0.4679	0.4281	0.3991	0.4536	0.4539	Ave		0.4203				13.1		15.0			
Benzene	0.9723 1.0221	0.9921	0.8977	0.9930	0.9961	Ave		0.9789				4.4		15.0			
Propionitrile	0.0324 0.0369	0.0342	0.0347	0.0357	0.0358	Ave		0.0350				4.5		15.0			
Methacrylonitrile	0.1653 0.1466	0.1526	0.1241	0.1330	0.1408	Ave		0.1438				10.1		15.0			
Tert-amyl methyl ether	0.5632 0.7412	0.6483	0.6185	0.6922	0.7198	Ave		0.6639				10.1		15.0			
Heptane	0.1822 0.2183	0.1850	0.1771	0.1960	0.2089	Ave		0.1946				8.4		15.0			
1,2-Dichloroethane	0.3597 0.3799	0.3733	0.3498	0.3511	0.3518	Ave		0.3609				3.6		15.0			
Isobutyl alcohol	0.0046 0.0062	0.0062	0.0055	0.0060	0.0063	Ave		0.0058				11.6		15.0			
Methylcyclohexane	0.3200 0.4393	0.4540	0.3510	0.4178	0.4270	Ave		0.4015				13.3		15.0			
Trichloroethene	0.3099 0.2901	0.2734	0.2626	0.2935	0.2790	Ave		0.2847				5.9		15.0			
Dibromomethane	0.1884 0.1951	0.1854	0.1686	0.1867	0.1924	Ave		0.1861				5.0		15.0			
1,2-Dichloropropane	0.2295 0.2624	0.2642	0.2461	0.2553	0.2594	Ave		0.2528				5.2		30.0			
Bromodichloromethane	0.4272 0.3969	0.3802	0.3383	0.3668	0.3760	Ave		0.3809				7.8		15.0			
Methyl methacrylate	0.2558 0.2174	0.1628	0.1615	0.1978	0.2112	Lin	0.0380	0.2184							0.9996		

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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
1,4-Dioxane	0.0069 0.0022	0.0036	0.0026	0.0022	0.0025	Lin	-0.552	0.0022							0.9943		
2-Chloroethyl vinyl ether	0.1522 0.1727	0.1324	0.1324	0.1626	0.1684	Ave		0.1535				11.5		15.0			
cis-1,3-Dichloropropene	0.3466 0.4577	0.4263	0.3760	0.4255	0.4380	Ave		0.4117				10.1		15.0			
Toluene	1.2961 1.5060	1.4883	1.2729	1.5490	1.4838	Ave		1.4327				8.2		30.0			
Chloroacetonitrile	0.0092 0.0094	0.0096	0.0076	0.0088	0.0093	Ave		0.0090				8.1		15.0			
2-Nitropropane	0.0748 0.0693	0.0609	0.0623	0.0596	0.0649	Ave		0.0653				8.8		15.0			
1,1-Dichloro-2-propanone	0.1626 0.1673	0.1554	0.1581	0.1668	0.1712	Ave		0.1636				3.7		15.0			
Tetrachloroethene	0.2203 0.3212	0.3385	0.3147	0.3408	0.3274	Ave		0.3105				14.6		15.0			
methyl isobutyl ketone	0.3738 0.3147	0.2558	0.2532	0.3114	0.3142	Ave		0.3038				14.7		15.0			
trans-1,3-Dichloropropene	0.4084 0.4434	0.4220	0.3841	0.4106	0.4334	Ave		0.4170				5.0		15.0			
1,1,2-Trichloroethane	0.2299 0.2515	0.2281	0.2324	0.2407	0.2449	Ave		0.2379				3.9		15.0			
Ethyl methacrylate	0.3206 0.4303	0.3606	0.3325	0.4101	0.4272	Ave		0.3802				12.8		15.0			
Dibromochloromethane	0.5473 0.4566	0.4343	0.4243	0.4581	0.4534	Ave		0.4623				9.5		15.0			
1,3-Dichloropropane	0.5048 0.5396	0.5521	0.4960	0.5592	0.5425	Ave		0.5324				4.9		15.0			
1,2-Dibromoethane	0.3581 0.3640	0.3485	0.3456	0.3810	0.3830	Ave		0.3634				4.4		15.0			
2-Hexanone	0.1663 0.2180	0.1788	0.1796	0.2065	0.2178	Ave		0.1945				11.5		15.0			
Chlorobenzene	0.9328 0.9766	1.0232	0.8842	0.9826	0.9779	Ave		0.9629			0.3000	5.0		15.0			
1-Chlorohexane	0.1875 0.5465	0.2987	0.2450	0.4199	0.4416	Lin	0.1240	0.5478							0.9913		
Ethylbenzene	0.4974 0.5489	0.4822	0.4705	0.5506	0.5491	Ave		0.5164				7.2		30.0			
1,1,1,2-Tetrachloroethane	0.3397 0.4002	0.3990	0.3639	0.4180	0.4011	Ave		0.3870				7.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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								
m&p-Xylene	0.4705 0.6784	0.5936	0.5317	0.6760	0.6762	Ave		0.6044				14.6		15.0			
o-Xylene	0.4758 0.6515	0.5484	0.5340	0.6066	0.6296	Ave		0.5743				11.6		15.0			
Bromoform	0.3654 0.3368	0.3495	0.3231	0.3533	0.3389	Ave		0.3445			0.1000	4.3		15.0			
Styrene	0.7767 1.0795	0.9115	0.8866	1.0444	1.0664	Ave		0.9608				12.7		15.0			
Isopropylbenzene	1.9989 2.4412	2.2115	2.0694	2.6621	2.5516	Ave		2.3225				11.6		15.0			
Bromobenzene	0.7862 0.7707	0.8911	0.7498	0.8548	0.8051	Ave		0.8096				6.6		15.0			
N-Propylbenzene	2.9812 3.1097	2.8854	2.6371	3.3882	3.1999	Ave		3.0336				8.6		15.0			
1,1,2,2-Tetrachloroethane	0.7709 0.6951	0.8160	0.7060	0.7882	0.7447	Ave		0.7535			0.3000	6.3		15.0			
4-Ethyltoluene	2.2568 2.6994	2.3293	2.3077	2.9109	2.7216	Ave		2.5376				10.8		15.0			
2-Chlorotoluene	2.2842 2.2124	2.2845	2.0623	2.3923	2.2917	Ave		2.2546				4.9		15.0			
1,2,3-Trichloropropane	0.2658 0.2150	0.2453	0.2149	0.2417	0.2286	Ave		0.2352				8.4		15.0			
1,3,5-Trimethylbenzene	1.6267 2.3479	2.1801	2.0150	2.5623	2.4037	Ave		2.1893				15.2	*	15.0			
trans-1,4-Dichloro-2-butene	0.2290 0.2033	0.2020	0.1899	0.2179	0.2041	Ave		0.2077				6.6		15.0			
4-Chlorotoluene	1.9171 2.0667	2.0476	1.9336	2.2834	2.0971	Ave		2.0576				6.4		15.0			
tert-Butylbenzene	1.5148 1.9953	1.8494	1.7527	2.1110	2.0417	Ave		1.8775				11.7		15.0			
1,2,4-Trimethylbenzene	2.1543 2.4144	2.1346	2.0346	2.5860	2.4946	Ave		2.3031				9.7		15.0			
sec-Butylbenzene	2.0037 2.9314	2.5834	2.4207	3.0992	2.9680	Ave		2.6677				15.5	*	15.0			
4-Isopropyltoluene	1.6485 2.5170	2.2068	2.0087	2.6403	2.5648	Ave		2.2643				17.0	*	15.0			
1,3-Dichlorobenzene	1.6938 1.4430	1.4928	1.3392	1.5536	1.4864	Ave		1.5014				7.9		15.0			
1,4-Dichlorobenzene	1.9340 1.4827	1.5931	1.3918	1.5687	1.4764	Ave		1.5744				12.1		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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-Diethylbenzene	1.1714 1.3273	1.1662	1.0528	1.2778	1.3072	Ave		1.2171				8.7		15.0			
Benzyl chloride	0.2501 0.3378	0.2836	0.3032	0.3201	0.3154	Ave		0.3017				10.3		15.0			
n-Butylbenzene	2.5883 2.4032	2.1897	1.9958	2.5056	2.3786	Ave		2.3435				9.3		15.0			
1,2-Dichlorobenzene	1.3886 1.4237	1.4977	1.3554	1.5039	1.4172	Ave		1.4311				4.1		15.0			
1,2,4,5-Tetramethylbenzene	2.1691 2.5840	2.2796	1.9368	2.4494	2.5050	Ave		2.3206				10.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1524 0.1690	0.2052	0.1797	0.1710	0.1699	Ave		0.1745				10.0		15.0			
Nitrobenzene	0.1240 0.0790	0.0946	0.0816	0.0830	0.0859	Lin	-0.306	0.0797							0.9983		
Hexachlorobutadiene	1.0582 0.5405	0.6416	0.5494	0.5977	0.5510	Ave		0.6564				30.6	*	15.0			
1,2,4-Trichlorobenzene	1.6250 1.2222	1.2088	1.2006	1.2313	1.2136	Ave		1.2836				13.1		15.0			
Naphthalene	3.4950 2.6596	2.8162	2.6057	2.7906	2.8143	Ave		2.8636				11.2		15.0			
1,2,3-Trichlorobenzene	1.4724 1.1123	1.3644	1.2218	1.1921	1.1455	Ave		1.2514				11.1		15.0			
Dibromofluoromethane	+++++ 0.2939	0.2781	0.2555	0.2856	0.2830	Ave		0.2792				5.2		15.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.3419	0.3507	0.3202	0.3262	0.3276	Ave		0.3333				3.8		15.0			
Toluene-d8 (Surr)	+++++ 1.3084	1.2966	1.1874	1.3464	1.3158	Ave		1.2909				4.7		15.0			
4-Bromofluorobenzene	+++++ 0.8045	0.8842	0.7487	0.8629	0.8281	Ave		0.8257				6.4		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 Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-52854/6	V2196.D
Level 2	IC 220-52854/5	V2195.D
Level 3	IC 220-52854/4	V2194.D
Level 4	ICIS 220-52854/3	V2193.D
Level 5	IC 220-52854/2	V2192.D
Level 6	IC 220-52854/1	V2191.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	Ave	1947 494587	11500	25816	125252	298111	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Ave	2876 542859	12230	27028	119895	290933	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Ave	1906 539071	11286	26754	126083	307934	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Ave	1807 293348	7119	17093	67934	168369	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Ave	1391 231726	5932	15215	60994	127972	0.500 100	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	4526 1098281	22927	55658	244237	563073	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	4563 861285	18013	45685	200210	443960	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Ave	1784 286210	8328	16958	68147	156444	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Lin	615 191749	4672	8166	41827	102373	5.00 1000	20.0	50.0	200	500
1,1-Dichloroethene	FB	Ave	1436 451326	8937	22966	102932	234946	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Ave	8743 1663428	37261	84987	405172	900832	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3087 542608	11965	27460	127593	297629	0.500 100	2.00	5.00	20.0	50.0
Iodomethane	FB	Lin	2251 702621	10264	31029	145560	370659	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Ave	2170 428235	9319	21692	95291	228959	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Ave	3771 760832	16026	38093	165511	402151	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 556983	25289	44065	145254	303256	+++++ 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Isopropyl alcohol	FB	Lin	634 69533	1485	3043	15607	42104	0.500 100	2.00	5.00	20.0	50.0
Acetone	FB	Ave	+++++ 176478	5442	9085	31681	81294	+++++ 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	2716 559161	10607	27794	130294	294595	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	10551 2311529	49740	113731	501595	1245663	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	7387 1823783	37588	93603	396800	976140	0.500 100	2.00	5.00	20.0	50.0
tert-Butyl alcohol	FB	Ave	2094 351160	7610	19418	79248	201219	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Ave	2769 667089	10815	29507	136503	352798	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Ave	7974 1695198	33529	83809	381367	906353	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	2047 548320	10338	24737	116074	290479	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	5757 1031382	20510	53002	229379	547868	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2125 454403	7591	21807	101669	242155	1.00 200	4.00	10.0	40.0	100
Tert-butyl ethyl ether	FB	Ave	6304 1842958	36085	86626	405270	973098	0.500 100	2.00	5.00	20.0	50.0
Vinyl acetate	FB	Ave	4991 1369162	23840	61436	288013	729913	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	3335 653950	14998	33565	148086	338841	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	3976 970019	18361	43612	205661	477070	0.500 100	2.00	5.00	20.0	50.0
Bromochloromethane	FB	Ave	1539 337048	6750	18245	78507	181055	0.500 100	2.00	5.00	20.0	50.0
Cyclohexane	FB	Ave	3793 805428	12876	35912	181127	425599	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	8206 1166277	25633	59957	258413	606160	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	4859 1013963	22709	51012	223773	535029	0.500 100	2.00	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	2042 374575	7868	17577	79454	208607	1.00 200	4.00	10.0	40.0	100
Methyl acrylate	FB	Ave	3107 578899	10084	27455	124385	312086	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Ethyl acetate	FB	Lin	941 143750	3115	6731	29940	75107	1.00 200	4.00	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	4130 1130761	20924	55141	239781	587295	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	3767 855357	16054	41904	183922	449997	0.500 100	2.00	5.00	20.0	50.0
Methyl Ethyl Ketone	FB	Ave	+++++ 288091	4658	13673	58675	145148	+++++ 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Ave	3676 1103541	21211	52407	246780	587646	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	11198 2410919	49160	117875	540185	1289504	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	3733 871229	16956	45561	194150	463966	5.00 1000	20.0	50.0	200	500
Methacrylonitrile	FB	Ave	1904 345826	7564	16292	72377	182271	0.500 100	2.00	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	6486 1748234	32124	81213	376573	931822	0.500 100	2.00	5.00	20.0	50.0
Heptane	FB	Ave	2098 514886	9166	23254	106646	270482	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	4143 896164	18500	45930	190970	455465	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Ave	526 147042	3091	7236	32647	81500	5.00 1000	20.0	50.0	200	500
Methylcyclohexane	FB	Ave	3685 1036255	22497	46087	227286	552824	0.500 100	2.00	5.00	20.0	50.0
Trichloroethene	FB	Ave	3569 684193	13547	34476	159636	361167	0.500 100	2.00	5.00	20.0	50.0
Dibromomethane	FB	Ave	2170 460128	9187	22133	101576	249024	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	2643 618863	13090	32316	138896	335849	0.500 100	2.00	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	4920 936060	18838	44425	199523	486700	0.500 100	2.00	5.00	20.0	50.0
Methyl methacrylate	FB	Lin	2946 512887	8065	21203	107583	273455	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Lin	789 51708	1760	3410	11919	32888	5.00 1000	20.0	50.0	200	500
2-Chloroethyl vinyl ether	FB	Ave	1753 407342	6563	17384	88443	218039	0.500 100	2.00	5.00	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	3992 1079485	21126	49367	231456	567082	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Toluene	CBZ	Ave	11100 2763170	54476	122566	612964	1446184	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Ave	1064 221423	4767	9981	47733	119785	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Ave	1723 326892	6035	16361	64876	168010	1.00 200	4.00	10.0	40.0	100
1,1-Dichloro-2-propanone	CBZ	Ave	6961 1535102	28437	76097	330039	834124	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Ave	1887 589313	12388	30305	134855	319063	0.500 100	2.00	5.00	20.0	50.0
methyl isobutyl ketone	CBZ	Ave	3201 577371	9364	24381	123227	306249	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Ave	4703 1045772	20912	50432	223342	561087	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	2648 593325	11304	30517	130949	317085	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	2746 789562	13198	32016	162277	416364	0.500 100	2.00	5.00	20.0	50.0
Dibromochloromethane	CBZ	Ave	4687 837854	15895	40853	181270	441880	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	4323 990078	20208	47759	221270	528765	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	3067 667906	12757	33280	150786	373245	0.500 100	2.00	5.00	20.0	50.0
2-Hexanone	CBZ	Ave	1424 400052	6546	17292	81718	212322	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	7989 1791930	37450	85141	388838	953051	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Lin	1606 1002800	10932	23589	166172	430414	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	4260 1007148	17649	45301	217869	535189	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	2909 734211	14604	35041	165419	390957	0.500 100	2.00	5.00	20.0	50.0
m&p-Xylene	CBZ	Ave	8059 2489656	43453	102402	535050	1318021	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Ave	4075 1195403	20072	51420	240028	613650	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Ave	3129 617879	12793	31111	139794	330323	0.500 100	2.00	5.00	20.0	50.0
Styrene	CBZ	Ave	6652 1980647	33361	85368	413296	1039389	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
Isopropylbenzene	DCB	Ave	9184 2756445	44619	113774	583064	1448845	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	3612 870249	17979	41222	187226	457117	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	13697 3511295	58217	144985	742097	1816956	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	3542 784861	16463	38815	172627	422867	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	10369 3048010	46996	126879	637538	1545342	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	10495 2498054	46093	113385	523973	1301235	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	1221 242791	4950	11815	52936	129821	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	7474 2651116	43987	110786	561192	1364868	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2104 459179	8153	20879	95436	231726	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Ave	8808 2333624	41313	106309	500116	1190776	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	6960 2252901	37314	96363	462358	1159284	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	9898 2726147	43068	111864	566393	1416455	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	9206 3309885	52123	133092	678798	1685249	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	7574 2841976	44525	110439	578288	1456298	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	7782 1629290	30119	73630	340272	843973	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	8886 1674140	32143	76522	343567	838303	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	5382 1498688	23530	57881	279858	742234	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	1149 381467	5721	16668	70099	179084	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	11892 2713555	44181	109730	548784	1350577	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	6380 1607587	30218	74518	329388	804721	0.500 100	2.00	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	9966 2917639	45993	106486	536463	1422391	0.500 100	2.00	5.00	20.0	50.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 52854

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/13/2011 14:31 Calibration End Date: 07/13/2011 16:47 Calibration ID: 11462

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
1,2-Dibromo-3-Chloropropane	DCB	Ave	700 190856	4140	9878	37458	96455	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Lin	5695 891957	19092	44868	181857	487794	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Ave	4862 610290	12946	30207	130912	312837	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	7466 1380058	24390	66006	269688	689107	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Ave	16058 3002983	56820	143260	611207	1597993	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	6765 1255941	27528	67173	261096	650407	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	+++++ 693222	13778	33551	155341	366328	+++++ 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 806426	17376	42040	177447	424077	+++++ 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	+++++ 2400741	47457	114338	532796	1282462	+++++ 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	+++++ 908437	17840	41165	188991	470199	+++++ 100	2.00	5.00	20.0	50.0

Curve Type Legend:
Ave = Average ISTD
Lin = Linear ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2191.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 13-JUL-2011 14:31
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;100
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	589678	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	494587	100.000	0.0
3	Chloromethane	50	1.084	1.084	(0.224)	542859	100.000	0.0
4	Vinyl Chloride	62	1.132	1.132	(0.234)	539071	100.000	0.0
5	Bromomethane	94	1.319	1.319	(0.273)	293348	100.000	0.0
6	Chloroethane	64	1.388	1.388	(0.287)	231726	100.000	0.0(M)
7	Trichlorofluoromethane	101	1.468	1.468	(0.304)	1098281	100.000	0.0
8	Dichlorofluoromethane	67	1.511	1.511	(0.313)	861285	100.000	0.0
9	Ethyl Ether	45	1.682	1.682	(0.348)	286210	100.000	0.0
10	Ethanol	45	1.730	1.730	(0.358)	191749	1000.00	0.0
12	Freon 123	67	1.842	1.842	(0.381)	116650	100.000	0.0
13	Trichlorotrifluoroethane	101	1.826	1.826	(0.378)	542608	100.000	0.0
14	1,1-Dichloroethene	96	1.794	1.794	(0.371)	451326	100.000	0.0
15	Carbon Disulfide	76	1.815	1.815	(0.375)	1663428	100.000	0.0
16	Iodomethane	142	1.895	1.895	(0.392)	702621	100.000	0.0
17	Acrolein	56	2.039	2.039	(0.422)	428235	500.000	0.0
18	2-Propanol	45	2.194	2.194	(0.454)	69533	100.000	0.0
19	3-Chloro-1-Propene	41	2.135	2.135	(0.442)	760832	100.000	0.0
20	Methylene Chloride	84	2.215	2.215	(0.458)	556983	100.000	0.0
21	Acetone	43	2.263	2.263	(0.468)	176478	100.000	0.0(M)
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	559161	100.000	0.0
23	Methyl Acetate	43	2.370	2.370	(0.490)	2311529	100.000	0.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	1823783	100.000	0.0
	25 tert-Butyl alcohol	59	2.562	2.562	(0.530)	351160	500.000	0.0
	27 Isopropyl ether	45	2.808	2.808	(0.581)	1695198	100.000	0.0
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.658)	1842958	100.000	0.0
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	548320	100.000	0.0
	30 Acrylonitrile	53	2.947	2.947	(0.609)	454403	200.000	0.0
	31 1,1-Dichloroethane	63	2.898	2.898	(0.599)	1031382	100.000	0.0
	32 Vinyl Acetate	43	3.181	3.181	(0.658)	1369162	100.000	0.0
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	653950	100.000	0.0
	34 2,2-Dichloropropane	77	3.566	3.566	(0.737)	970019	100.000	0.0
	35 Bromochloromethane	128	3.662	3.662	(0.757)	337048	100.000	0.0
	37 Cyclohexane	84	3.662	3.662	(0.757)	805428	100.000	0.0
	38 Chloroform	83	3.763	3.763	(0.778)	1166277	100.000	0.0
	39 Ethyl Acetate	43	3.918	3.918	(0.810)	143750	200.000	0.0
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	578899	100.000	0.0
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	693222	100.000	0.0
	42 Tetrahydrofuran	42	3.913	3.913	(0.809)	374575	200.000	0.0
	43 Carbon Tetrachloride	117	3.886	3.886	(0.804)	1013963	100.000	0.0
	44 1,1,1-Trichloroethane	97	3.961	3.961	(0.819)	1130761	100.000	0.0
	45 2-Butanone	43	4.094	4.094	(0.847)	288091	100.000	0.0
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	855357	100.000	0.0
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	1748234	100.000	0.0
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	1103541	100.000	0.0
	50 Heptane	43	4.542	4.542	(0.939)	514886	100.000	0.0(M)
	51 Propionitrile	54	4.393	4.393	(0.908)	871229	1000.00	0.0
	52 Benzene	78	4.361	4.361	(0.902)	2410919	100.000	0.0
	53 2-Methyl-2-Propenenitrile	41	4.420	4.420	(0.914)	345826	100.000	0.0(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	806426	100.000	0.0
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	896164	100.000	0.0
	59 Methyl Cyclohexane	83	5.007	5.007	(1.035)	1036255	100.000	0.0
	60 Trichloroethene	130	5.028	5.028	(1.040)	684193	100.000	0.0
	63 Dibromomethane	93	5.487	5.487	(1.135)	460128	100.000	0.0
	64 1,2-Dichloropropane	63	5.604	5.604	(1.159)	618863	100.000	0.0
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	936060	100.000	0.0
	66 Methyl Methacrylate	69	5.957	5.957	(1.232)	512887	100.000	0.0
	67 1,4-Dioxane	58	5.951	5.951	(1.231)	51708	1000.00	0.0(M)
	69 2-Chloroethylvinylether	63	6.432	6.432	(1.330)	407342	100.000	0.0
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	1079485	100.000	0.0
	71 Chloroacetonitrile	48	6.944	6.944	(1.436)	221423	1000.00	0.0
	72 2-Nitropropane	41	7.008	7.008	(1.449)	326892	200.000	0.0
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	1045772	100.000	0.0
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	593325	100.000	0.0
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	458705	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	2763170	100.000	0.0
$	77 Toluene-d8	98	6.677	6.677	(0.778)	2400741	100.000	0.0
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	1535102	500.000	0.0
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	577371	100.000	0.0
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	589313	100.000	0.0
	81 Ethyl Methacrylate	69	7.542	7.542	(0.879)	789562	100.000	0.0
	82 Dibromochloromethane	129	7.654	7.654	(0.892)	837854	100.000	0.0
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	990078	100.000	0.0
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	667906	100.000	0.0
	86 2-Hexanone	43	8.299	8.299	(0.968)	400052	100.000	0.0
	87 1-Chlorohexane	91	8.662	8.662	(1.010)	1002800	100.000	0.0(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	8.598	8.598	(1.002)	1791930	100.000	0.0
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	734211	100.000	0.0
90	Ethylbenzene	106	8.684	8.684	(1.012)	1007148	100.000	0.0
91	Xylene (total)mp	106	8.881	8.881	(1.035)	2489656	200.000	0.0
92	Xylene (total)o	106	9.399	9.399	(1.096)	1195403	100.000	0.0
93	Styrene	104	9.463	9.463	(1.103)	1980647	100.000	0.0
94	Bromoform	173	9.452	9.452	(1.102)	617879	100.000	0.0
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	282282	25.0000	
96	Isopropylbenzene	105	9.767	9.767	(0.885)	2756445	100.000	0.0
97	Bromobenzene	156	10.098	10.098	(0.915)	870249	100.000	0.0
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	784861	100.000	0.0
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	3048010	100.000	0.0
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	242791	100.000	0.0
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.944)	459179	200.000	0.0
102	n-Propylbenzene	91	10.183	10.183	(0.923)	3511295	100.000	0.0
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	2498054	100.000	0.0
104	4-Chlorotoluene	91	10.456	10.456	(0.948)	2333624	100.000	0.0
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	2651116	100.000	0.0
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	2252901	100.000	0.0
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	2726147	100.000	0.0
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	3309885	100.000	0.0
109	4-Isopropyltoluene	119	10.952	10.952	(0.993)	2841976	100.000	0.0
110	1,3-Dichlorobenzene	146	10.963	10.963	(0.994)	1629290	100.000	0.0
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	1674140	100.000	0.0
112	1,2-Dichlorobenzene	146	11.374	11.374	(1.031)	1607587	100.000	0.0
113	Benzyl Chloride	126	11.256	11.256	(1.020)	381467	100.000	0.0
114	1,4-Diethylbenzene	119	11.251	11.251	(1.020)	1498688	100.000	0.0
115	n-Butylbenzene	91	11.288	11.288	(1.023)	2713555	100.000	0.0
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	2917639	100.000	0.0
119	1,2-Dibromo-3-chloropropane	75	11.993	11.993	(1.087)	190856	100.000	0.0
120	Nitrobenzene	77	12.398	12.398	(1.124)	891957	1000.00	0.0
121	1,2,4-Trichlorobenzene	180	12.494	12.494	(1.133)	1380058	100.000	0.0
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	610290	100.000	0.0
123	Naphthalene	128	12.718	12.718	(1.153)	3002983	100.000	0.0
124	1,2,3-Trichlorobenzene	180	12.852	12.852	(1.165)	1255941	100.000	0.0
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	908437	100.000	0.0
M 126	1,2-Dichloroethene (total)	100				1213111	200.000	0.0
M 127	Xylene (total)	100				3685059	300.000	0.0

QC Flag Legend

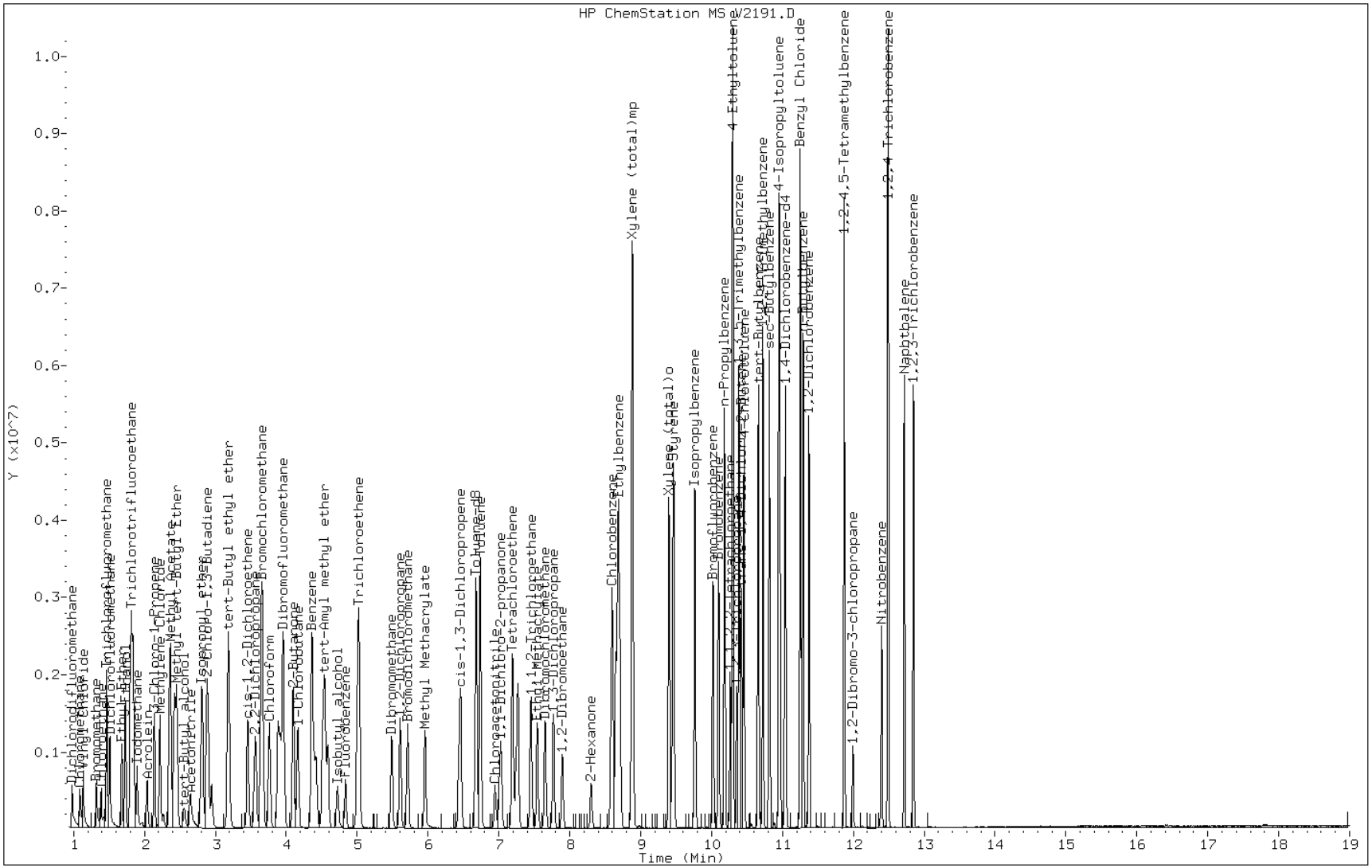
M - Compound response manually integrated.

Data File: V2191.D

Date: 13-JUL-2011 14:31

Client ID: IC;100 Instrument: msv.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

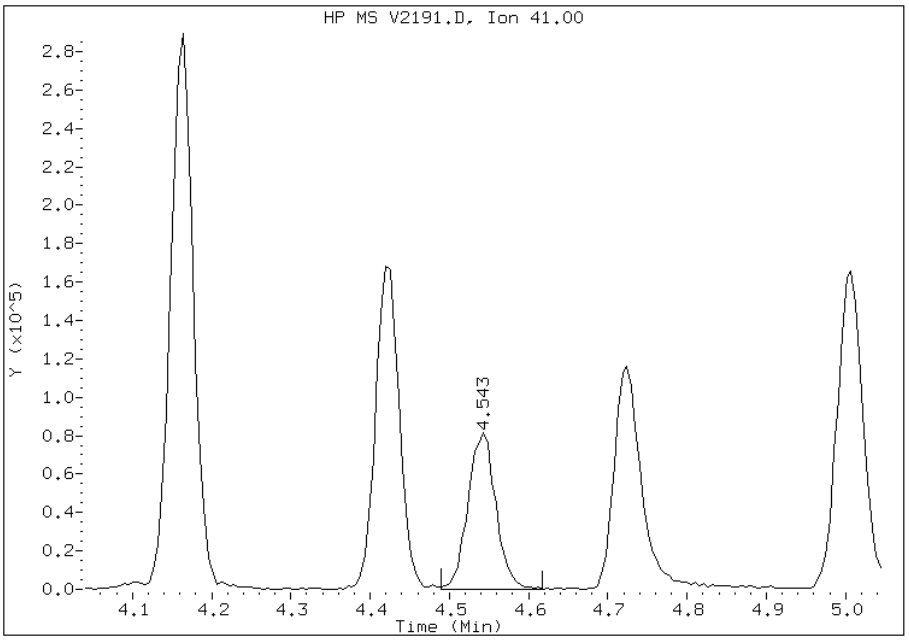
Processing Integration Results

RT: 4.54

Response: 194649

Amount: 70

Conc: 70



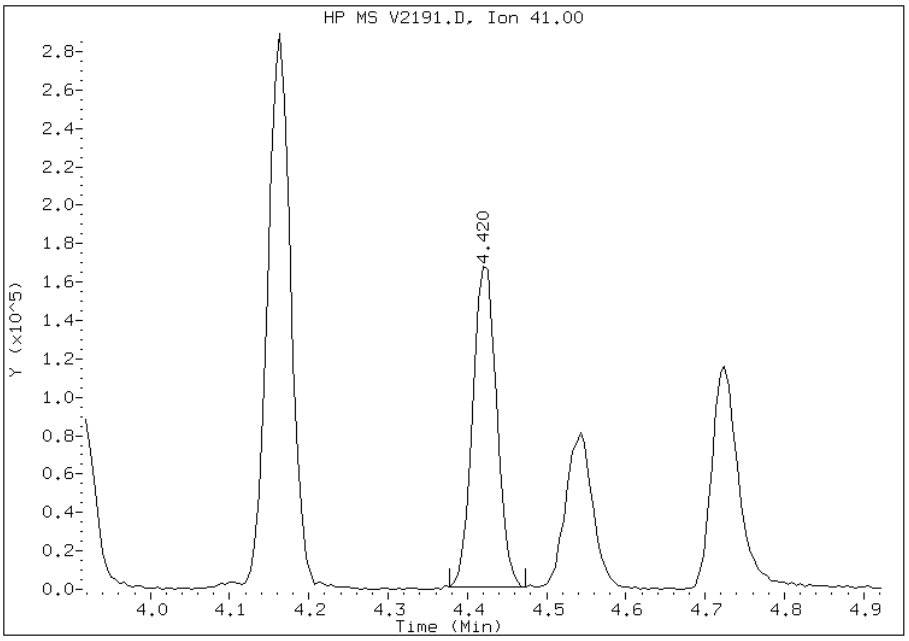
Manual Integration Results

RT: 4.42

Response: 345826

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

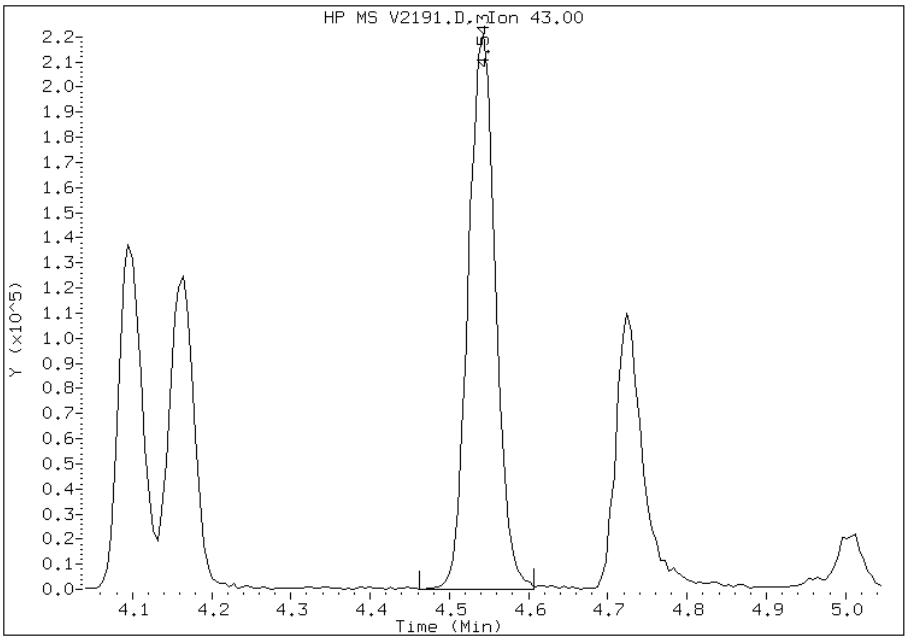
Processing Integration Results

RT: 4.54

Response: 524311

Amount: 105

Conc: 105



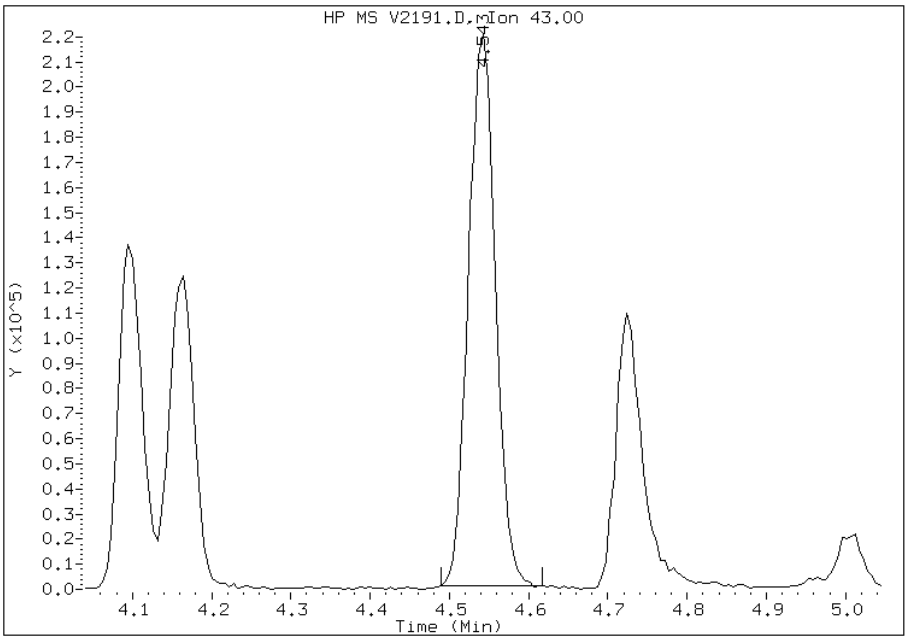
Manual Integration Results

RT: 4.54

Response: 514886

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

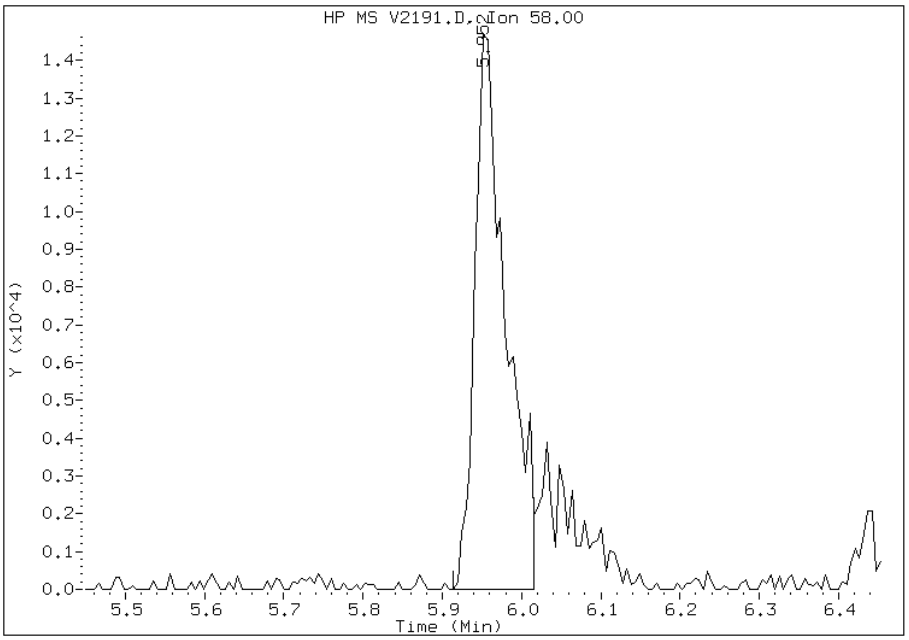
Processing Integration Results

RT: 5.95

Response: 40111

Amount: 933

Conc: 933



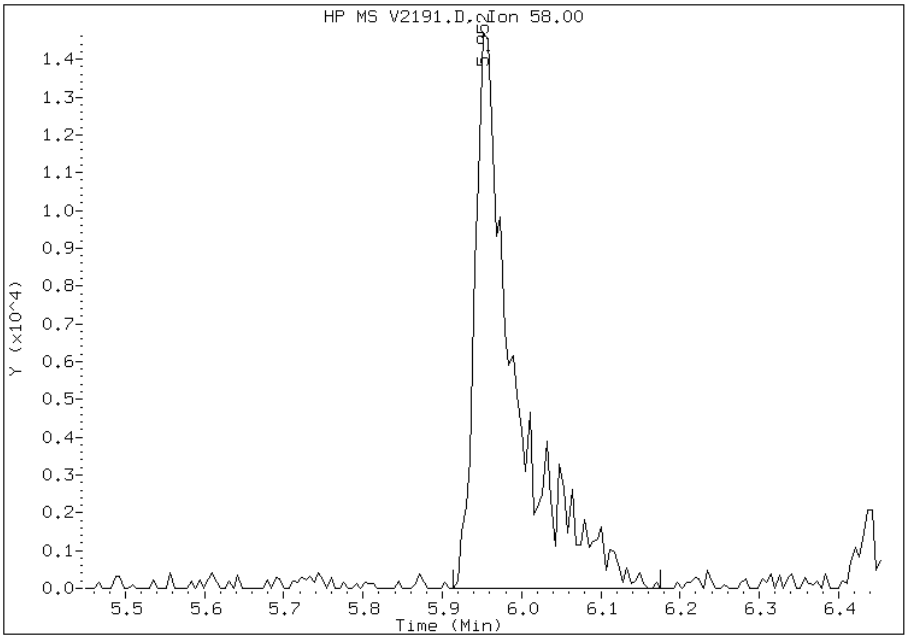
Manual Integration Results

RT: 5.95

Response: 51708

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

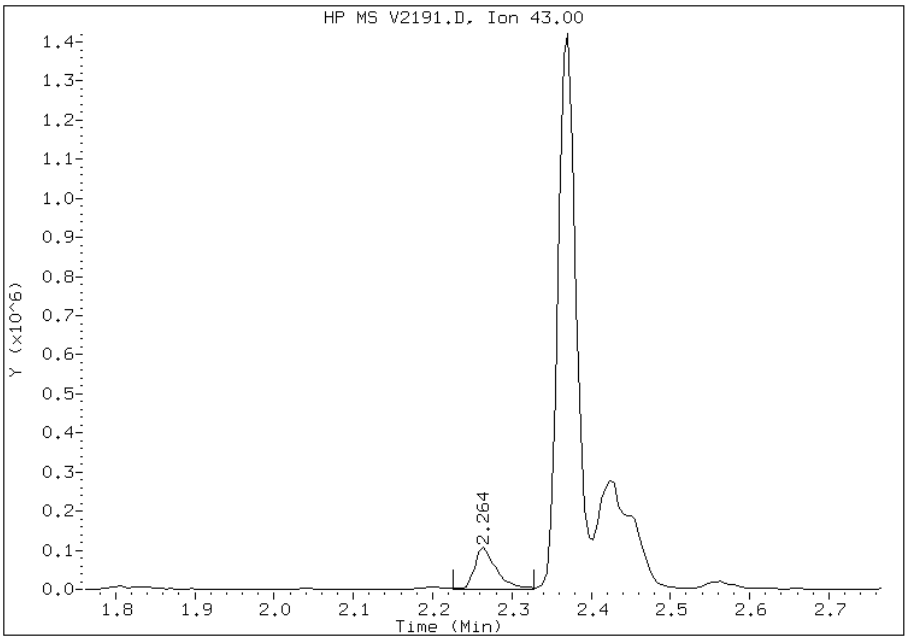
Processing Integration Results

RT: 2.26

Response: 197070

Amount: 0

Conc: 0



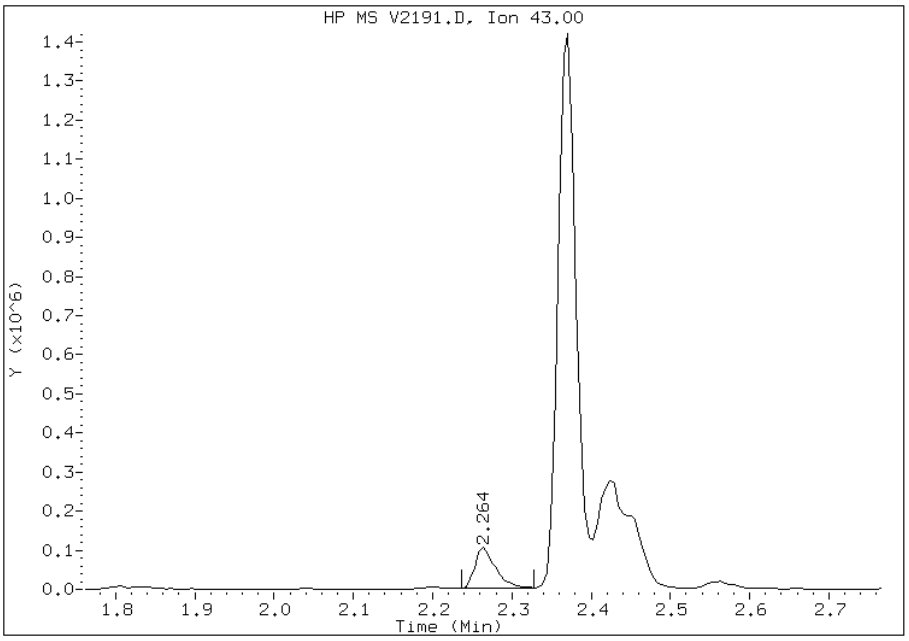
Manual Integration Results

RT: 2.26

Response: 176478

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 07/14/2011

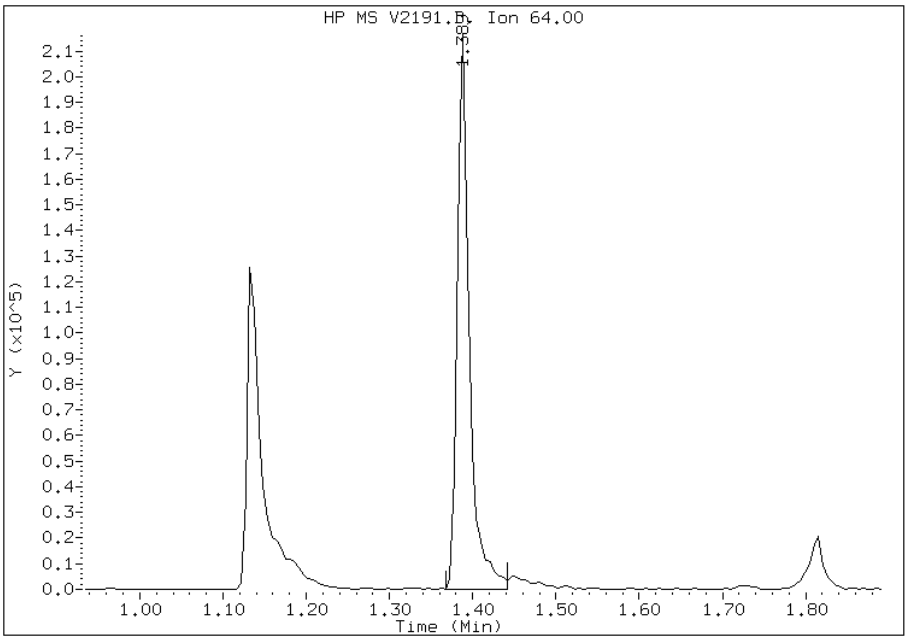
Processing Integration Results

RT: 1.39

Response: 223887

Amount: 73

Conc: 73



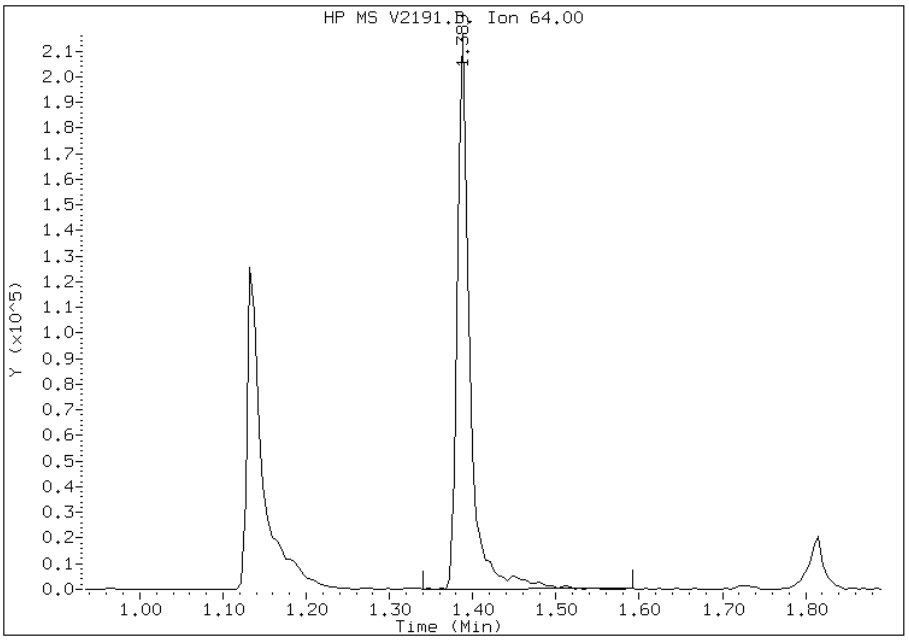
Manual Integration Results

RT: 1.39

Response: 231726

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2191.D
Inj. Date and Time: 13-JUL-2011 14:31
Instrument ID: msv.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

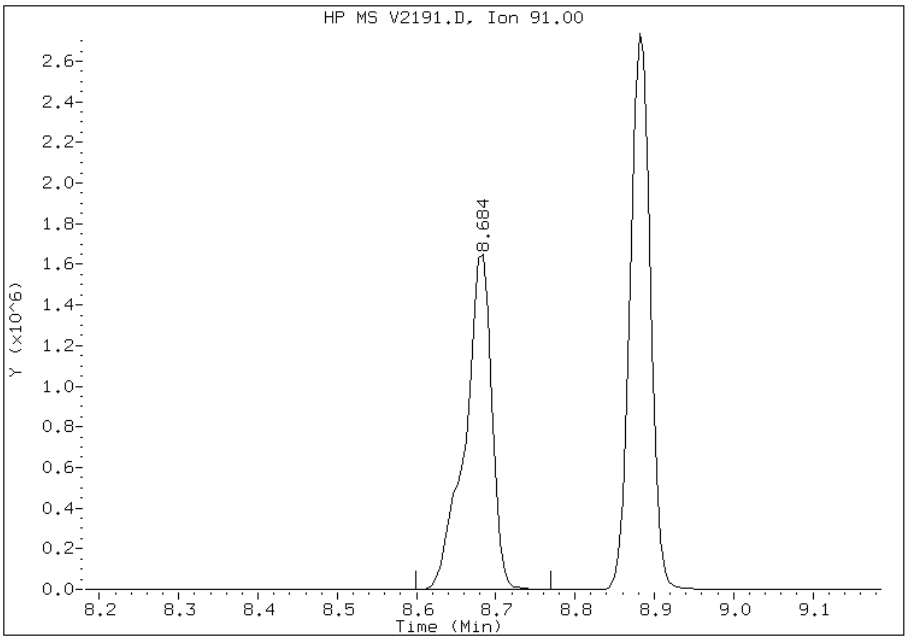
Processing Integration Results

RT: 8.68

Response: 3825284

Amount: 103

Conc: 103



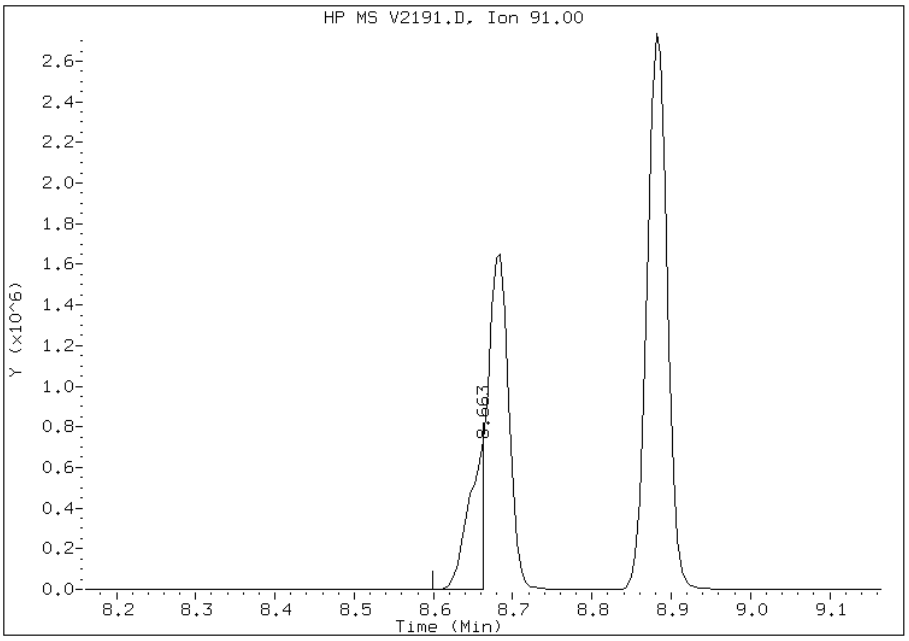
Manual Integration Results

RT: 8.66

Response: 1002800

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2192.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 13-JUL-2011 14:58 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;50
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 14:31 Cal File: V2191.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	647284	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	298111	50.0000	55
3	Chloromethane	50	1.089	1.089	(0.225)	290933	50.0000	49
4	Vinyl Chloride	62	1.132	1.132	(0.234)	307934	50.0000	52
5	Bromomethane	94	1.319	1.319	(0.273)	168369	50.0000	52
6	Chloroethane	64	1.388	1.388	(0.287)	127972	50.0000	50
7	Trichlorofluoromethane	101	1.474	1.474	(0.305)	563073	50.0000	47
8	Dichlorofluoromethane	67	1.511	1.511	(0.313)	443960	50.0000	47
9	Ethyl Ether	45	1.676	1.676	(0.347)	156444	50.0000	50
10	Ethanol	45	1.730	1.730	(0.358)	102373	500.000	490
12	Freon 123	67	1.842	1.842	(0.381)	65116	50.0000	51
13	Trichlorotrifluoroethane	101	1.831	1.831	(0.379)	297629	50.0000	50
14	1,1-Dichloroethene	96	1.799	1.799	(0.372)	234946	50.0000	47
15	Carbon Disulfide	76	1.815	1.815	(0.375)	900832	50.0000	49
16	Iodomethane	142	1.895	1.895	(0.392)	370659	50.0000	48
17	Acrolein	56	2.034	2.034	(0.421)	228959	250.000	240
18	2-Propanol	45	2.189	2.189	(0.453)	42104	50.0000	55
19	3-Chloro-1-Propene	41	2.135	2.135	(0.442)	402151	50.0000	48
20	Methylene Chloride	84	2.221	2.221	(0.459)	303256	50.0000	50
21	Acetone	43	2.258	2.258	(0.467)	81294	50.0000	42(M)
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	294595	50.0000	48
23	Methyl Acetate	43	2.370	2.370	(0.490)	1245663	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.456	2.456	(0.508)	976140	50.0000	49
	25 tert-Butyl alcohol	59	2.552	2.552	(0.528)	201219	250.000	260
	26 Acetonitrile	41	2.642	2.642	(0.546)	352798	500.000	480
	27 Isopropyl ether	45	2.808	2.808	(0.581)	906353	50.0000	49
	28 tert-Butyl ethyl ether	59	3.187	3.187	(0.659)	973098	50.0000	48
	29 2-Chloro-1,3-Butadiene	88	2.883	2.883	(0.596)	290479	50.0000	48
	30 Acrylonitrile	53	2.947	2.947	(0.609)	242155	100.000	97
	31 1,1-Dichloroethane	63	2.899	2.899	(0.599)	547868	50.0000	48
	32 Vinyl Acetate	43	3.181	3.181	(0.658)	729913	50.0000	48
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	338841	50.0000	47
	34 2,2-Dichloropropane	77	3.566	3.566	(0.737)	477070	50.0000	45
	35 Bromochloromethane	128	3.656	3.656	(0.756)	181055	50.0000	49
	37 Cyclohexane	84	3.656	3.656	(0.756)	425599	50.0000	48
	38 Chloroform	83	3.763	3.763	(0.778)	606160	50.0000	47
	39 Ethyl Acetate	43	3.913	3.913	(0.809)	75107	100.000	95
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	312086	50.0000	49
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	366328	50.0000	48
	42 Tetrahydrofuran	42	3.913	3.913	(0.809)	208607	100.000	100
	43 Carbon Tetrachloride	117	3.886	3.886	(0.804)	535029	50.0000	48
	44 1,1,1-Trichloroethane	97	3.955	3.955	(0.818)	587295	50.0000	47
	45 2-Butanone	43	4.094	4.094	(0.847)	145148	50.0000	46
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	449997	50.0000	48
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	931822	50.0000	48
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	587646	50.0000	48
	50 Heptane	43	4.542	4.542	(0.939)	270482	50.0000	48(M)
	51 Propionitrile	54	4.393	4.393	(0.908)	463966	500.000	480
	52 Benzene	78	4.361	4.361	(0.902)	1289504	50.0000	49
	53 2-Methyl-2-Propenenitrile	41	4.420	4.420	(0.914)	182271	50.0000	48(M)
	54 Isobutyl alcohol	42	4.718	4.718	(0.976)	81500	500.000	500
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	424077	50.0000	48
	56 1,2-Dichloroethane	62	4.590	4.590	(0.949)	455465	50.0000	46
	59 Methyl Cyclohexane	83	5.007	5.007	(1.035)	552824	50.0000	49
	60 Trichloroethene	130	5.033	5.033	(1.041)	361167	50.0000	48
	63 Dibromomethane	93	5.487	5.487	(1.135)	249024	50.0000	49
	64 1,2-Dichloropropane	63	5.604	5.604	(1.159)	335849	50.0000	49
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	486700	50.0000	47
	66 Methyl Methacrylate	69	5.957	5.957	(1.232)	273455	50.0000	48
	67 1,4-Dioxane	58	5.957	5.957	(1.232)	32888	500.000	580(M)
	69 2-Chloroethylvinylether	63	6.437	6.437	(1.331)	218039	50.0000	49
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	567082	50.0000	48
	71 Chloroacetonitrile	48	6.944	6.944	(1.436)	119785	500.000	490
	72 2-Nitropropane	41	7.003	7.003	(1.448)	168010	100.000	94
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	561087	50.0000	49
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	317085	50.0000	49
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	487315	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	1446184	50.0000	49
$	77 Toluene-d8	98	6.677	6.677	(0.778)	1282462	50.0000	50
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	834124	250.000	260
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	306249	50.0000	50
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	319063	50.0000	51
	81 Ethyl Methacrylate	69	7.542	7.542	(0.879)	416364	50.0000	50
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	441880	50.0000	50
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	528765	50.0000	50
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	373245	50.0000	53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.299	8.299	(0.968)	212322	50.0000	50
87	1-Chlorohexane	91	8.657	8.657	(1.009)	430414	50.0000	40(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	953051	50.0000	50
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	390957	50.0000	50
90	Ethylbenzene	106	8.678	8.678	(1.012)	535189	50.0000	50
91	Xylene (total)mp	106	8.881	8.881	(1.035)	1318021	100.000	100
92	Xylene (total)o	106	9.399	9.399	(1.096)	613650	50.0000	48
93	Styrene	104	9.463	9.463	(1.103)	1039389	50.0000	49
94	Bromoform	173	9.447	9.447	(1.101)	330323	50.0000	50
* 95	1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	283905	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	1448845	50.0000	52
97	Bromobenzene	156	10.098	10.098	(0.916)	457117	50.0000	52
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.931)	422867	50.0000	54
99	4-Ethyltoluene	105	10.295	10.295	(0.934)	1545342	50.0000	50
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	129821	50.0000	53
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.945)	231726	100.000	100
102	n-Propylbenzene	91	10.183	10.183	(0.924)	1816956	50.0000	51
103	2-Chlorotoluene	91	10.295	10.295	(0.934)	1301235	50.0000	52
104	4-Chlorotoluene	91	10.456	10.456	(0.948)	1190776	50.0000	51
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.942)	1364868	50.0000	51
106	tert-Butylbenzene	119	10.658	10.658	(0.967)	1159284	50.0000	51
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	1416455	50.0000	52
108	sec-Butylbenzene	105	10.813	10.813	(0.981)	1685249	50.0000	51
109	4-Isopropyltoluene	119	10.952	10.952	(0.993)	1456298	50.0000	51
110	1,3-Dichlorobenzene	146	10.963	10.963	(0.994)	843973	50.0000	52
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	838303	50.0000	50
112	1,2-Dichlorobenzene	146	11.374	11.374	(1.031)	804721	50.0000	50
113	Benzyl Chloride	126	11.256	11.256	(1.021)	179084	50.0000	47
114	1,4-Diethylbenzene	119	11.245	11.245	(1.020)	742234	50.0000	49
115	n-Butylbenzene	91	11.288	11.288	(1.024)	1350577	50.0000	49
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	1422391	50.0000	48
119	1,2-Dibromo-3-chloropropane	75	11.993	11.993	(1.088)	96455	50.0000	50
120	Nitrobenzene	77	12.398	12.398	(1.124)	487794	500.000	540
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.133)	689107	50.0000	50
122	Hexachlorobutadiene	225	12.489	12.489	(1.133)	312837	50.0000	51
123	Naphthalene	128	12.718	12.718	(1.153)	1597993	50.0000	53
124	1,2,3-Trichlorobenzene	180	12.847	12.847	(1.165)	650407	50.0000	51
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.909)	470199	50.0000	51
M 126	1,2-Dichloroethene (total)	100				633436	100.000	95
M 127	Xylene (total)	100				1931671	150.000	150

QC Flag Legend

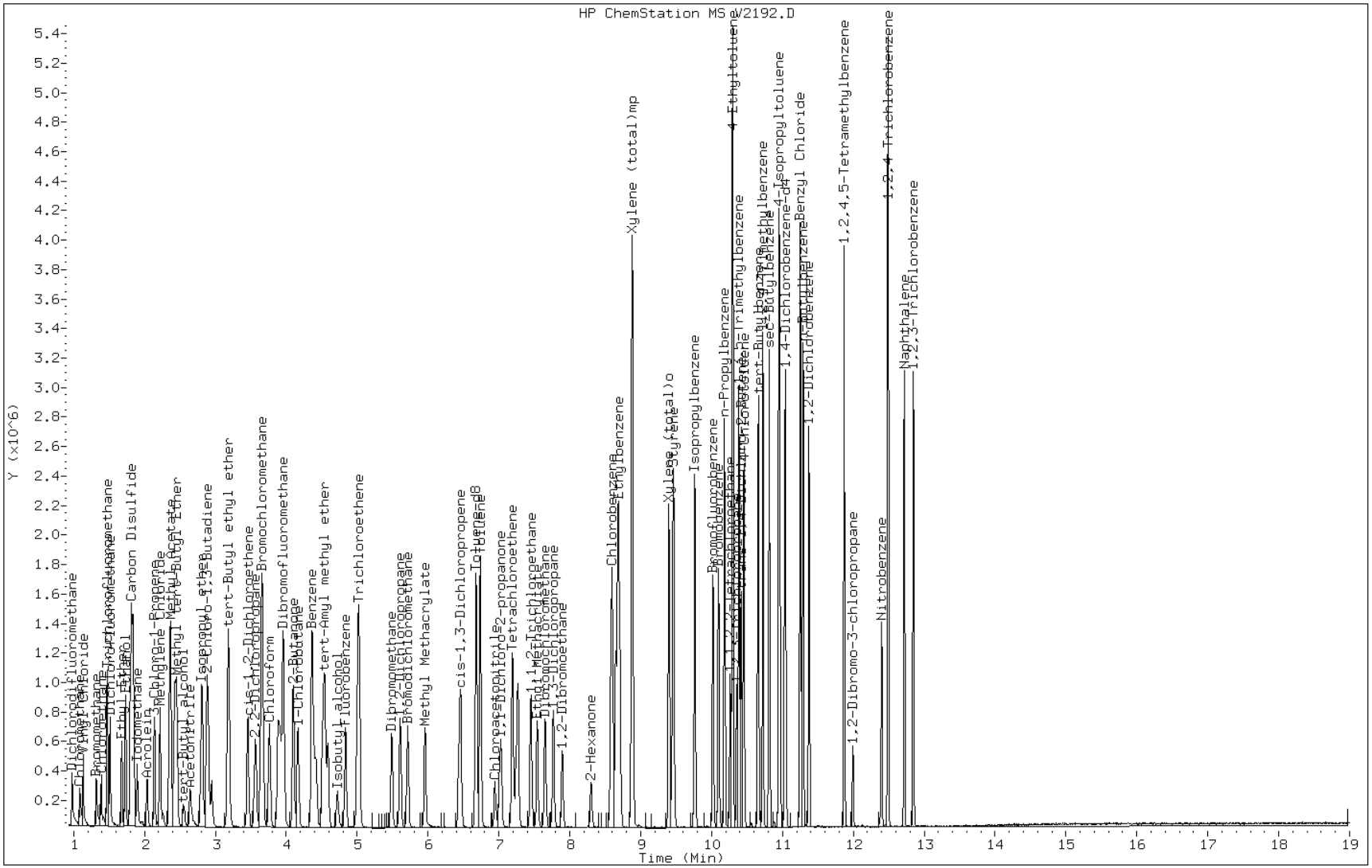
M - Compound response manually integrated.

Data File: V2192.D

Date: 13-JUL-2011 14:58

Client ID: IC;50 Instrument: msv.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

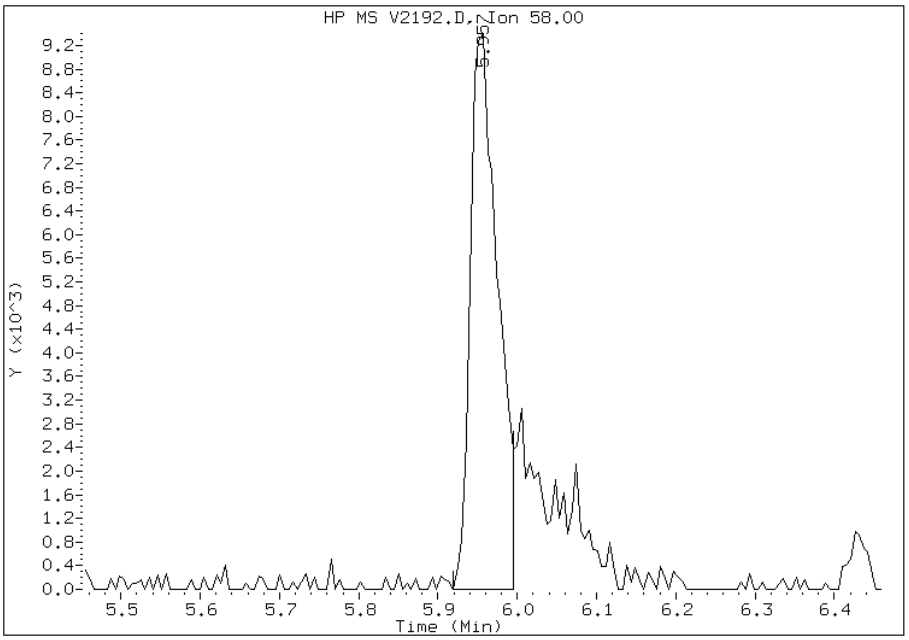
Processing Integration Results

RT: 5.96

Response: 22519

Amount: 471

Conc: 471



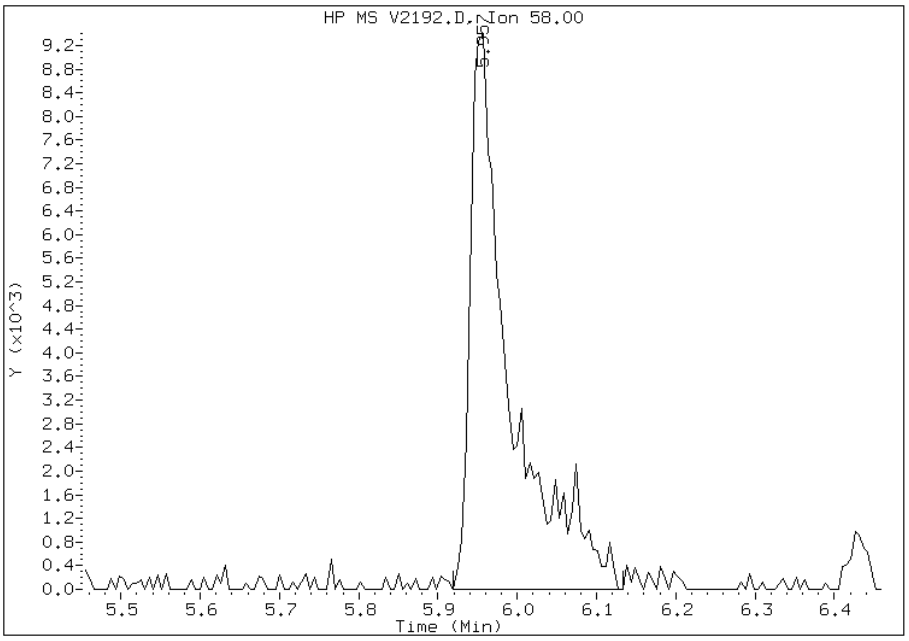
Manual Integration Results

RT: 5.96

Response: 32888

Amount: 579

Conc: 579



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

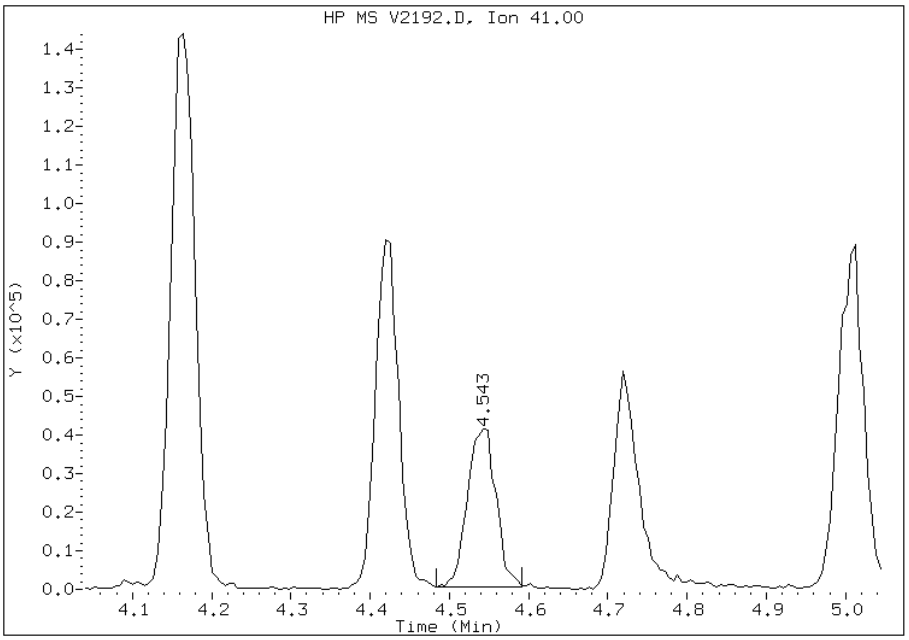
Processing Integration Results

RT: 4.54

Response: 102077

Amount: 24

Conc: 24



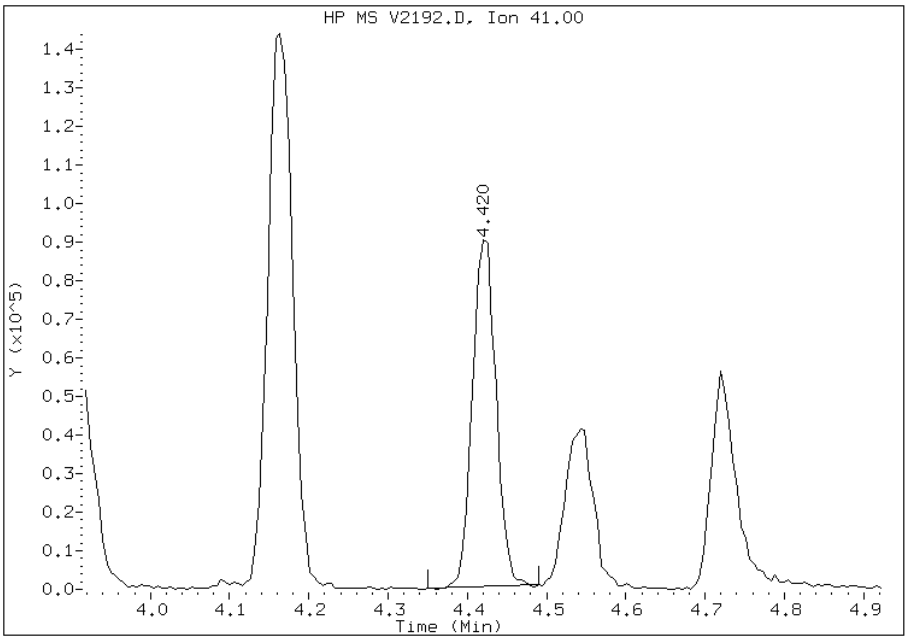
Manual Integration Results

RT: 4.42

Response: 182271

Amount: 48

Conc: 48



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

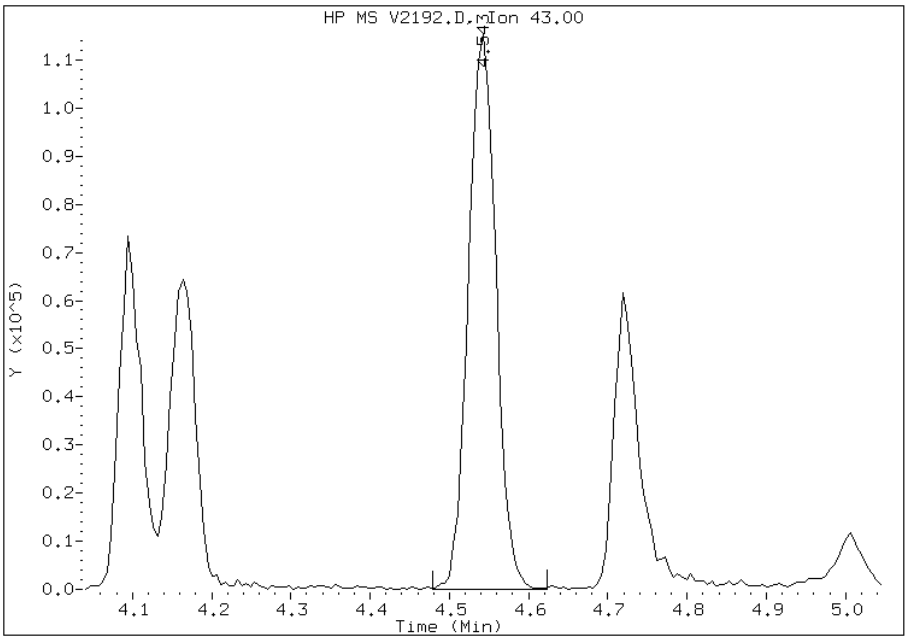
Processing Integration Results

RT: 4.54

Response: 277383

Amount: 51

Conc: 51



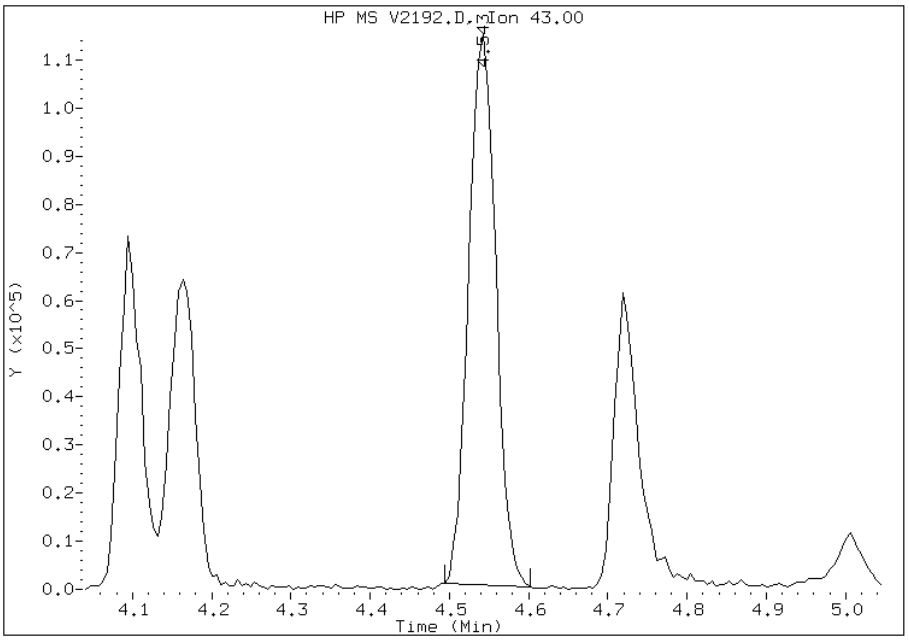
Manual Integration Results

RT: 4.54

Response: 270482

Amount: 48

Conc: 48



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

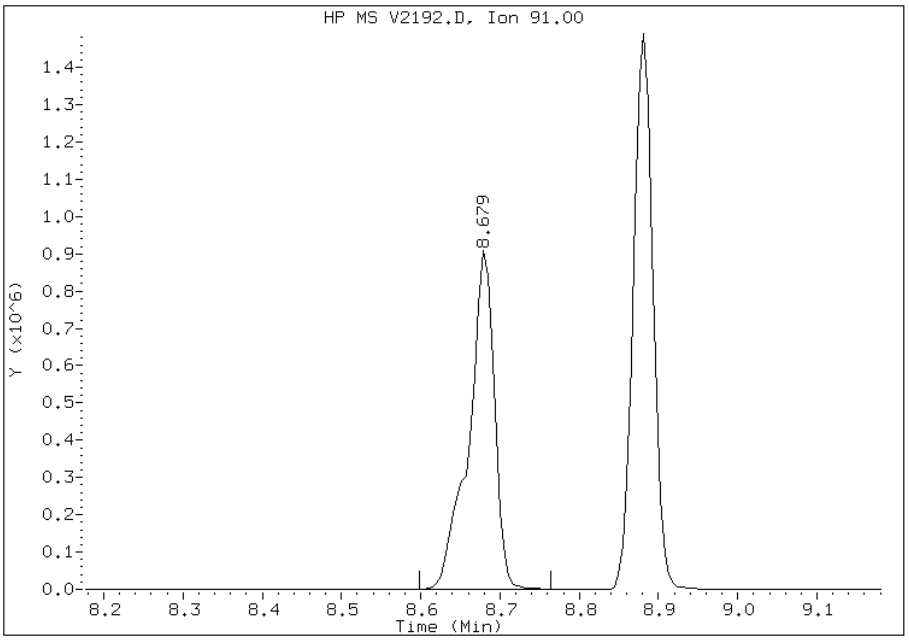
Processing Integration Results

RT: 8.68

Response: 2016934

Amount: 149

Conc: 149



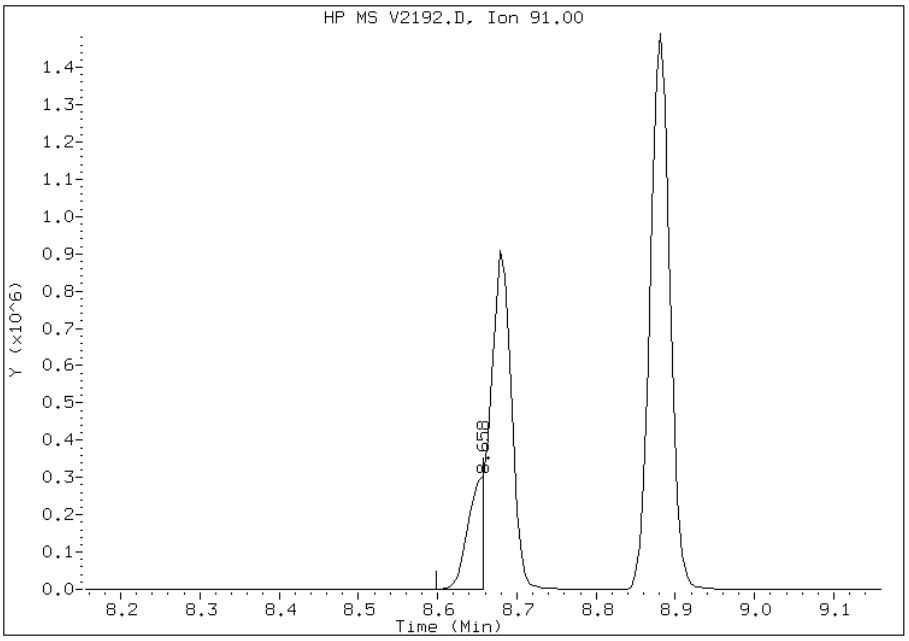
Manual Integration Results

RT: 8.66

Response: 430414

Amount: 40

Conc: 40



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2192.D
Inj. Date and Time: 13-JUL-2011 14:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

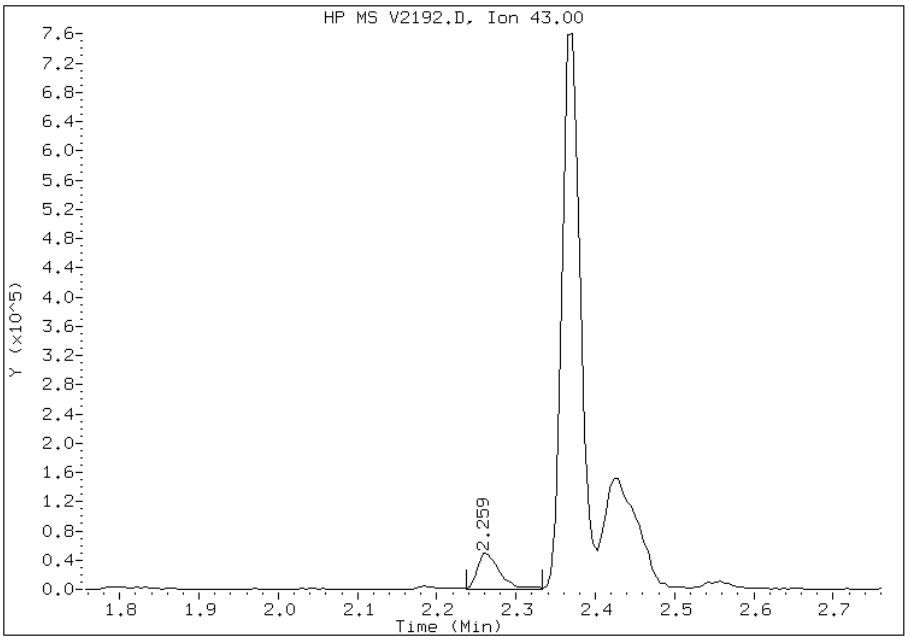
Processing Integration Results

RT: 2.26

Response: 94206

Amount: 44

Conc: 44



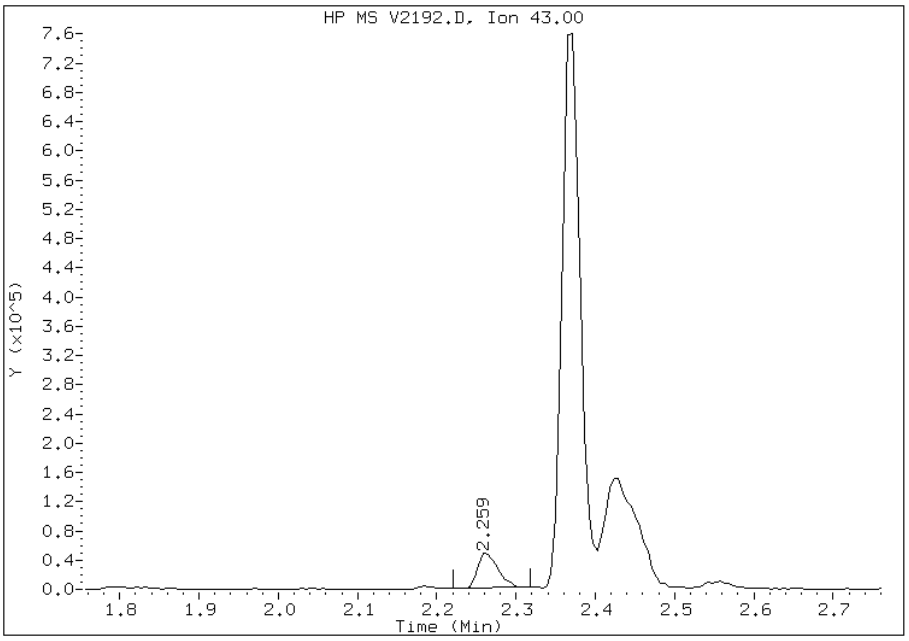
Manual Integration Results

RT: 2.26

Response: 81294

Amount: 42

Conc: 42



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2193.D
Lab Smp Id: ICIS Client Smp ID: ICIS
Inj Date : 13-JUL-2011 15:25 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : ICIS
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 14:58 Cal File: V2192.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	679987	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	125252	20.0000	21
3	Chloromethane	50	1.089	1.089	(0.225)	119895	20.0000	19
4	Vinyl Chloride	62	1.132	1.132	(0.234)	126083	20.0000	20
5	Bromomethane	94	1.324	1.324	(0.274)	67934	20.0000	20
6	Chloroethane	64	1.393	1.393	(0.288)	60994	20.0000	23
7	Trichlorofluoromethane	101	1.479	1.479	(0.306)	244237	20.0000	20
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	200210	20.0000	21
9	Ethyl Ether	45	1.676	1.676	(0.347)	68147	20.0000	21
10	Ethanol	45	1.730	1.730	(0.358)	41827	200.000	210
12	Freon 123	67	1.842	1.842	(0.381)	28157	20.0000	21
13	Trichlorotrifluoroethane	101	1.831	1.831	(0.379)	127593	20.0000	20
14	1,1-Dichloroethene	96	1.799	1.799	(0.372)	102932	20.0000	20
15	Carbon Disulfide	76	1.820	1.820	(0.377)	405172	20.0000	21
16	Iodomethane	142	1.900	1.900	(0.393)	145560	20.0000	21
17	Acrolein	56	2.034	2.034	(0.421)	95291	100.000	98
18	2-Propanol	45	2.178	2.178	(0.450)	15607	20.0000	10
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	165511	20.0000	19
20	Methylene Chloride	84	2.221	2.221	(0.459)	145254	20.0000	23
21	Acetone	43	2.258	2.258	(0.467)	31681	20.0000	17
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	130294	20.0000	21
23	Methyl Acetate	43	2.370	2.370	(0.490)	501595	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	396800	20.0000	19
	25 tert-Butyl alcohol	59	2.546	2.546	(0.527)	79248	100.000	96
	26 Acetonitrile	41	2.648	2.648	(0.548)	136503	200.000	180
	27 Isopropyl ether	45	2.808	2.808	(0.581)	381367	20.0000	20
	28 tert-Butyl ethyl ether	59	3.187	3.187	(0.659)	405270	20.0000	19
	29 2-Chloro-1,3-Butadiene	88	2.882	2.882	(0.596)	116074	20.0000	19
	30 Acrylonitrile	53	2.946	2.946	(0.609)	101669	40.0000	39
	31 1,1-Dichloroethane	63	2.904	2.904	(0.601)	229379	20.0000	20
	32 Vinyl Acetate	43	3.187	3.187	(0.659)	288013	20.0000	18
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	148086	20.0000	20
	34 2,2-Dichloropropane	77	3.566	3.566	(0.737)	205661	20.0000	19
	35 Bromochloromethane	128	3.662	3.662	(0.757)	78507	20.0000	20
	37 Cyclohexane	84	3.662	3.662	(0.757)	181127	20.0000	20
	38 Chloroform	83	3.763	3.763	(0.778)	258413	20.0000	20
	39 Ethyl Acetate	43	3.912	3.912	(0.809)	29940	40.0000	44(M)
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	124385	20.0000	19
$	41 Dibromofluoromethane	111	3.950	3.950	(0.817)	155341	20.0000	20
	42 Tetrahydrofuran	42	3.912	3.912	(0.809)	79454	40.0000	36
	43 Carbon Tetrachloride	117	3.891	3.891	(0.805)	223773	20.0000	20
	44 1,1,1-Trichloroethane	97	3.960	3.960	(0.819)	239781	20.0000	19
	45 2-Butanone	43	4.094	4.094	(0.847)	58675	20.0000	18
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	183922	20.0000	19
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	376573	20.0000	19
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	246780	20.0000	20
	50 Heptane	43	4.542	4.542	(0.939)	106646	20.0000	18(M)
	51 Propionitrile	54	4.393	4.393	(0.908)	194150	200.000	200
	52 Benzene	78	4.366	4.366	(0.903)	540185	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.419	4.419	(0.914)	72377	20.0000	18(M)
	54 Isobutyl alcohol	42	4.724	4.724	(0.977)	32647	200.000	190
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	177447	20.0000	19
	56 1,2-Dichloroethane	62	4.590	4.590	(0.949)	190970	20.0000	19
	59 Methyl Cyclohexane	83	5.006	5.006	(1.035)	227286	20.0000	19
	60 Trichloroethene	130	5.028	5.028	(1.040)	159636	20.0000	21
	63 Dibromomethane	93	5.487	5.487	(1.135)	101576	20.0000	19
	64 1,2-Dichloropropane	63	5.610	5.610	(1.160)	138896	20.0000	20
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	199523	20.0000	19
	66 Methyl Methacrylate	69	5.956	5.956	(1.232)	107583	20.0000	20
	67 1,4-Dioxane	58	5.956	5.956	(1.232)	11919	200.000	49(M)
	69 2-Chloroethylvinylether	63	6.437	6.437	(1.331)	88443	20.0000	19
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	231456	20.0000	19
	71 Chloroacetonitrile	48	6.944	6.944	(1.436)	47733	200.000	190
	72 2-Nitropropane	41	7.013	7.013	(1.450)	64876	40.0000	36
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	223342	20.0000	19
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	130949	20.0000	19
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	494648	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	612964	20.0000	21
$	77 Toluene-d8	98	6.677	6.677	(0.778)	532796	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.029	7.029	(0.820)	330039	100.000	98
	79 4-Methyl-2-Pentanone	43	7.237	7.237	(0.844)	123227	20.0000	20
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	134855	20.0000	21
	81 Ethyl Methacrylate	69	7.542	7.542	(0.879)	162277	20.0000	19
	82 Dibromochloromethane	129	7.654	7.654	(0.892)	181270	20.0000	20
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	221270	20.0000	21
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	150786	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.305	8.305	(0.968)	81718	20.0000	19
87	1-Chlorohexane	91	8.657	8.657	(1.009)	166172	20.0000	29(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	388838	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	8.700	8.700	(1.014)	165419	20.0000	21
90	Ethylbenzene	106	8.678	8.678	(1.012)	217869	20.0000	20
91	Xylene (total)mp	106	8.881	8.881	(1.035)	535050	40.0000	40
92	Xylene (total)o	106	9.399	9.399	(1.096)	240028	20.0000	19
93	Styrene	104	9.463	9.463	(1.103)	413296	20.0000	19
94	Bromoform	173	9.452	9.452	(1.102)	139794	20.0000	21
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	273776	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	583064	20.0000	21
97	Bromobenzene	156	10.098	10.098	(0.915)	187226	20.0000	22
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	172627	20.0000	22
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	637538	20.0000	21
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	52936	20.0000	22
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.944)	95436	40.0000	43
102	n-Propylbenzene	91	10.183	10.183	(0.923)	742097	20.0000	21
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	523973	20.0000	21
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	500116	20.0000	22
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	561192	20.0000	22
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	462358	20.0000	21
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	566393	20.0000	21
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	678798	20.0000	21
109	4-Isopropyltoluene	119	10.952	10.952	(0.993)	578288	20.0000	21
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	340272	20.0000	21
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	343567	20.0000	21
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	329388	20.0000	21
113	Benzyl Chloride	126	11.256	11.256	(1.020)	70099	20.0000	20
114	1,4-Diethylbenzene	119	11.251	11.251	(1.020)	279858	20.0000	19
115	n-Butylbenzene	91	11.288	11.288	(1.023)	548784	20.0000	21
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	536463	20.0000	19
119	1,2-Dibromo-3-chloropropane	75	11.992	11.992	(1.087)	37458	20.0000	20
120	Nitrobenzene	77	12.398	12.398	(1.124)	181857	200.000	130
121	1,2,4-Trichlorobenzene	180	12.494	12.494	(1.133)	269688	20.0000	20
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	130912	20.0000	22
123	Naphthalene	128	12.718	12.718	(1.153)	611207	20.0000	20
124	1,2,3-Trichlorobenzene	180	12.846	12.846	(1.164)	261096	20.0000	21
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	188991	20.0000	21
M 126	1,2-Dichloroethene (total)	100				278380	40.0000	41
M 127	Xylene (total)	100				775078	60.0000	59

QC Flag Legend

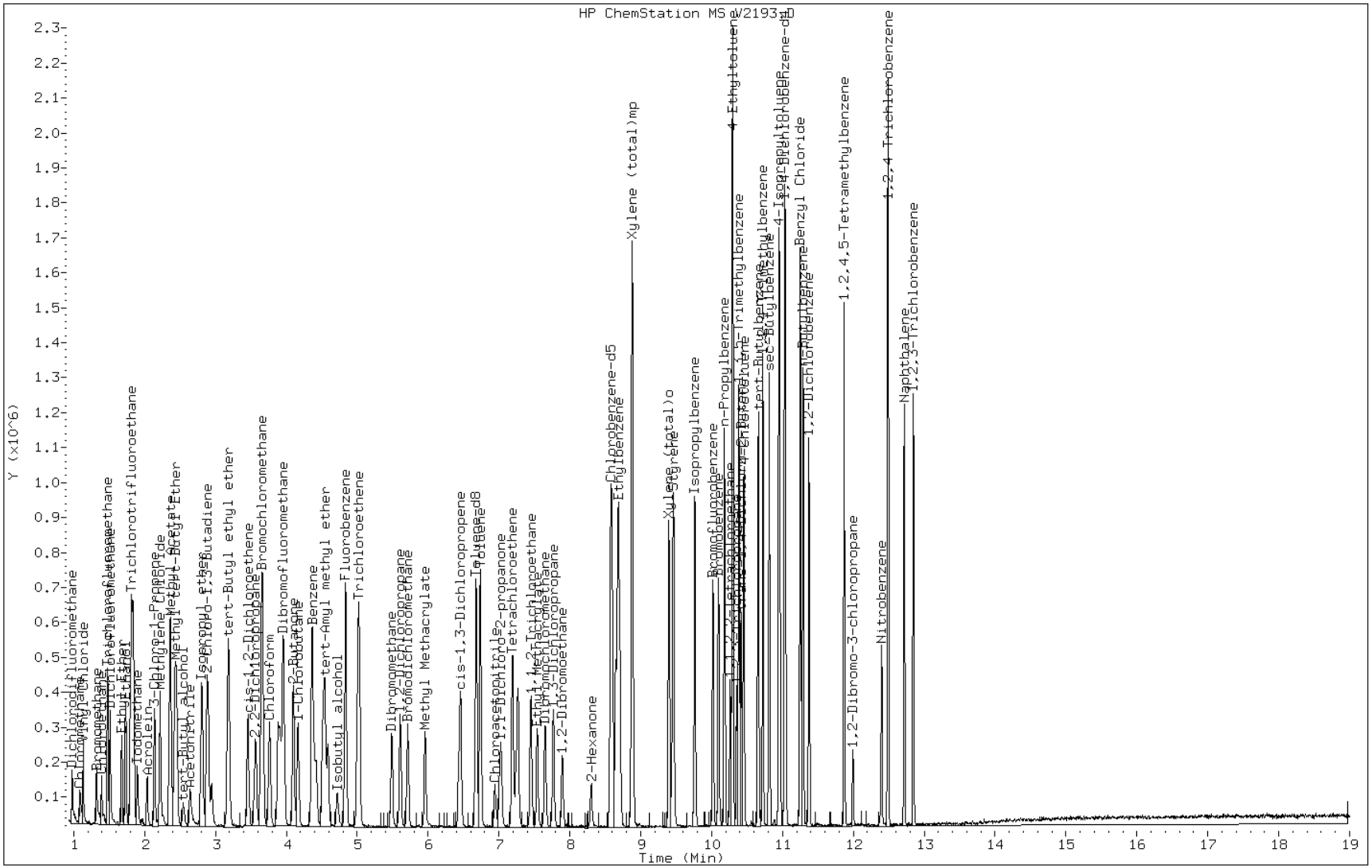
M - Compound response manually integrated.

Data File: V2193.D

Date: 13-JUL-2011 15:25

Client ID: ICIS Instrument: msv.i

Sample Info: ICIS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

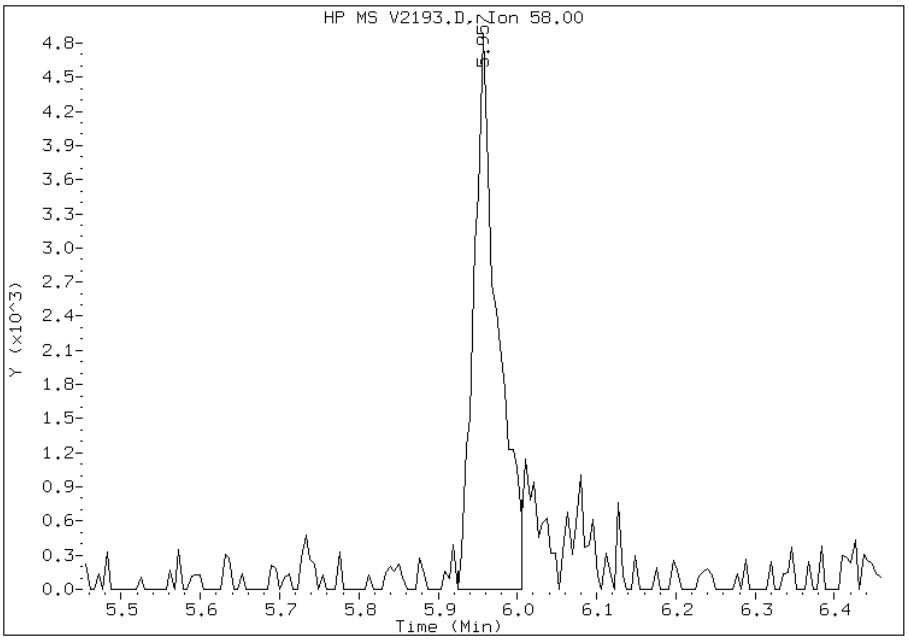
Processing Integration Results

RT: 5.96

Response: 10027

Amount: 168

Conc: 168



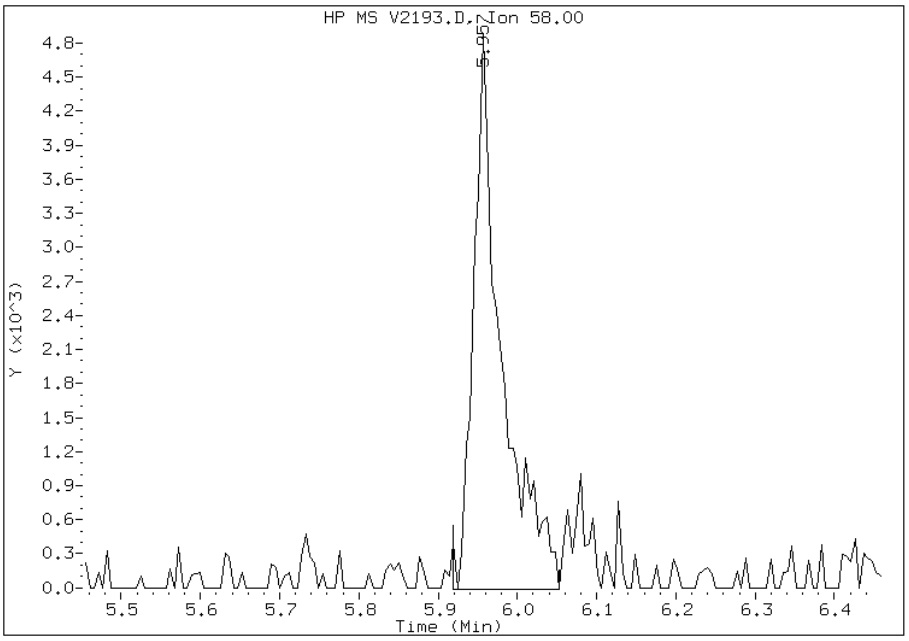
Manual Integration Results

RT: 5.96

Response: 11919

Amount: 49

Conc: 49



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

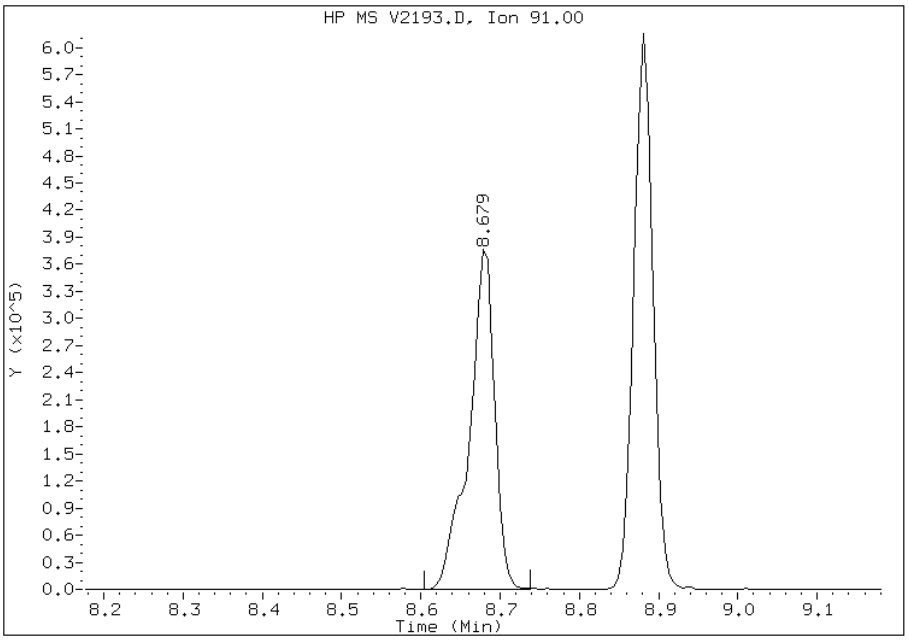
Processing Integration Results

RT: 8.68

Response: 830054

Amount: 41

Conc: 41



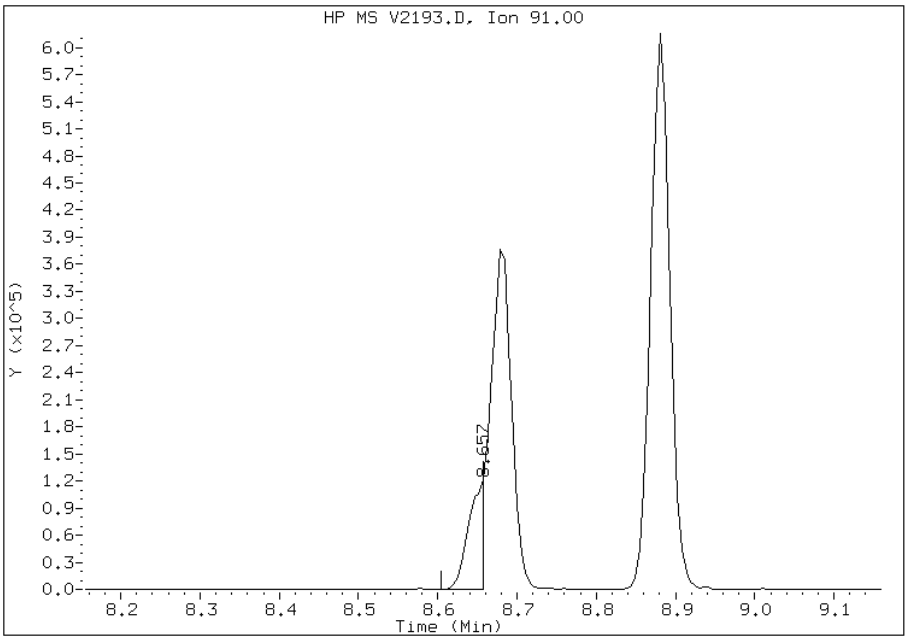
Manual Integration Results

RT: 8.66

Response: 166172

Amount: 29

Conc: 29



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

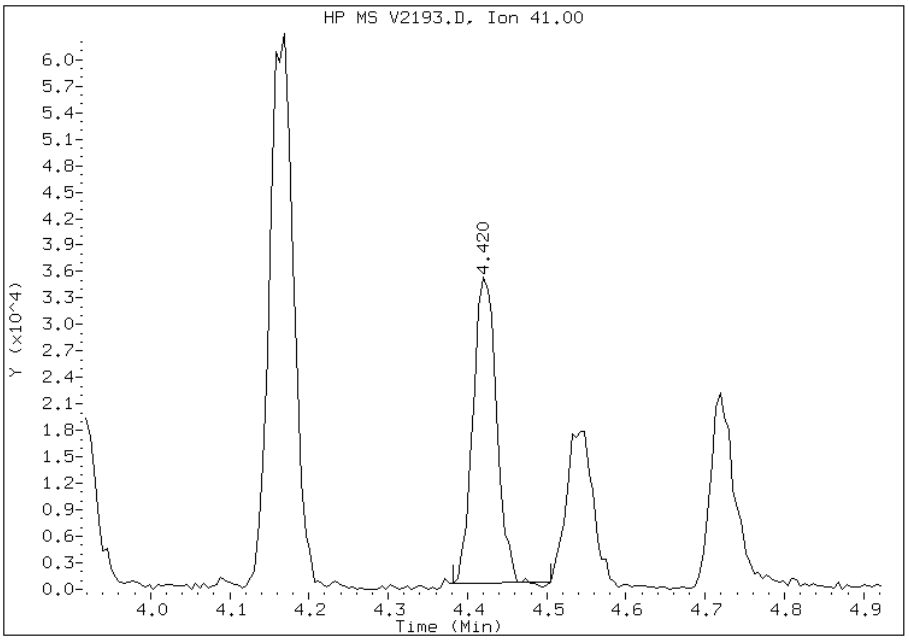
Processing Integration Results

RT: 4.42

Response: 69656

Amount: 18

Conc: 18



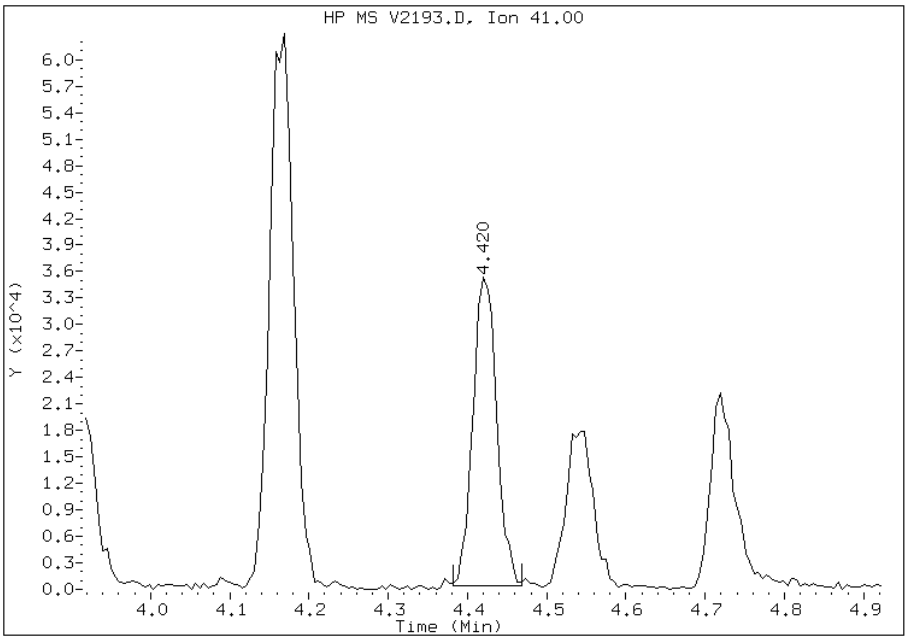
Manual Integration Results

RT: 4.42

Response: 72377

Amount: 19

Conc: 19



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

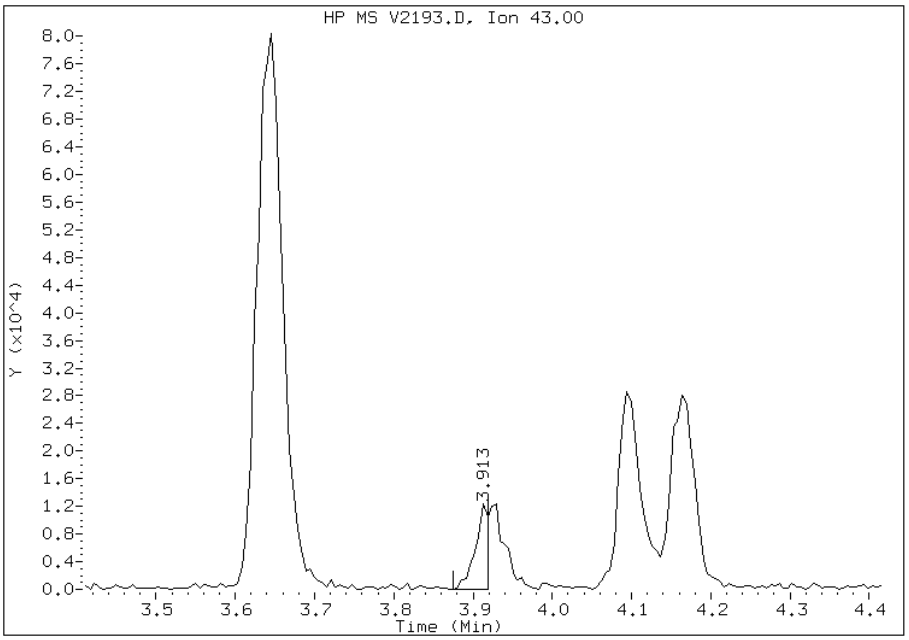
Processing Integration Results

RT: 3.91

Response: 13662

Amount: 21

Conc: 21



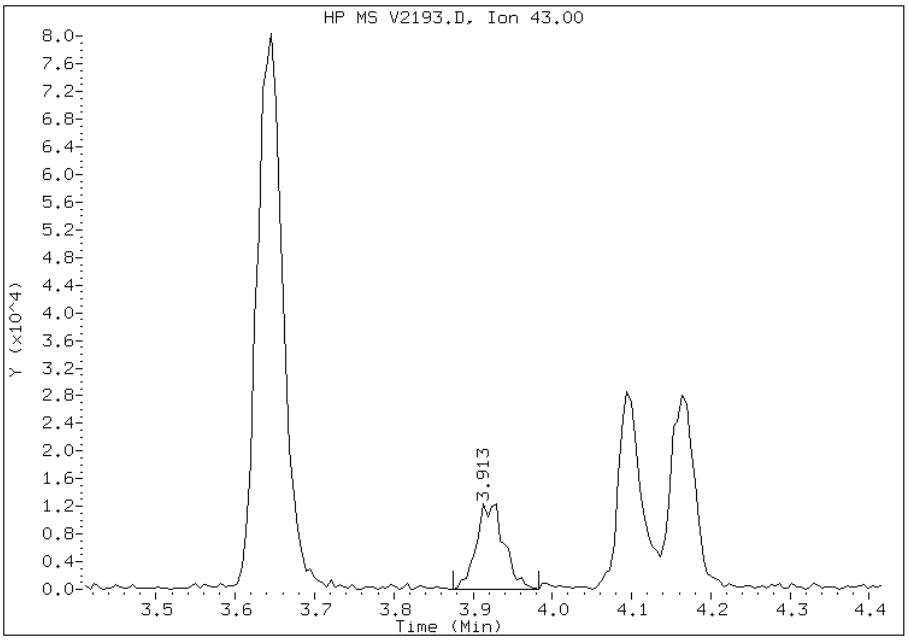
Manual Integration Results

RT: 3.91

Response: 29940

Amount: 44

Conc: 44



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2193.D
Inj. Date and Time: 13-JUL-2011 15:25
Instrument ID: msv.i
Client ID: ICIS
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

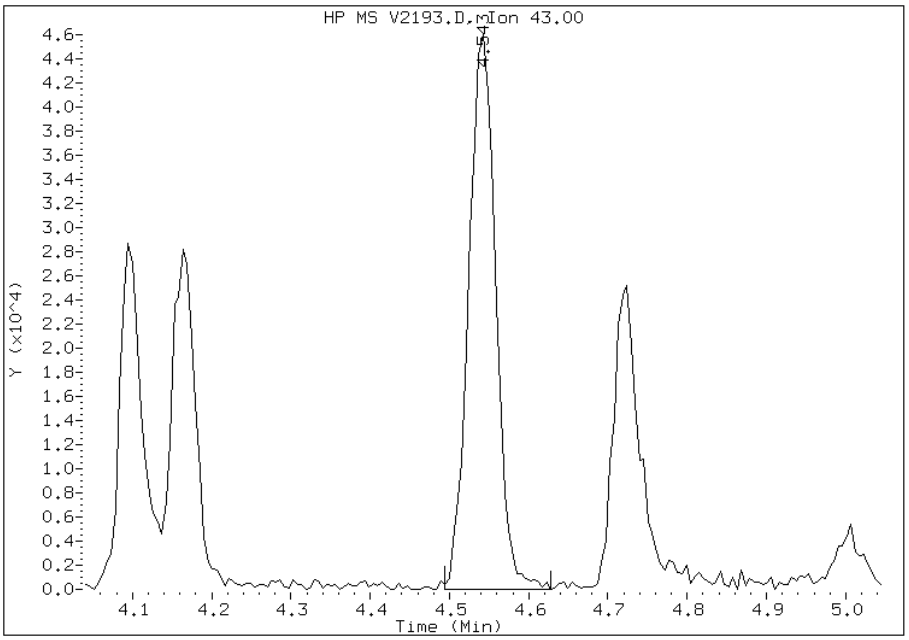
Processing Integration Results

RT: 4.54

Response: 108664

Amount: 19

Conc: 19



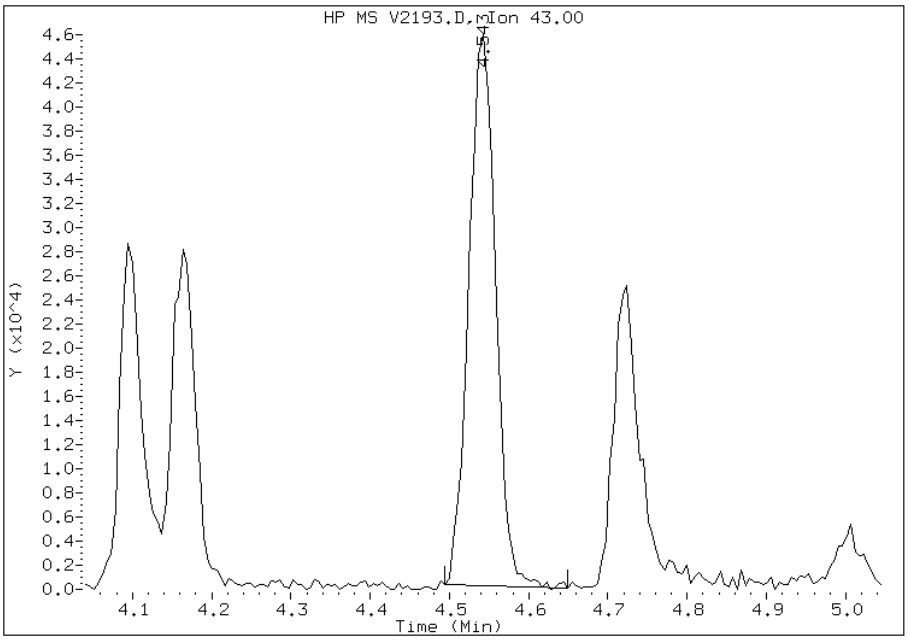
Manual Integration Results

RT: 4.54

Response: 106646

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2194.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 13-JUL-2011 15:53 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;5
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 15:25 Cal File: V2193.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	656559	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	25816	5.00000	4
3	Chloromethane	50	1.089	1.089	(0.225)	27028	5.00000	4
4	Vinyl Chloride	62	1.132	1.132	(0.234)	26754	5.00000	4
5	Bromomethane	94	1.324	1.324	(0.274)	17093	5.00000	5
6	Chloroethane	64	1.393	1.393	(0.288)	15215	5.00000	6
7	Trichlorofluoromethane	101	1.479	1.479	(0.306)	55658	5.00000	5
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	45685	5.00000	5
9	Ethyl Ether	45	1.682	1.682	(0.348)	16958	5.00000	5
10	Ethanol	45	1.735	1.735	(0.359)	8166	50.0000	54
12	Freon 123	67	1.852	1.852	(0.383)	5882	5.00000	4(M)
13	Trichlorotrifluoroethane	101	1.836	1.836	(0.380)	27460	5.00000	4
14	1,1-Dichloroethene	96	1.804	1.804	(0.373)	22966	5.00000	5
15	Carbon Disulfide	76	1.820	1.820	(0.376)	84987	5.00000	4
16	Iodomethane	142	1.900	1.900	(0.393)	31029	5.00000	7
17	Acrolein	56	2.044	2.044	(0.423)	21692	25.0000	23
18	2-Propanol	45	2.445	2.445	(0.506)	3043	5.00000	2
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	38093	5.00000	5
20	Methylene Chloride	84	2.221	2.221	(0.459)	44065	5.00000	7
21	Acetone	43	2.263	2.263	(0.468)	9085	5.00000	5
22	trans-1,2-Dichloroethene	96	2.354	2.354	(0.487)	27794	5.00000	4
23	Methyl Acetate	43	2.370	2.370	(0.490)	113731	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	93603	5.00000	5
	25 tert-Butyl alcohol	59	2.541	2.541	(0.525)	19418	25.0000	25(M)
	26 Acetonitrile	41	2.642	2.642	(0.546)	29507	50.0000	42
	27 Isopropyl ether	45	2.808	2.808	(0.581)	83809	5.00000	4
	28 tert-Butyl ethyl ether	59	3.187	3.187	(0.659)	86626	5.00000	4
	29 2-Chloro-1,3-Butadiene	88	2.882	2.882	(0.596)	24737	5.00000	4
	30 Acrylonitrile	53	2.941	2.941	(0.608)	21807	10.0000	9
	31 1,1-Dichloroethane	63	2.904	2.904	(0.601)	53002	5.00000	5
	32 Vinyl Acetate	43	3.187	3.187	(0.659)	61436	5.00000	4
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	33565	5.00000	5
	34 2,2-Dichloropropane	77	3.571	3.571	(0.738)	43612	5.00000	4
	35 Bromochloromethane	128	3.662	3.662	(0.757)	18245	5.00000	5
	37 Cyclohexane	84	3.662	3.662	(0.757)	35912	5.00000	4
	38 Chloroform	83	3.758	3.758	(0.777)	59957	5.00000	5
	39 Ethyl Acetate	43	3.923	3.923	(0.811)	6731	10.0000	14(M)
	40 Methyl Acrylate	55	3.923	3.923	(0.811)	27455	5.00000	4
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	33551	5.00000	4
	42 Tetrahydrofuran	42	3.918	3.918	(0.810)	17577	10.0000	9
	43 Carbon Tetrachloride	117	3.896	3.896	(0.806)	51012	5.00000	5
	44 1,1,1-Trichloroethane	97	3.960	3.960	(0.819)	55141	5.00000	4
	45 2-Butanone	43	4.099	4.099	(0.848)	13673	5.00000	4(M)
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	41904	5.00000	4
	47 tert-Amyl methyl ether	73	4.537	4.537	(0.938)	81213	5.00000	4
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	52407	5.00000	4
	50 Heptane	43	4.547	4.547	(0.940)	23254	5.00000	4(MH)
	51 Propionitrile	54	4.393	4.393	(0.908)	45561	50.0000	48
	52 Benzene	78	4.366	4.366	(0.903)	117875	5.00000	4
	53 2-Methyl-2-Propenenitrile	41	4.425	4.425	(0.915)	16292	5.00000	4
	54 Isobutyl alcohol	42	4.724	4.724	(0.977)	7236	50.0000	45
$	55 1,2-Dichloroethane-d4	65	4.505	4.505	(0.932)	42040	5.00000	5
	56 1,2-Dichloroethane	62	4.590	4.590	(0.949)	45930	5.00000	5
	59 Methyl Cyclohexane	83	5.012	5.012	(1.036)	46087	5.00000	4
	60 Trichloroethene	130	5.033	5.033	(1.041)	34476	5.00000	4
	63 Dibromomethane	93	5.481	5.481	(1.134)	22133	5.00000	4
	64 1,2-Dichloropropane	63	5.610	5.610	(1.160)	32316	5.00000	5(T)
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	44425	5.00000	4
	66 Methyl Methacrylate	69	5.962	5.962	(1.233)	21203	5.00000	6
	67 1,4-Dioxane	58	5.962	5.962	(1.233)	3410	50.0000	31(M)
	69 2-Chloroethylvinylether	63	6.437	6.437	(1.331)	17384	5.00000	4
	70 cis-1,3-Dichloropropene	75	6.463	6.463	(1.337)	49367	5.00000	4
	71 Chloroacetonitrile	48	6.949	6.949	(1.437)	9981	50.0000	42
	72 2-Nitropropane	41	7.008	7.008	(1.449)	16361	10.0000	10
	73 trans-1,3-Dichloropropene	75	7.264	7.264	(1.502)	50432	5.00000	4
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	30517	5.00000	5
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	481453	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	122566	5.00000	4
$	77 Toluene-d8	98	6.677	6.677	(0.778)	114338	5.00000	4
	78 1,1-Dichloro-2-propanone	43	7.029	7.029	(0.820)	76097	25.0000	23
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	24381	5.00000	4
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	30305	5.00000	5
	81 Ethyl Methacrylate	69	7.536	7.536	(0.879)	32016	5.00000	4
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	40853	5.00000	5
	83 1,3-Dichloropropane	76	7.771	7.771	(0.906)	47759	5.00000	4
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	33280	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.305	8.305	(0.968)	17292	5.00000	4
87	1-Chlorohexane	91	8.652	8.652	(1.009)	23589	5.00000	11(MH)
88	Chlorobenzene	112	8.598	8.598	(1.002)	85141	5.00000	4
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	35041	5.00000	4
90	Ethylbenzene	106	8.678	8.678	(1.012)	45301	5.00000	4
91	Xylene (total)mp	106	8.881	8.881	(1.035)	102402	10.0000	8
92	Xylene (total)o	106	9.399	9.399	(1.096)	51420	5.00000	4
93	Styrene	104	9.463	9.463	(1.103)	85368	5.00000	4
94	Bromoform	173	9.447	9.447	(1.101)	31111	5.00000	5
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	274899	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	113774	5.00000	4
97	Bromobenzene	156	10.098	10.098	(0.915)	41222	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	38815	5.00000	5
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	126879	5.00000	4
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	11815	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.944)	20879	10.0000	9
102	n-Propylbenzene	91	10.183	10.183	(0.923)	144985	5.00000	4
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	113385	5.00000	4
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	106309	5.00000	4
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	110786	5.00000	4
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	96363	5.00000	4
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	111864	5.00000	4
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	133092	5.00000	4
109	4-Isopropyltoluene	119	10.946	10.946	(0.992)	110439	5.00000	4
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	73630	5.00000	4
111	1,4-Dichlorobenzene	146	11.042	11.042	(1.001)	76522	5.00000	5
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	74518	5.00000	5
113	Benzyl Chloride	126	11.256	11.256	(1.020)	16668	5.00000	5
114	1,4-Diethylbenzene	119	11.245	11.245	(1.019)	57881	5.00000	4
115	n-Butylbenzene	91	11.288	11.288	(1.023)	109730	5.00000	4
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	106486	5.00000	4
119	1,2-Dibromo-3-chloropropane	75	11.987	11.987	(1.087)	9878	5.00000	5
120	Nitrobenzene	77	12.398	12.398	(1.124)	44868	50.0000	24
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.132)	66006	5.00000	5
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	30207	5.00000	5
123	Naphthalene	128	12.718	12.718	(1.153)	143260	5.00000	5
124	1,2,3-Trichlorobenzene	180	12.852	12.852	(1.165)	67173	5.00000	5
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	41165	5.00000	4
M 126	1,2-Dichloroethene (total)	100				61359	10.0000	9
M 127	Xylene (total)	100				153822	15.0000	12

QC Flag Legend

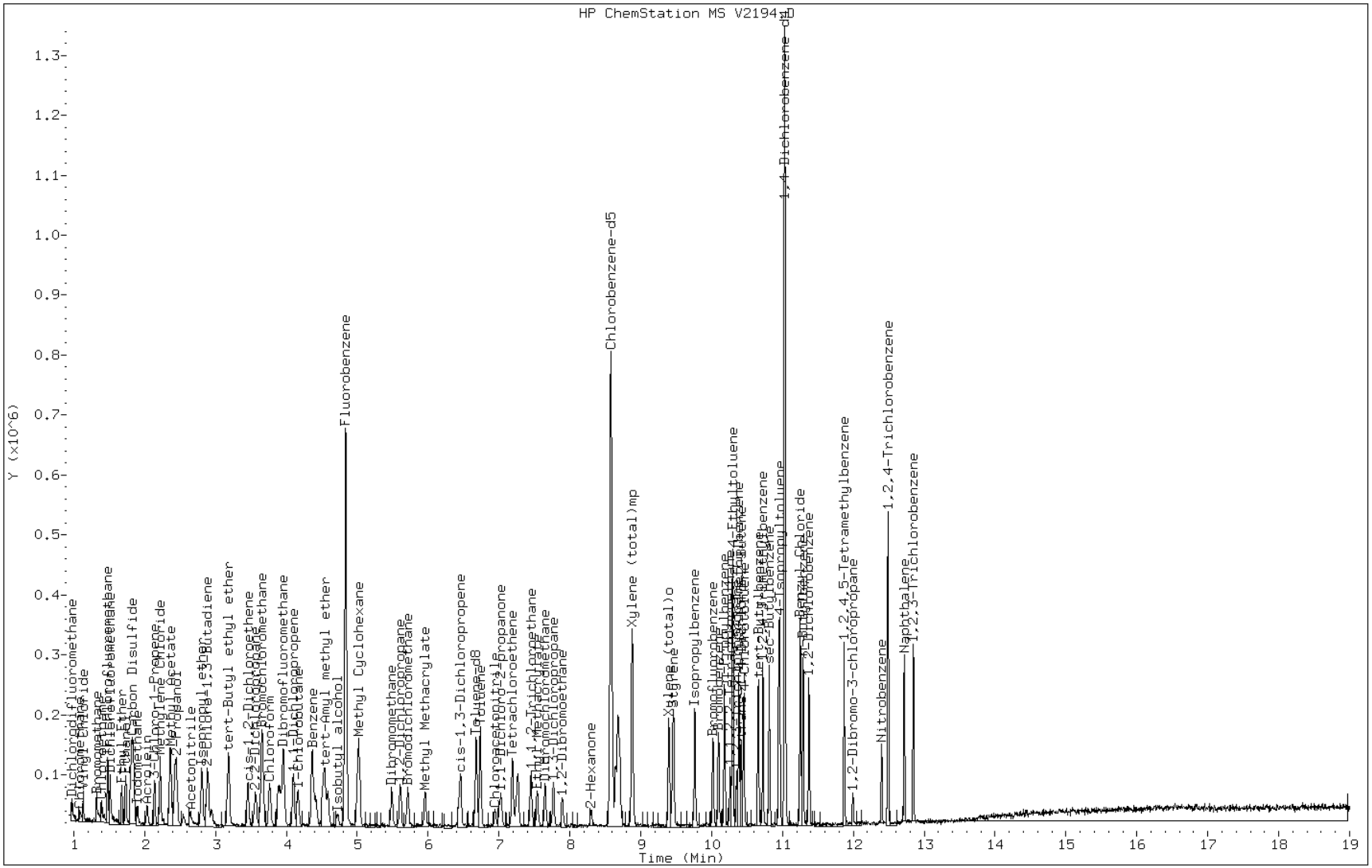
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V2194.D

Date: 13-JUL-2011 15:53

Client ID: IC;5 Instrument: msv.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 07/14/2011

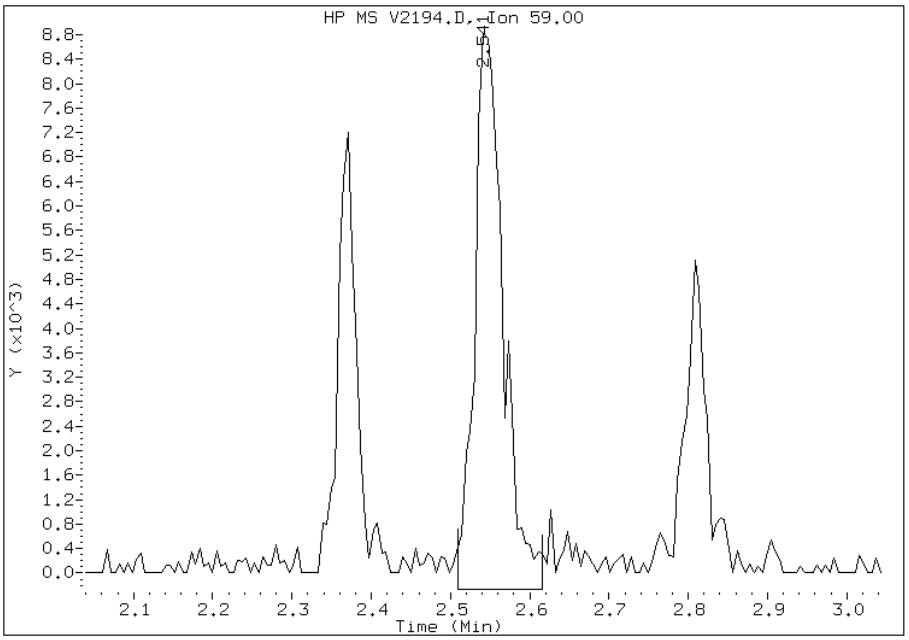
Processing Integration Results

RT: 2.54

Response: 22979

Amount: 28

Conc: 28



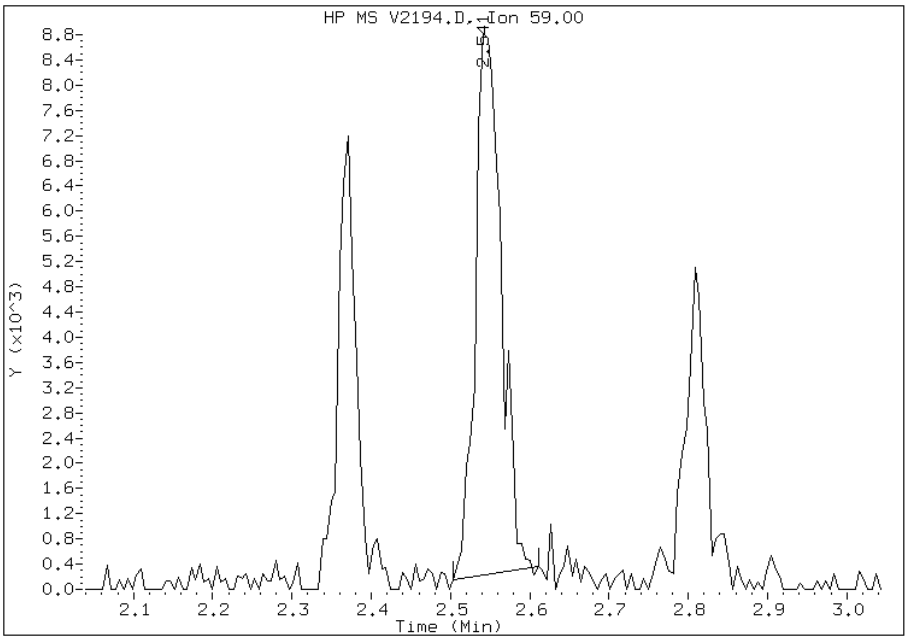
Manual Integration Results

RT: 2.54

Response: 19418

Amount: 25

Conc: 25



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

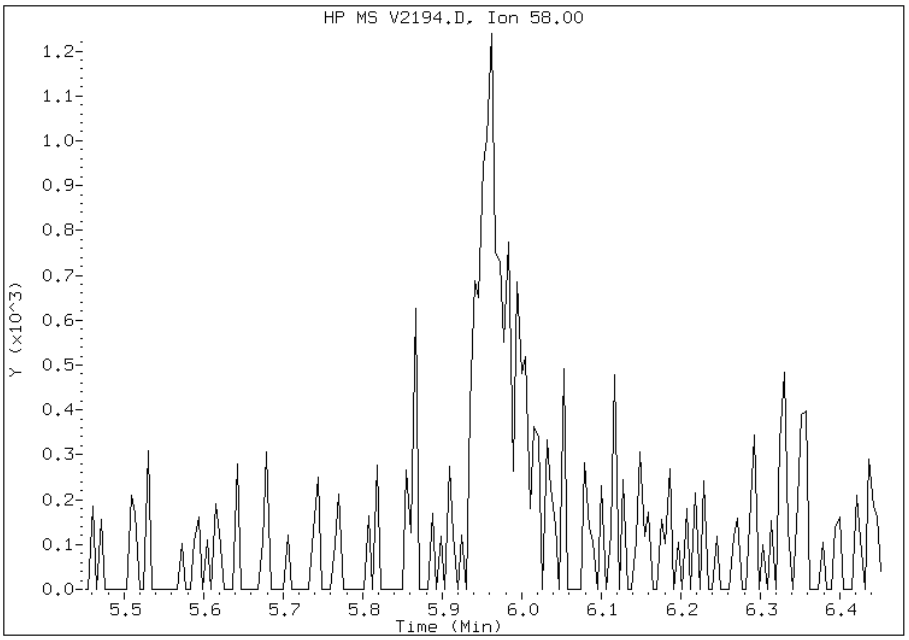
Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.95



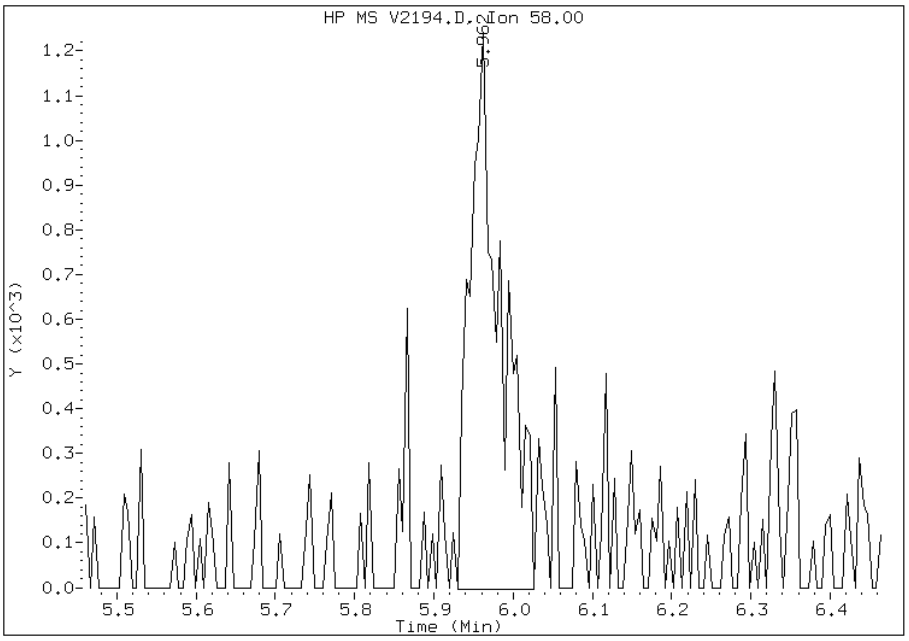
Manual Integration Results

RT: 5.96

Response: 3410

Amount: 31

Conc: 31



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 07/14/2011

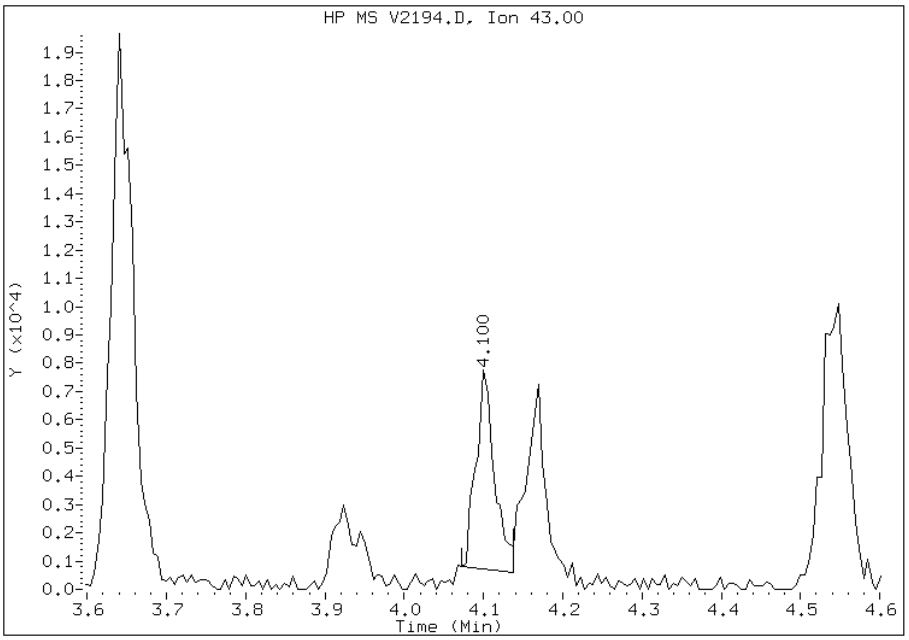
Processing Integration Results

RT: 4.10

Response: 11302

Amount: 4

Conc: 4



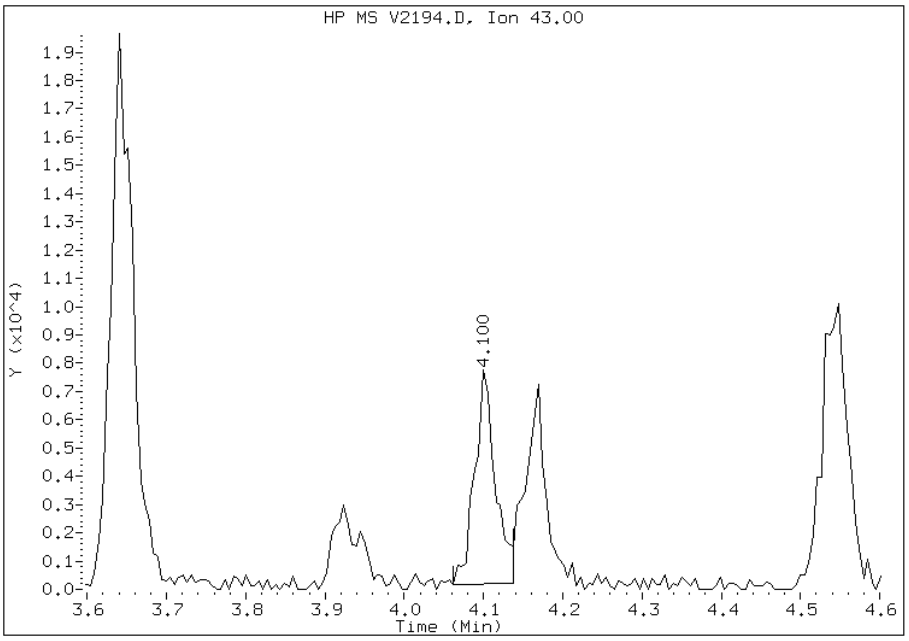
Manual Integration Results

RT: 4.10

Response: 13673

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

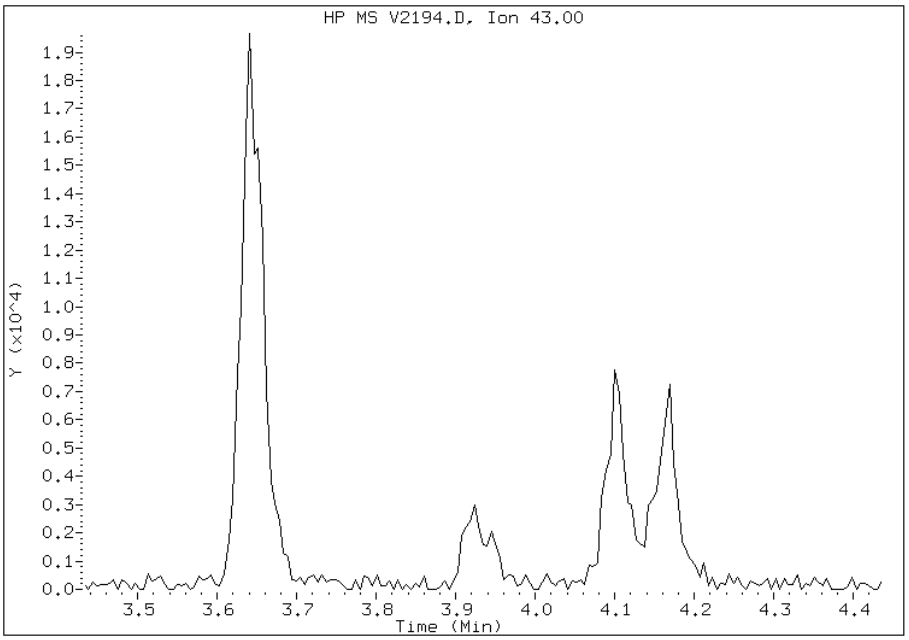
Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



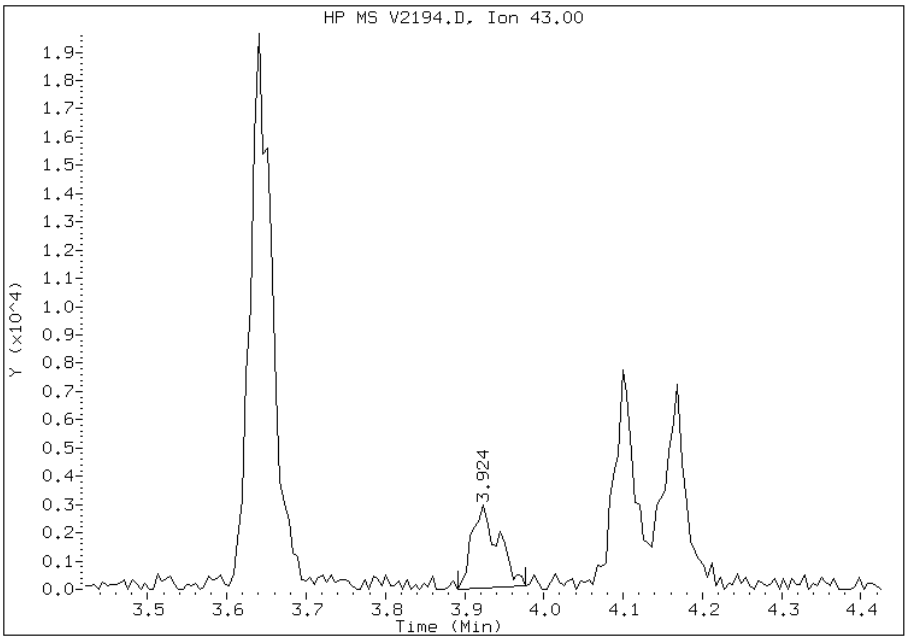
Manual Integration Results

RT: 3.92

Response: 6731

Amount: 14

Conc: 14



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

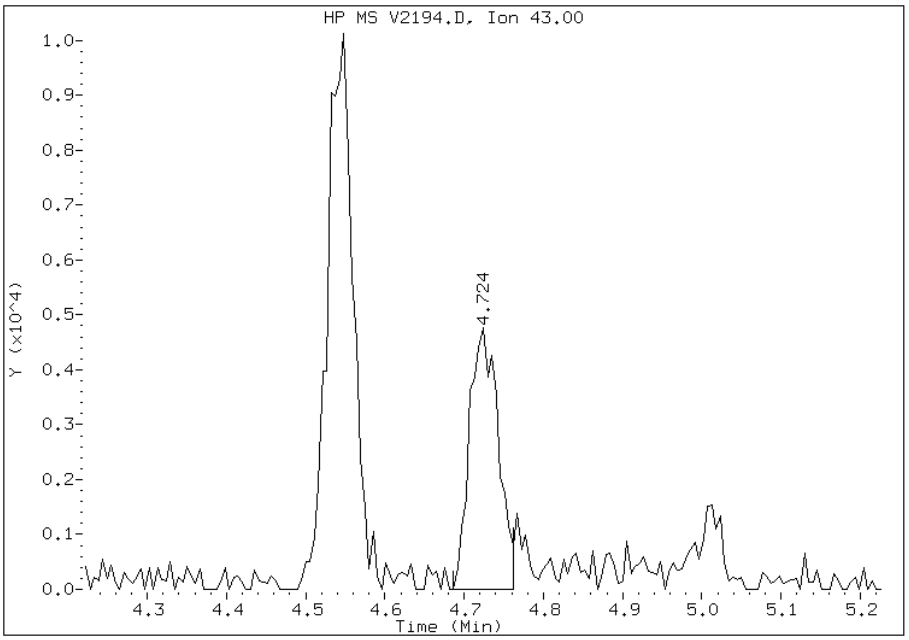
Processing Integration Results

RT: 4.72

Response: 11929

Amount: 2

Conc: 2



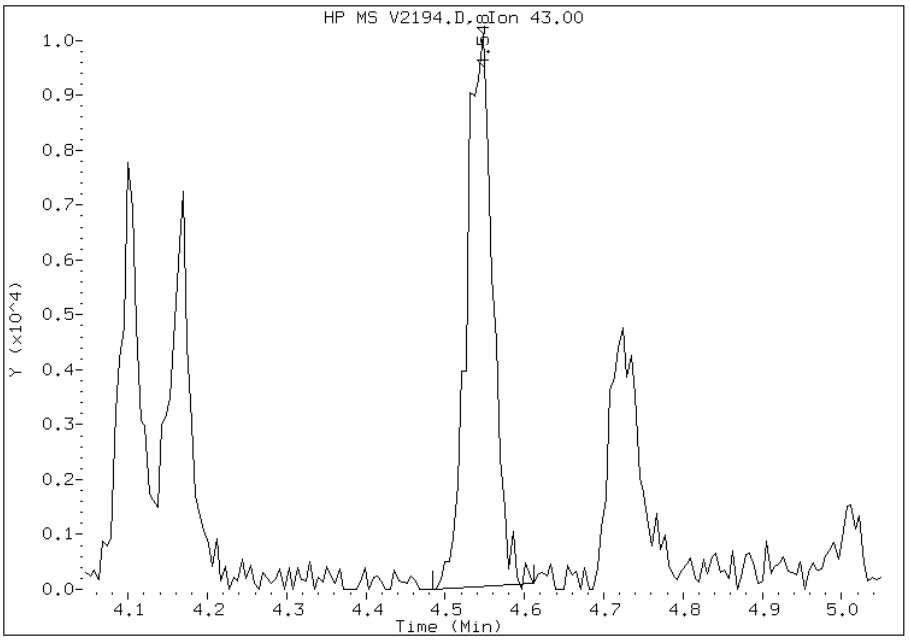
Manual Integration Results

RT: 4.55

Response: 23254

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2194.D
Inj. Date and Time: 13-JUL-2011 15:53
Instrument ID: msv.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

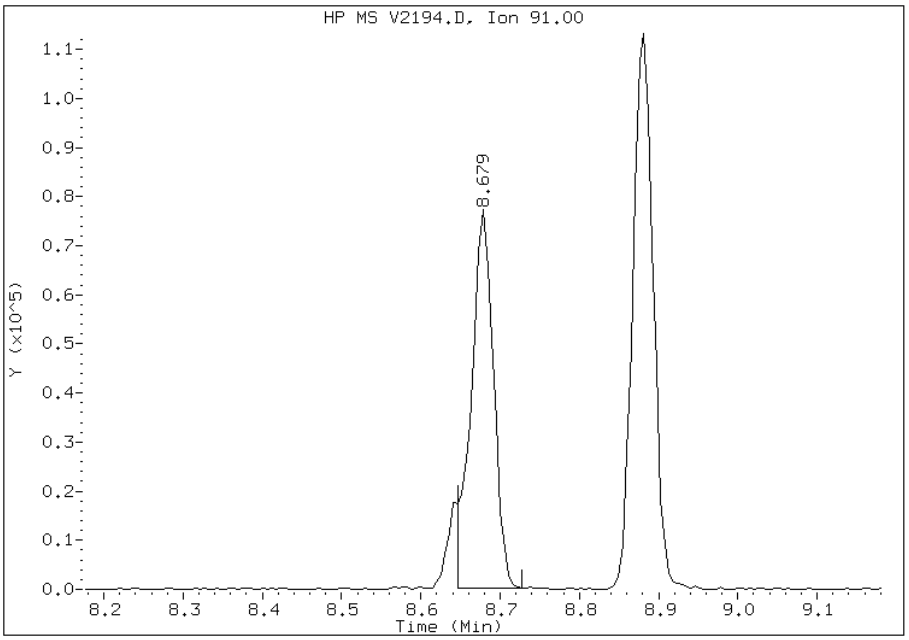
Processing Integration Results

RT: 8.68

Response: 151158

Amount: 11

Conc: 11



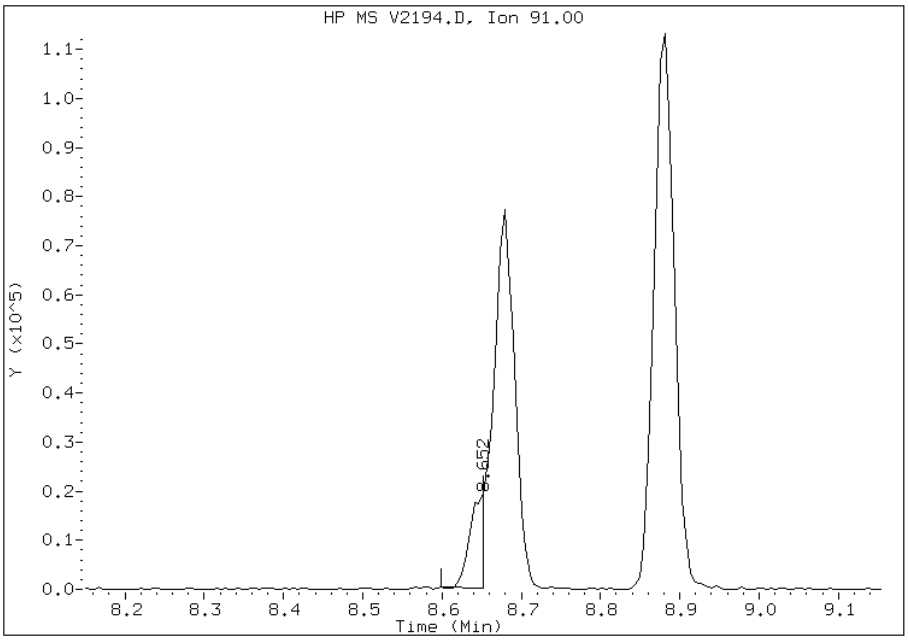
Manual Integration Results

RT: 8.65

Response: 23589

Amount: 11

Conc: 11



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2195.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 13-JUL-2011 16:20 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;2
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 15:53 Cal File: V2194.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	619400	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	11500	2.00000	2
3	Chloromethane	50	1.095	1.095	(0.226)	12230	2.00000	2
4	Vinyl Chloride	62	1.132	1.132	(0.234)	11286	2.00000	2
5	Bromomethane	94	1.319	1.319	(0.273)	7119	2.00000	2
6	Chloroethane	64	1.399	1.399	(0.289)	5932	2.00000	2
7	Trichlorofluoromethane	101	1.484	1.484	(0.307)	22927	2.00000	2
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	18013	2.00000	2(T)
9	Ethyl Ether	45	1.676	1.676	(0.347)	8328	2.00000	3
10	Ethanol	45	1.730	1.730	(0.358)	4672	20.0000	37(M)
12	Freon 123	67	1.847	1.847	(0.382)	2788	2.00000	2
13	Trichlorotrifluoroethane	101	1.831	1.831	(0.379)	11965	2.00000	2
14	1,1-Dichloroethene	96	1.804	1.804	(0.373)	8937	2.00000	2
15	Carbon Disulfide	76	1.820	1.820	(0.377)	37261	2.00000	2
16	Iodomethane	142	1.900	1.900	(0.393)	10264	2.00000	3
17	Acrolein	56	2.034	2.034	(0.421)	9319	10.0000	11
18	2-Propanol	45	2.183	2.183	(0.452)	1485	2.00000	2(M)
19	3-Chloro-1-Propene	41	2.146	2.146	(0.444)	16026	2.00000	2
20	Methylene Chloride	84	2.226	2.226	(0.460)	25289	2.00000	4
21	Acetone	43	2.263	2.263	(0.468)	5442	2.00000	3(M)
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	10607	2.00000	2
23	Methyl Acetate	43	2.370	2.370	(0.490)	49740	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	37588	2.00000	2
	25 tert-Butyl alcohol	59	2.541	2.541	(0.525)	7610	10.0000	10(M)
	26 Acetonitrile	41	2.653	2.653	(0.549)	10815	20.0000	17
	27 Isopropyl ether	45	2.813	2.813	(0.582)	33529	2.00000	2
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.658)	36085	2.00000	2
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	10338	2.00000	2
	30 Acrylonitrile	53	2.952	2.952	(0.610)	7591	4.00000	3
	31 1,1-Dichloroethane	63	2.898	2.898	(0.599)	20510	2.00000	2
	32 Vinyl Acetate	43	3.187	3.187	(0.659)	23840	2.00000	2
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	14998	2.00000	2
	34 2,2-Dichloropropane	77	3.571	3.571	(0.738)	18361	2.00000	2
	35 Bromochloromethane	128	3.662	3.662	(0.757)	6750	2.00000	2
	37 Cyclohexane	84	3.656	3.656	(0.756)	12876	2.00000	2
	38 Chloroform	83	3.763	3.763	(0.778)	25633	2.00000	2
	39 Ethyl Acetate	43	3.923	3.923	(0.811)	3115	4.00000	8(M)
	40 Methyl Acrylate	55	3.918	3.918	(0.810)	10084	2.00000	2
$	41 Dibromofluoromethane	111	3.950	3.950	(0.817)	13778	2.00000	2
	42 Tetrahydrofuran	42	3.923	3.923	(0.811)	7868	4.00000	4(M)
	43 Carbon Tetrachloride	117	3.886	3.886	(0.804)	22709	2.00000	2
	44 1,1,1-Trichloroethane	97	3.955	3.955	(0.818)	20924	2.00000	2
	45 2-Butanone	43	4.099	4.099	(0.848)	4658	2.00000	2(TM)
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	16054	2.00000	2
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	32124	2.00000	2
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	21211	2.00000	2
	50 Heptane	43	4.542	4.542	(0.939)	9166	2.00000	2(TM)
	51 Propionitrile	54	4.393	4.393	(0.908)	16956	20.0000	19
	52 Benzene	78	4.366	4.366	(0.903)	49160	2.00000	2
	53 2-Methyl-2-Propenenitrile	41	4.430	4.430	(0.916)	7564	2.00000	2
	54 Isobutyl alcohol	42	4.734	4.734	(0.979)	3091	20.0000	21(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	17376	2.00000	2(M)
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	18500	2.00000	2
	59 Methyl Cyclohexane	83	5.001	5.001	(1.034)	22497	2.00000	2(M)
	60 Trichloroethene	130	5.033	5.033	(1.041)	13547	2.00000	2
	63 Dibromomethane	93	5.487	5.487	(1.135)	9187	2.00000	2(M)
	64 1,2-Dichloropropane	63	5.610	5.610	(1.160)	13090	2.00000	2(T)
	65 Bromodichloromethane	83	5.711	5.711	(1.181)	18838	2.00000	2
	66 Methyl Methacrylate	69	5.951	5.951	(1.231)	8065	2.00000	3
	67 1,4-Dioxane	58	5.988	5.988	(1.238)	1760	20.0000	15(M)
	69 2-Chloroethylvinylether	63	6.431	6.431	(1.330)	6563	2.00000	2
	70 cis-1,3-Dichloropropene	75	6.453	6.453	(1.334)	21126	2.00000	2(M)
	71 Chloroacetonitrile	48	6.938	6.938	(1.435)	4767	20.0000	22(M)
	72 2-Nitropropane	41	7.002	7.002	(1.448)	6035	4.00000	4(T)
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.503)	20912	2.00000	2
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	11304	2.00000	2(M)
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	457524	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	54476	2.00000	2
$	77 Toluene-d8	98	6.677	6.677	(0.778)	47457	2.00000	2
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	28437	10.0000	9
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	9364	2.00000	2(T)
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	12388	2.00000	2
	81 Ethyl Methacrylate	69	7.552	7.552	(0.881)	13198	2.00000	2
	82 Dibromochloromethane	129	7.643	7.643	(0.891)	15895	2.00000	2(T)
	83 1,3-Dichloropropane	76	7.771	7.771	(0.906)	20208	2.00000	2
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	12757	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.305	8.305	(0.968)	6546	2.00000	2(T)
87	1-Chlorohexane	91	8.652	8.652	(1.009)	10932	2.00000	7(M)
88	Chlorobenzene	112	8.593	8.593	(1.002)	37450	2.00000	2
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	14604	2.00000	2(T)
90	Ethylbenzene	106	8.678	8.678	(1.012)	17649	2.00000	2
91	Xylene (total)mp	106	8.881	8.881	(1.035)	43453	4.00000	4
92	Xylene (total)o	106	9.399	9.399	(1.096)	20072	2.00000	2
93	Styrene	104	9.463	9.463	(1.103)	33361	2.00000	2
94	Bromoform	173	9.447	9.447	(1.101)	12793	2.00000	2
* 95	1,4-Dichlorobenzene-d4	152	11.032	11.032	(1.000)	252204	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	44619	2.00000	2
97	Bromobenzene	156	10.098	10.098	(0.915)	17979	2.00000	2
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.930)	16463	2.00000	2
99	4-Ethyltoluene	105	10.295	10.295	(0.933)	46996	2.00000	2
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	4950	2.00000	2
101	trans-1,4-Dichloro-2-Butene	53	10.423	10.423	(0.945)	8153	4.00000	4
102	n-Propylbenzene	91	10.183	10.183	(0.923)	58217	2.00000	2
103	2-Chlorotoluene	91	10.295	10.295	(0.933)	46093	2.00000	2
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	41313	2.00000	2
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.941)	43987	2.00000	2
106	tert-Butylbenzene	119	10.658	10.658	(0.966)	37314	2.00000	2
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	43068	2.00000	2
108	sec-Butylbenzene	105	10.813	10.813	(0.980)	52123	2.00000	2
109	4-Isopropyltoluene	119	10.946	10.946	(0.992)	44525	2.00000	2
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	30119	2.00000	2
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	32143	2.00000	2
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	30218	2.00000	2
113	Benzyl Chloride	126	11.256	11.256	(1.020)	5721	2.00000	2
114	1,4-Diethylbenzene	119	11.245	11.245	(1.019)	23530	2.00000	2
115	n-Butylbenzene	91	11.288	11.288	(1.023)	44181	2.00000	2
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	45993	2.00000	2
119	1,2-Dibromo-3-chloropropane	75	11.987	11.987	(1.087)	4140	2.00000	2
120	Nitrobenzene	77	12.398	12.398	(1.124)	19092	20.0000	11
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.132)	24390	2.00000	2
122	Hexachlorobutadiene	225	12.489	12.489	(1.132)	12946	2.00000	2
123	Naphthalene	128	12.718	12.718	(1.153)	56820	2.00000	2
124	1,2,3-Trichlorobenzene	180	12.852	12.852	(1.165)	27528	2.00000	2
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.908)	17840	2.00000	2
M 126	1,2-Dichloroethene (total)	100				25605	4.00000	4
M 127	Xylene (total)	100				63525	6.00000	6

QC Flag Legend

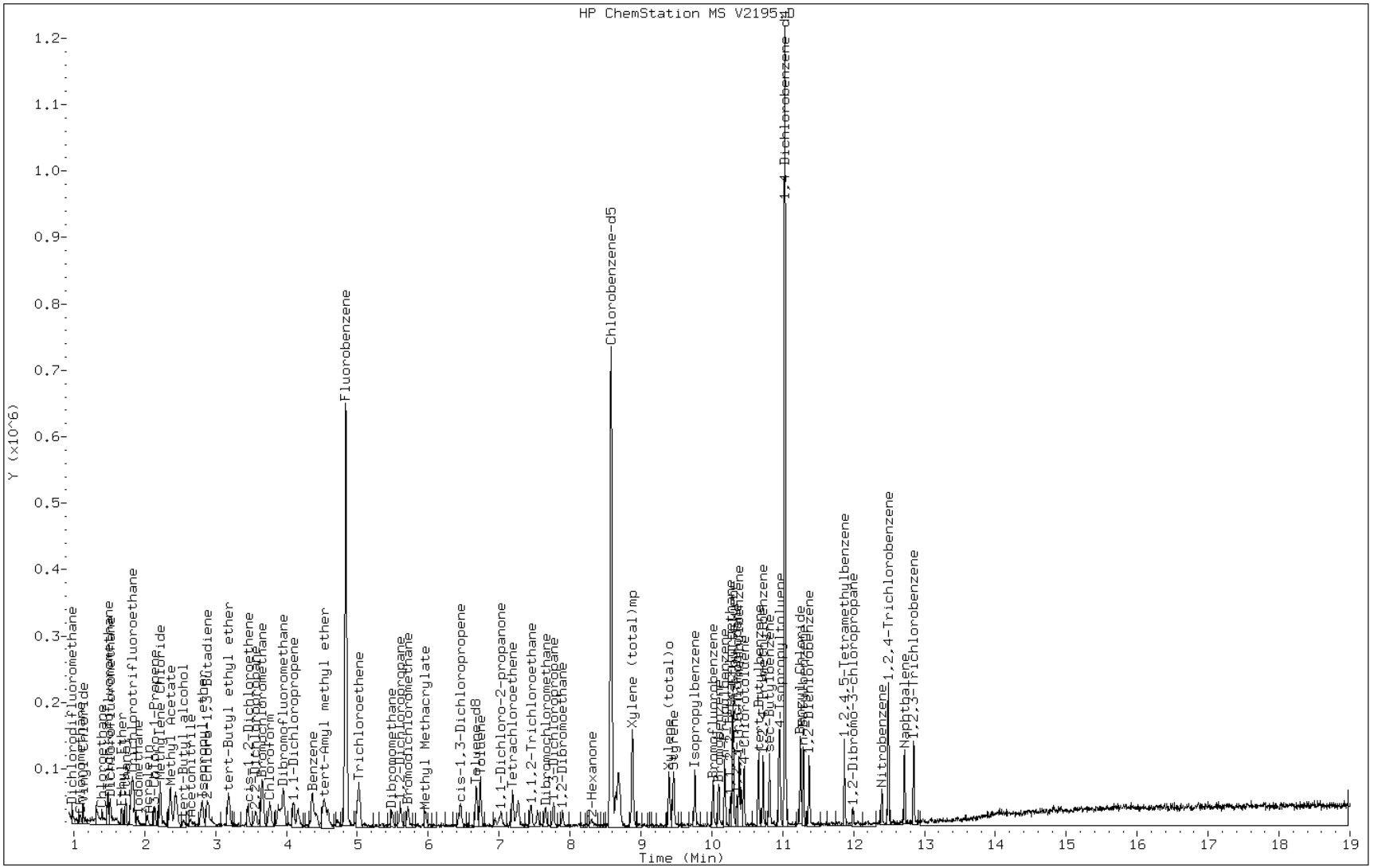
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: V2195.D

Date: 13-JUL-2011 16:20

Client ID: IC;2 Instrument: msv.i

Sample Info: IC;2 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

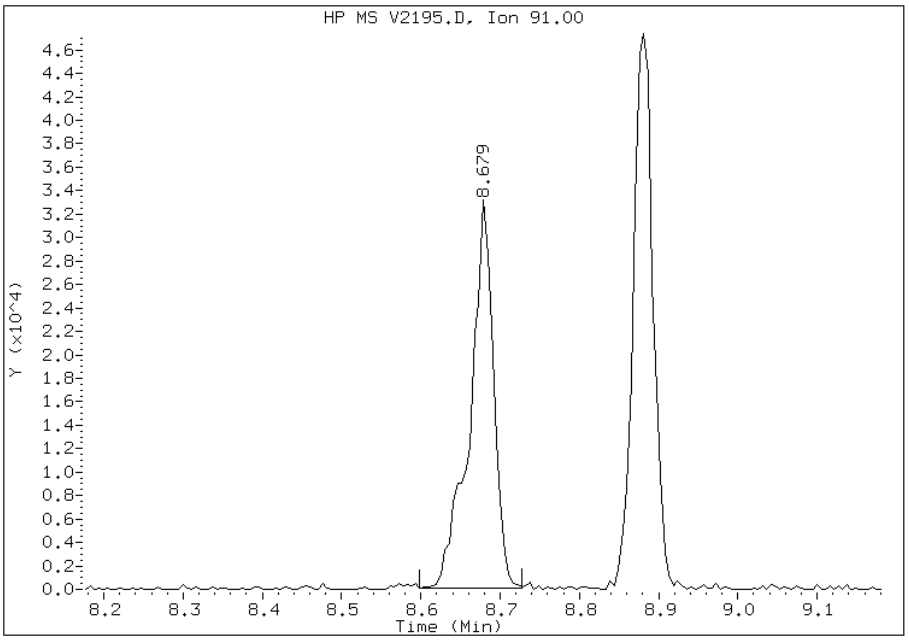
Processing Integration Results

RT: 8.68

Response: 67667

Amount: 5

Conc: 5



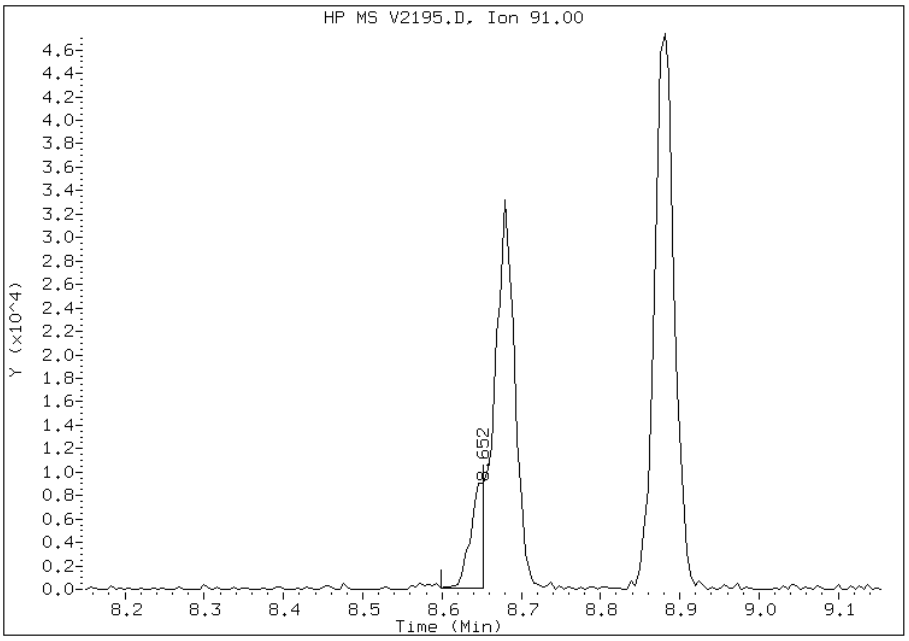
Manual Integration Results

RT: 8.65

Response: 10932

Amount: 7

Conc: 7



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/14/2011

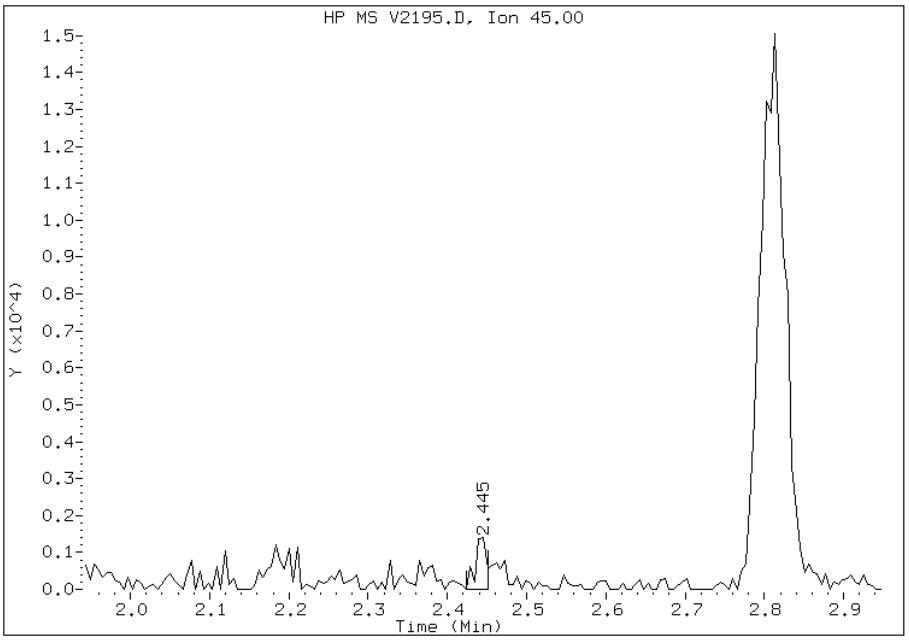
Processing Integration Results

RT: 2.45

Response: 1316

Amount: 2

Conc: 2



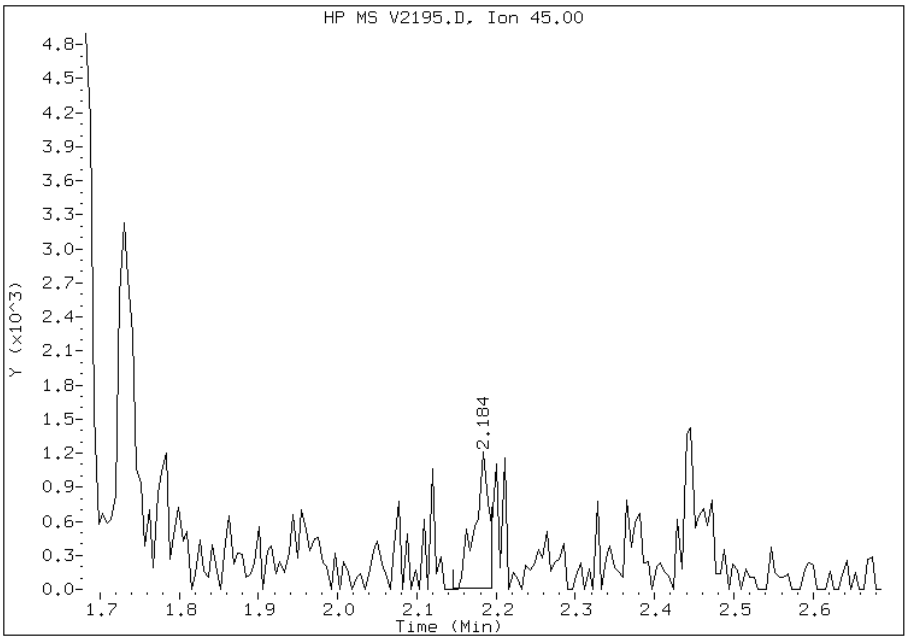
Manual Integration Results

RT: 2.18

Response: 1485

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 07/14/2011

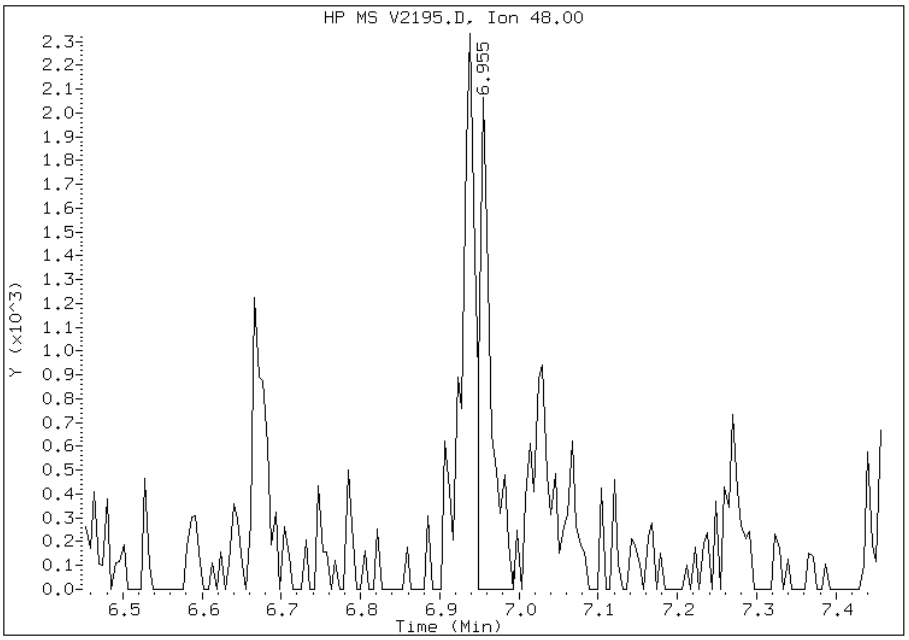
Processing Integration Results

RT: 6.95

Response: 2050

Amount: 11

Conc: 11



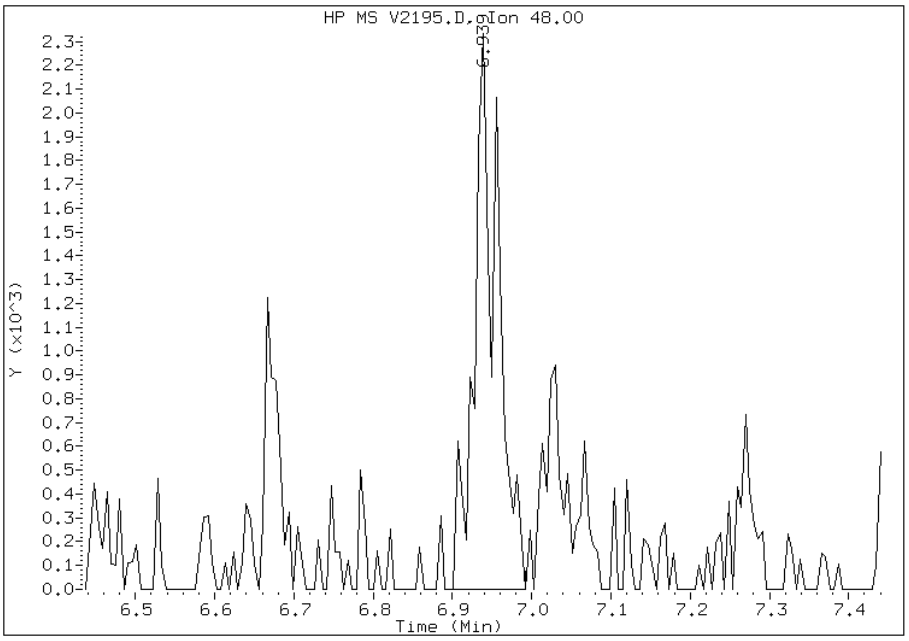
Manual Integration Results

RT: 6.94

Response: 4767

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

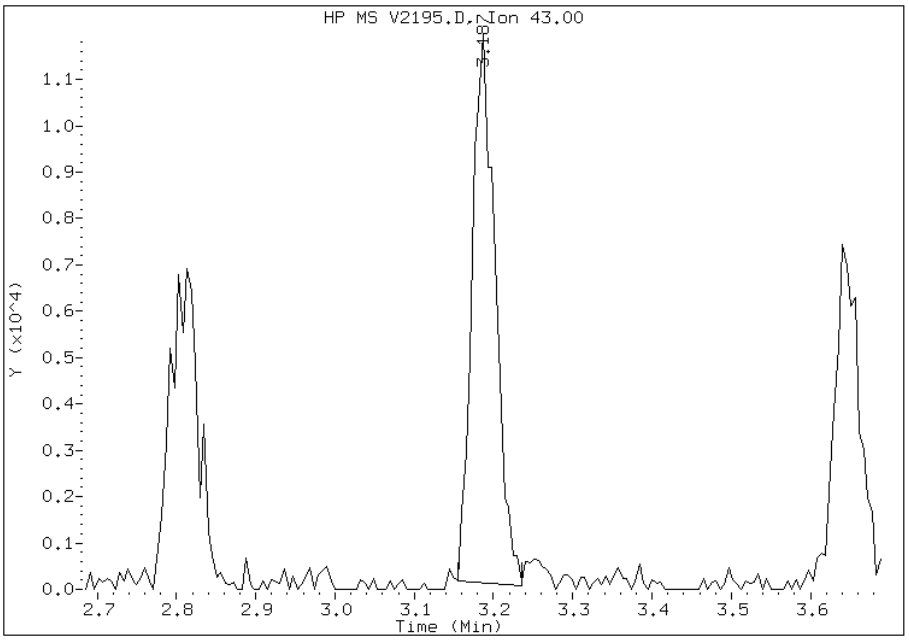
Processing Integration Results

RT: 3.19

Response: 23840

Amount: 2

Conc: 2



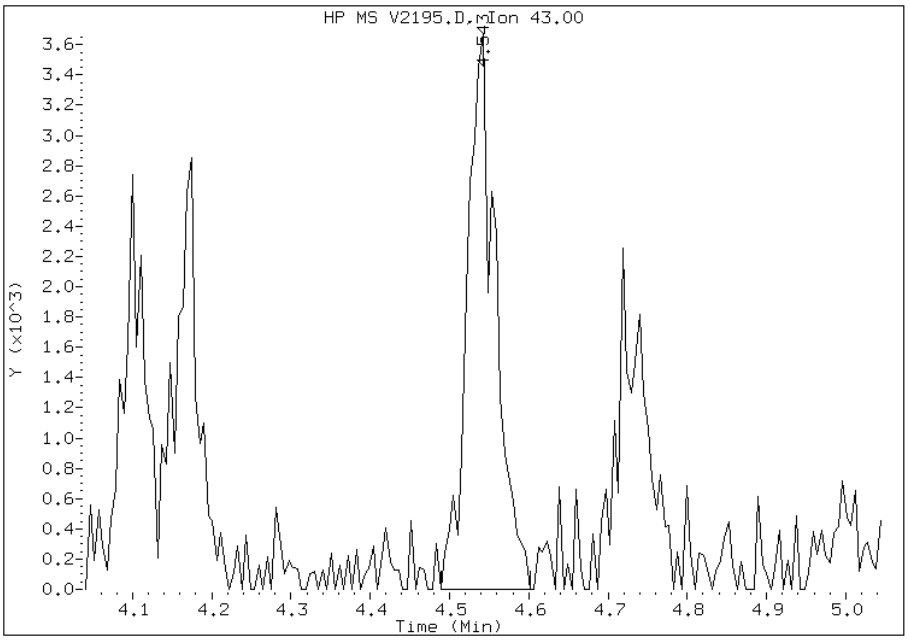
Manual Integration Results

RT: 4.54

Response: 9166

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 07/14/2011

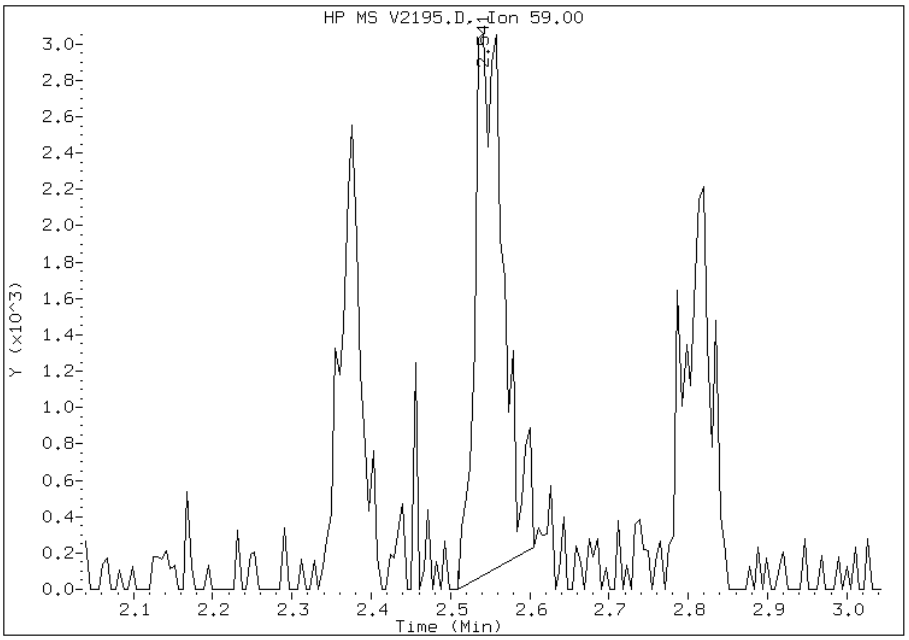
Processing Integration Results

RT: 2.54

Response: 7610

Amount: 10

Conc: 10



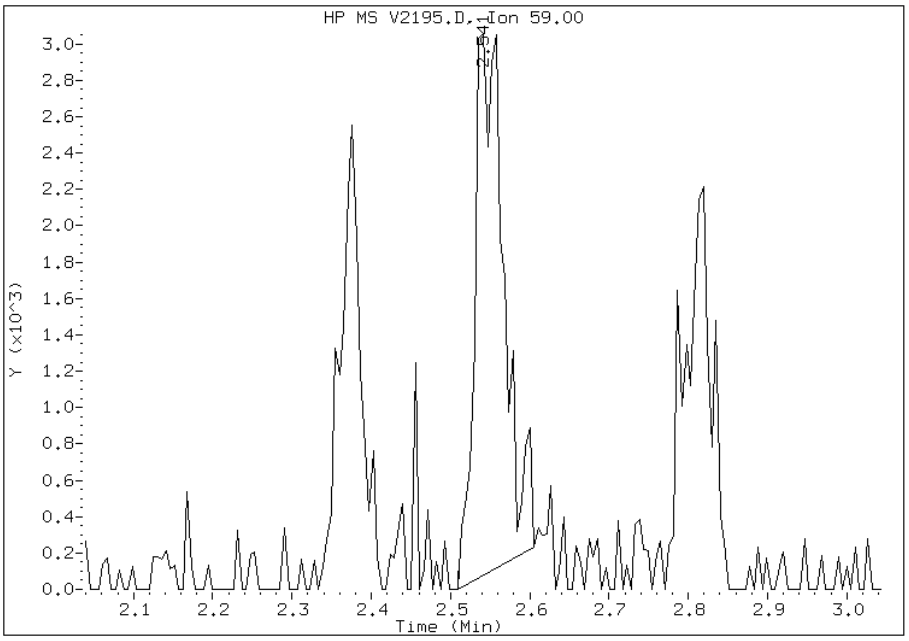
Manual Integration Results

RT: 2.54

Response: 7610

Amount: 10

Conc: 10



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 63 Dibromomethane
CAS #: 74-95-3
Report Date: 07/14/2011

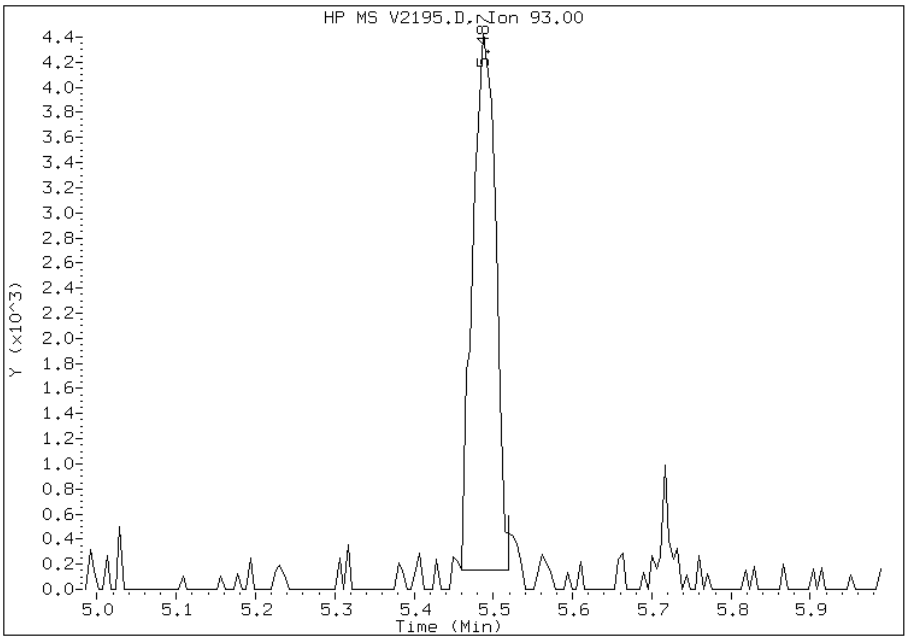
Processing Integration Results

RT: 5.49

Response: 8523

Amount: 2

Conc: 2



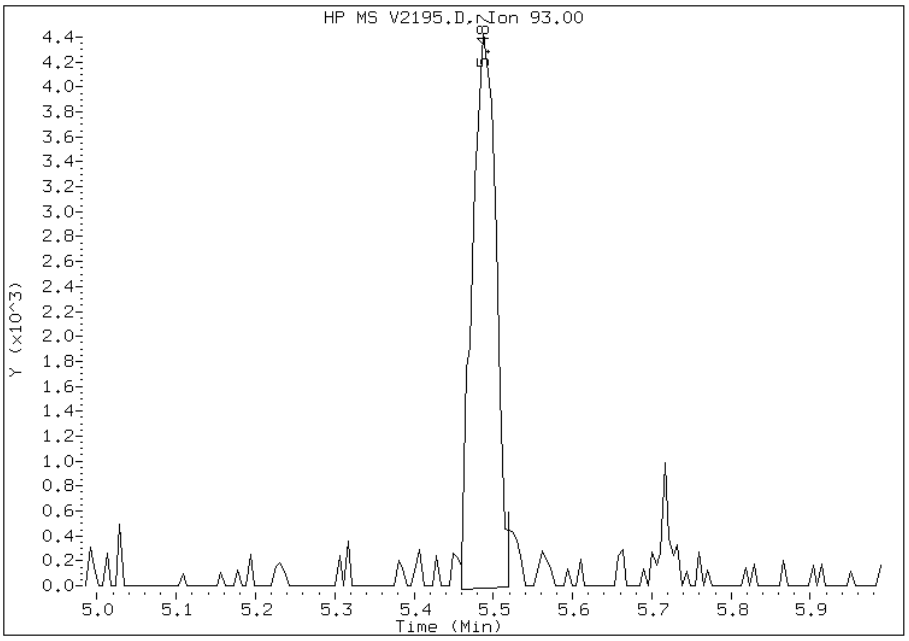
Manual Integration Results

RT: 5.49

Response: 9187

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

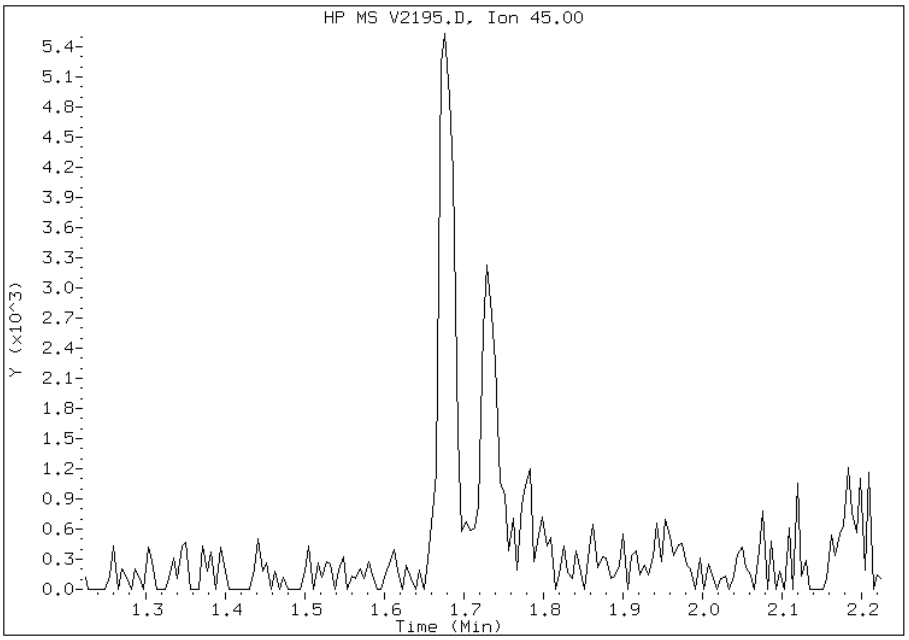
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.72



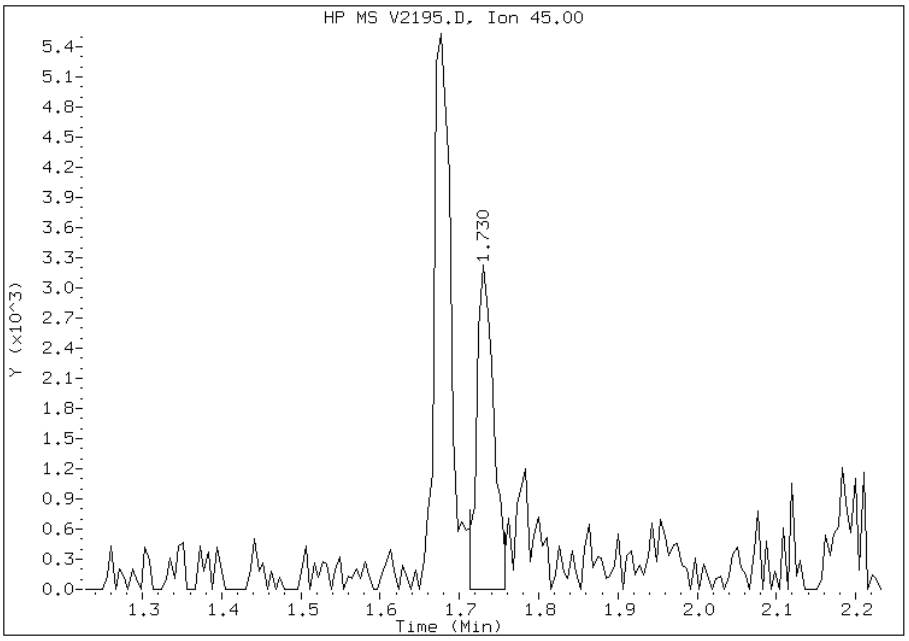
Manual Integration Results

RT: 1.73

Response: 4672

Amount: 37

Conc: 37



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

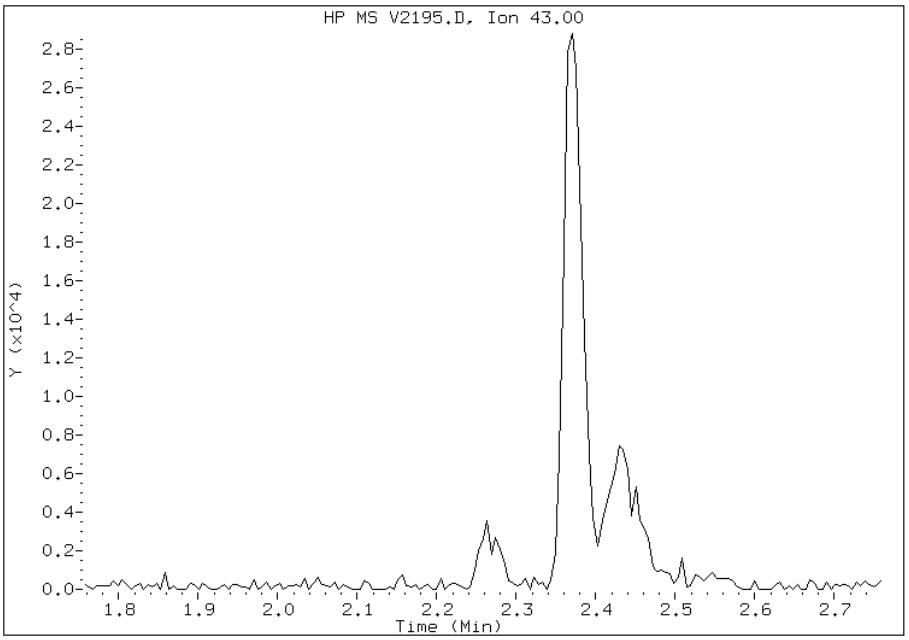
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.26



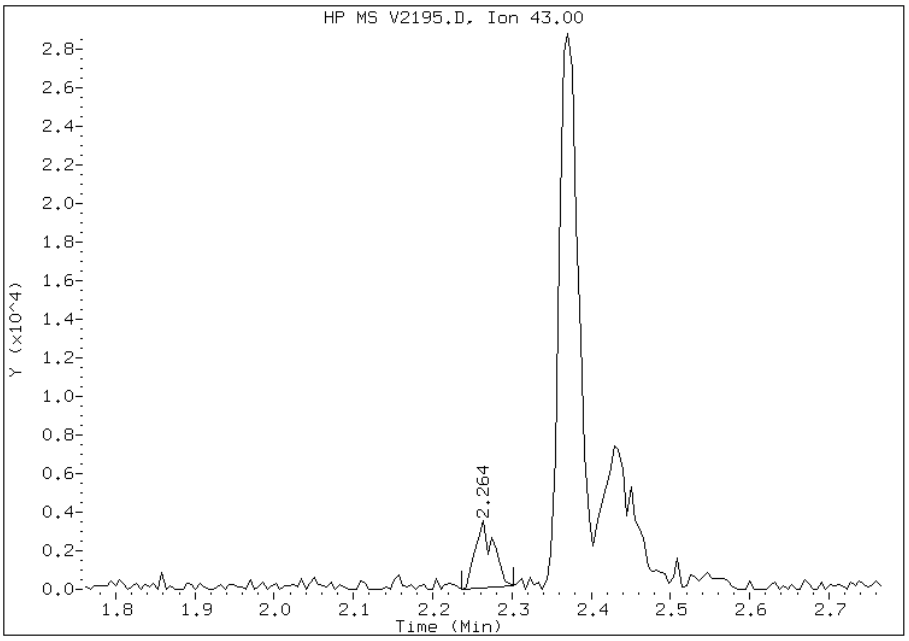
Manual Integration Results

RT: 2.26

Response: 5442

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 70 cis-1,3-Dichloropropene
CAS #: 10061-01-5
Report Date: 07/14/2011

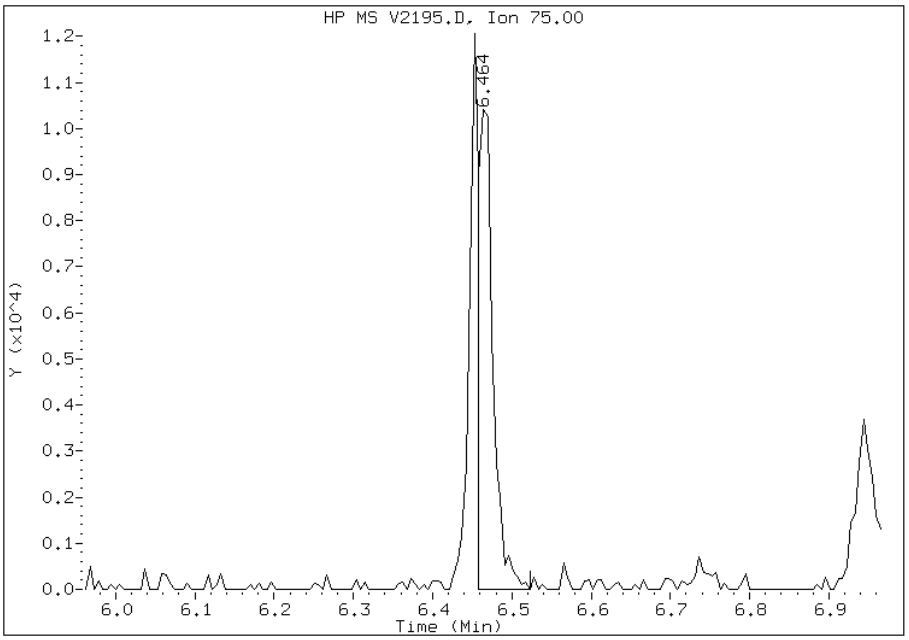
Processing Integration Results

RT: 6.46

Response: 13465

Amount: 1

Conc: 1



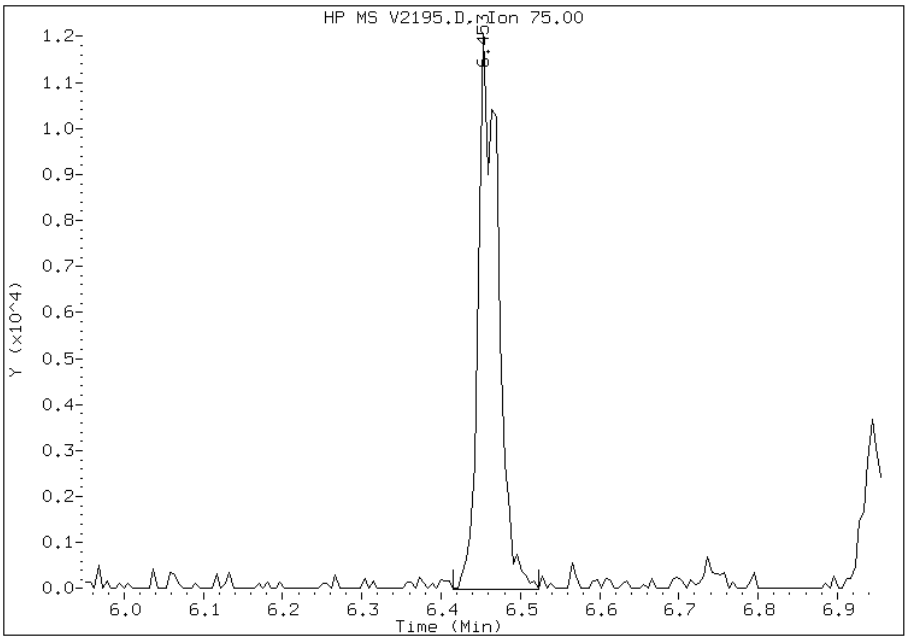
Manual Integration Results

RT: 6.45

Response: 21126

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 07/14/2011

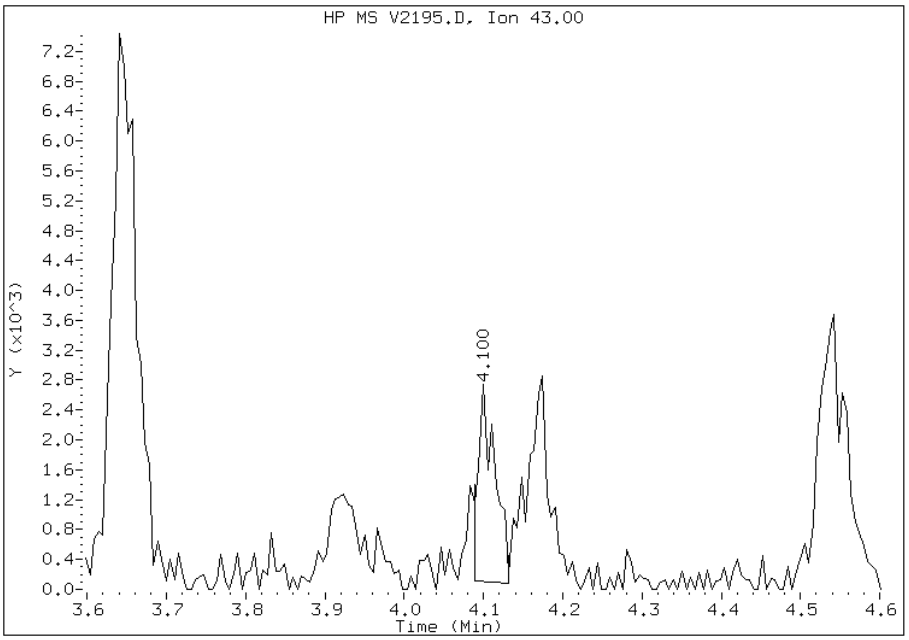
Processing Integration Results

RT: 4.10

Response: 3937

Amount: 2

Conc: 2



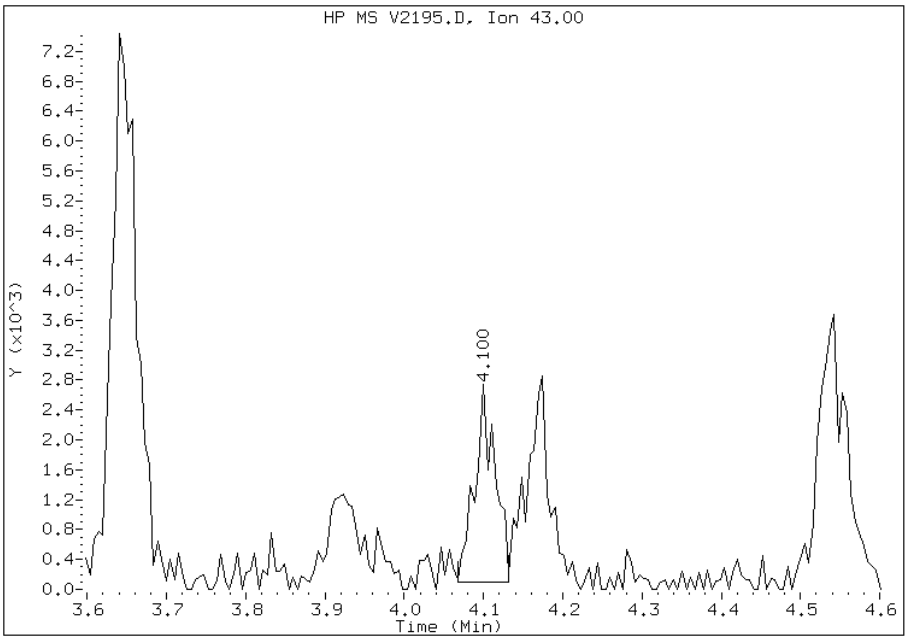
Manual Integration Results

RT: 4.10

Response: 4658

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

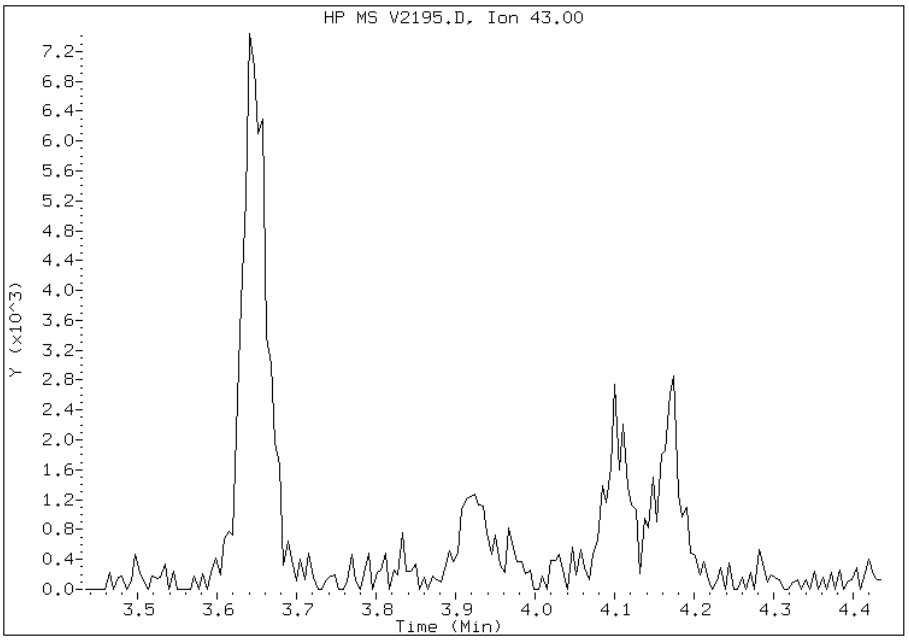
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



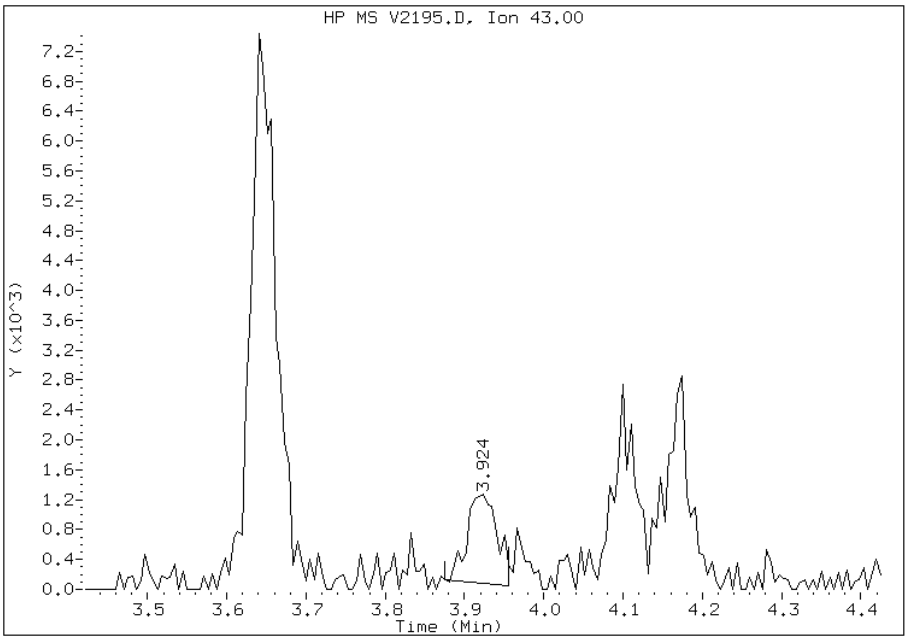
Manual Integration Results

RT: 3.92

Response: 3115

Amount: 8

Conc: 8



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 07/14/2011

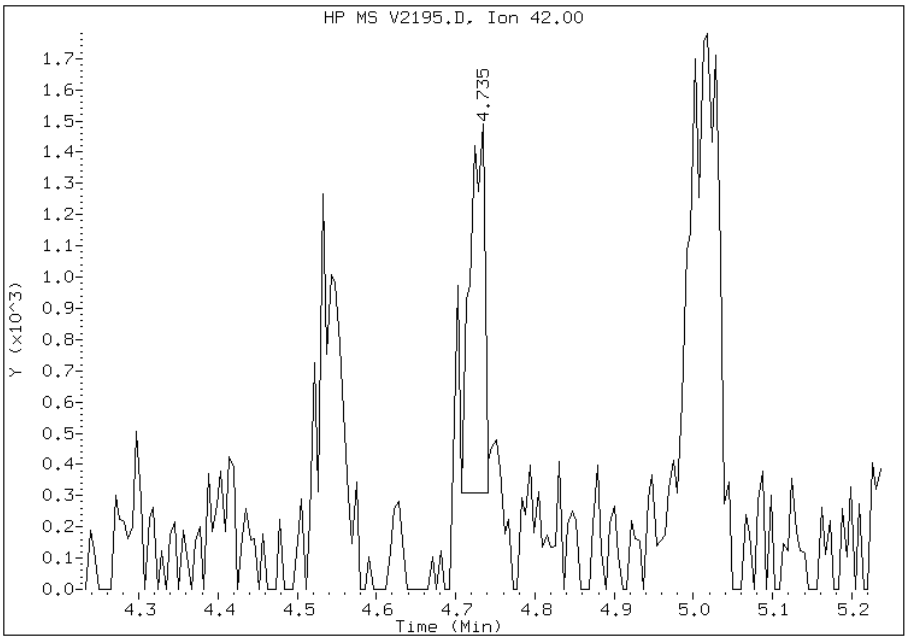
Processing Integration Results

RT: 4.73

Response: 1486

Amount: 11

Conc: 11



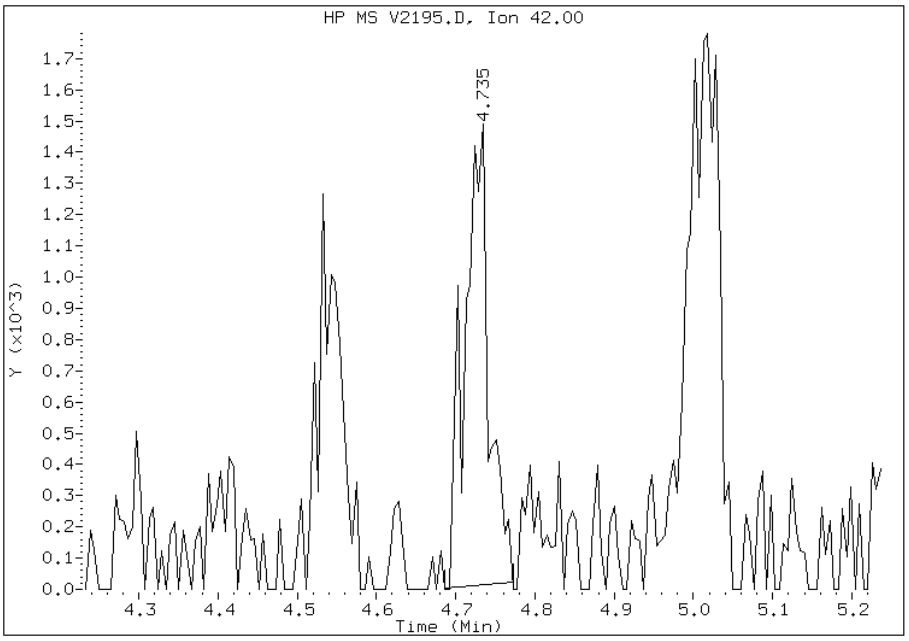
Manual Integration Results

RT: 4.73

Response: 3091

Amount: 21

Conc: 21



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

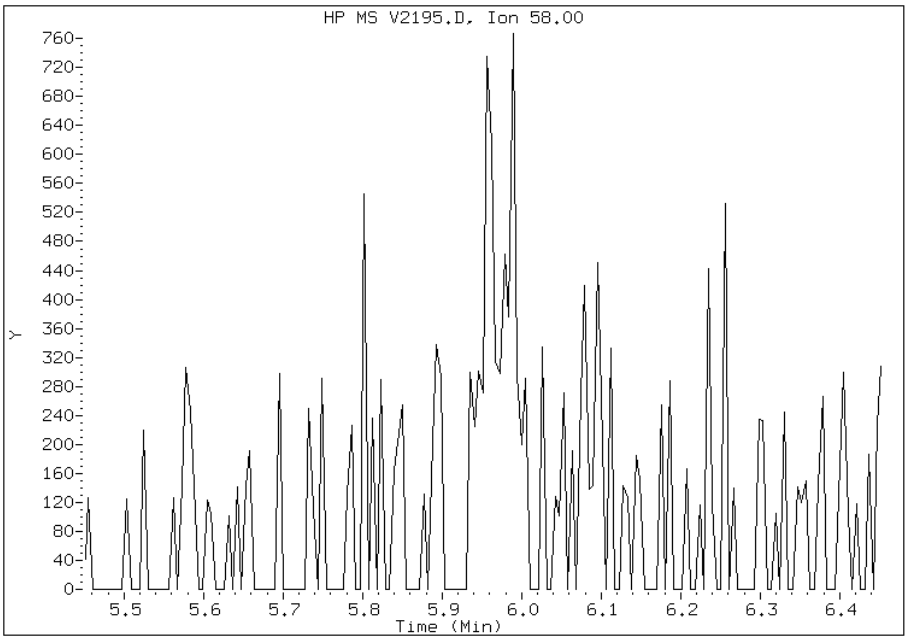
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.95



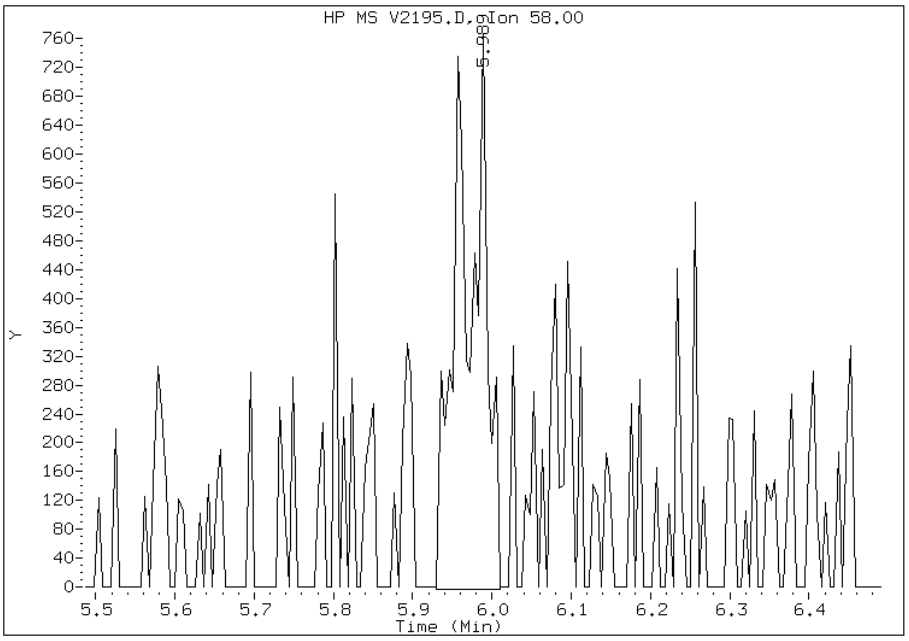
Manual Integration Results

RT: 5.99

Response: 1760

Amount: 15

Conc: 15



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

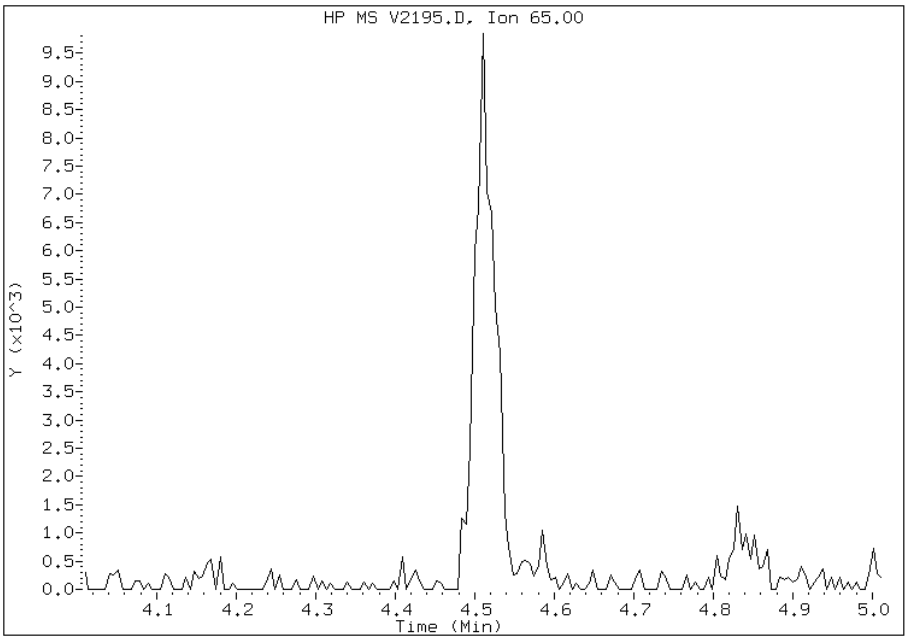
Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 55 1,2-Dichloroethane-d4
CAS #: 17060-07-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.51



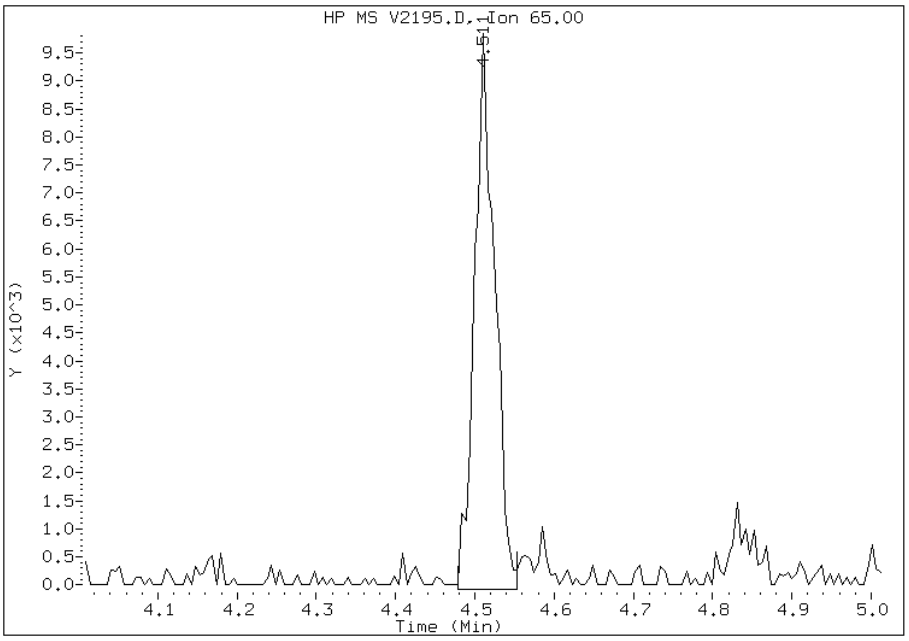
Manual Integration Results

RT: 4.51

Response: 17376

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 74 1,1,2-Trichloroethane
CAS #: 79-00-5
Report Date: 07/14/2011

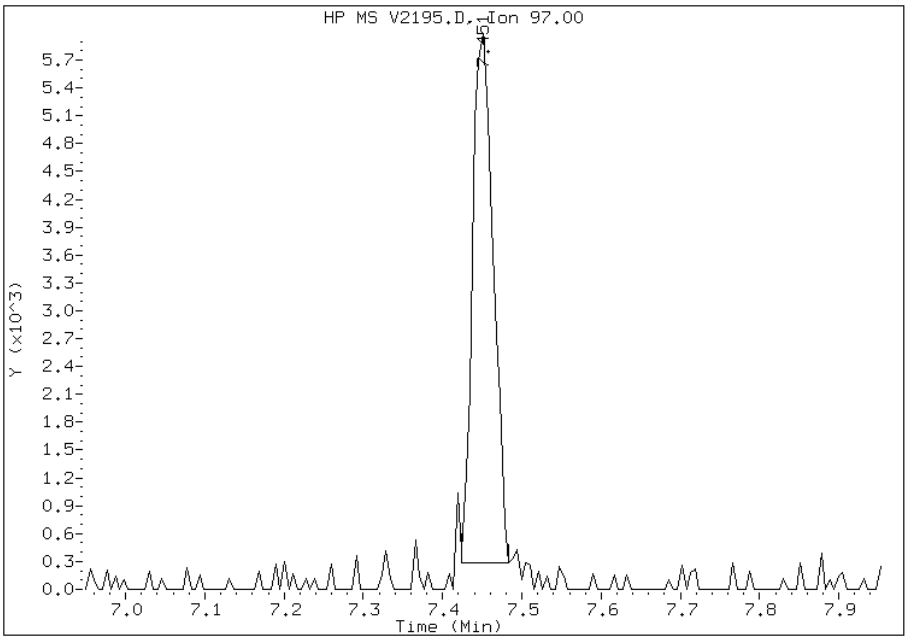
Processing Integration Results

RT: 7.45

Response: 10196

Amount: 2

Conc: 2



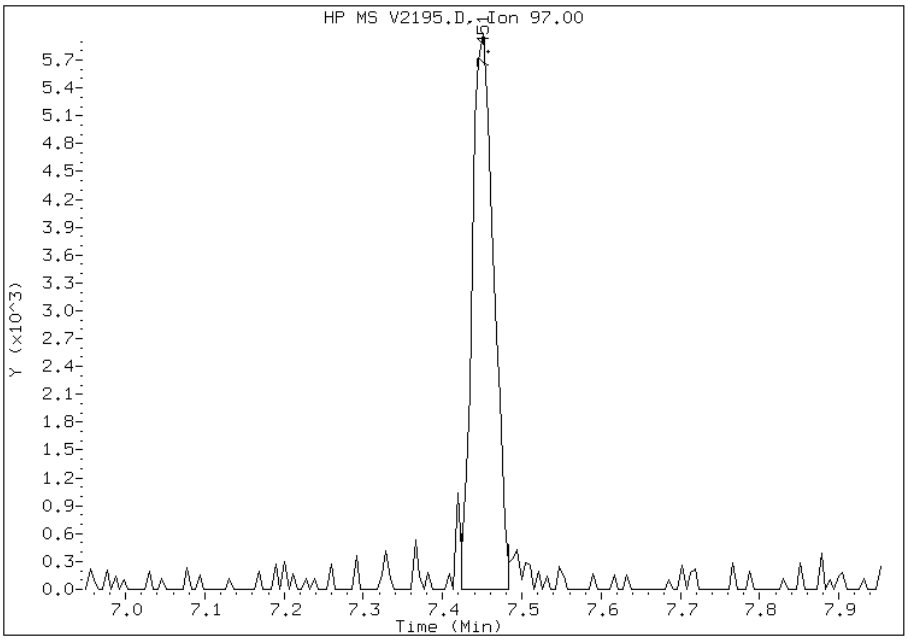
Manual Integration Results

RT: 7.45

Response: 11304

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 59 Methyl Cyclohexane
CAS #: 108-87-2
Report Date: 07/14/2011

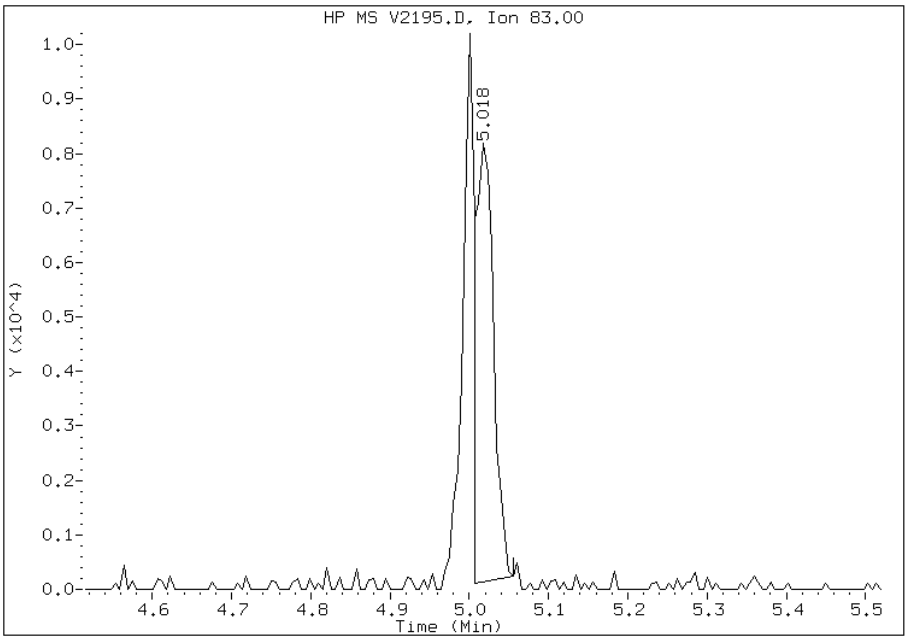
Processing Integration Results

RT: 5.02

Response: 12901

Amount: 1

Conc: 1



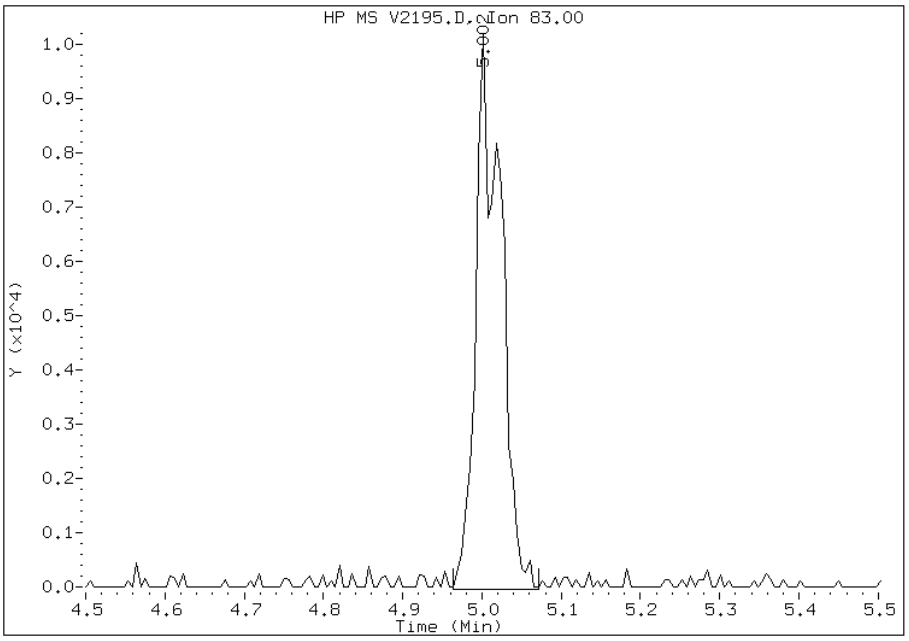
Manual Integration Results

RT: 5.00

Response: 22497

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2195.D
Inj. Date and Time: 13-JUL-2011 16:20
Instrument ID: msv.i
Client ID: IC;2
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 07/14/2011

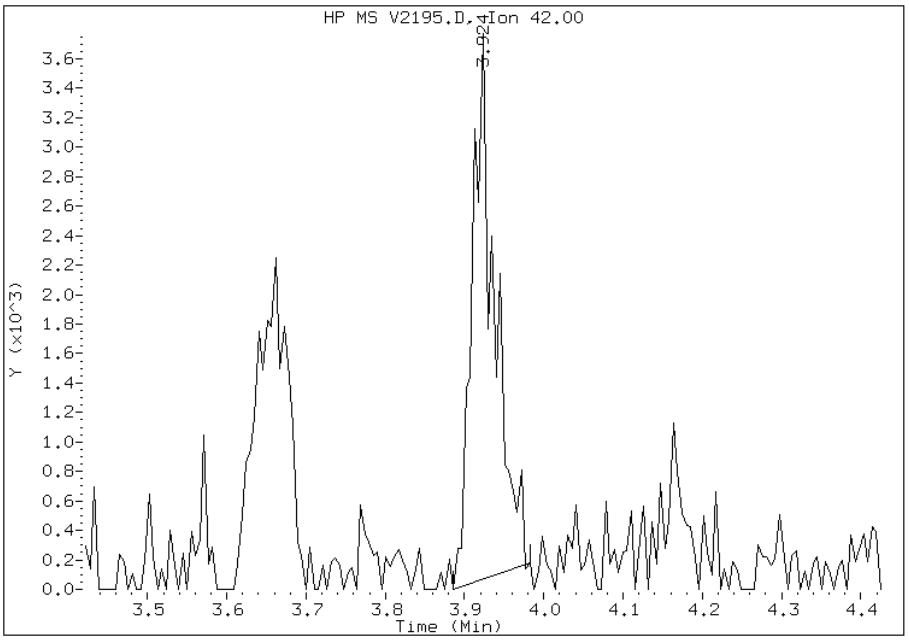
Processing Integration Results

RT: 3.92

Response: 7334

Amount: 4

Conc: 4



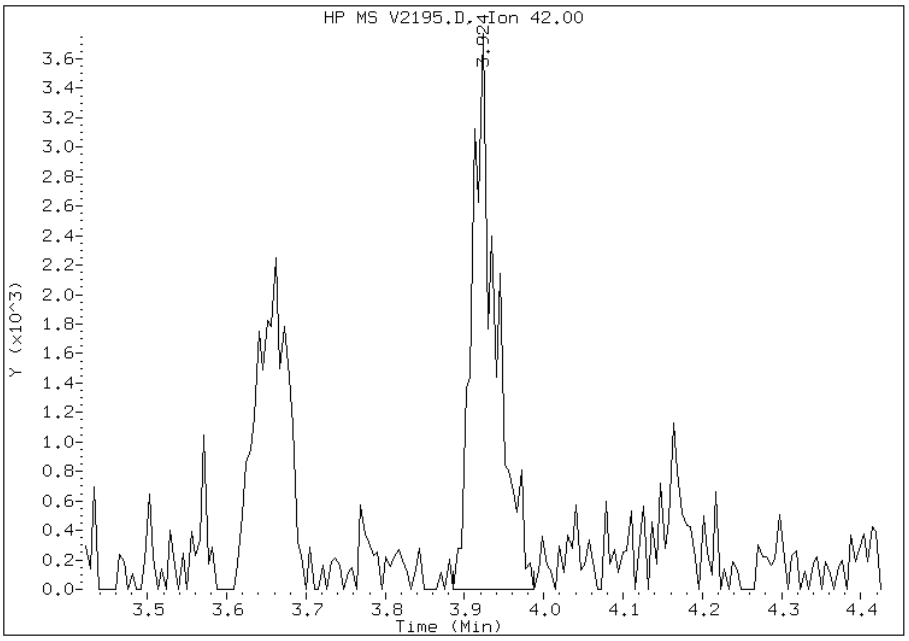
Manual Integration Results

RT: 3.92

Response: 7868

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V2196.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 13-JUL-2011 16:47 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;0.5
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\V8260LOW.m
Meth Date : 14-Jul-2011 09:45 msv.i Quant Type: ISTD
Cal Date : 13-JUL-2011 16:20 Cal File: V2195.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.841	4.841	(1.000)	575846	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	1947	0.50000	0.4(M)
3	Chloromethane	50	1.089	1.089	(0.225)	2876	0.50000	0.6(M)
4	Vinyl Chloride	62	1.132	1.132	(0.234)	1906	0.50000	0.4
5	Bromomethane	94	1.319	1.319	(0.272)	1807	0.50000	0.6(M)
6	Chloroethane	64	1.399	1.399	(0.289)	1391	0.50000	0.6(M)
7	Trichlorofluoromethane	101	1.474	1.474	(0.304)	4526	0.50000	0.4
8	Dichlorofluoromethane	67	1.516	1.516	(0.313)	4563	0.50000	0.6(T)
9	Ethyl Ether	45	1.676	1.676	(0.346)	1784	0.50000	0.6
10	Ethanol	45	1.724	1.724	(0.356)	615	5.00000	11(M)
12	Freon 123	67	1.847	1.847	(0.382)	680	0.50000	0.6(M)
13	Trichlorotrifluoroethane	101	1.826	1.826	(0.377)	3087	0.50000	0.6(M)
14	1,1-Dichloroethene	96	1.799	1.799	(0.372)	1436	0.50000	0.3
15	Carbon Disulfide	76	1.826	1.826	(0.377)	8743	0.50000	0.5(M)
16	Iodomethane	142	1.901	1.901	(0.393)	2251	0.50000	2
17	Acrolein	56	2.034	2.034	(0.420)	2170	2.50000	3
18	2-Propanol	45	2.178	2.178	(0.450)	634	0.50000	0.9(M)
19	3-Chloro-1-Propene	41	2.135	2.135	(0.441)	3771	0.50000	0.5(M)
20	Methylene Chloride	84	2.221	2.221	(0.459)	15503	0.50000	2
21	Acetone	43	2.258	2.258	(0.466)	1340	0.50000	0.8(M)
22	trans-1,2-Dichloroethene	96	2.354	2.354	(0.486)	2716	0.50000	0.5(M)
23	Methyl Acetate	43	2.370	2.370	(0.490)	10551	0.50000	0.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.461	2.461	(0.508)	7387	0.50000	0.4(M)
	25 tert-Butyl alcohol	59	2.541	2.541	(0.525)	2094	2.50000	3(M)
	26 Acetonitrile	41	2.664	2.664	(0.550)	2769	5.00000	5(M)
	27 Isopropyl ether	45	2.813	2.813	(0.581)	7974	0.50000	0.5(M)
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.657)	6304	0.50000	0.4
	29 2-Chloro-1,3-Butadiene	88	2.883	2.883	(0.595)	2047	0.50000	0.4(M)
	30 Acrylonitrile	53	2.941	2.941	(0.608)	2125	1.00000	1(M)
	31 1,1-Dichloroethane	63	2.899	2.899	(0.599)	5757	0.50000	0.6(M)
	32 Vinyl Acetate	43	3.187	3.187	(0.658)	4991	0.50000	0.4(M)
	33 cis-1,2-Dichloroethene	96	3.459	3.459	(0.715)	3335	0.50000	0.5(M)
	34 2,2-Dichloropropane	77	3.560	3.560	(0.735)	3976	0.50000	0.5(M)
	35 Bromochloromethane	128	3.662	3.662	(0.756)	1539	0.50000	0.5
	37 Cyclohexane	84	3.667	3.667	(0.757)	3793	0.50000	0.5(M)
	38 Chloroform	83	3.768	3.768	(0.778)	8206	0.50000	0.7
	39 Ethyl Acetate	43	3.934	3.934	(0.813)	941	1.00000	4(M)
	40 Methyl Acrylate	55	3.918	3.918	(0.809)	3107	0.50000	0.6(M)
$	41 Dibromofluoromethane	111	3.950	3.950	(0.816)	3195	0.50000	0.5(M)
	42 Tetrahydrofuran	42	3.929	3.929	(0.812)	2042	1.00000	1(M)
	43 Carbon Tetrachloride	117	3.886	3.886	(0.803)	4859	0.50000	0.5(M)
	44 1,1,1-Trichloroethane	97	3.950	3.950	(0.816)	4130	0.50000	0.4(M)
	45 2-Butanone	43	4.115	4.115	(0.850)	773	0.50000	0.3(M)
	46 1,1-Dichloropropene	75	4.094	4.094	(0.846)	3767	0.50000	0.5(M)
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.938)	6486	0.50000	0.4(M)
	49 1-Chlorobutane	56	4.169	4.169	(0.861)	3676	0.50000	0.4(M)
	50 Heptane	43	4.548	4.548	(0.939)	2098	0.50000	0.5(M)
	51 Propionitrile	54	4.398	4.398	(0.909)	3733	5.00000	4
	52 Benzene	78	4.356	4.356	(0.900)	11198	0.50000	0.5
	53 2-Methyl-2-Propenenitrile	41	4.420	4.420	(0.913)	1904	0.50000	0.6(M)
	54 Isobutyl alcohol	42	4.654	4.654	(0.961)	526	5.00000	4(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.932)	4110	0.50000	0.5(M)
	56 1,2-Dichloroethane	62	4.596	4.596	(0.949)	4143	0.50000	0.5(M)
	59 Methyl Cyclohexane	83	5.017	5.017	(1.036)	3685	0.50000	0.4(M)
	60 Trichloroethene	130	5.028	5.028	(1.039)	3569	0.50000	0.6(M)
	63 Dibromomethane	93	5.487	5.487	(1.133)	2170	0.50000	0.5
	64 1,2-Dichloropropane	63	5.610	5.610	(1.159)	2643	0.50000	0.4(M)
	65 Bromodichloromethane	83	5.716	5.716	(1.181)	4920	0.50000	0.6(M)
	66 Methyl Methacrylate	69	5.967	5.967	(1.233)	2946	0.50000	2(M)
	67 1,4-Dioxane	58	5.951	5.951	(1.229)	789	5.00000	0.3(M)
	69 2-Chloroethylvinylether	63	6.426	6.426	(1.327)	1753	0.50000	0.5(M)
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.334)	3992	0.50000	0.4(M)
	71 Chloroacetonitrile	48	6.949	6.949	(1.435)	1064	5.00000	5(M)
	72 2-Nitropropane	41	7.003	7.003	(1.446)	1723	1.00000	1(M)
	73 trans-1,3-Dichloropropene	75	7.269	7.269	(1.502)	4703	0.50000	0.5
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.539)	2648	0.50000	0.5
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	428207	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	11100	0.50000	0.4
$	77 Toluene-d8	98	6.677	6.677	(0.778)	9596	0.50000	0.4
	78 1,1-Dichloro-2-propanone	43	7.019	7.019	(0.818)	6961	2.50000	2(T)
	79 4-Methyl-2-Pentanone	43	7.243	7.243	(0.844)	3201	0.50000	0.6(M)
	80 Tetrachloroethene	164	7.195	7.195	(0.839)	1887	0.50000	0.3(M)
	81 Ethyl Methacrylate	69	7.558	7.558	(0.881)	2746	0.50000	0.4(M)
	82 Dibromochloromethane	129	7.654	7.654	(0.892)	4687	0.50000	0.6(T)
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	4323	0.50000	0.5(M)
	84 1,2-Dibromoethane	107	7.889	7.889	(0.920)	3067	0.50000	0.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	86 2-Hexanone	43	8.294	8.294	(0.967)	1424	0.50000	0.4(M)
	87 1-Chlorohexane	91	8.646	8.646	(1.008)	1606	0.50000	4(M)
	88 Chlorobenzene	112	8.598	8.598	(1.002)	7989	0.50000	0.5
	89 1,1,1,2-Tetrachloroethane	131	8.700	8.700	(1.014)	2909	0.50000	0.4(T)
	90 Ethylbenzene	106	8.668	8.668	(1.011)	4260	0.50000	0.5(M)
	91 Xylene (total)mp	106	8.881	8.881	(1.035)	8059	1.00000	0.7
	92 Xylene (total)o	106	9.394	9.394	(1.095)	4075	0.50000	0.4
	93 Styrene	104	9.468	9.468	(1.104)	6652	0.50000	0.4
	94 Bromoform	173	9.442	9.442	(1.101)	3129	0.50000	0.5
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	229726	25.0000	
	96 Isopropylbenzene	105	9.762	9.762	(0.885)	9184	0.50000	0.4
	97 Bromobenzene	156	10.093	10.093	(0.915)	3612	0.50000	0.5
	98 1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.931)	3542	0.50000	0.5
	99 4-Ethyltoluene	105	10.290	10.290	(0.933)	10369	0.50000	0.4
	100 1,2,3-Trichloropropane	110	10.349	10.349	(0.939)	1221	0.50000	0.6
	101 trans-1,4-Dichloro-2-Butene	53	10.418	10.418	(0.945)	2104	1.00000	1
	102 n-Propylbenzene	91	10.183	10.183	(0.924)	13697	0.50000	0.5
	103 2-Chlorotoluene	91	10.296	10.296	(0.934)	10495	0.50000	0.5
	104 4-Chlorotoluene	91	10.456	10.456	(0.948)	8808	0.50000	0.4
	105 1,3,5-Trimethylbenzene	105	10.381	10.381	(0.941)	7474	0.50000	0.4
	106 tert-Butylbenzene	119	10.658	10.658	(0.967)	6960	0.50000	0.4
	107 1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	9898	0.50000	0.5
	108 sec-Butylbenzene	105	10.813	10.813	(0.981)	9206	0.50000	0.4
	109 4-Isopropyltoluene	119	10.947	10.947	(0.993)	7574	0.50000	0.3
	110 1,3-Dichlorobenzene	146	10.963	10.963	(0.994)	7782	0.50000	0.6
	111 1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	8886	0.50000	0.6
	112 1,2-Dichlorobenzene	146	11.379	11.379	(1.032)	6380	0.50000	0.5
	113 Benzyl Chloride	126	11.251	11.251	(1.020)	1149	0.50000	0.4
	114 1,4-Diethylbenzene	119	11.245	11.245	(1.020)	5382	0.50000	0.5
	115 n-Butylbenzene	91	11.288	11.288	(1.024)	11892	0.50000	0.6
	118 1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	9966	0.50000	0.5
	119 1,2-Dibromo-3-chloropropane	75	11.987	11.987	(1.087)	700	0.50000	0.4(M)
	120 Nitrobenzene	77	12.404	12.404	(1.125)	5695	5.00000	-2
	121 1,2,4-Trichlorobenzene	180	12.494	12.494	(1.133)	7466	0.50000	0.7
	122 Hexachlorobutadiene	225	12.489	12.489	(1.133)	4862	0.50000	0.9
	123 Naphthalene	128	12.718	12.718	(1.153)	16058	0.50000	0.6
	124 1,2,3-Trichlorobenzene	180	12.847	12.847	(1.165)	6765	0.50000	0.6
$	125 Bromofluorobenzene	95	10.013	10.013	(0.908)	3547	0.50000	0.5
M	126 1,2-Dichloroethene (total)	100				6051	1.00000	1
M	127 Xylene (total)	100				12134	1.50000	1

QC Flag Legend

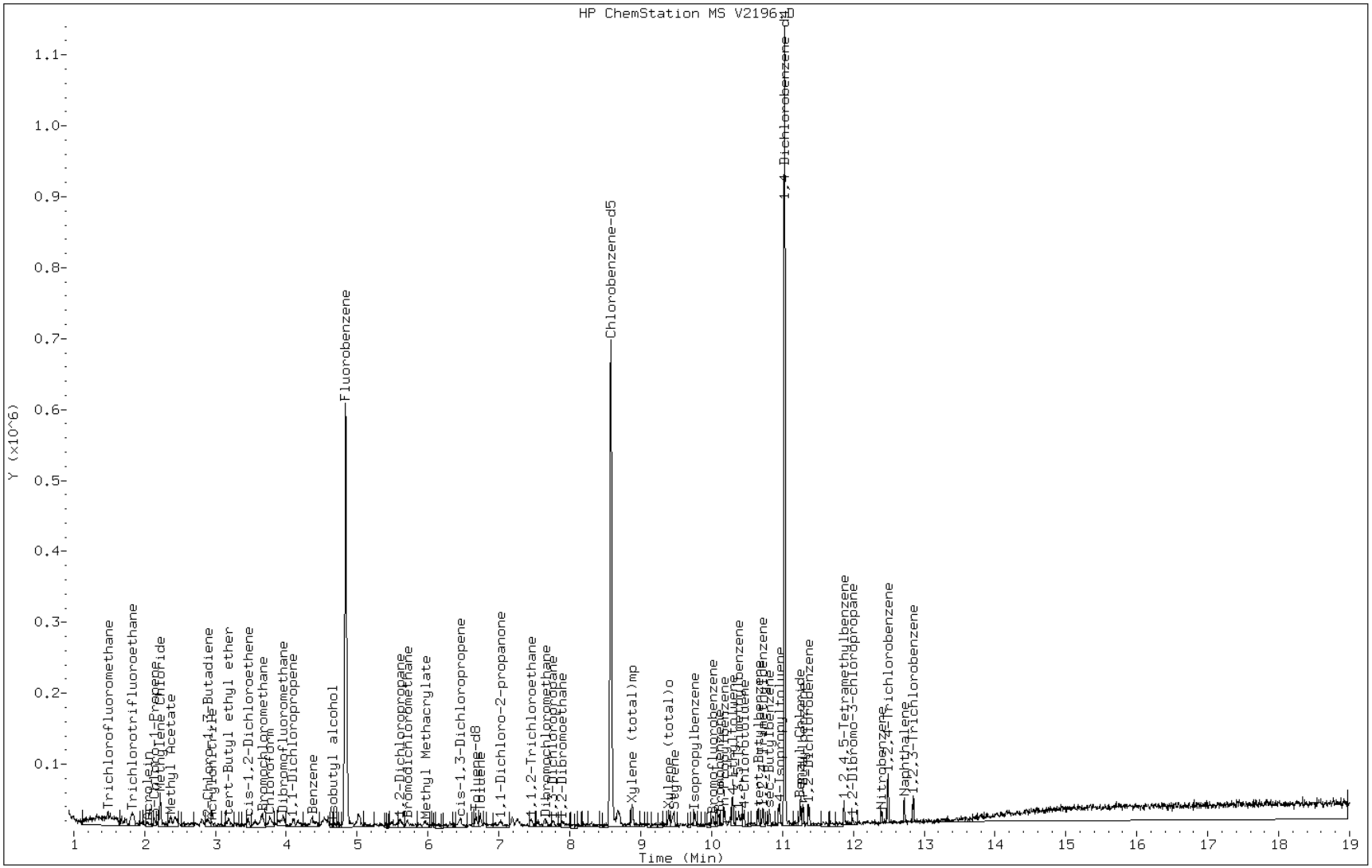
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: V2196.D

Date: 13-JUL-2011 16:47

Client ID: IC;0.5 Instrument: msv.i

Sample Info: IC;0.5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 07/14/2011

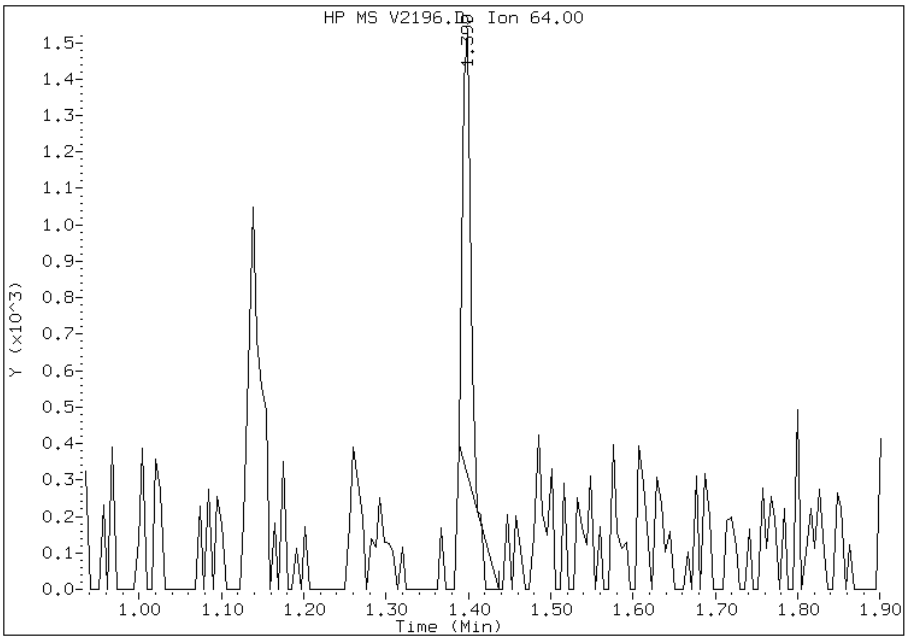
Processing Integration Results

RT: 1.40

Response: 757

Amount: 0

Conc: 0



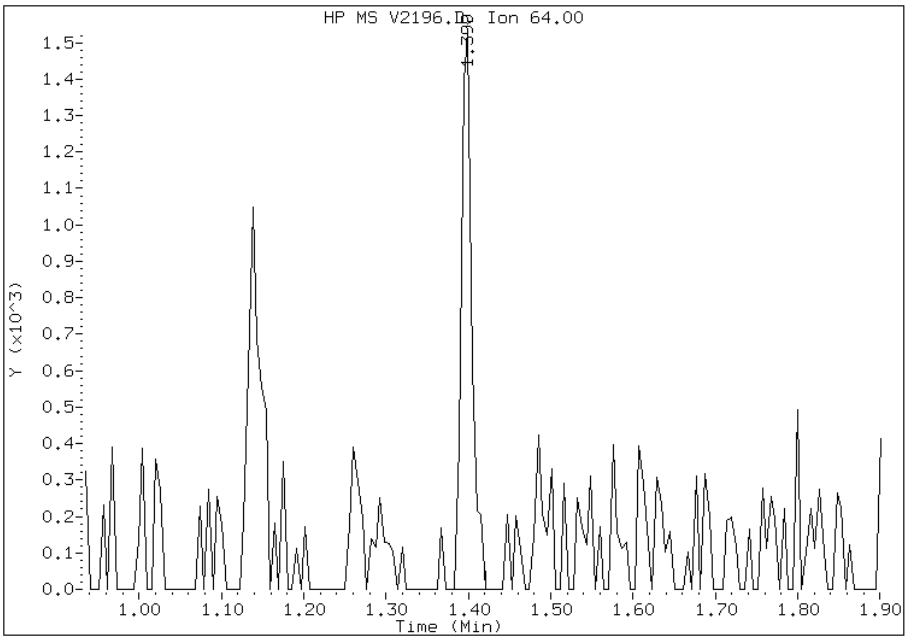
Manual Integration Results

RT: 1.40

Response: 1391

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

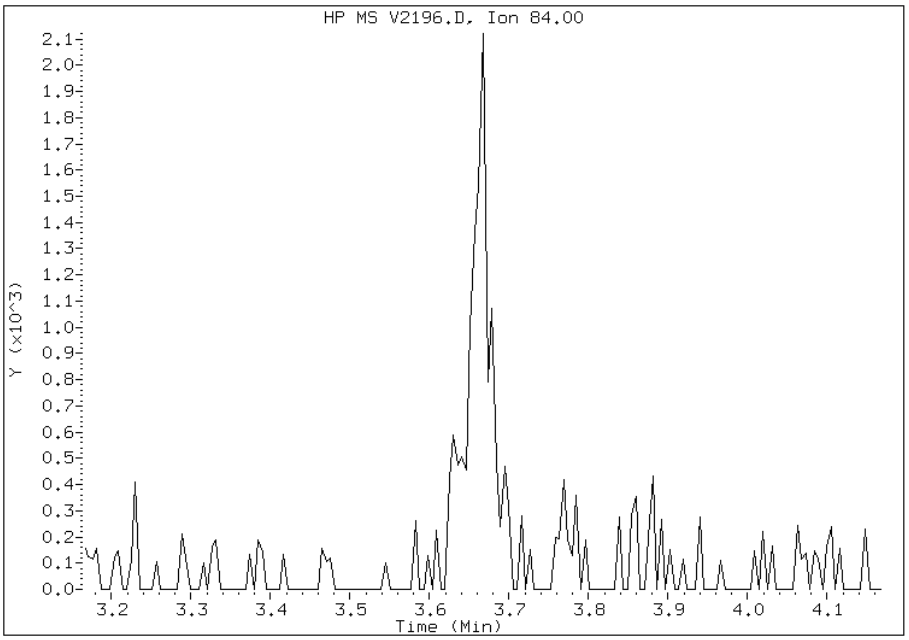
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 37 Cyclohexane
CAS #: 110-82-7
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.67



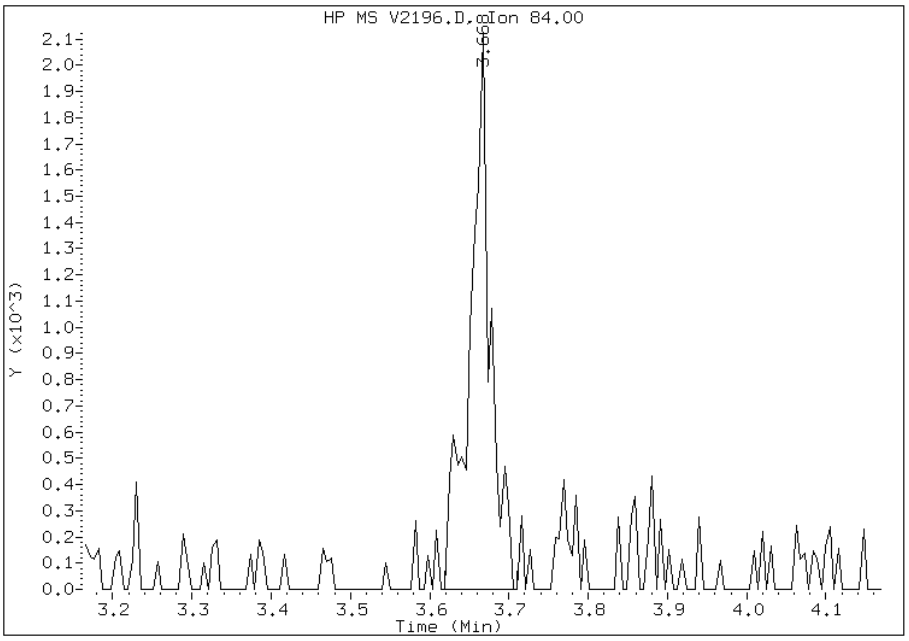
Manual Integration Results

RT: 3.67

Response: 3793

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

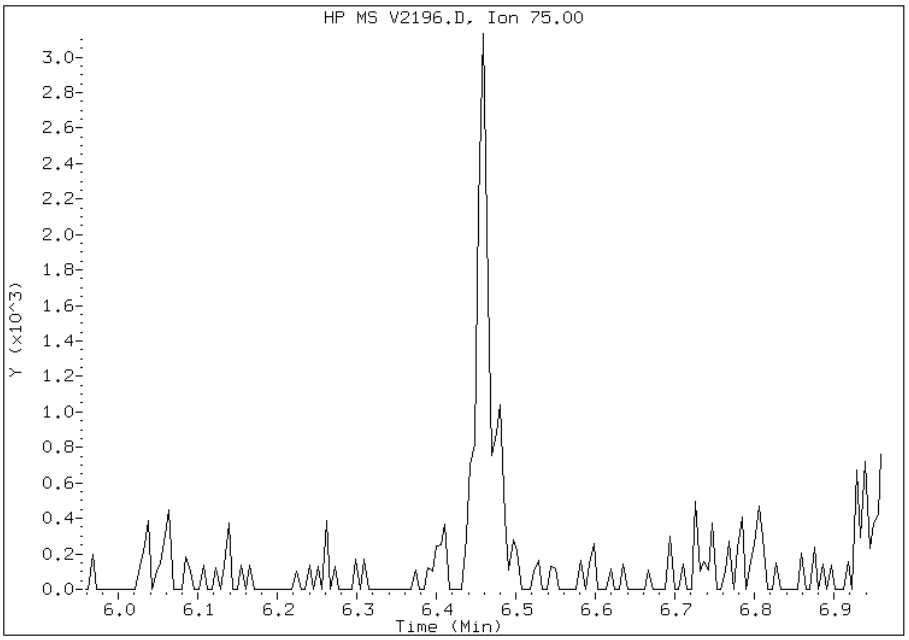
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 70 cis-1,3-Dichloropropene
CAS #: 10061-01-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 6.46



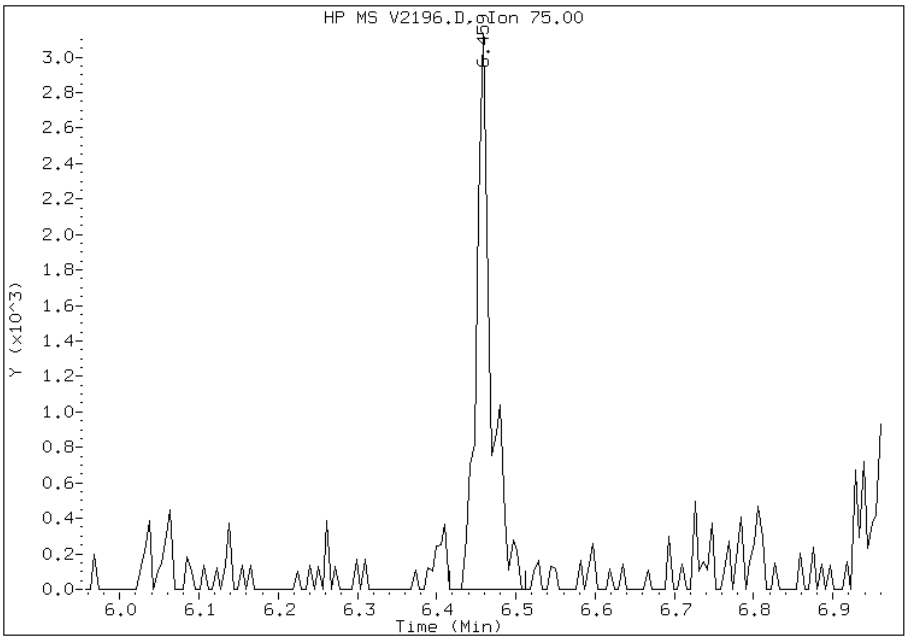
Manual Integration Results

RT: 6.46

Response: 3992

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 90 Ethylbenzene
CAS #: 100-41-4
Report Date: 07/14/2011

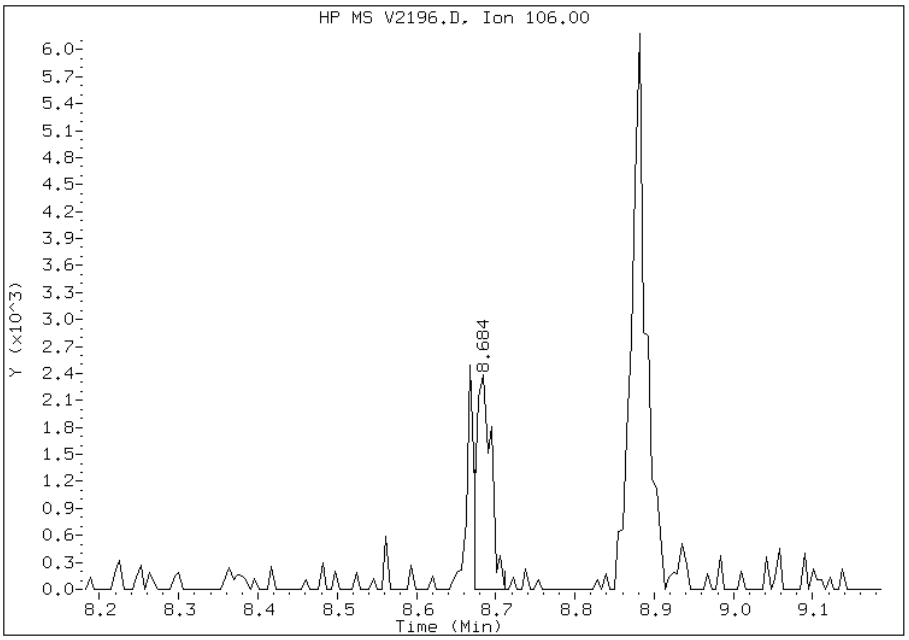
Processing Integration Results

RT: 8.68

Response: 3048

Amount: 0

Conc: 0



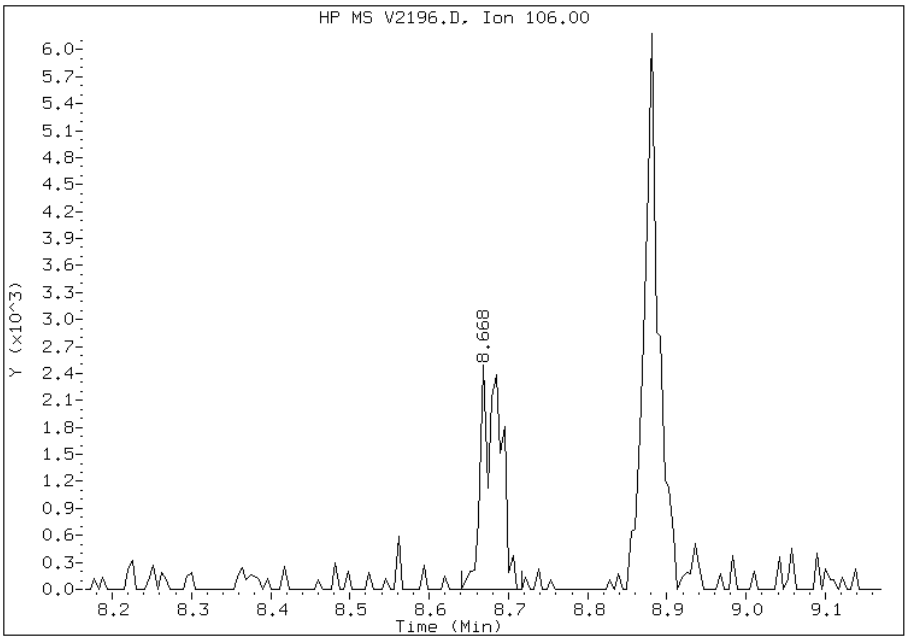
Manual Integration Results

RT: 8.67

Response: 4260

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 81 Ethyl Methacrylate
CAS #: 97-63-2
Report Date: 07/14/2011

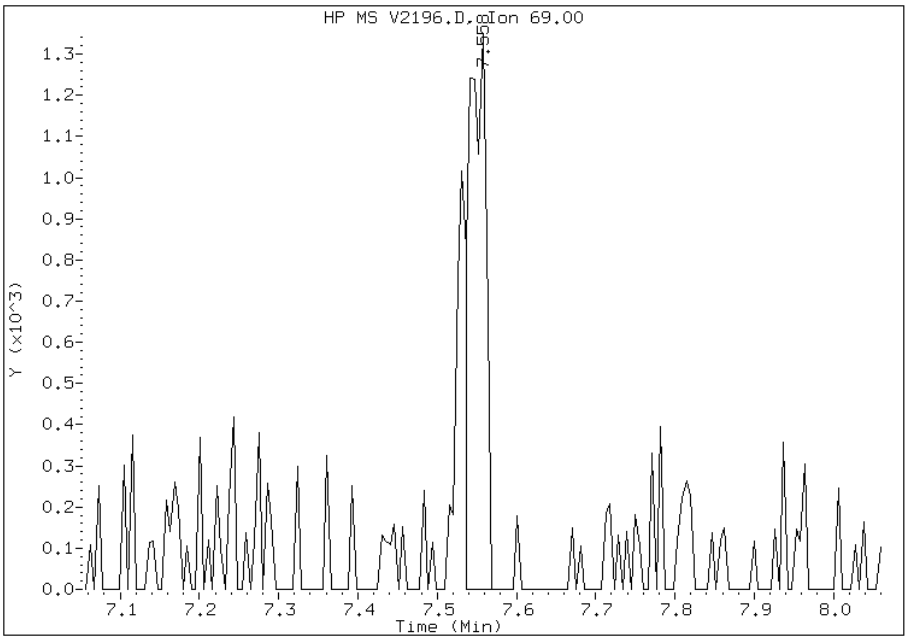
Processing Integration Results

RT: 7.56

Response: 2044

Amount: 0

Conc: 0



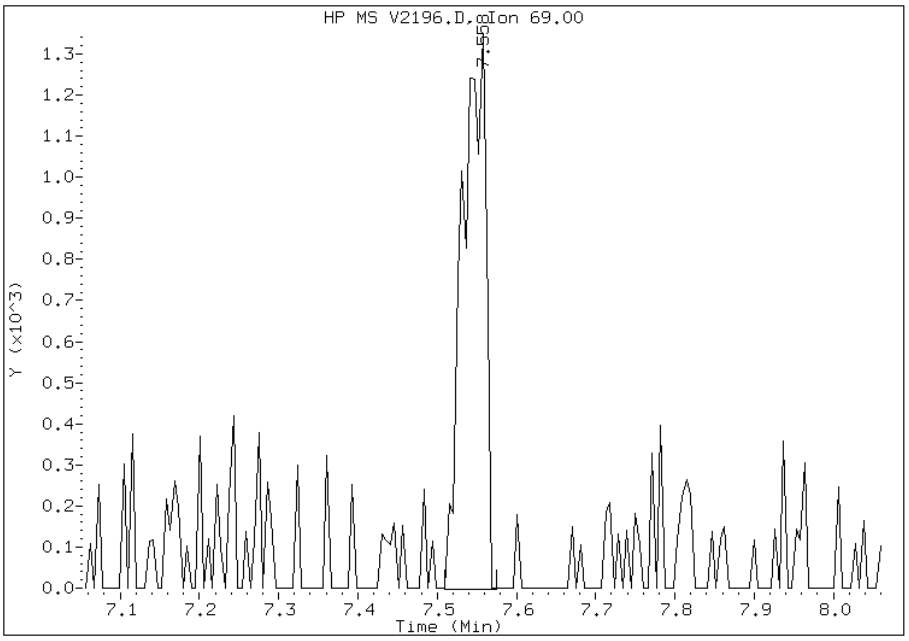
Manual Integration Results

RT: 7.56

Response: 2746

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

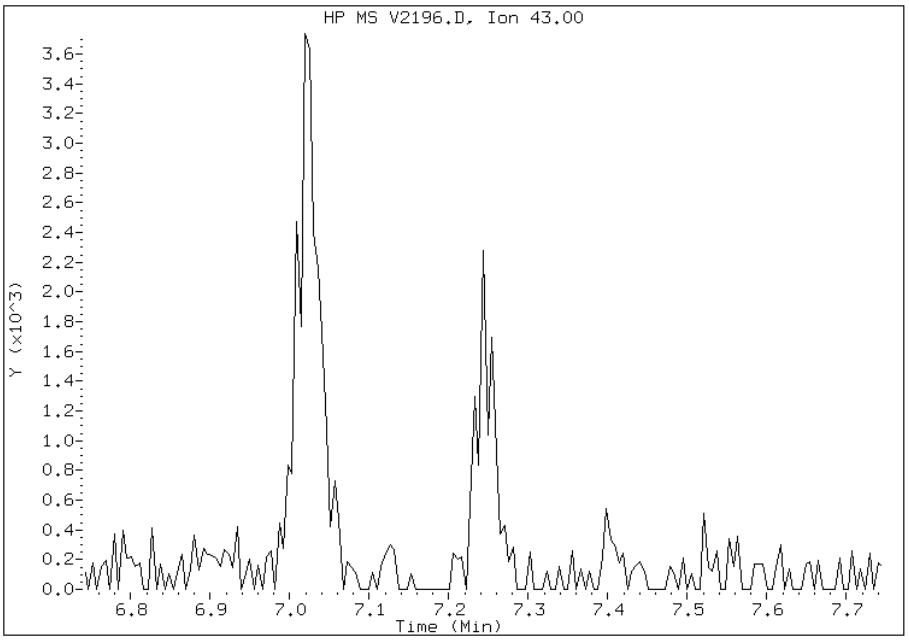
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 79 4-Methyl-2-Pentanone
CAS #: 108-10-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 7.24



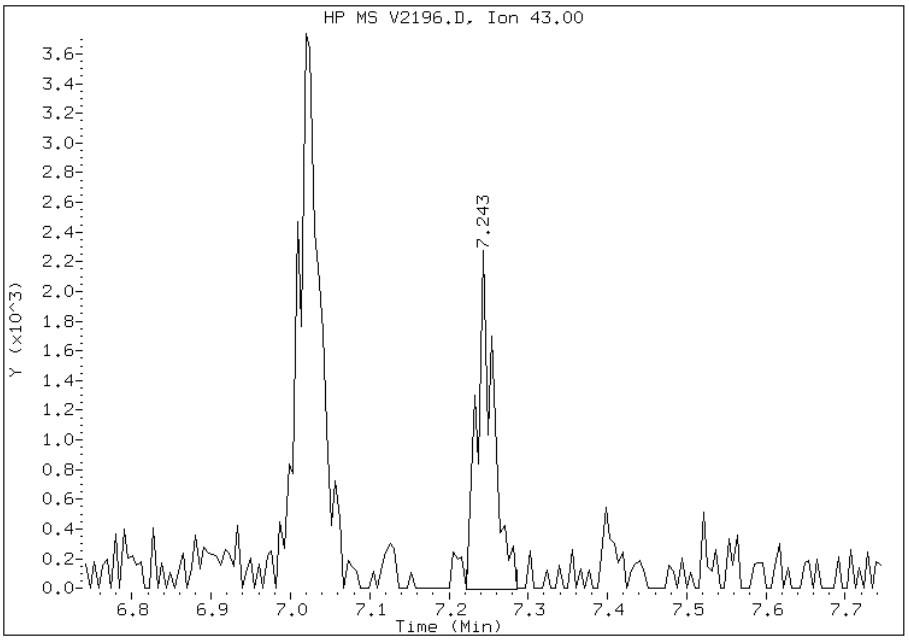
Manual Integration Results

RT: 7.24

Response: 3201

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 13 Trichlorotrifluoroethane
CAS #: 76-13-1
Report Date: 07/14/2011

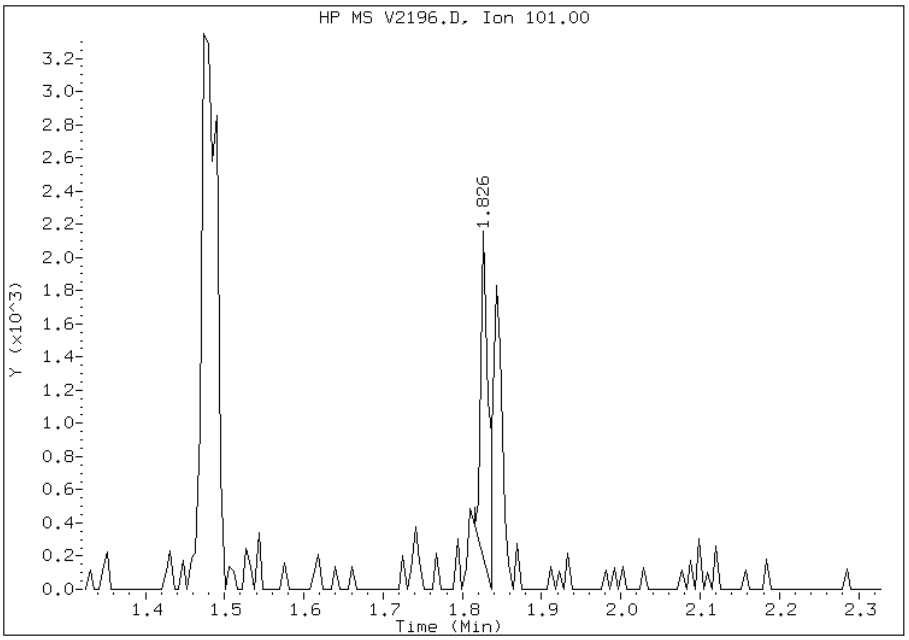
Processing Integration Results

RT: 1.83

Response: 1341

Amount: 0

Conc: 0



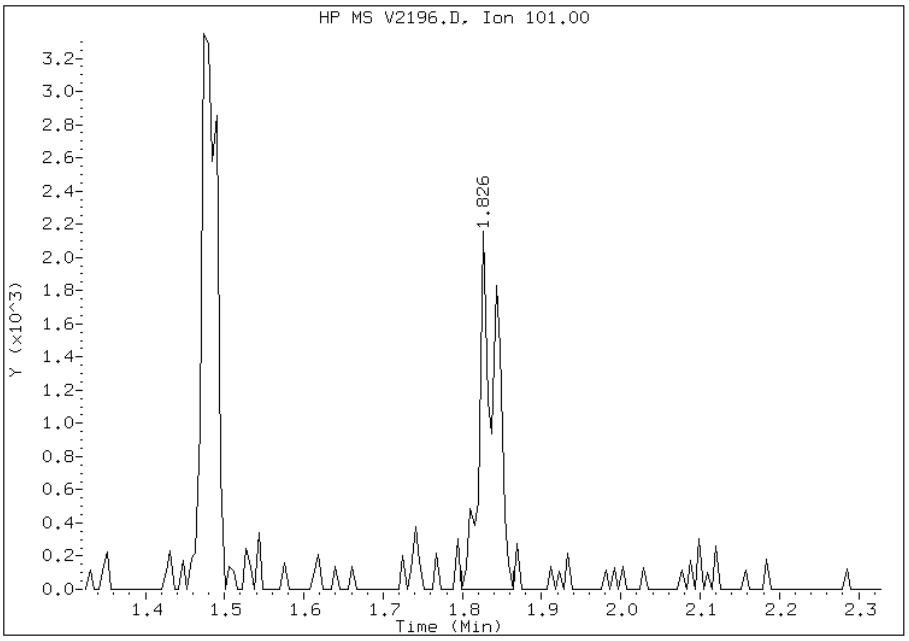
Manual Integration Results

RT: 1.83

Response: 3087

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 49 1-Chlorobutane
CAS #: 109-69-3
Report Date: 07/14/2011

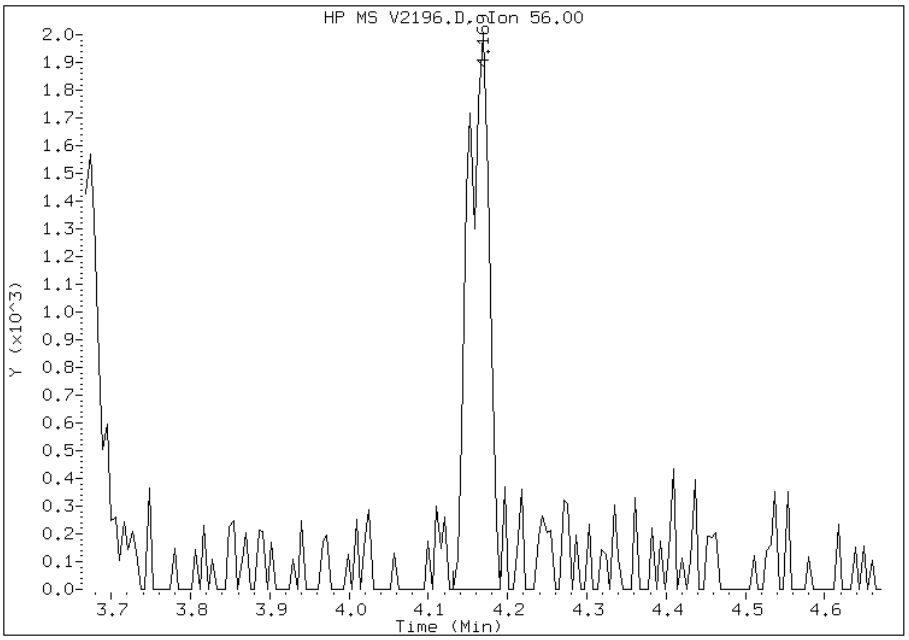
Processing Integration Results

RT: 4.17

Response: 3676

Amount: 0

Conc: 0



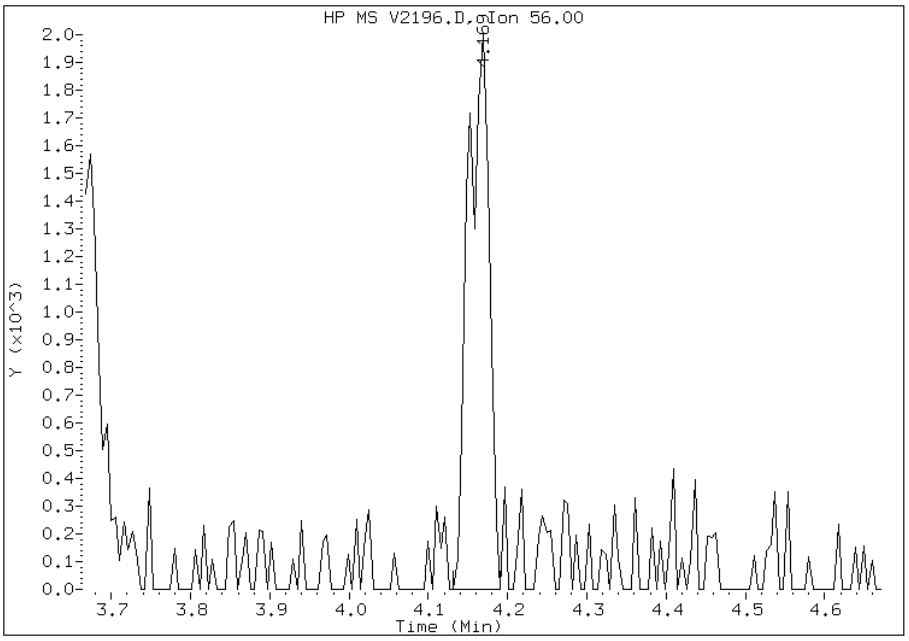
Manual Integration Results

RT: 4.17

Response: 3676

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/14/2011

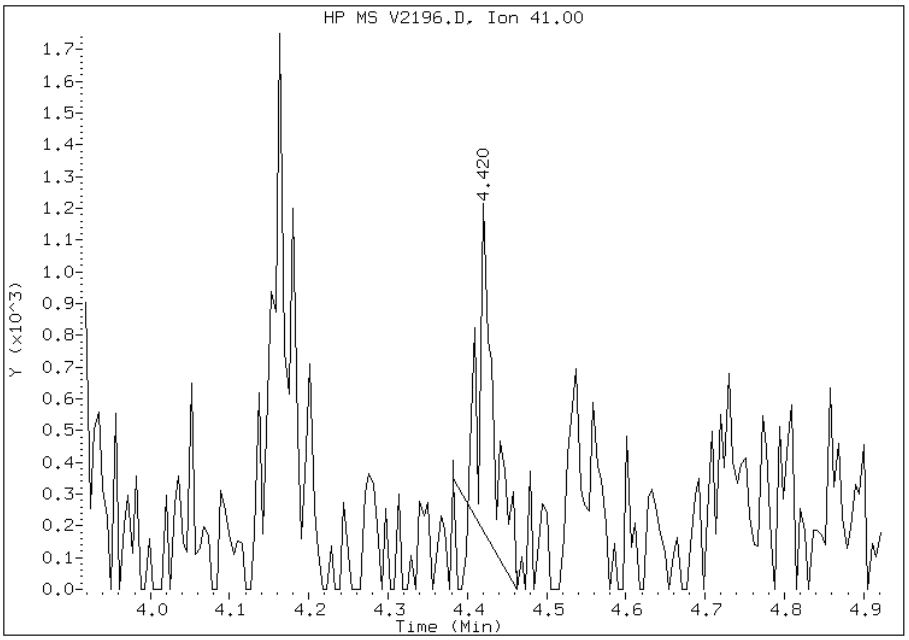
Processing Integration Results

RT: 4.42

Response: 1122

Amount: 0

Conc: 0



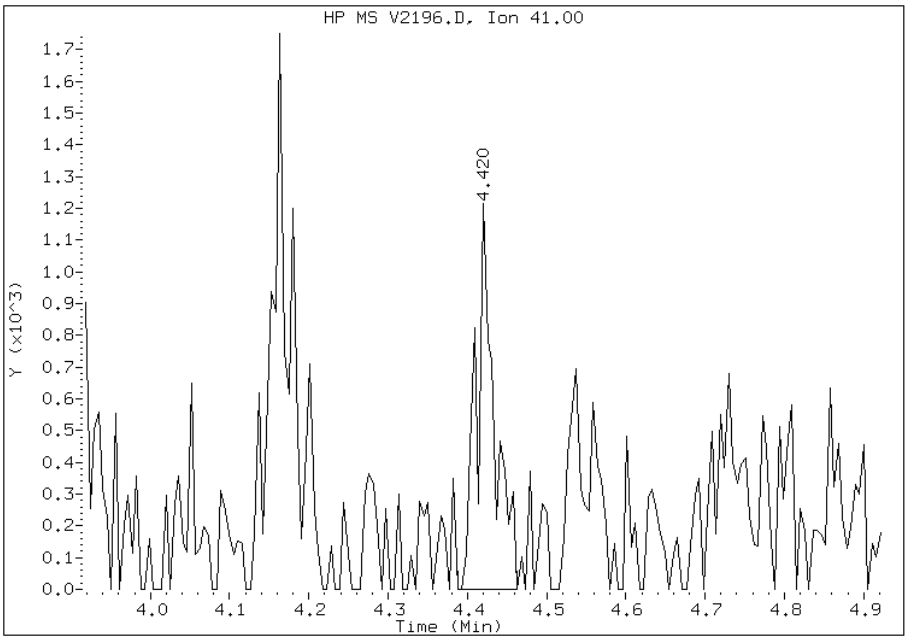
Manual Integration Results

RT: 4.42

Response: 1904

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 07/14/2011

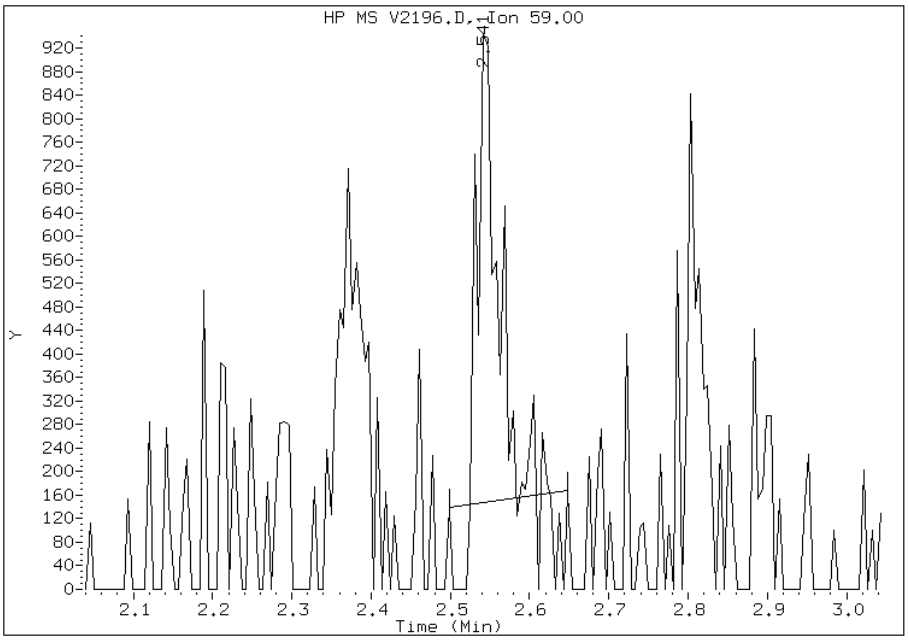
Processing Integration Results

RT: 2.54

Response: 1108

Amount: 2

Conc: 2



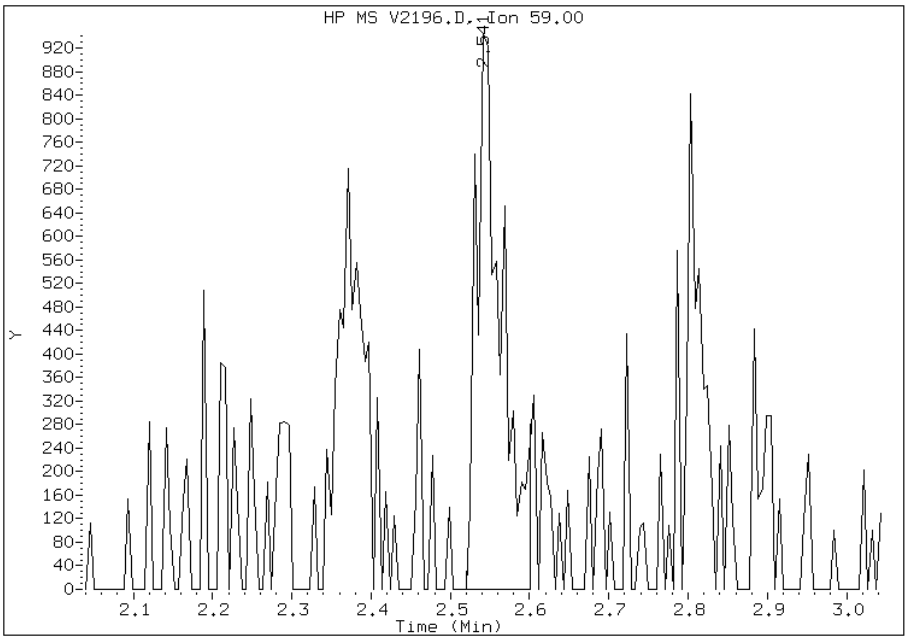
Manual Integration Results

RT: 2.54

Response: 2094

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

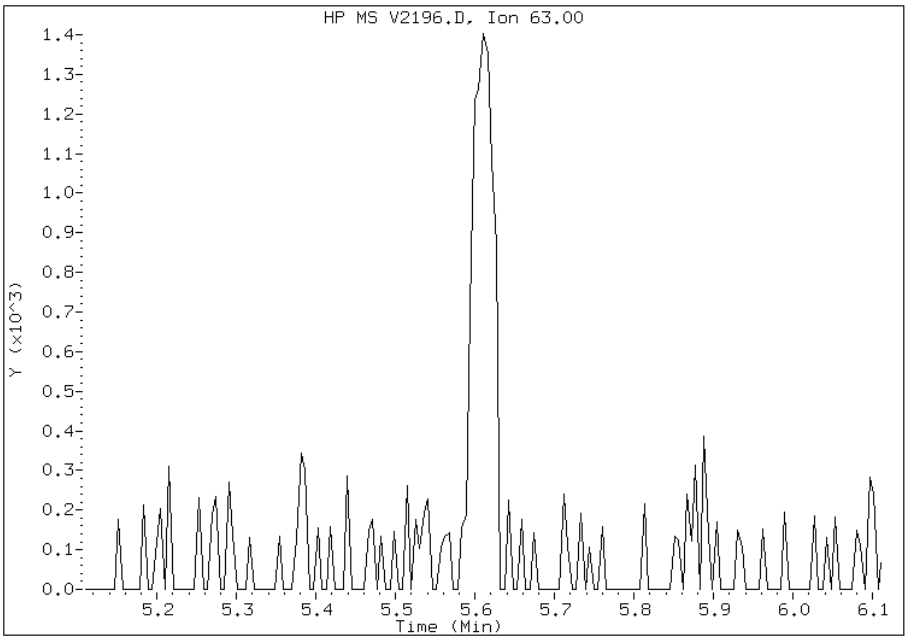
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 64 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.61



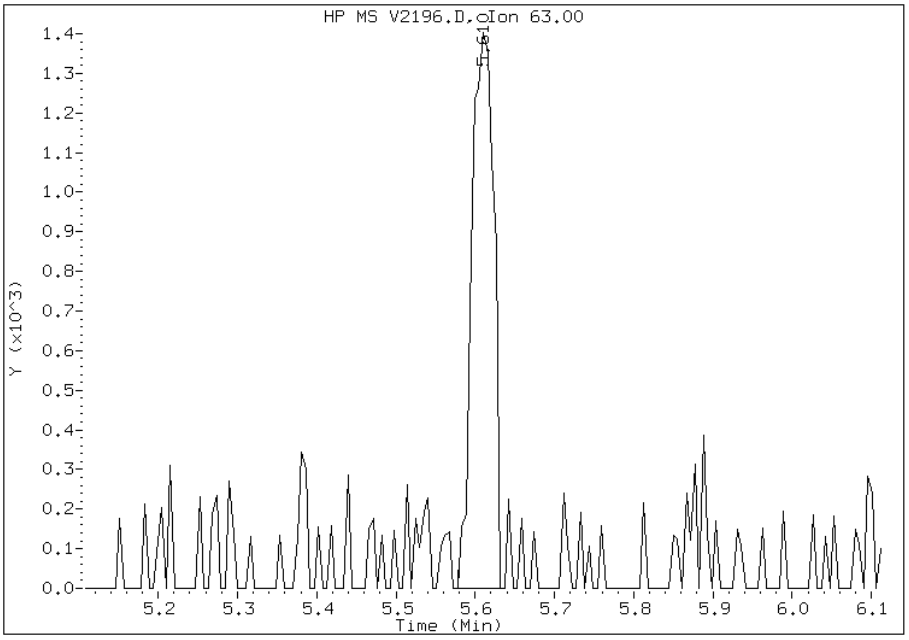
Manual Integration Results

RT: 5.61

Response: 2643

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

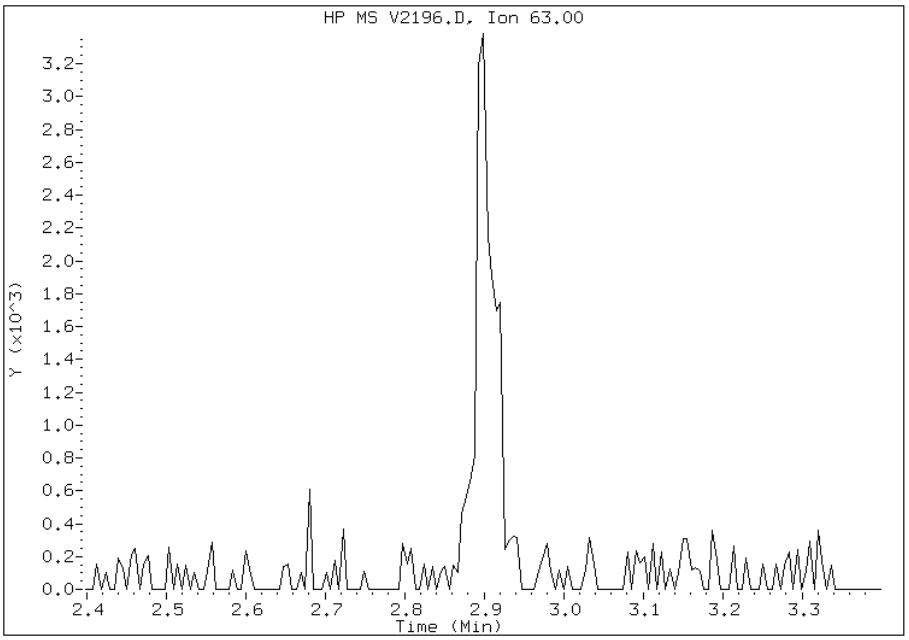
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.90



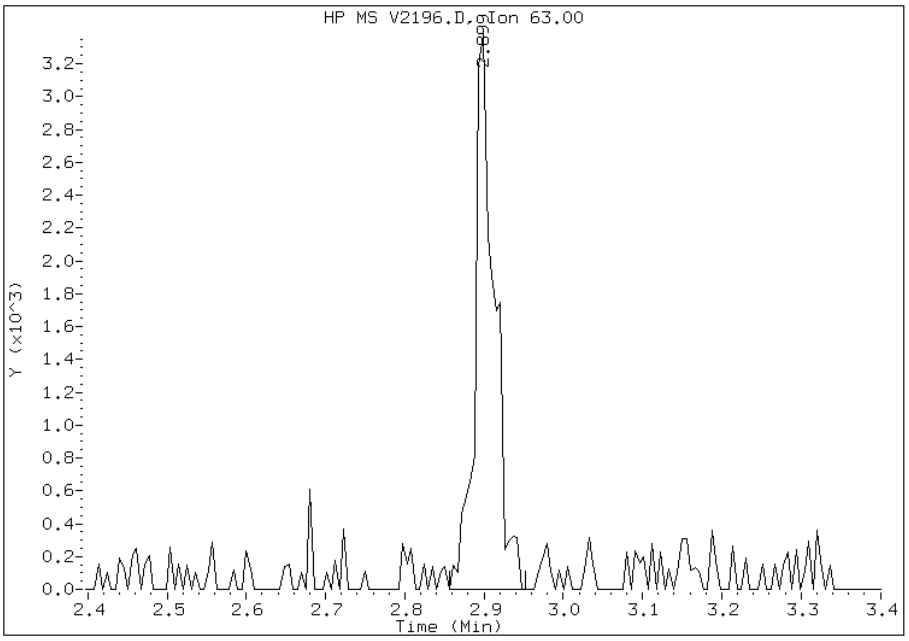
Manual Integration Results

RT: 2.90

Response: 5757

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

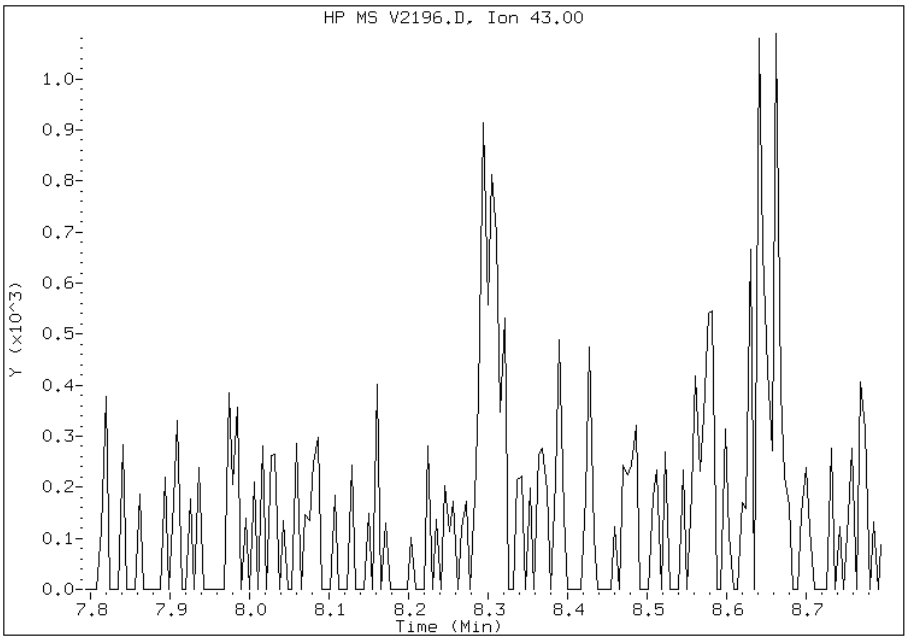
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 86 2-Hexanone
CAS #: 591-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 8.29



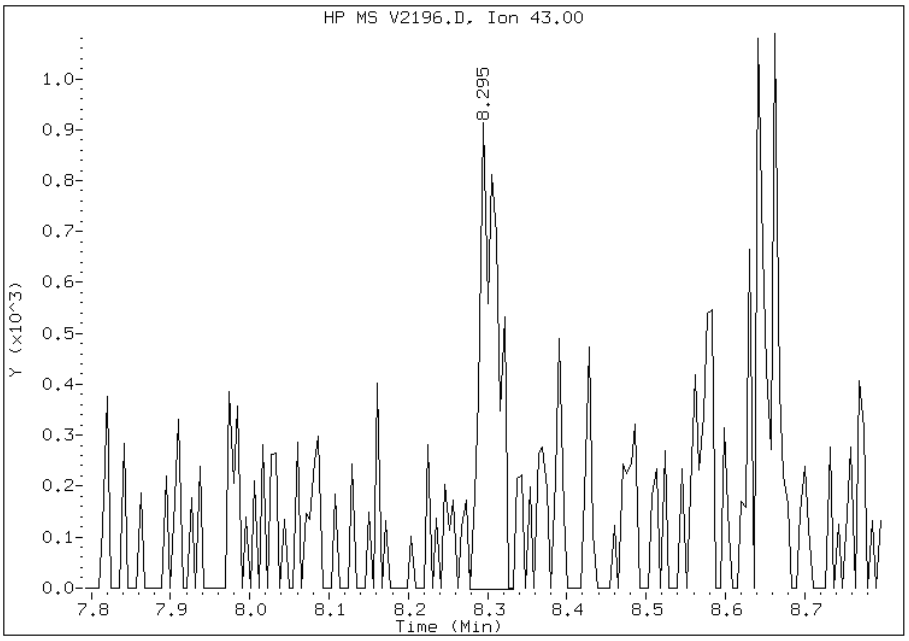
Manual Integration Results

RT: 8.29

Response: 1424

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 22 trans-1,2-Dichloroethene
CAS #: 156-60-5
Report Date: 07/14/2011

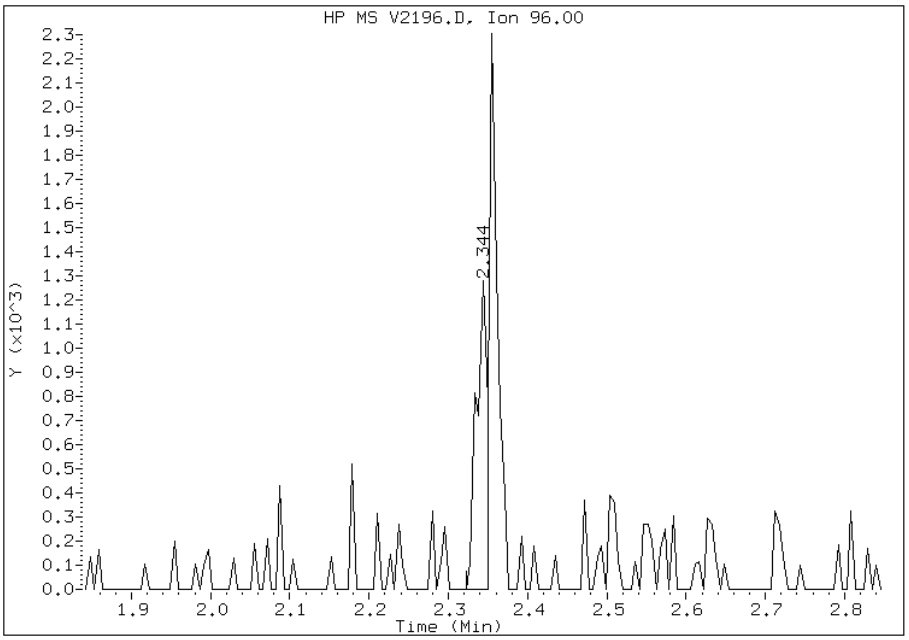
Processing Integration Results

RT: 2.34

Response: 1185

Amount: 0

Conc: 0



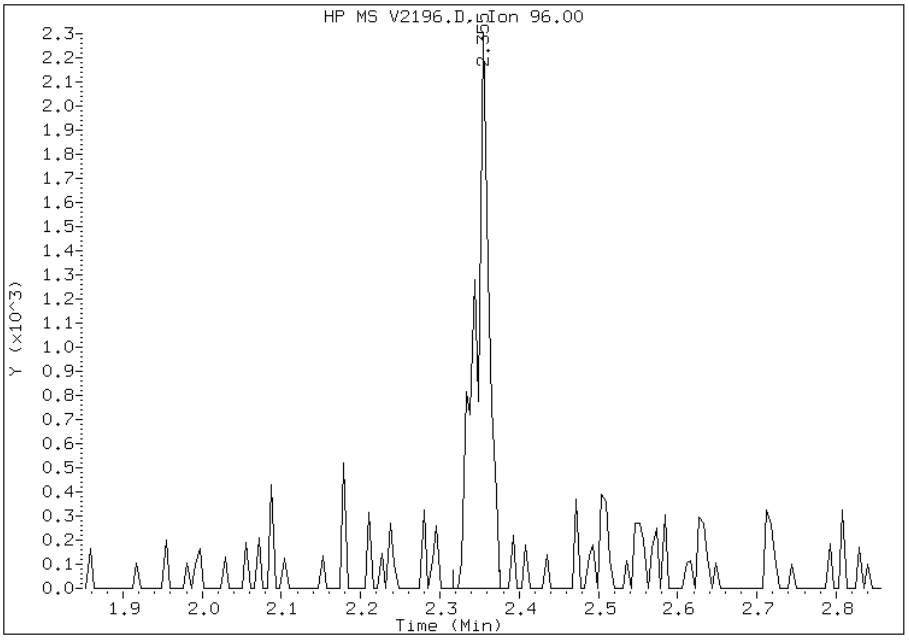
Manual Integration Results

RT: 2.35

Response: 2716

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 19 3-Chloro-1-Propene
CAS #: 107-05-1
Report Date: 07/14/2011

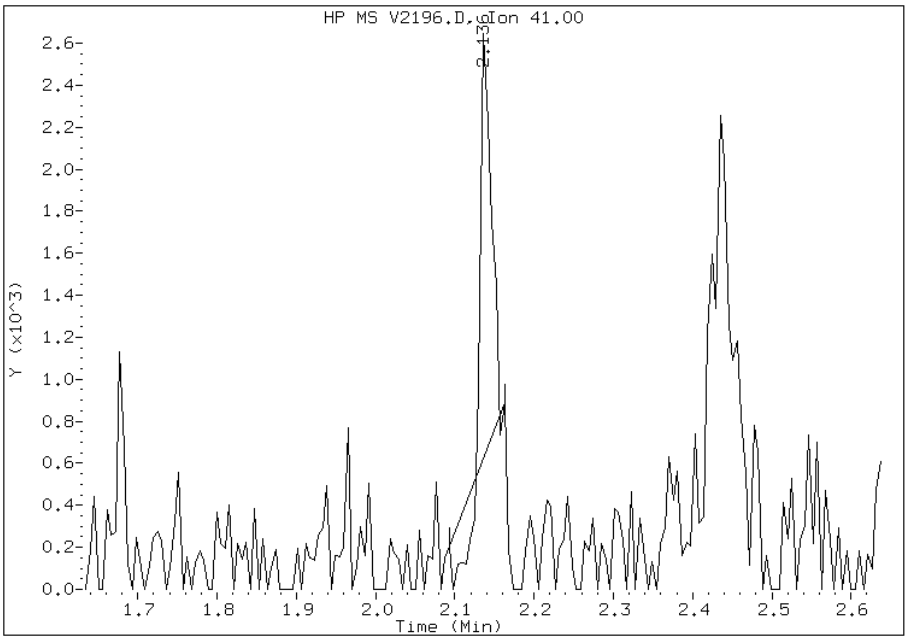
Processing Integration Results

RT: 2.14

Response: 1325

Amount: 0

Conc: 0



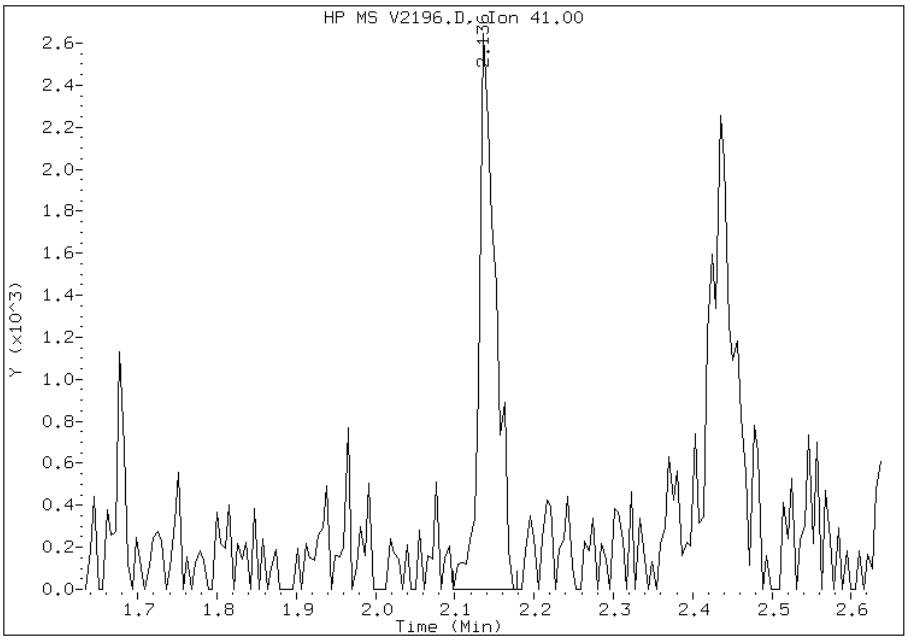
Manual Integration Results

RT: 2.14

Response: 3771

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

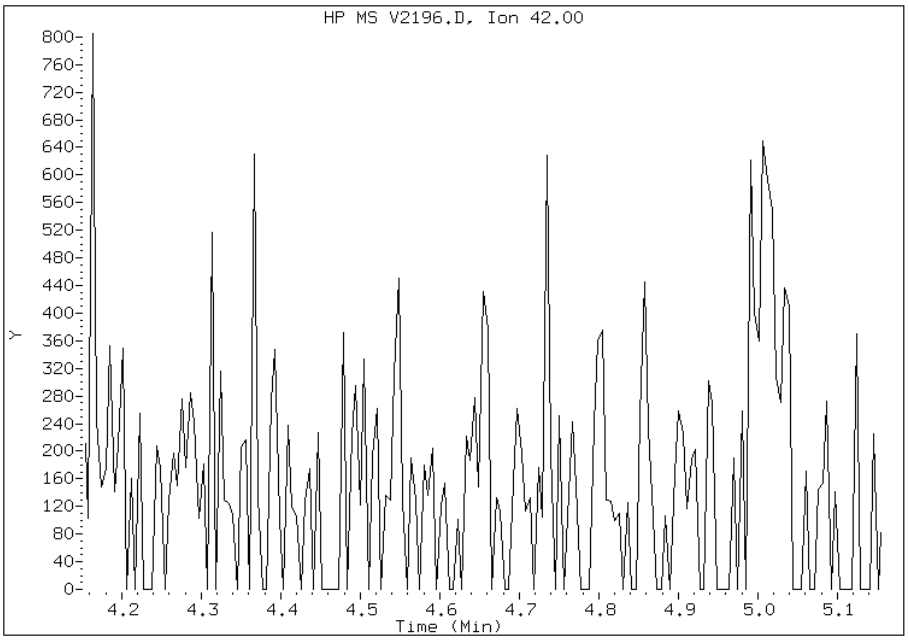
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.65



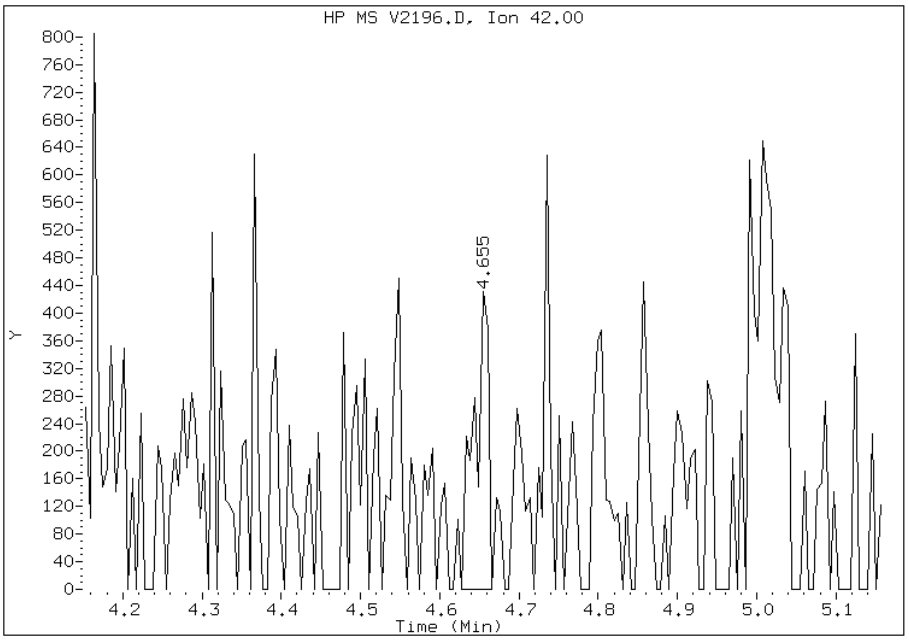
Manual Integration Results

RT: 4.65

Response: 526

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 44 1,1,1-Trichloroethane
CAS #: 71-55-6
Report Date: 07/14/2011

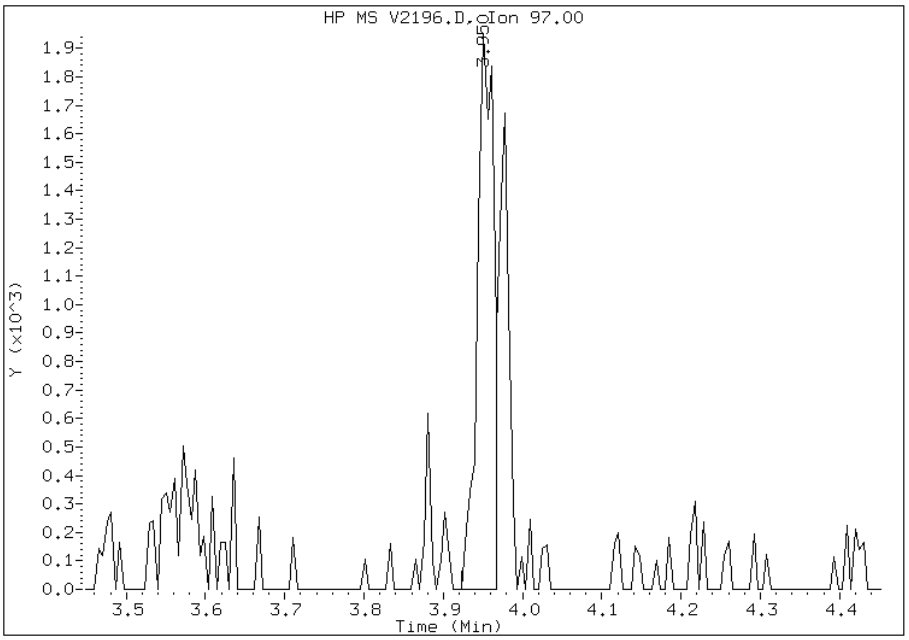
Processing Integration Results

RT: 3.95

Response: 2768

Amount: 0

Conc: 0



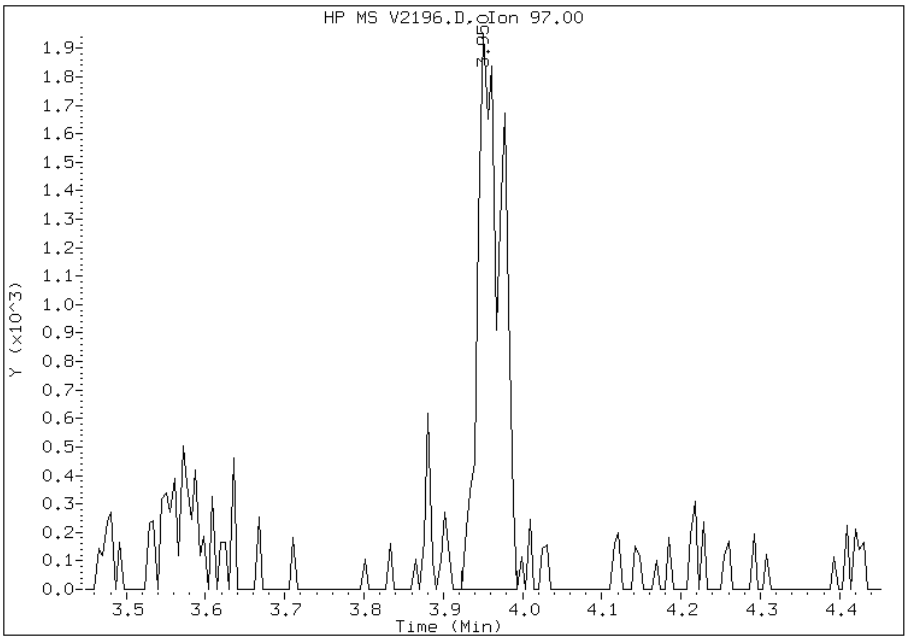
Manual Integration Results

RT: 3.95

Response: 4130

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 30 Acrylonitrile
CAS #: 107-13-1
Report Date: 07/14/2011

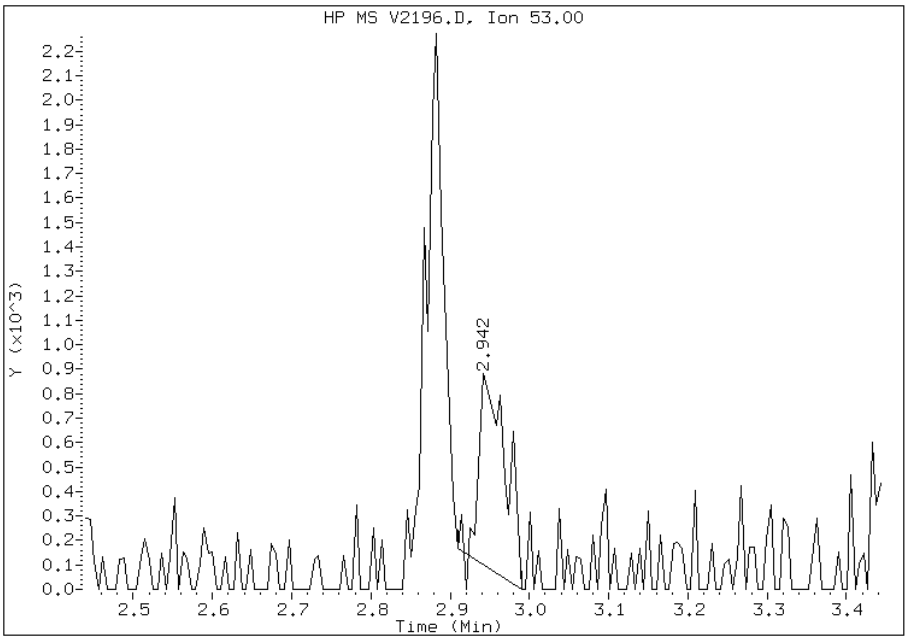
Processing Integration Results

RT: 2.94

Response: 1849

Amount: 1

Conc: 1



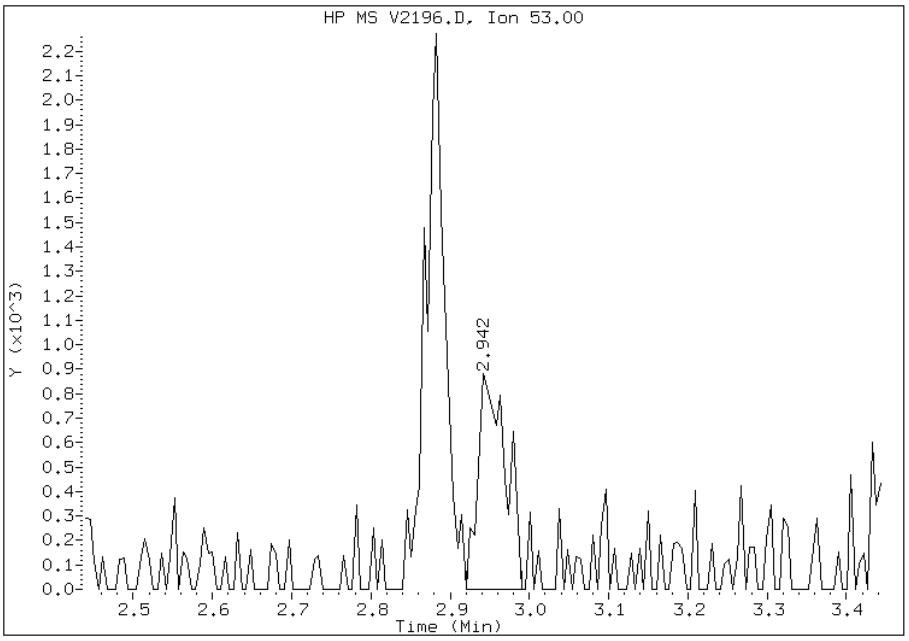
Manual Integration Results

RT: 2.94

Response: 2125

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 60 Trichloroethene
CAS #: 79-01-6
Report Date: 07/14/2011

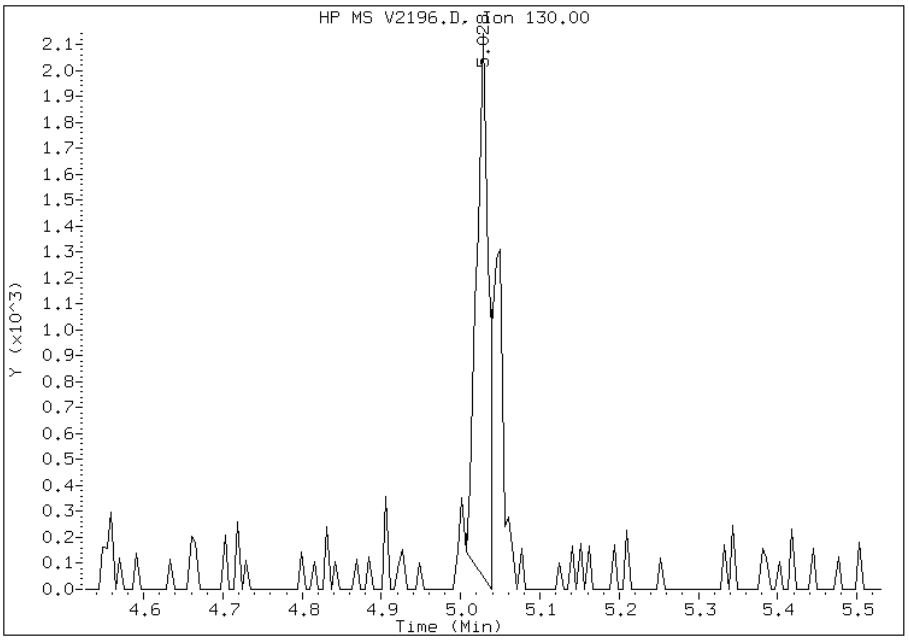
Processing Integration Results

RT: 5.03

Response: 2217

Amount: 0

Conc: 0



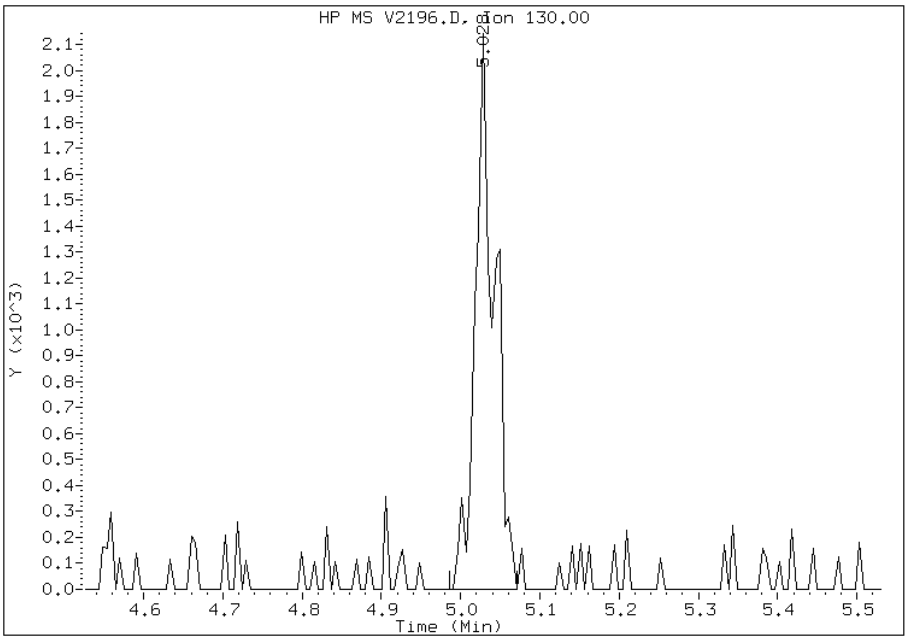
Manual Integration Results

RT: 5.03

Response: 3569

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

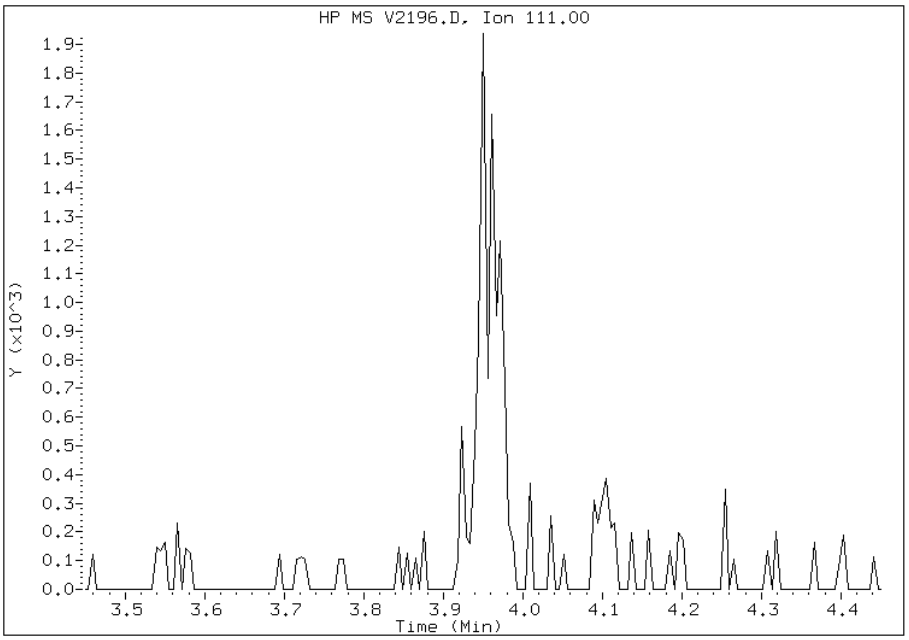
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 41 Dibromofluoromethane
CAS #: 1868-53-7
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.95



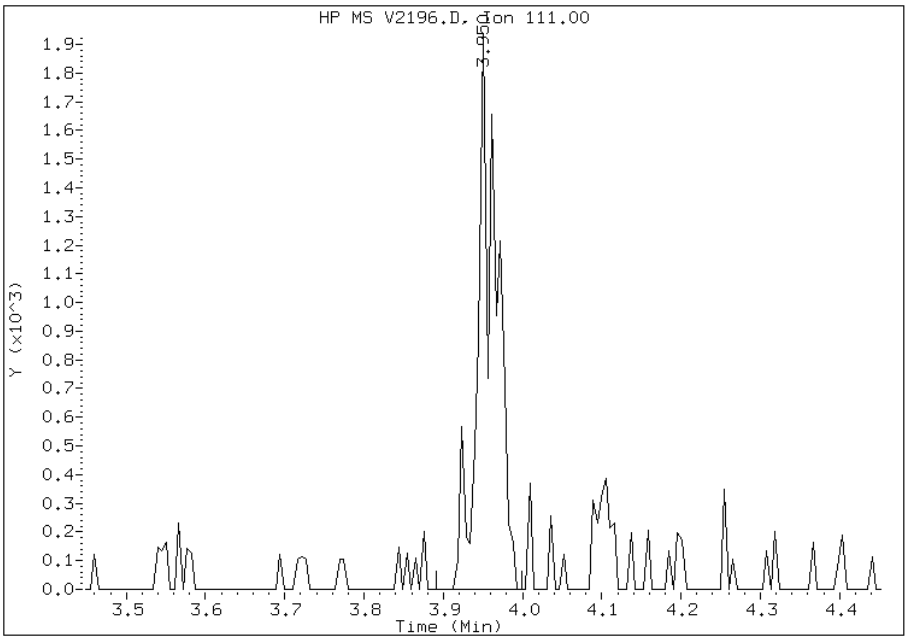
Manual Integration Results

RT: 3.95

Response: 3195

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

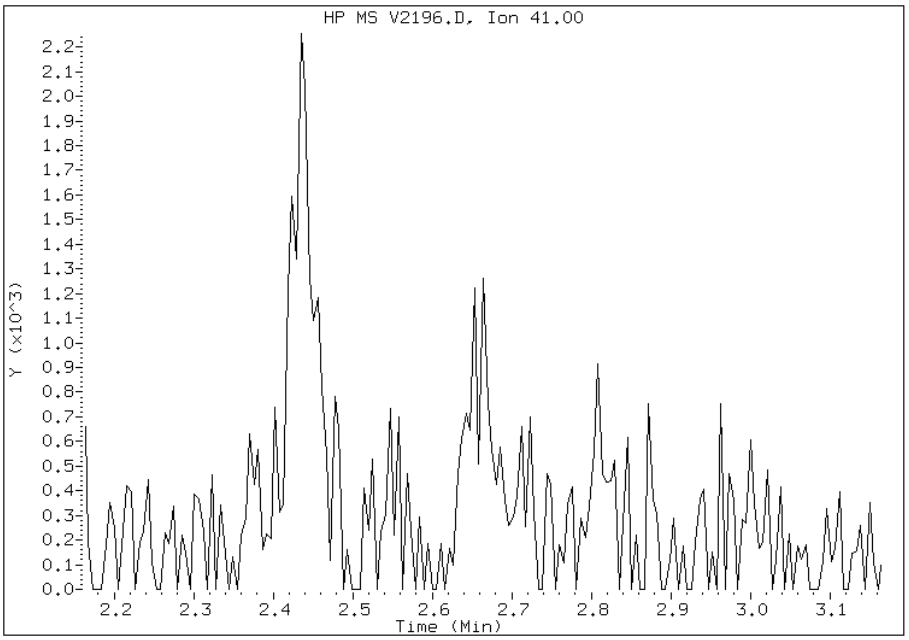
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.66



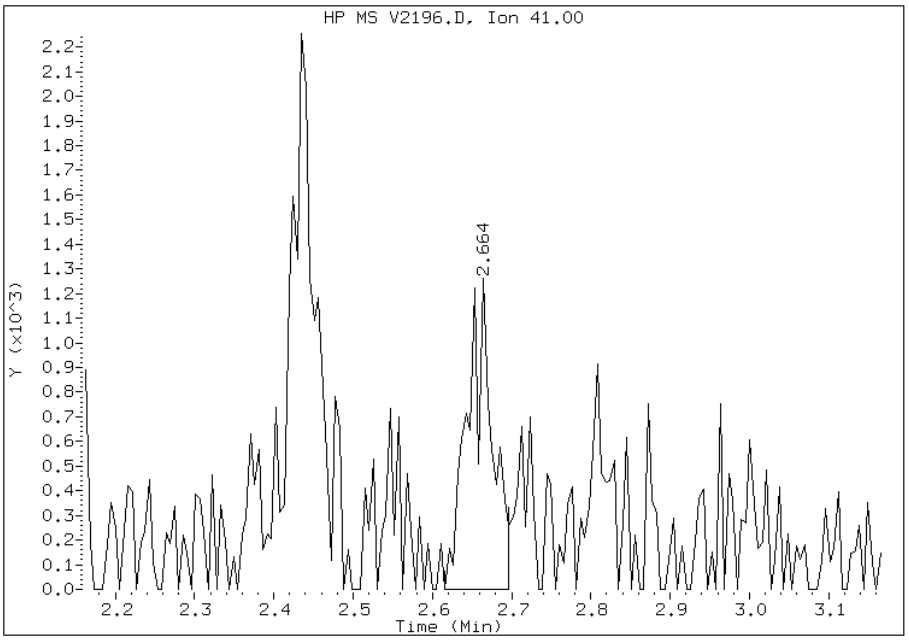
Manual Integration Results

RT: 2.66

Response: 2769

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 27 Isopropyl ether
CAS #: 108-20-3
Report Date: 07/14/2011

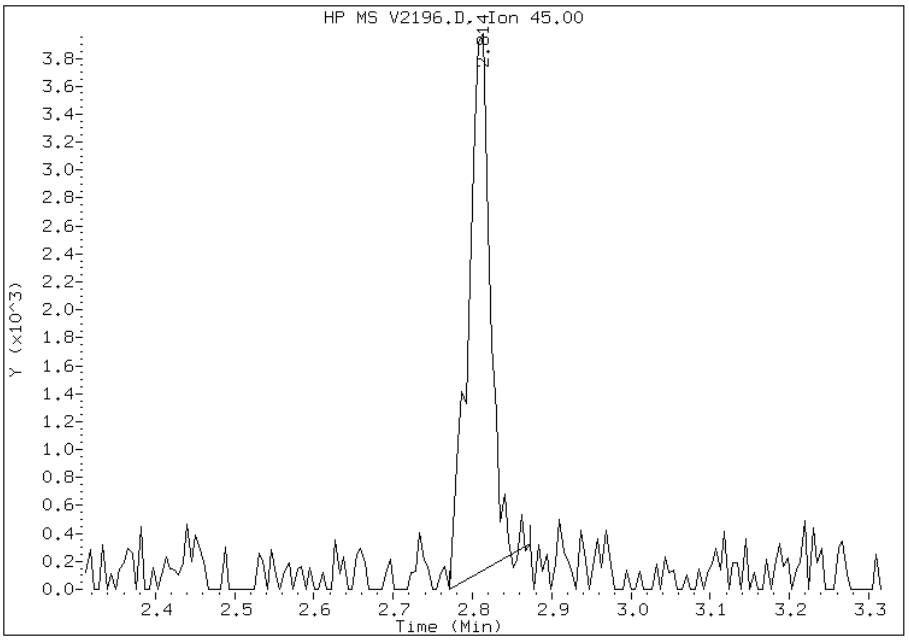
Processing Integration Results

RT: 2.81

Response: 7367

Amount: 0

Conc: 0



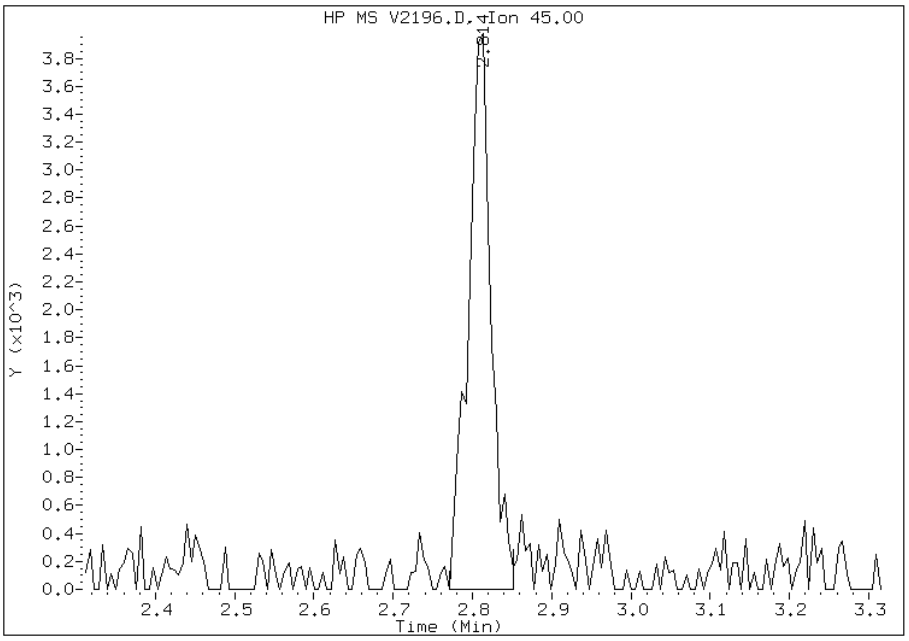
Manual Integration Results

RT: 2.81

Response: 7974

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 65 Bromodichloromethane
CAS #: 75-27-4
Report Date: 07/14/2011

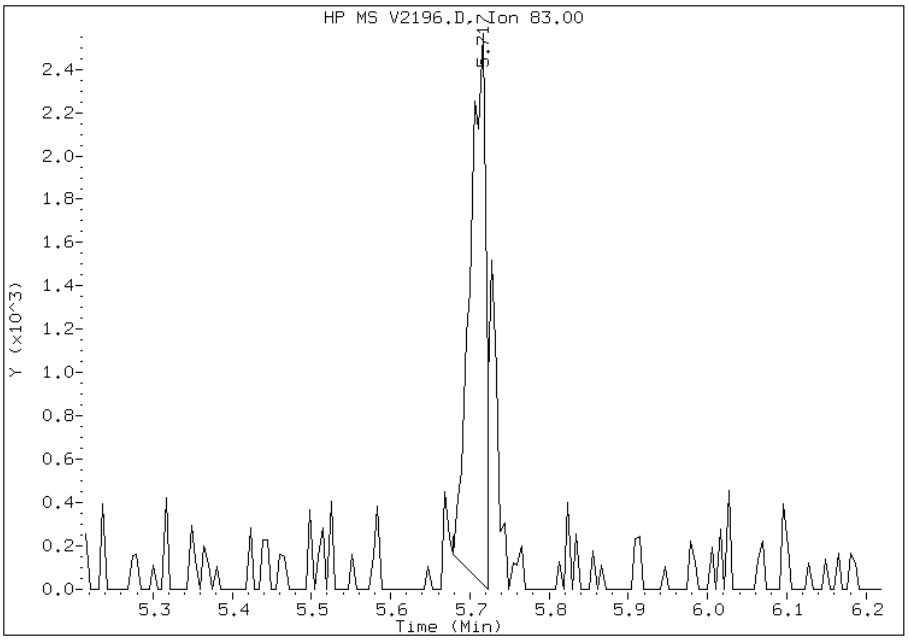
Processing Integration Results

RT: 5.72

Response: 3471

Amount: 0

Conc: 0



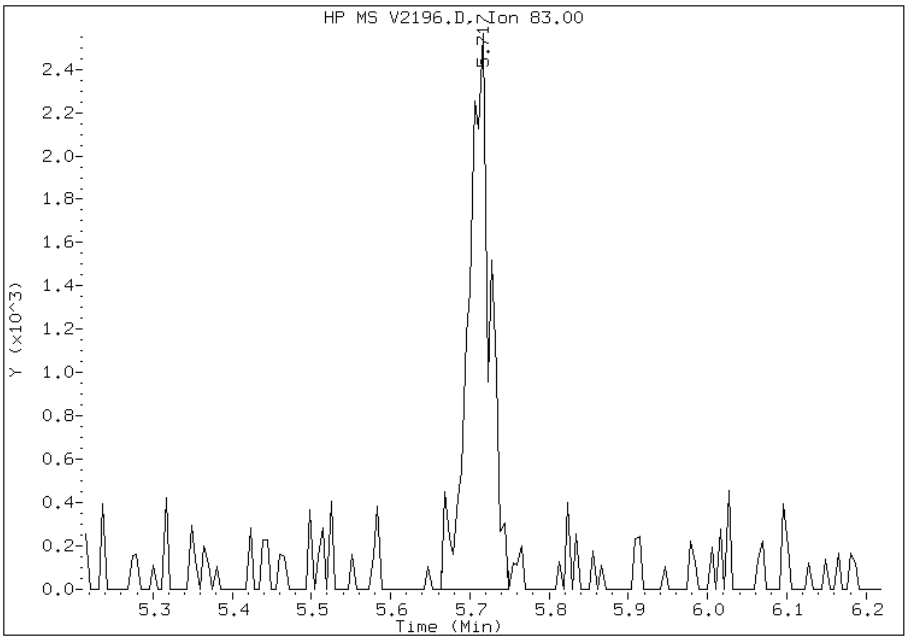
Manual Integration Results

RT: 5.72

Response: 4920

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

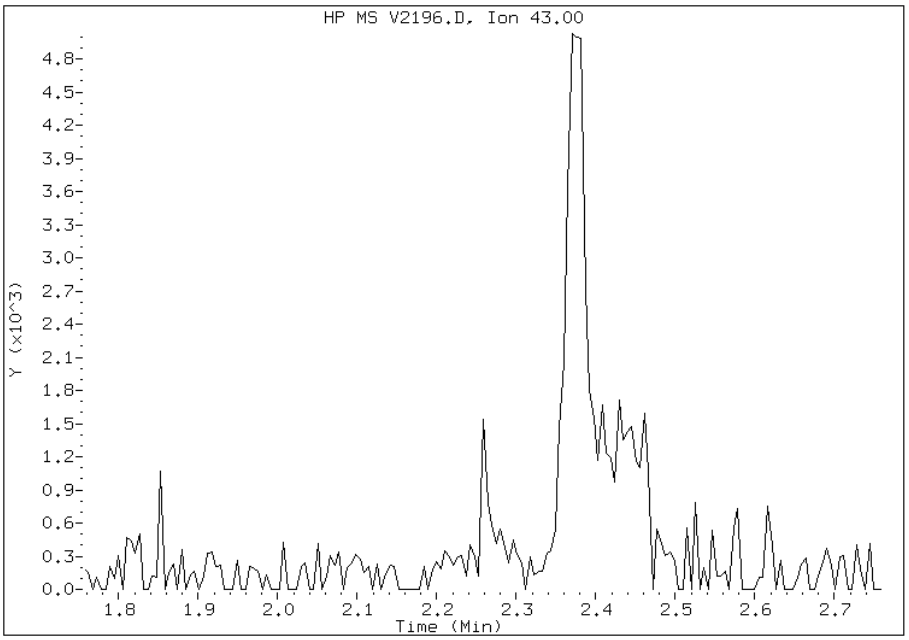
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.26



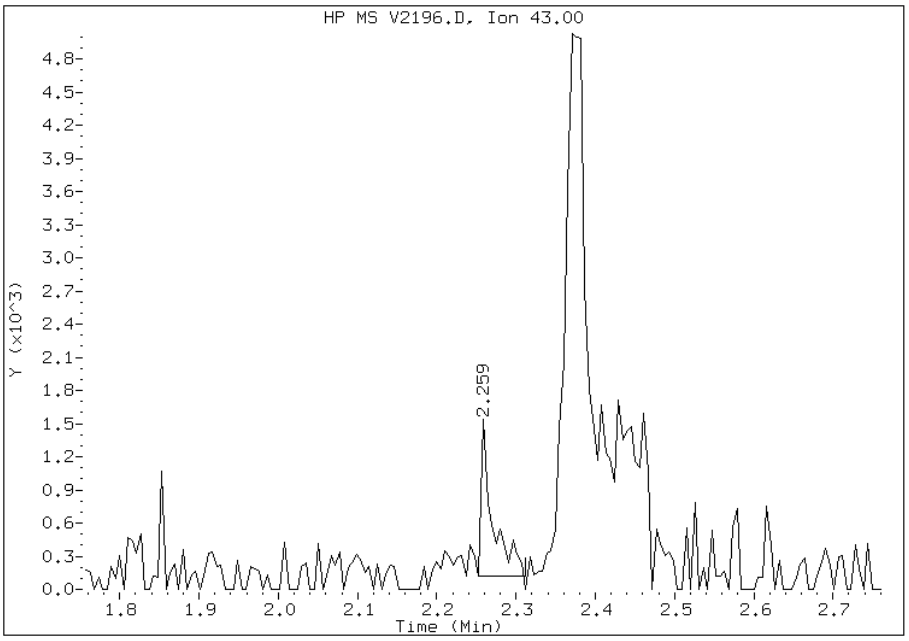
Manual Integration Results

RT: 2.26

Response: 1340

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

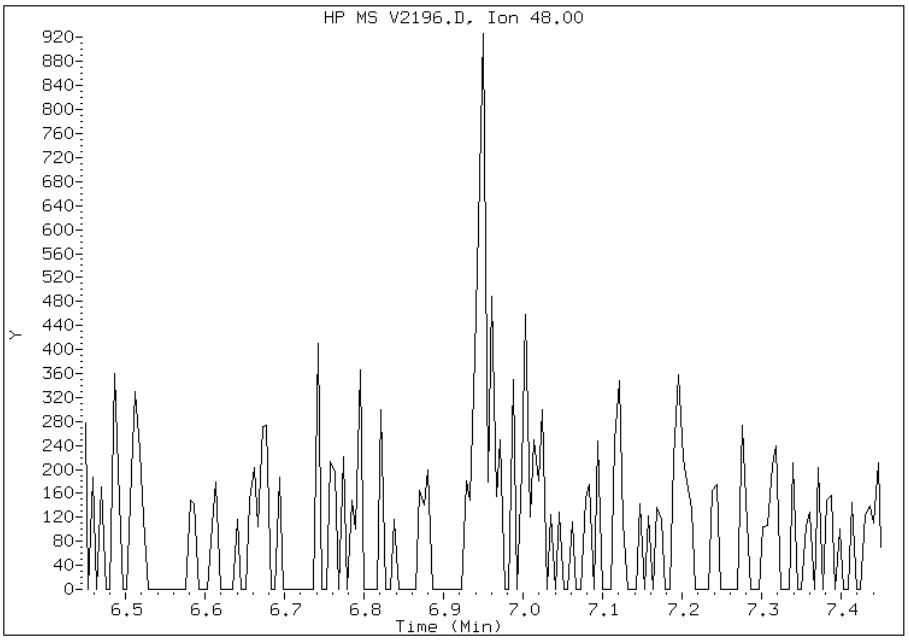
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 6.95



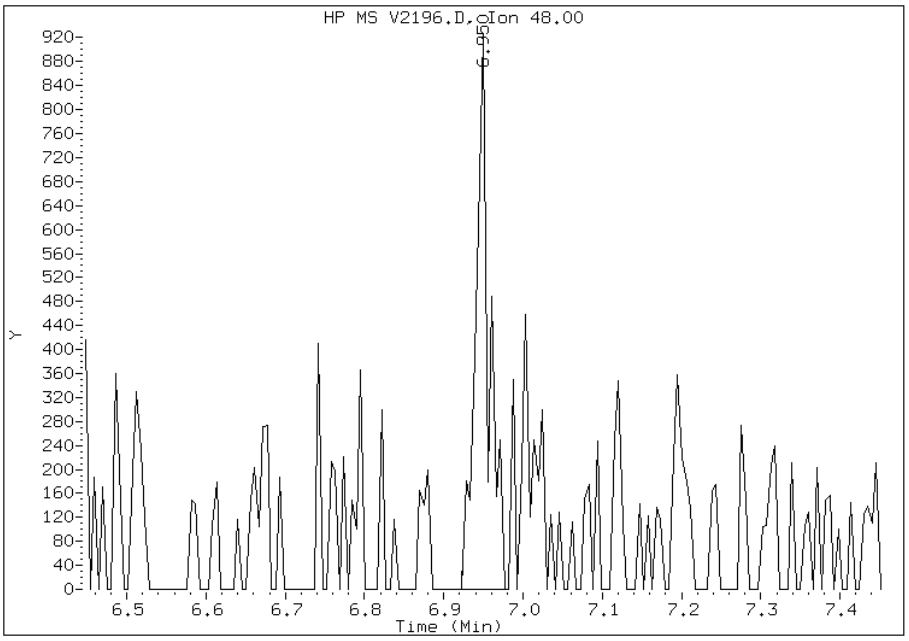
Manual Integration Results

RT: 6.95

Response: 1064

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

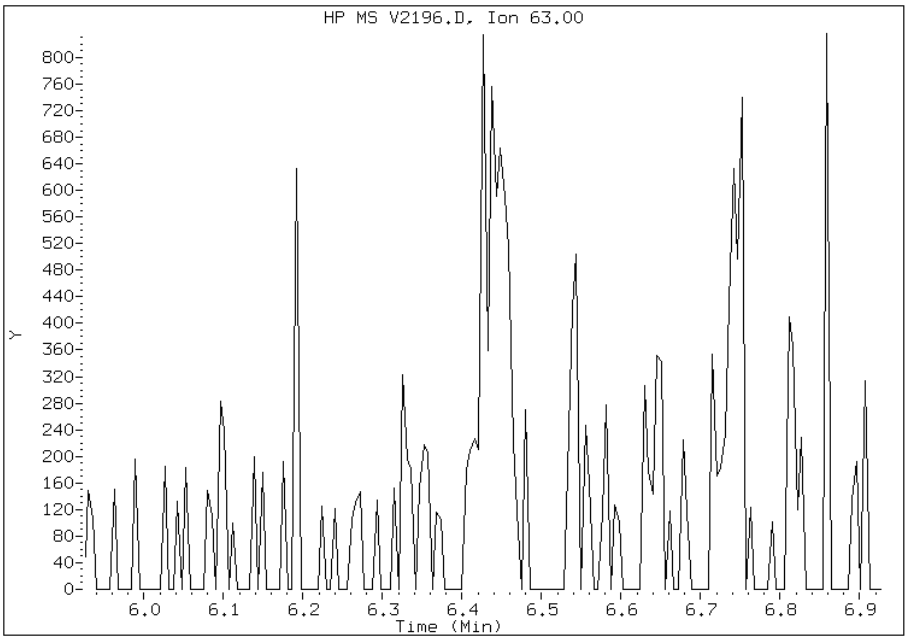
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 69 2-Chloroethylvinylether
CAS #: 110-75-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 6.43



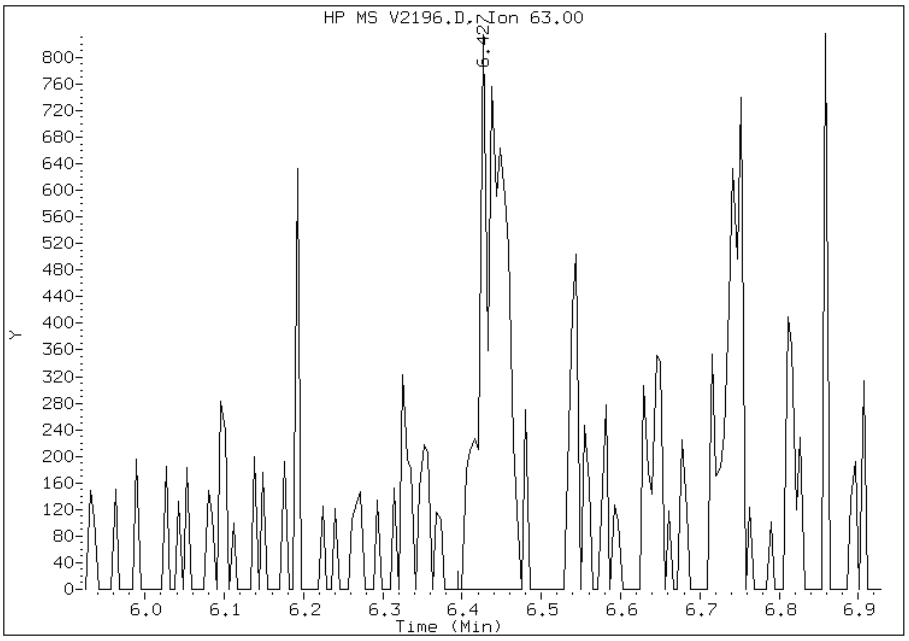
Manual Integration Results

RT: 6.43

Response: 1753

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

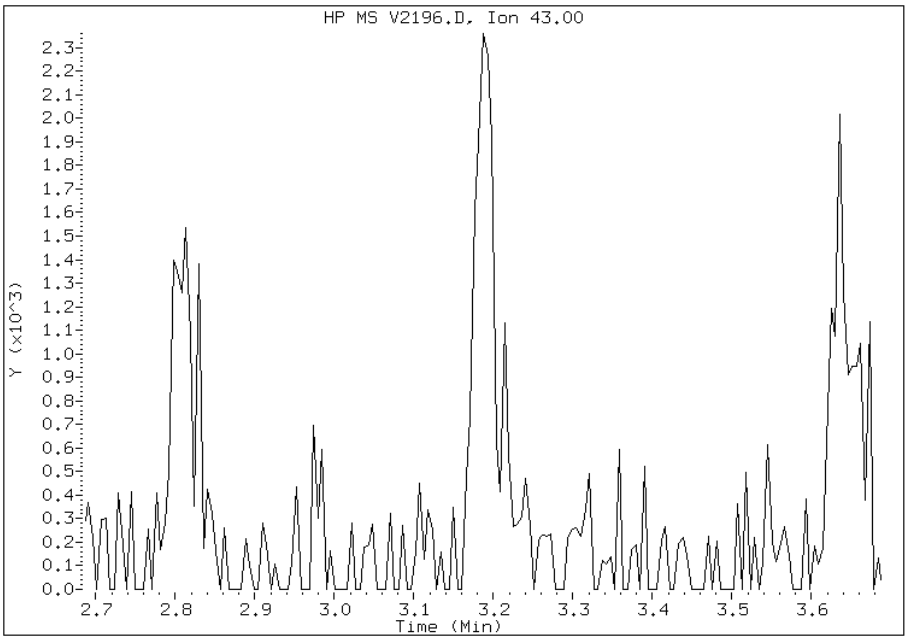
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.19



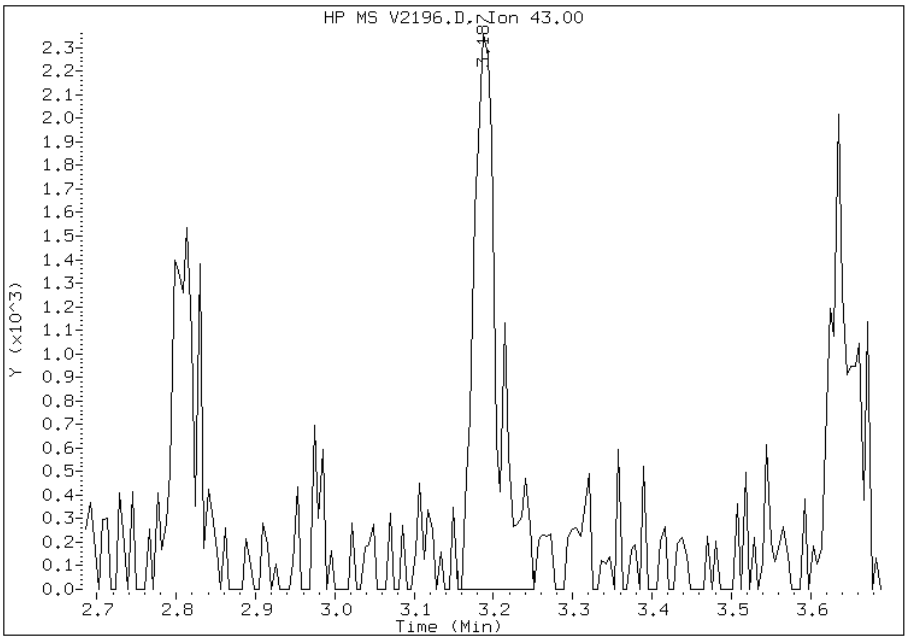
Manual Integration Results

RT: 3.19

Response: 4991

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

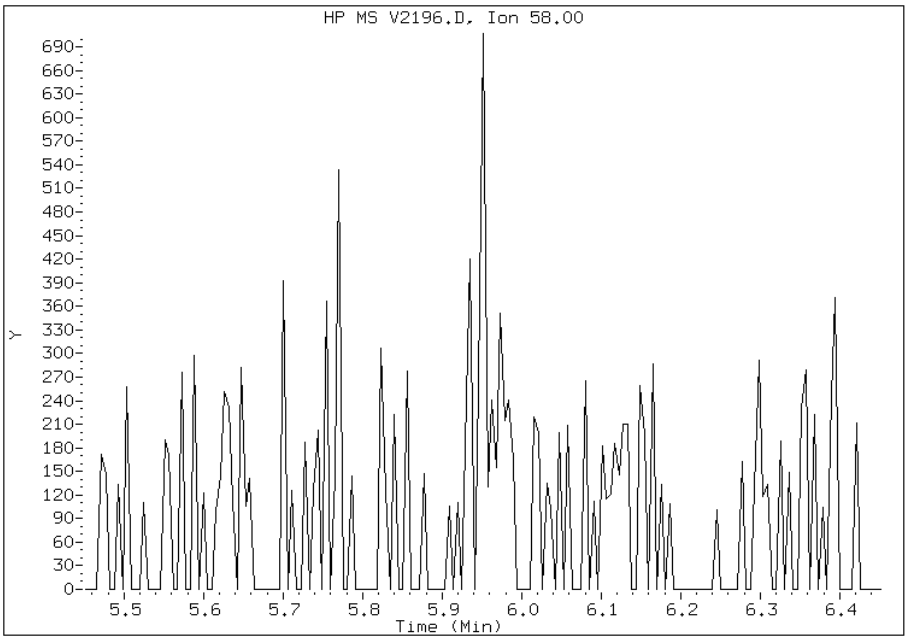
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.95



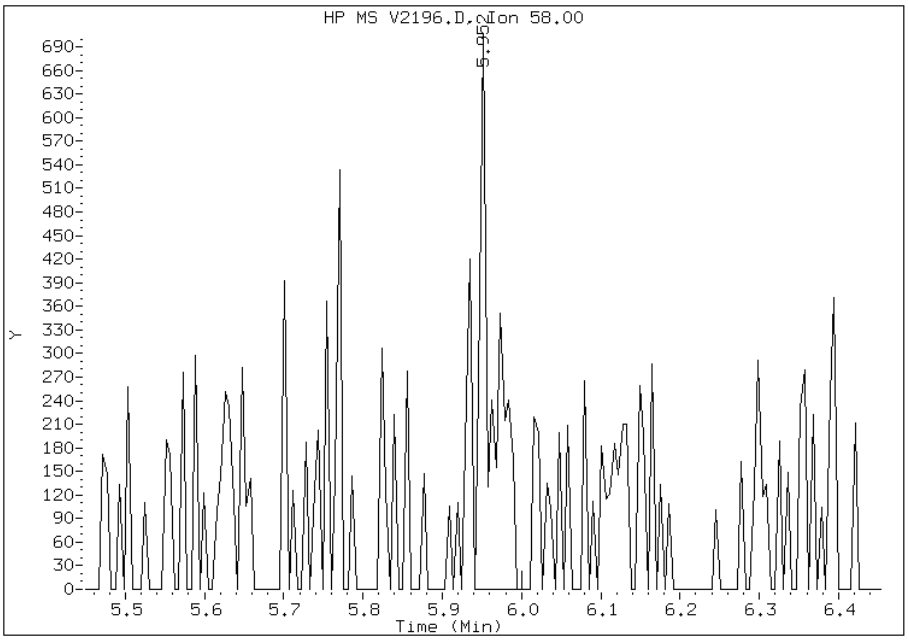
Manual Integration Results

RT: 5.95

Response: 789

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 07/14/2011

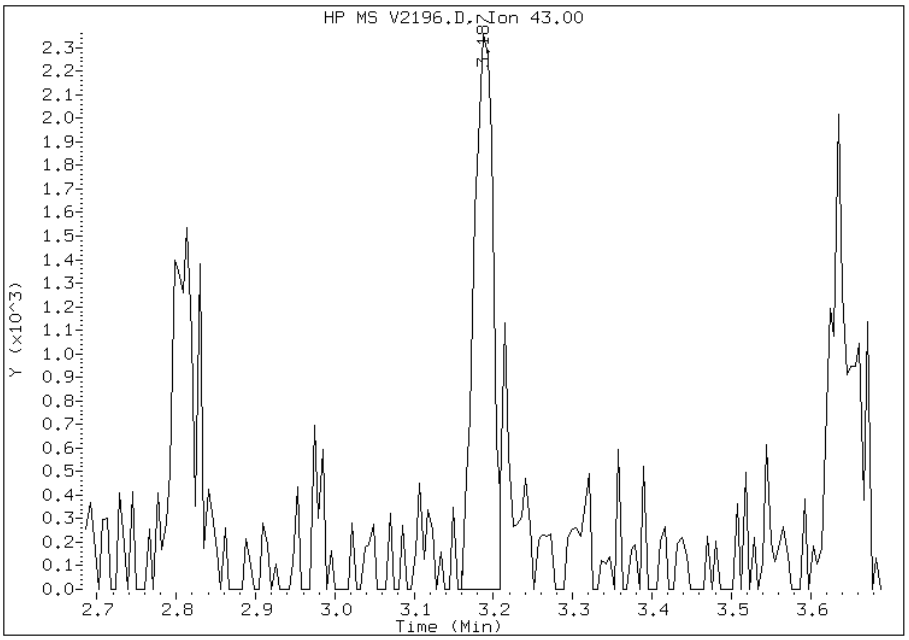
Processing Integration Results

RT: 3.19

Response: 3936

Amount: 0

Conc: 0



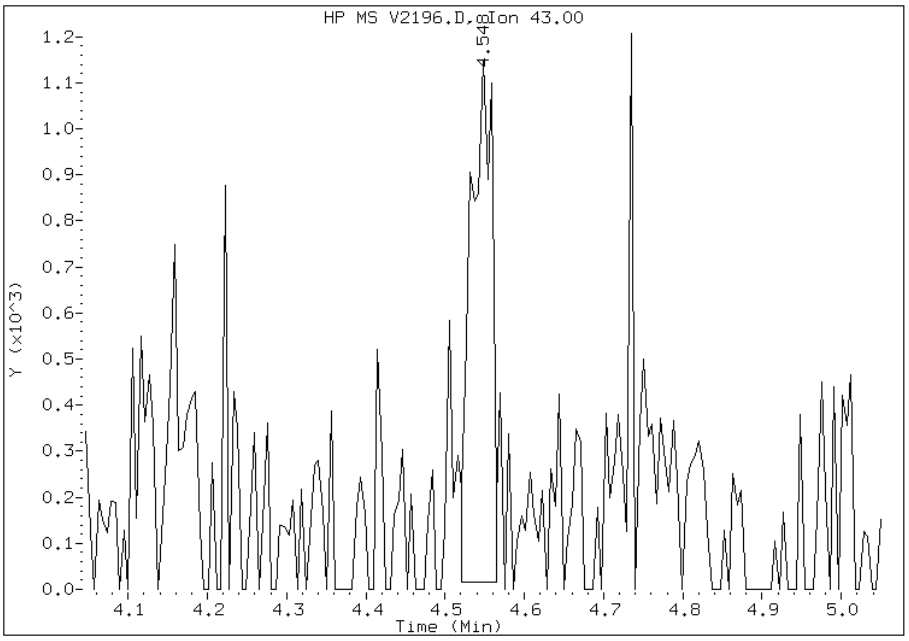
Manual Integration Results

RT: 4.55

Response: 2098

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

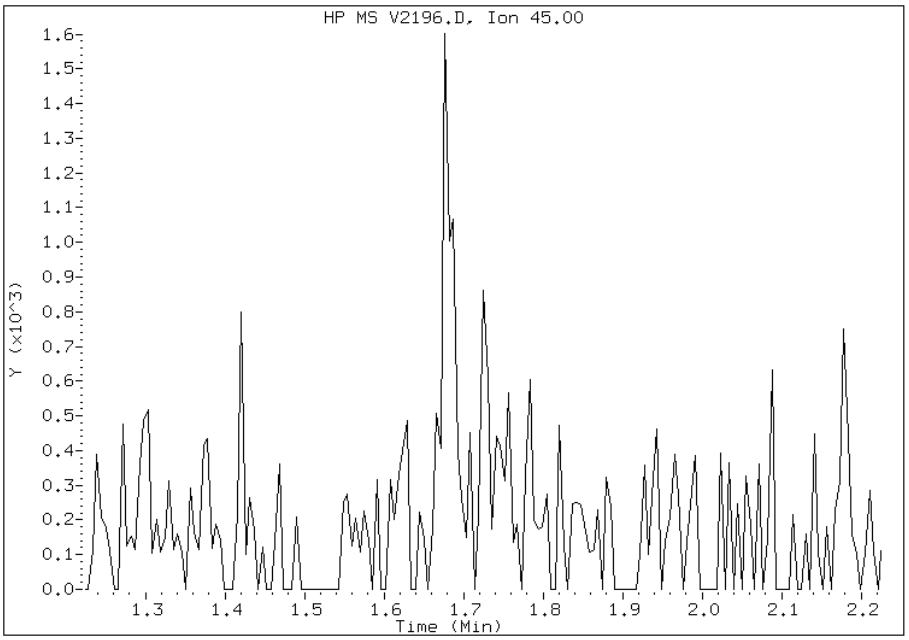
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.72



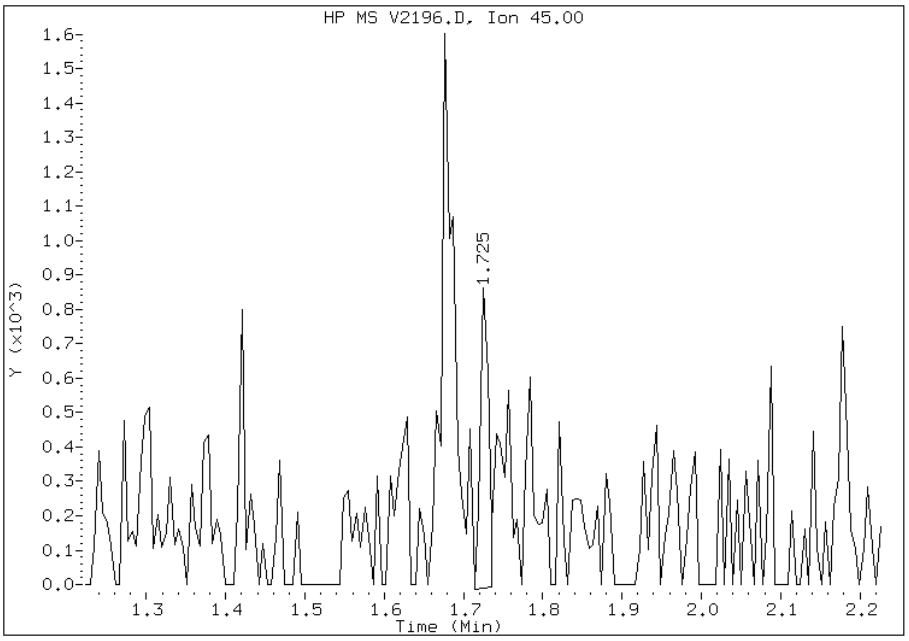
Manual Integration Results

RT: 1.72

Response: 615

Amount: 11

Conc: 11



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 43 Carbon Tetrachloride
CAS #: 56-23-5
Report Date: 07/14/2011

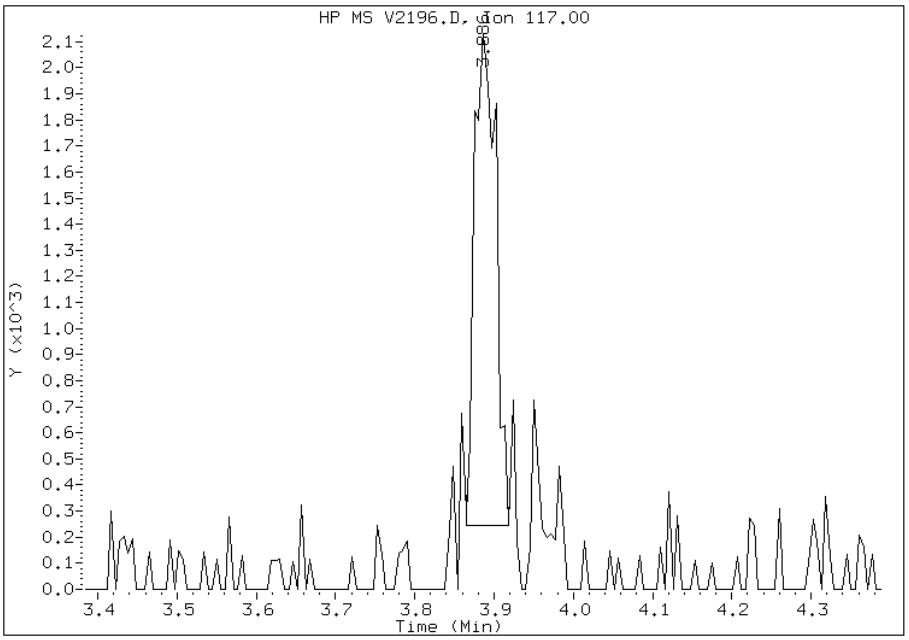
Processing Integration Results

RT: 3.89

Response: 3482

Amount: 0

Conc: 0



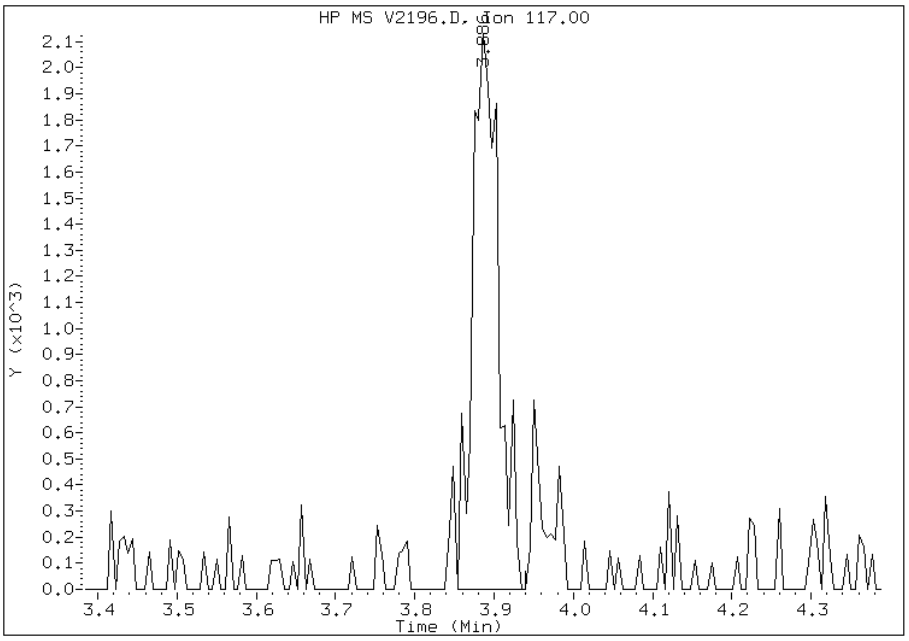
Manual Integration Results

RT: 3.89

Response: 4859

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 83 1,3-Dichloropropane
CAS #: 142-28-9
Report Date: 07/14/2011

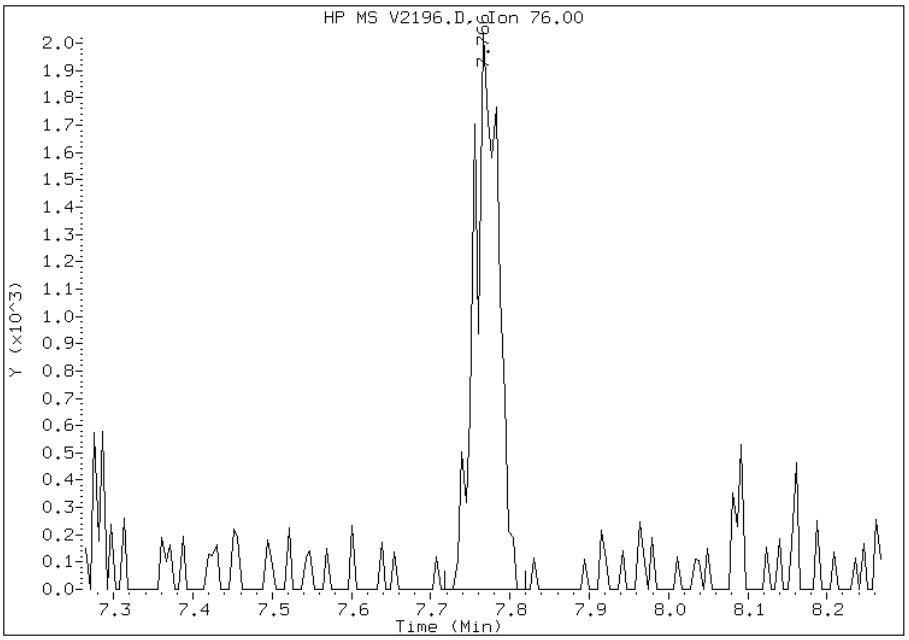
Processing Integration Results

RT: 7.77

Response: 4323

Amount: 0

Conc: 0



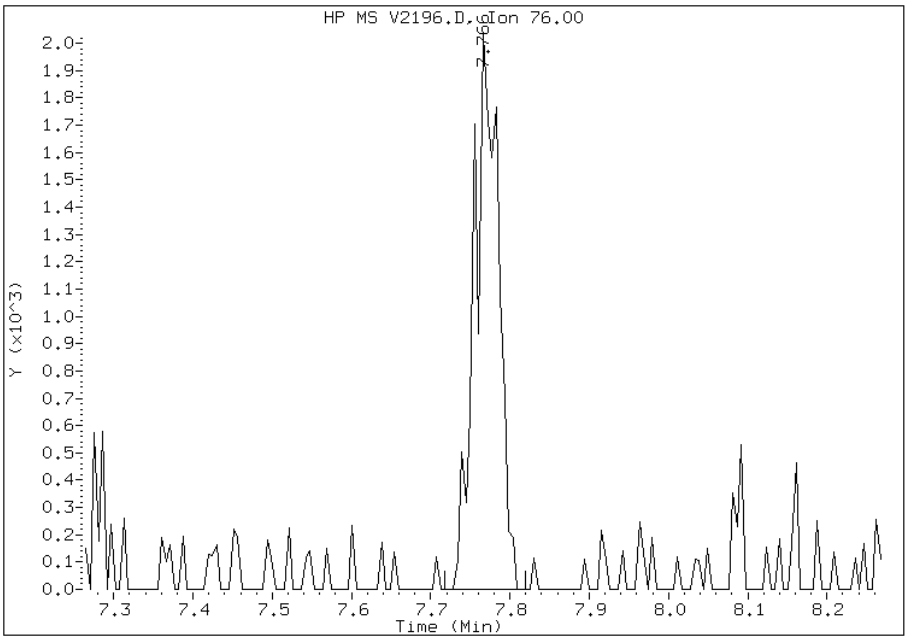
Manual Integration Results

RT: 7.77

Response: 4323

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 40 Methyl Acrylate
CAS #: 96-33-3
Report Date: 07/14/2011

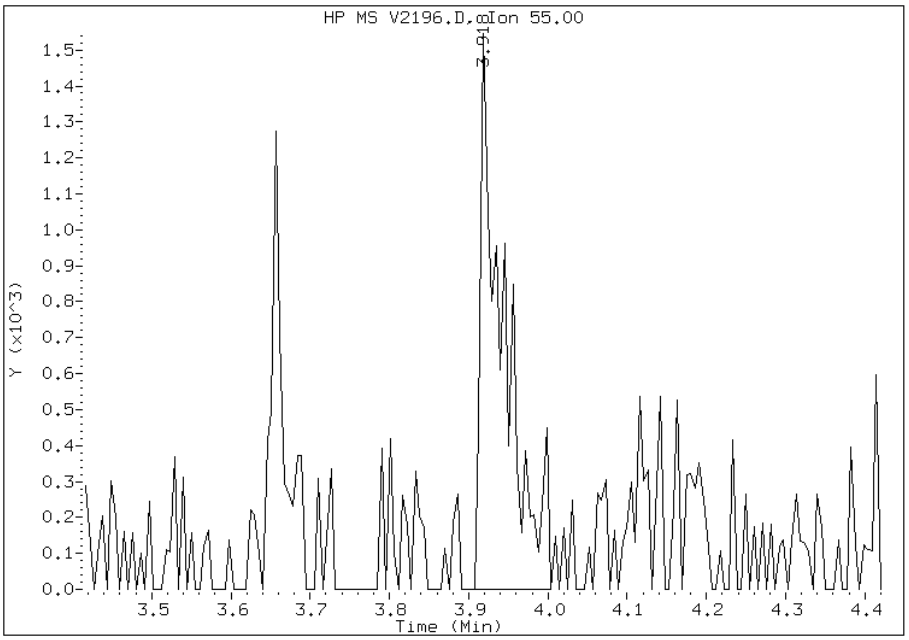
Processing Integration Results

RT: 3.92

Response: 3107

Amount: 1

Conc: 1



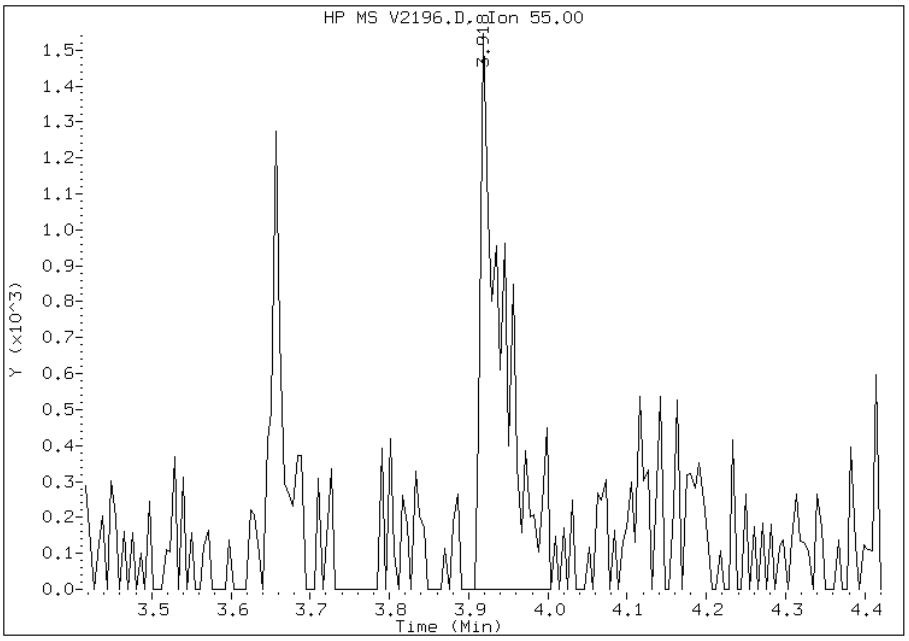
Manual Integration Results

RT: 3.92

Response: 3107

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

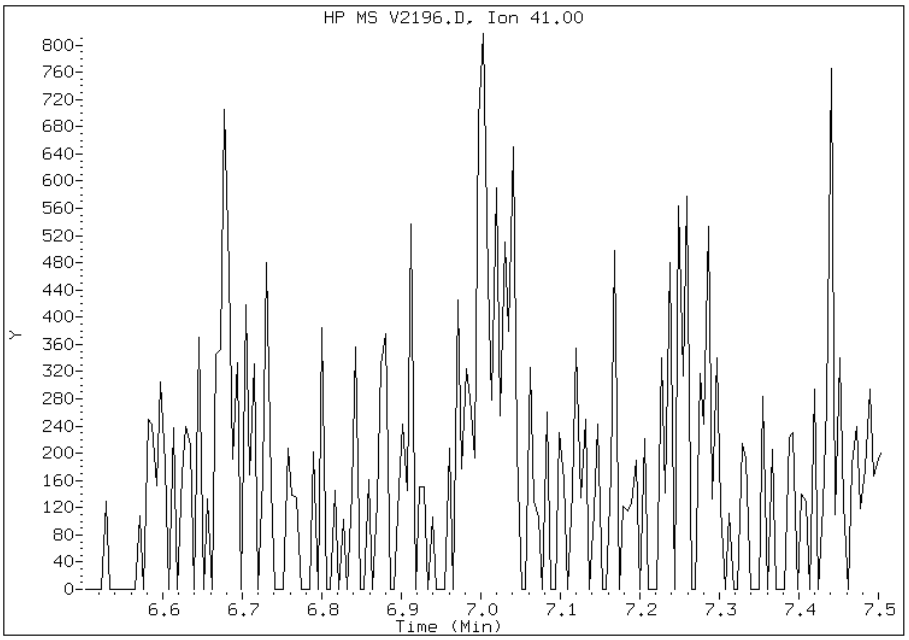
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 7.00



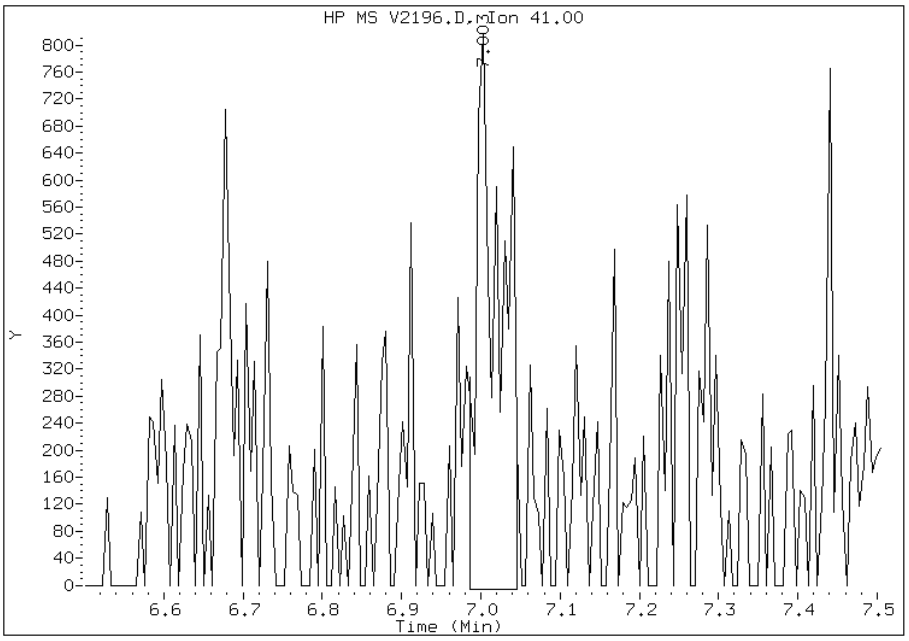
Manual Integration Results

RT: 7.00

Response: 1723

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

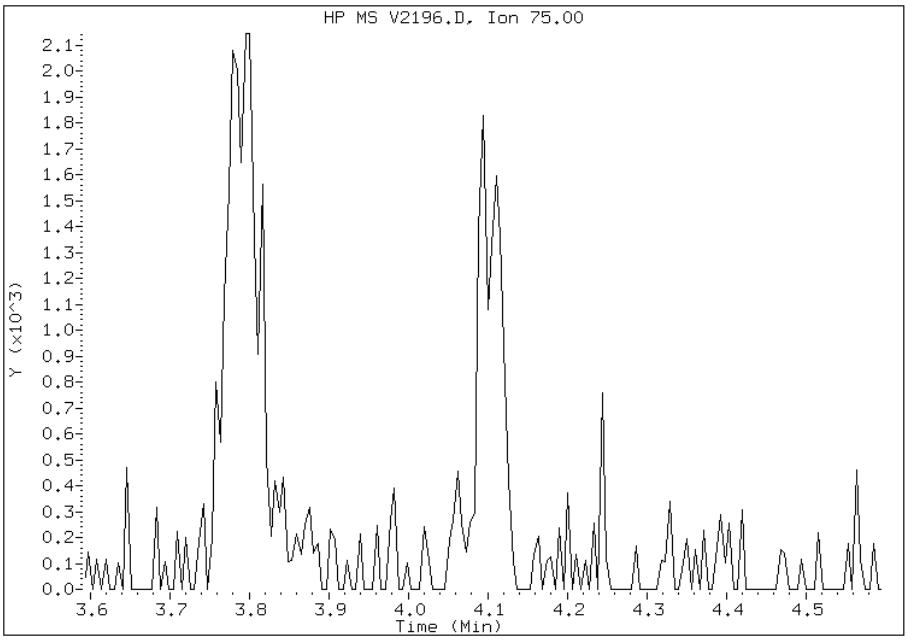
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 46 1,1-Dichloropropene
CAS #: 563-58-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.09



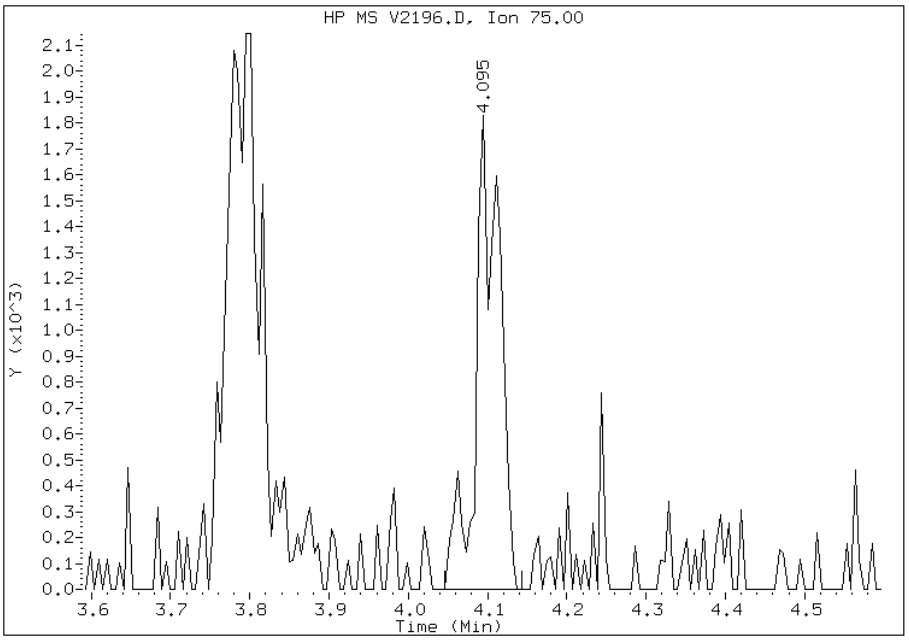
Manual Integration Results

RT: 4.09

Response: 3767

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

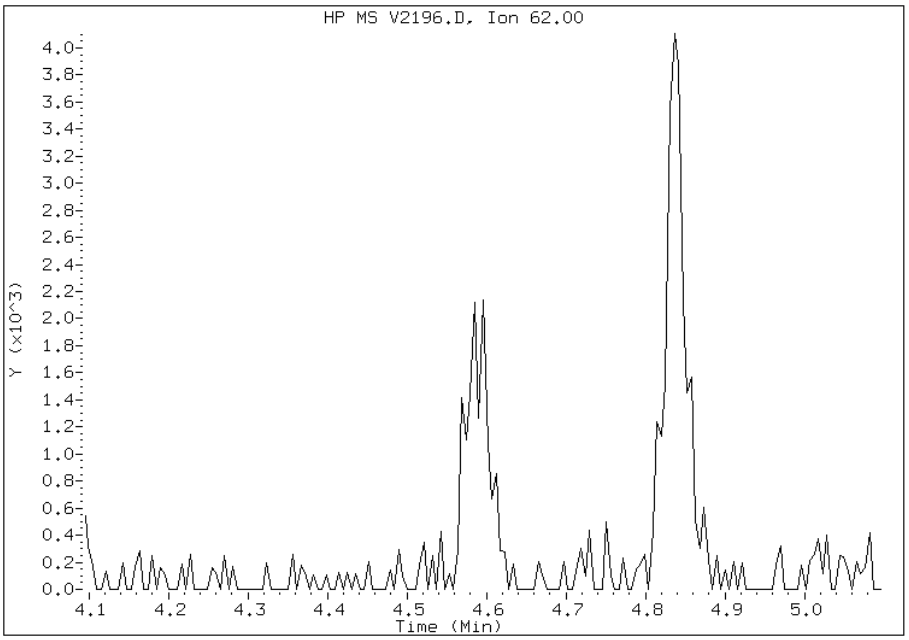
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 56 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.60



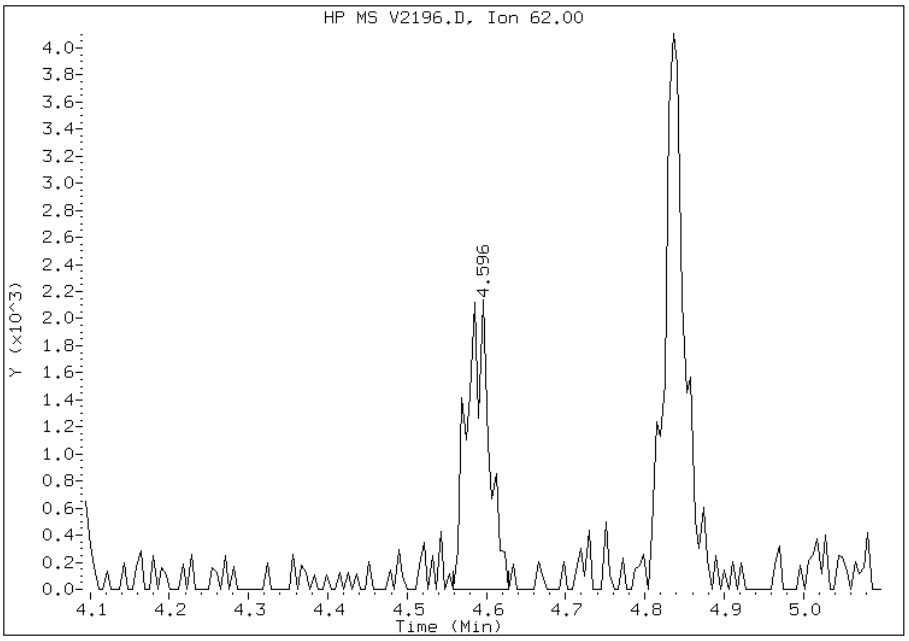
Manual Integration Results

RT: 4.60

Response: 4143

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

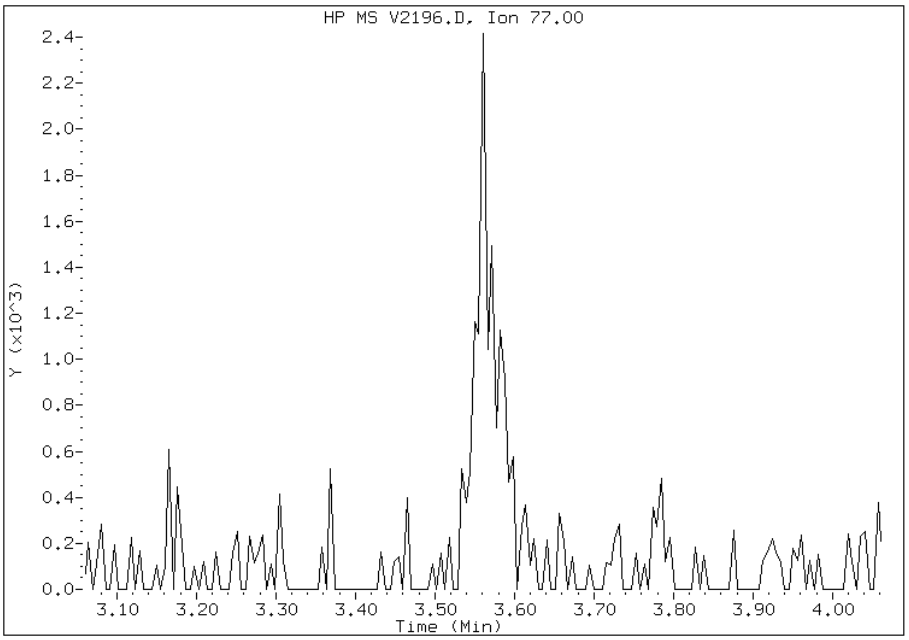
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 34 2,2-Dichloropropane
CAS #: 594-20-7
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.56



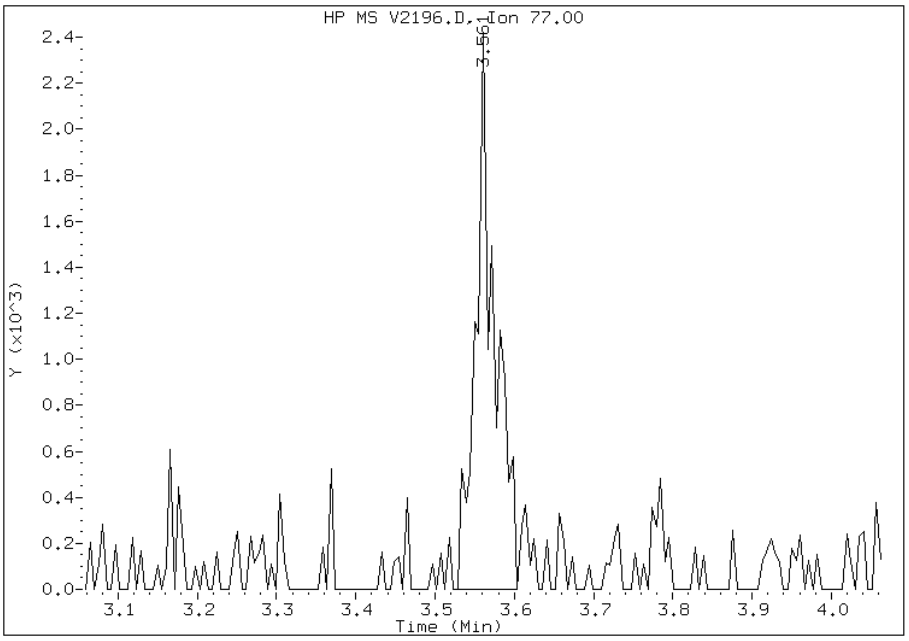
Manual Integration Results

RT: 3.56

Response: 3976

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

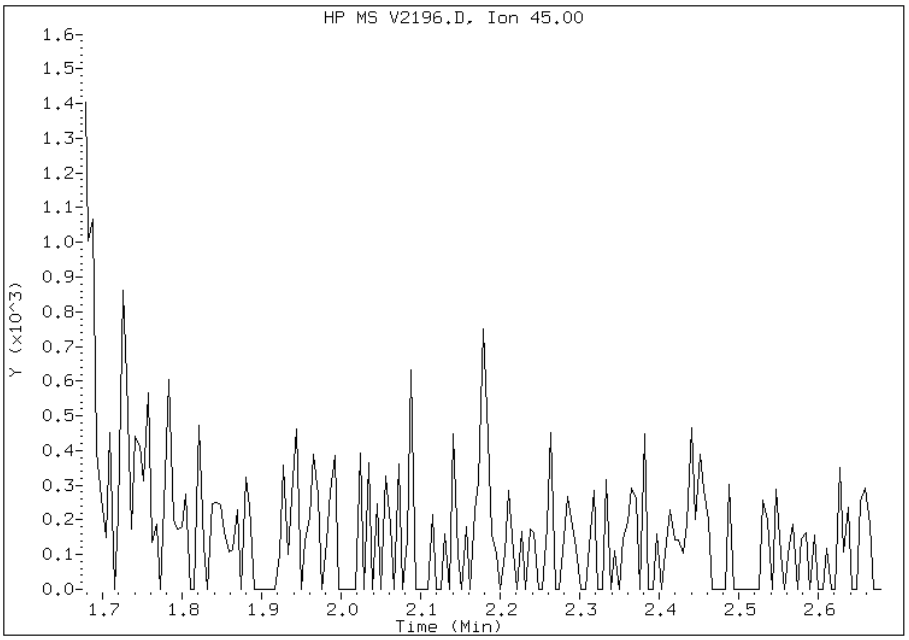
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.18



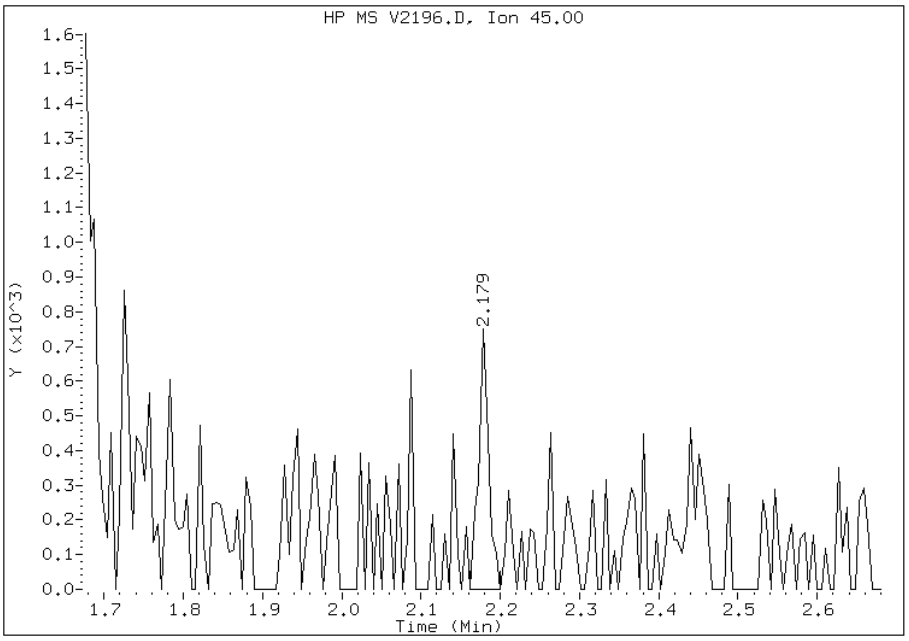
Manual Integration Results

RT: 2.18

Response: 634

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

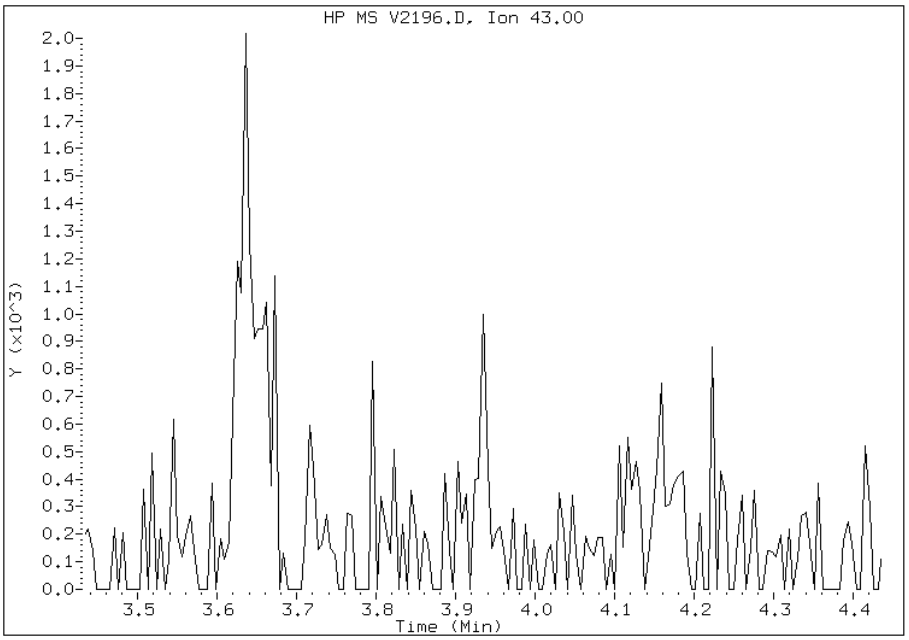
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



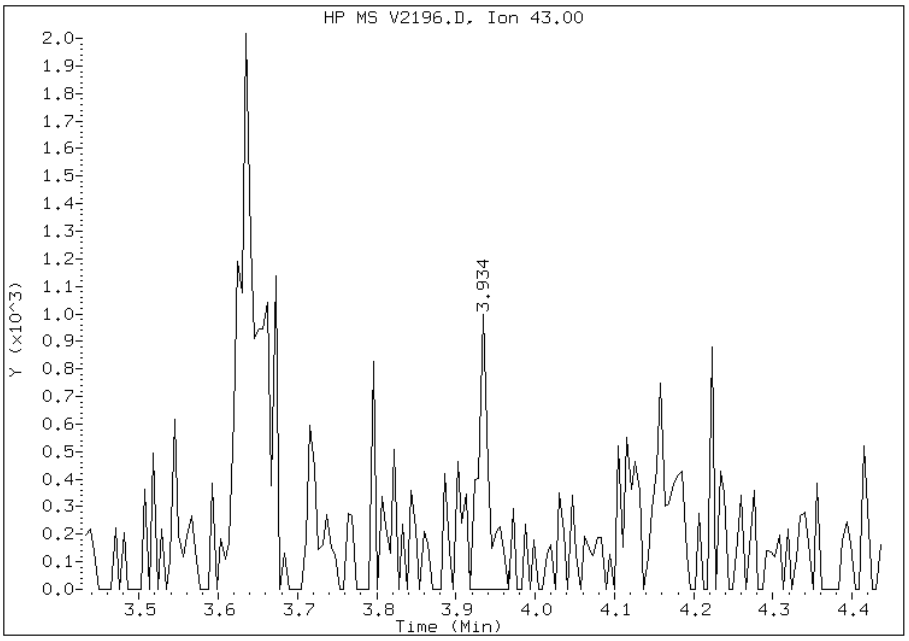
Manual Integration Results

RT: 3.93

Response: 941

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

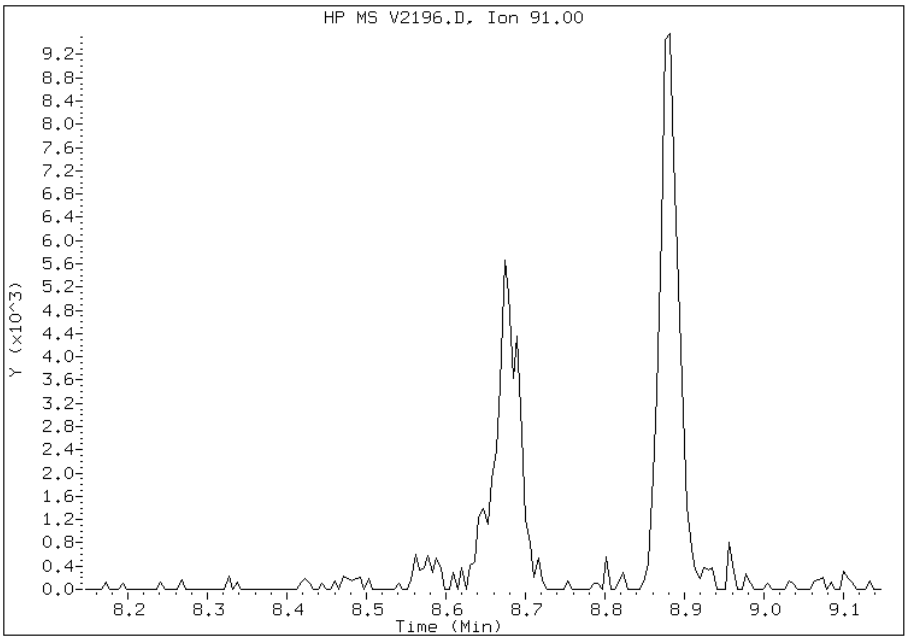
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 8.65



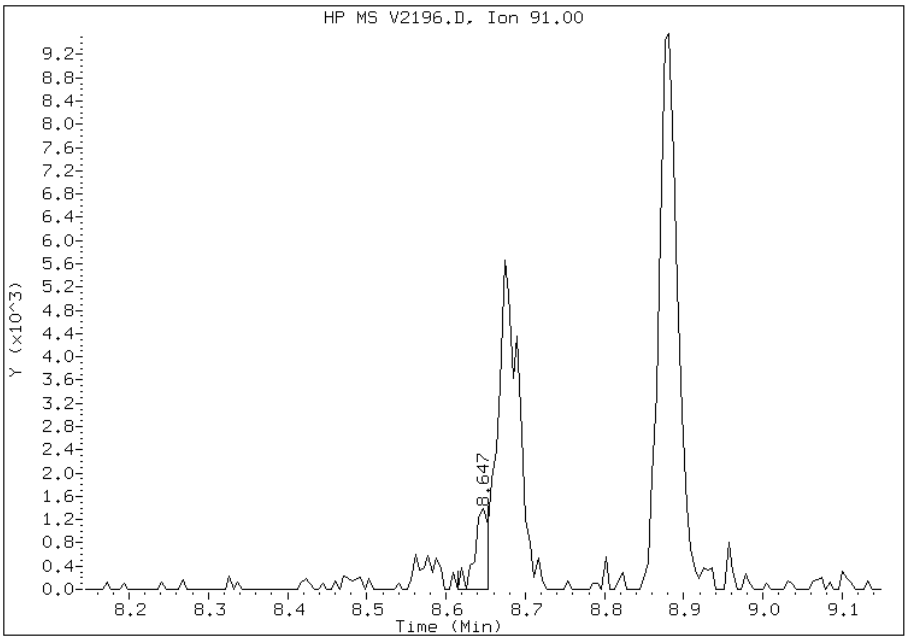
Manual Integration Results

RT: 8.65

Response: 1606

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

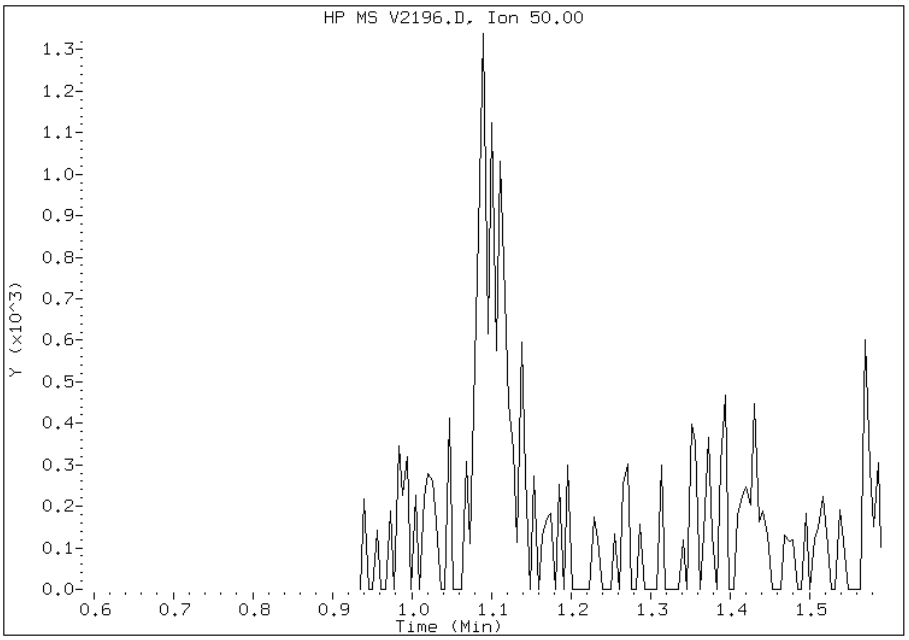
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.09



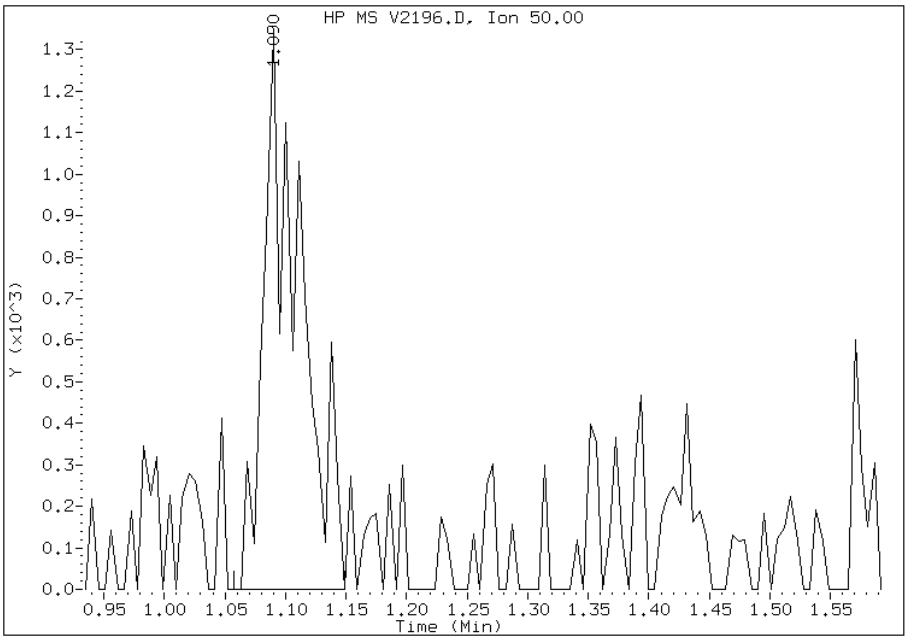
Manual Integration Results

RT: 1.09

Response: 2876

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

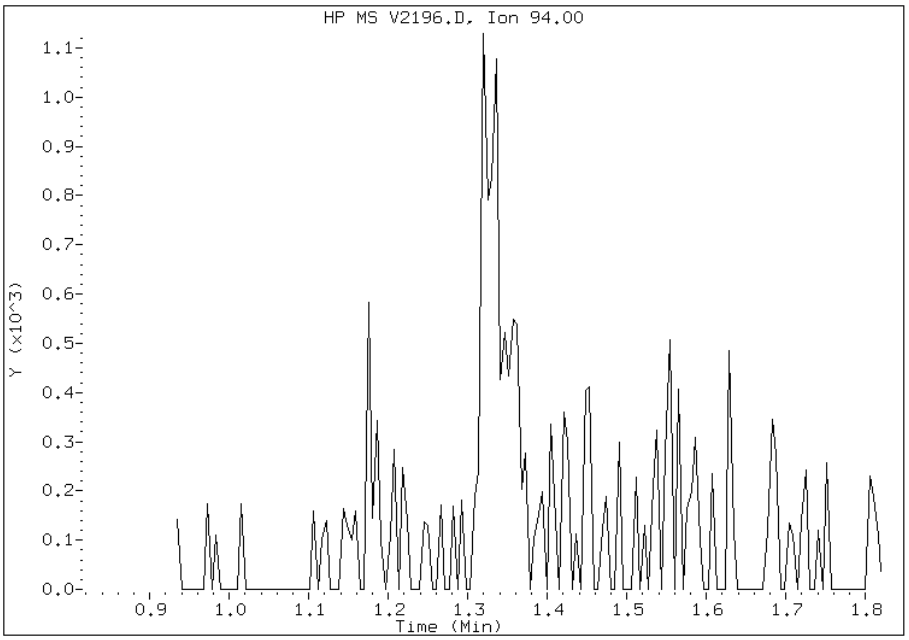
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.32



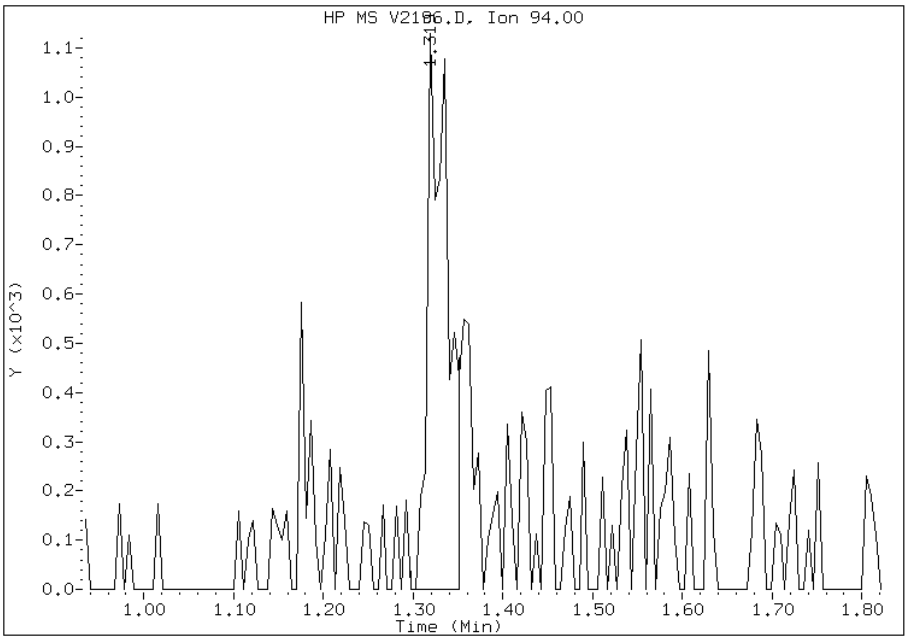
Manual Integration Results

RT: 1.32

Response: 1807

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

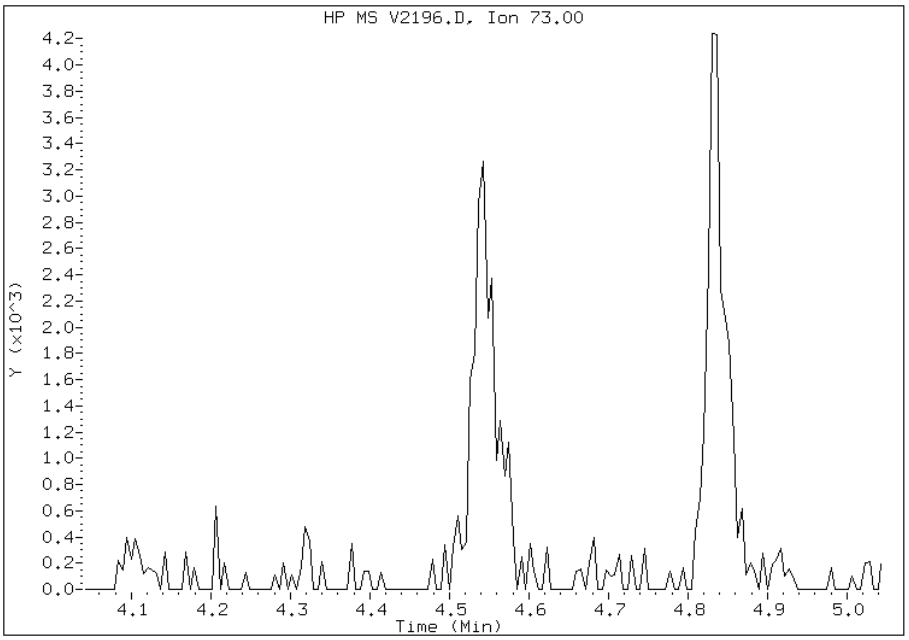
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 47 tert-Amyl methyl ether
CAS #: 994-05-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.54



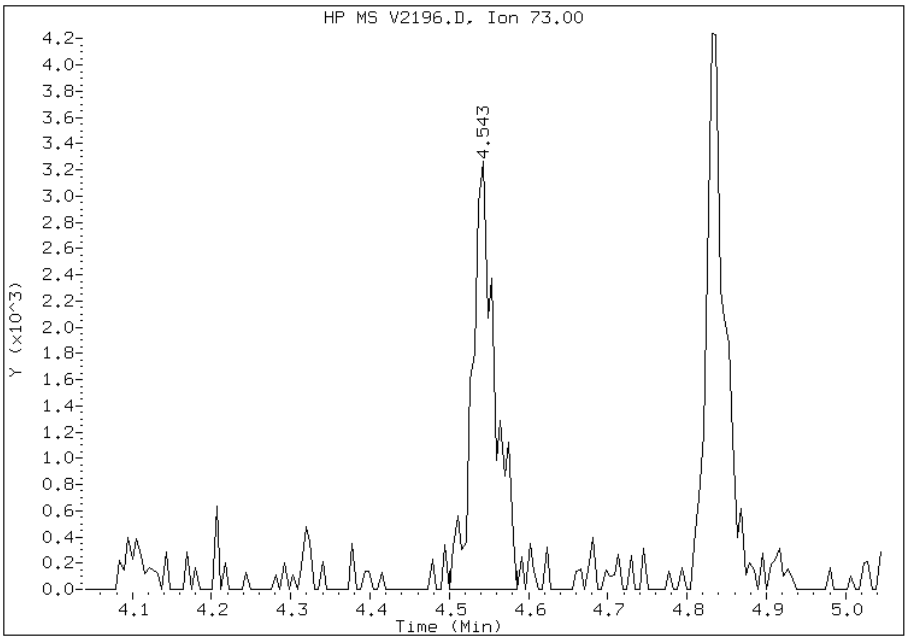
Manual Integration Results

RT: 4.54

Response: 6486

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 66 Methyl Methacrylate
CAS #: 80-62-6
Report Date: 07/14/2011

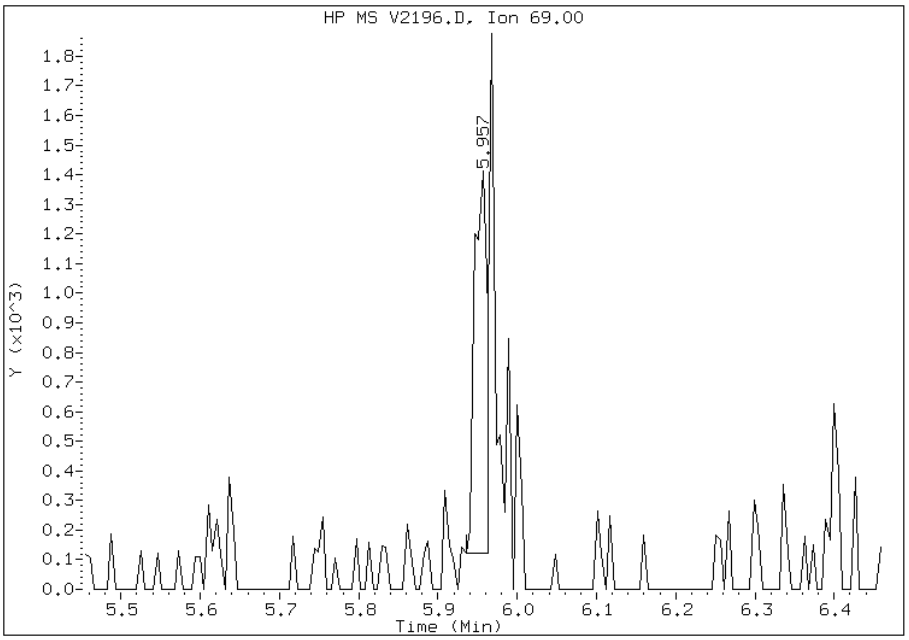
Processing Integration Results

RT: 5.96

Response: 1386

Amount: 0

Conc: 0



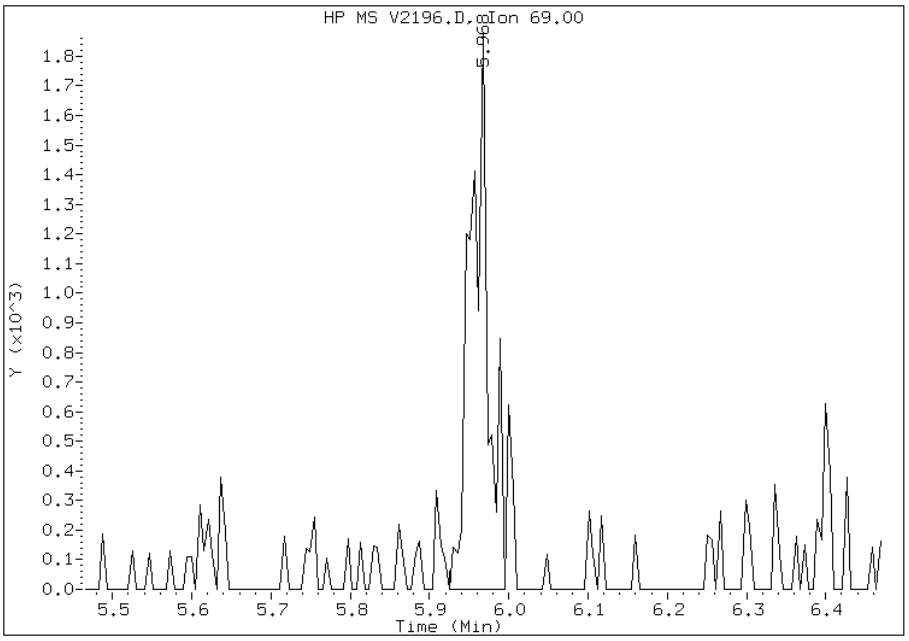
Manual Integration Results

RT: 5.97

Response: 2946

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

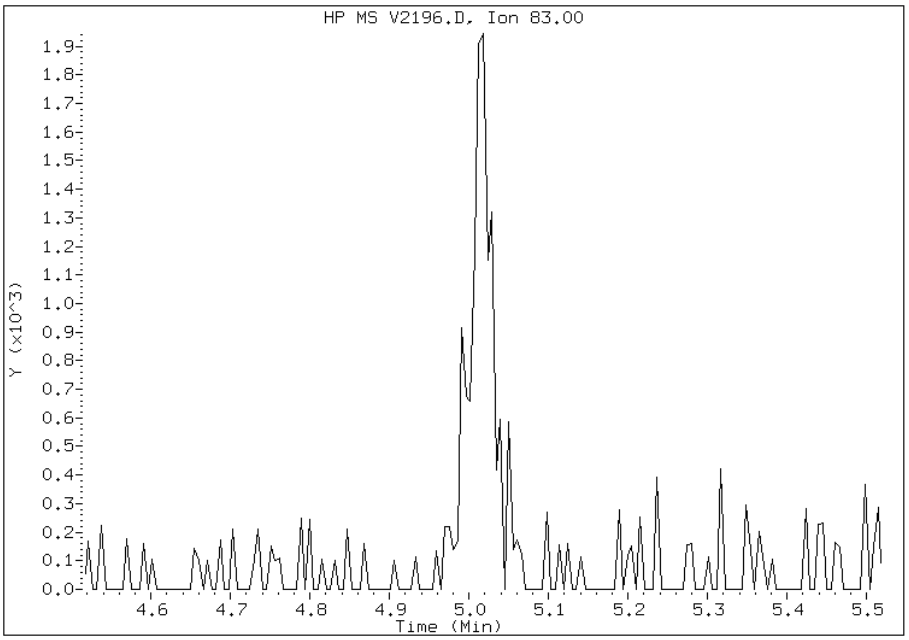
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 59 Methyl Cyclohexane
CAS #: 108-87-2
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 5.02



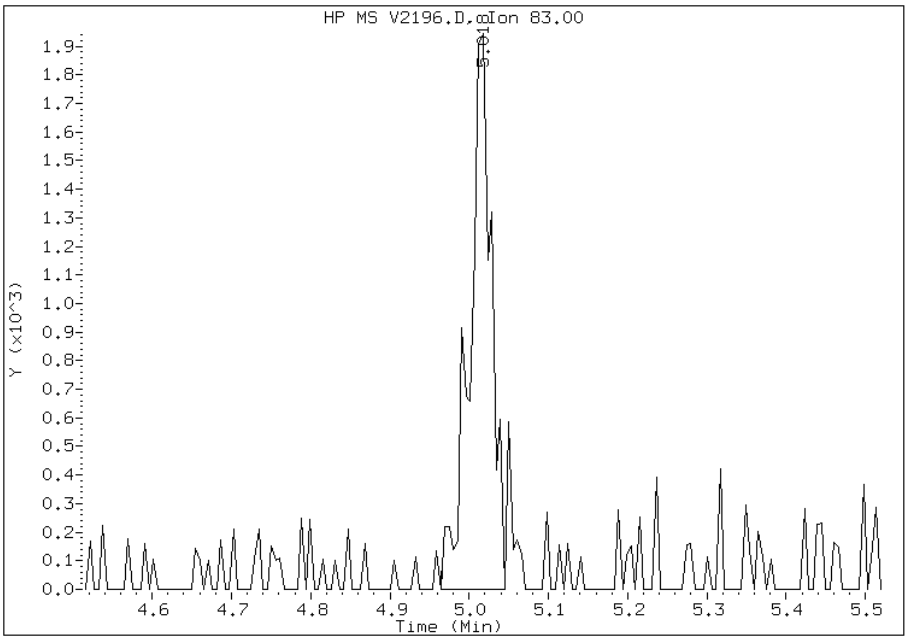
Manual Integration Results

RT: 5.02

Response: 3685

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

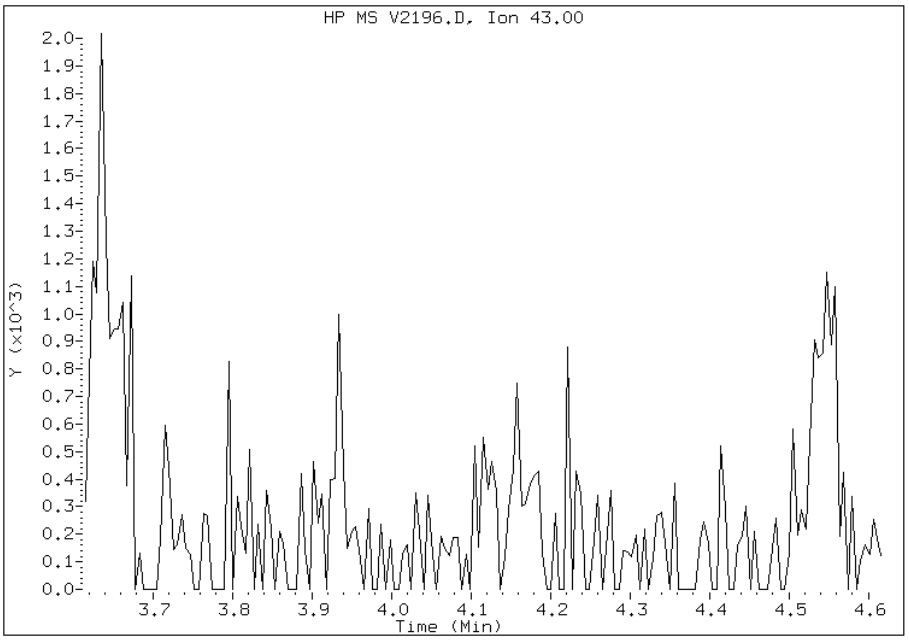
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.12



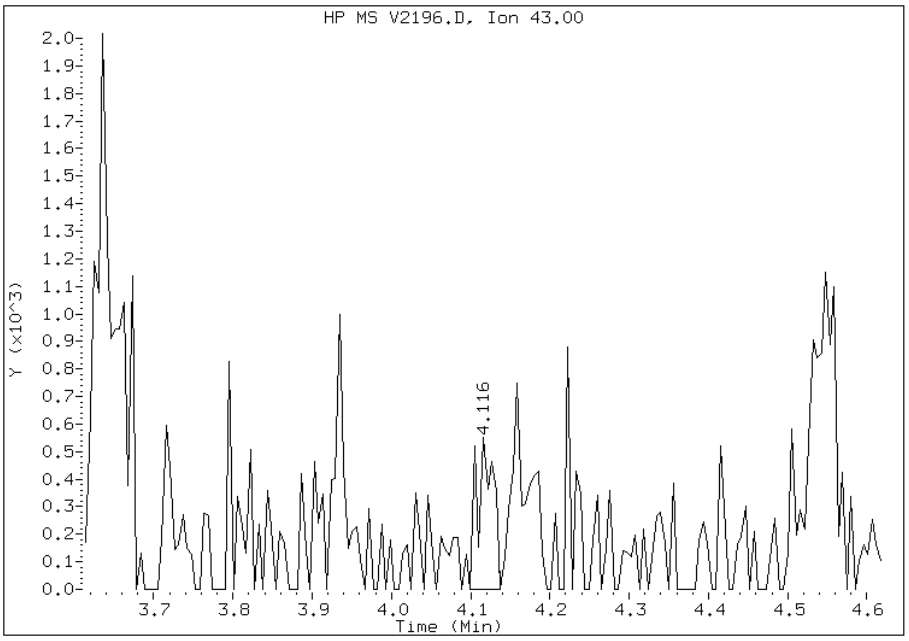
Manual Integration Results

RT: 4.12

Response: 773

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

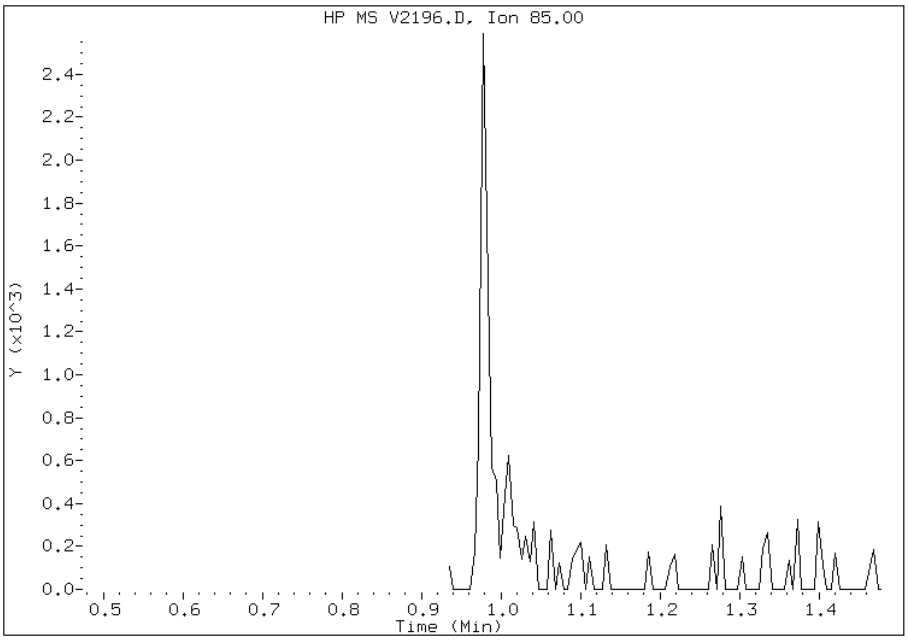
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 0.98



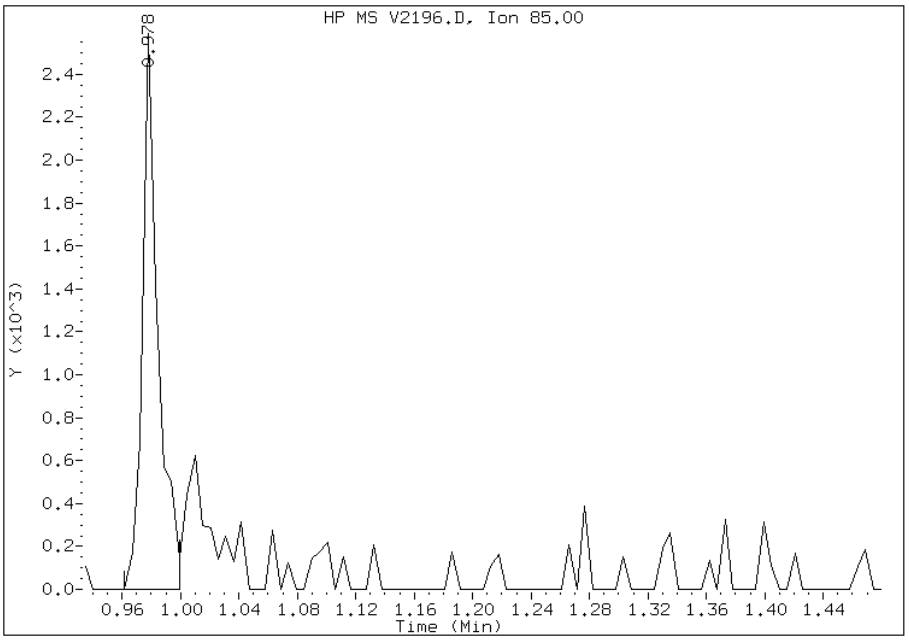
Manual Integration Results

RT: 0.98

Response: 1947

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

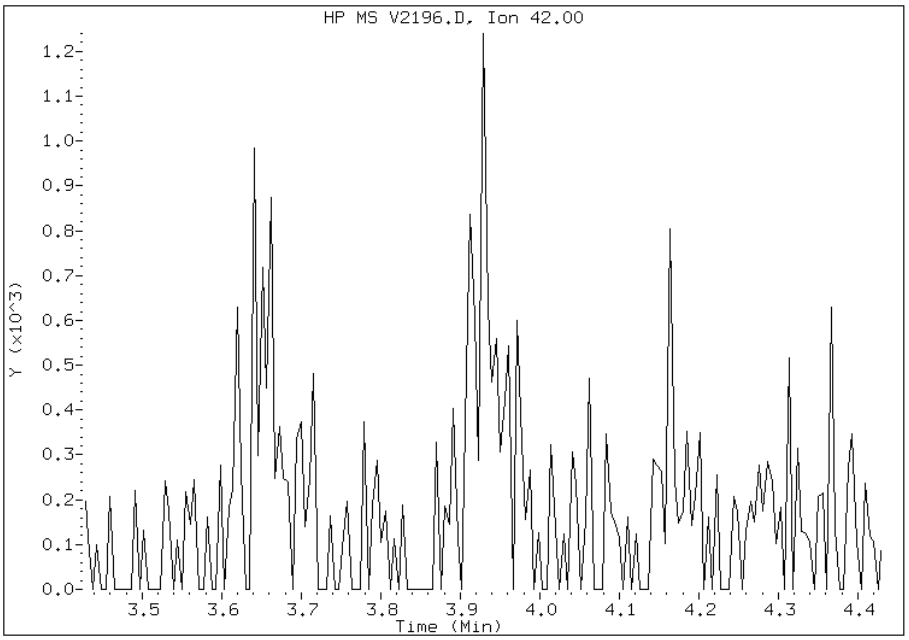
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 3.93



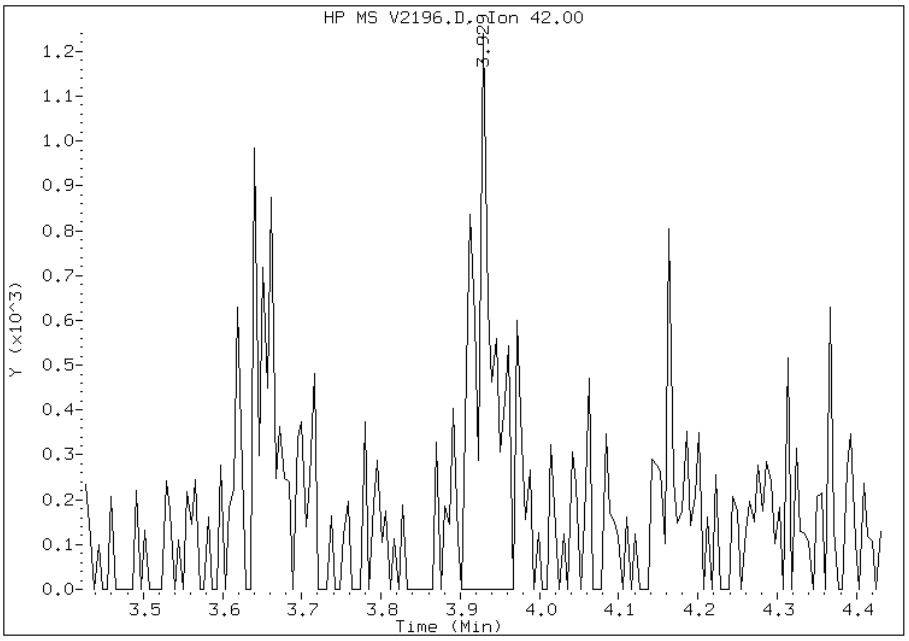
Manual Integration Results

RT: 3.93

Response: 2042

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

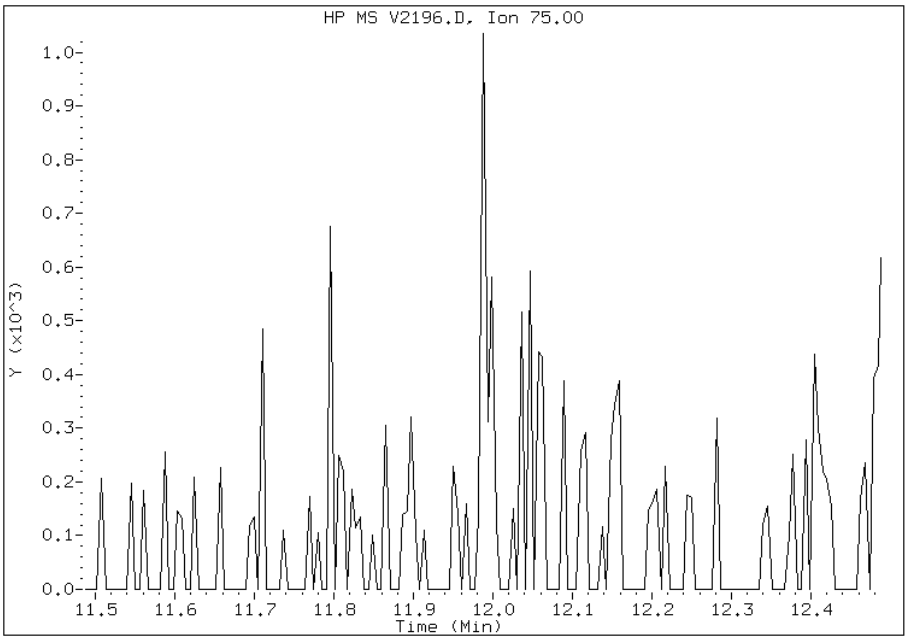
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 119 1,2-Dibromo-3-chloropropane
CAS #: 96-12-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 11.99



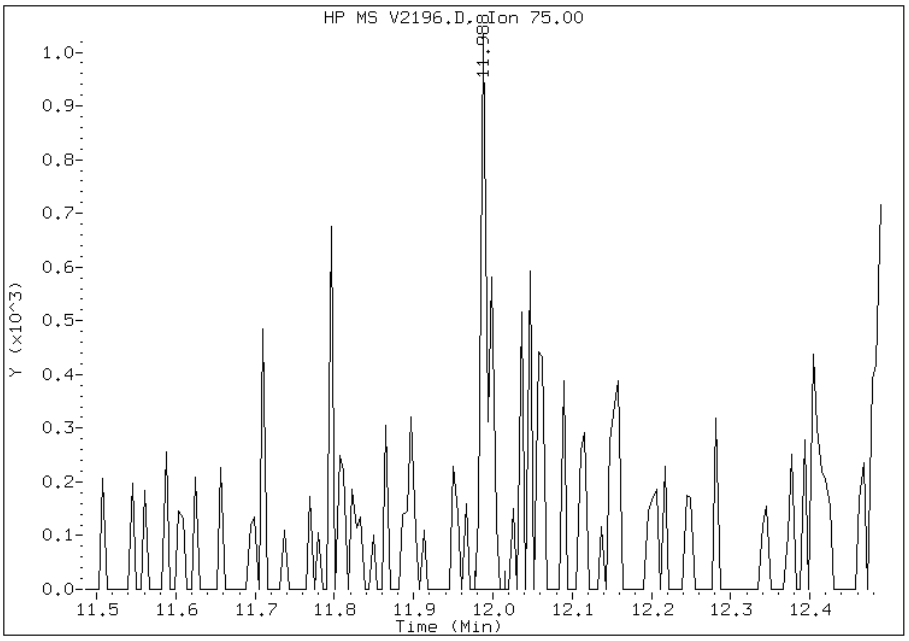
Manual Integration Results

RT: 11.99

Response: 700

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 33 cis-1,2-Dichloroethene
CAS #: 156-59-2
Report Date: 07/14/2011

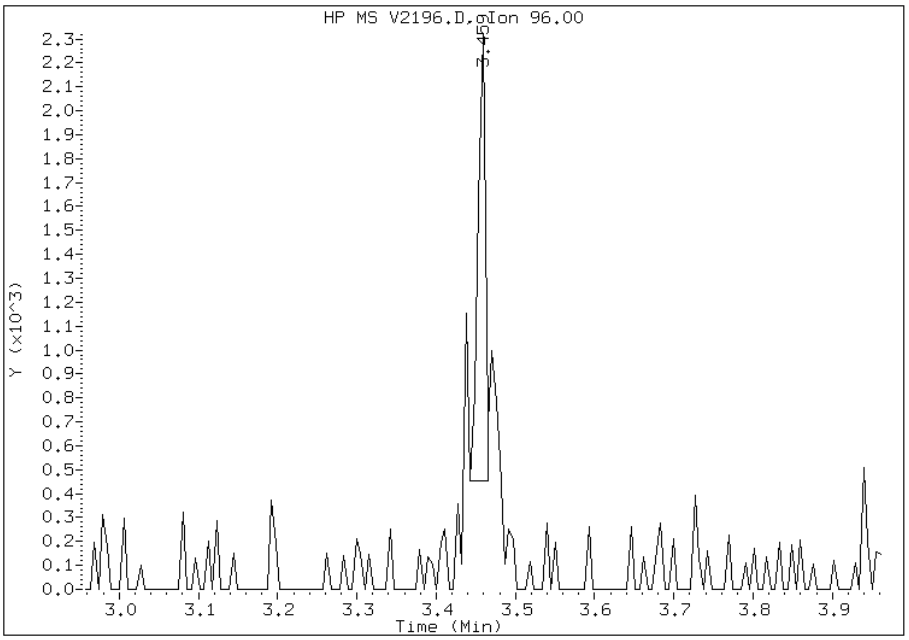
Processing Integration Results

RT: 3.46

Response: 1168

Amount: 0

Conc: 0



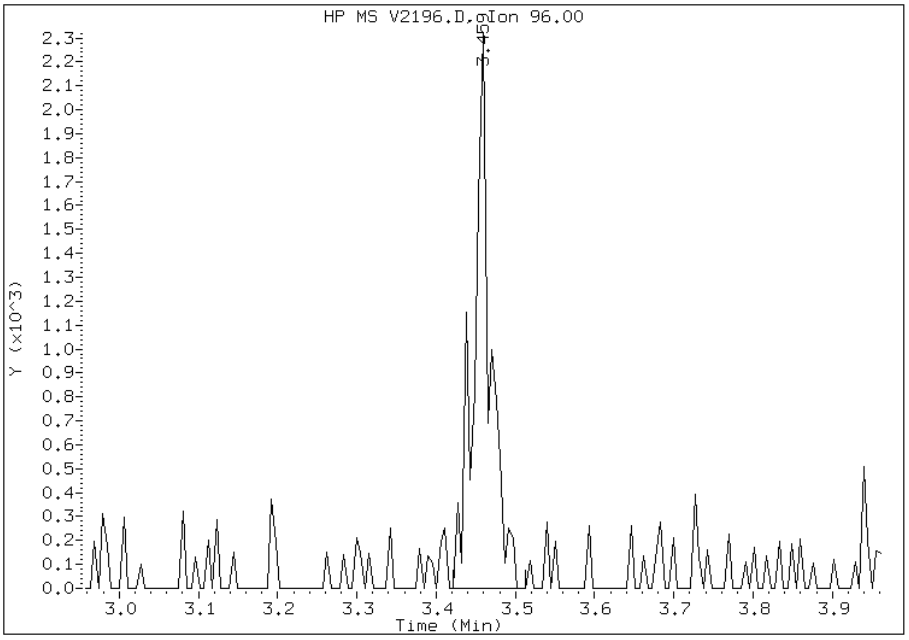
Manual Integration Results

RT: 3.46

Response: 3335

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

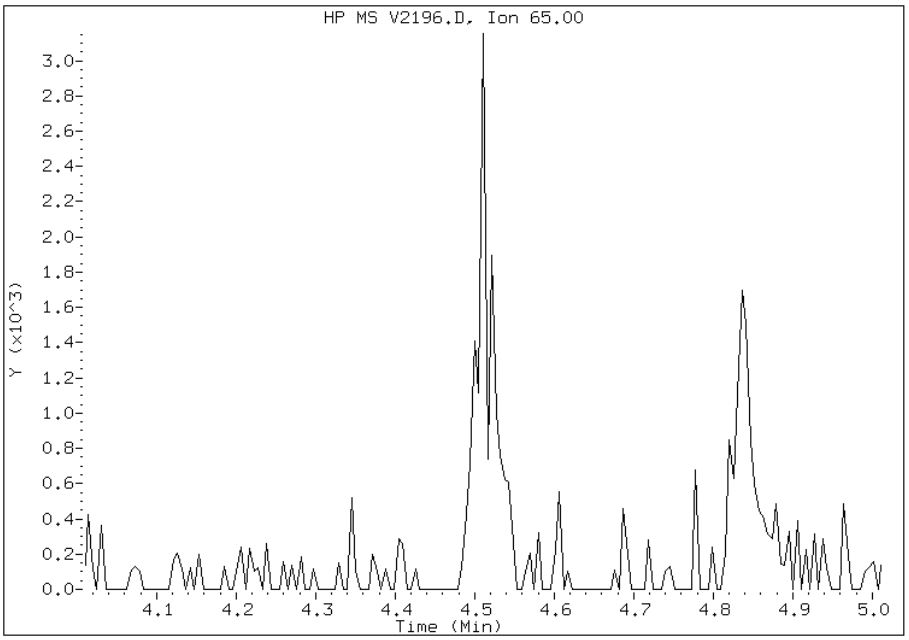
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 55 1,2-Dichloroethane-d4
CAS #: 17060-07-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 4.51



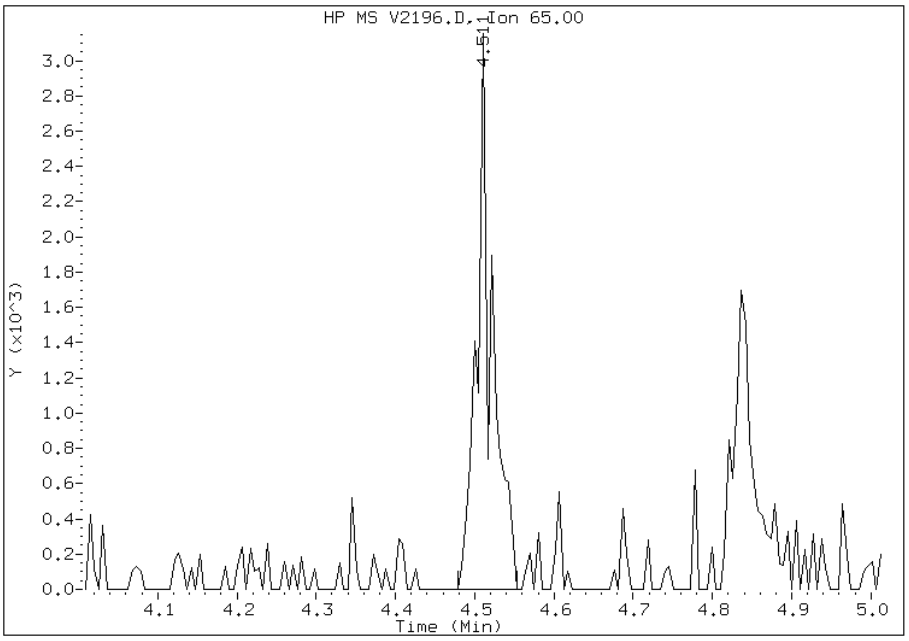
Manual Integration Results

RT: 4.51

Response: 4110

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 24 Methyl tert-Butyl Ether
CAS #: 1634-04-4
Report Date: 07/14/2011

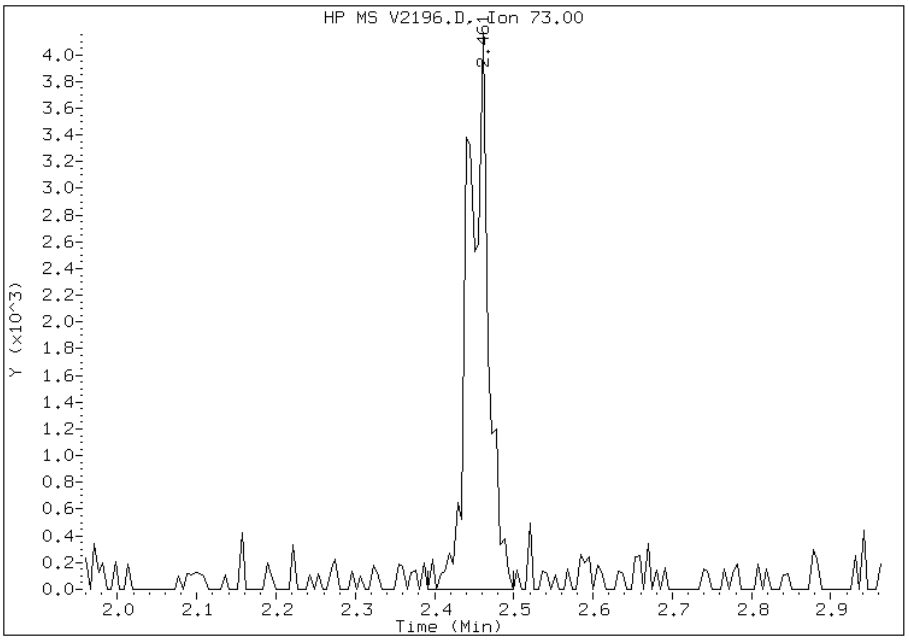
Processing Integration Results

RT: 2.46

Response: 7387

Amount: 0

Conc: 0



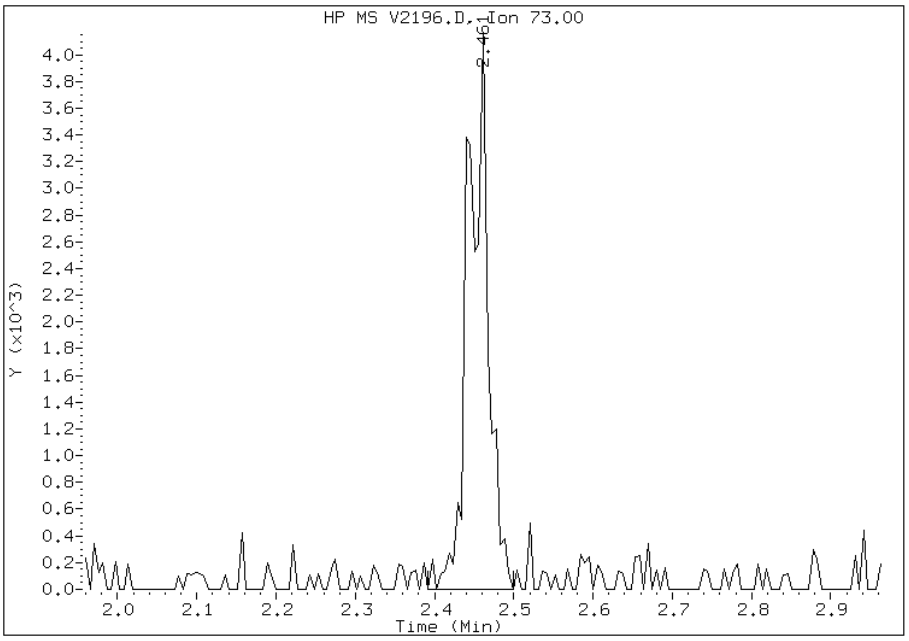
Manual Integration Results

RT: 2.46

Response: 7387

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

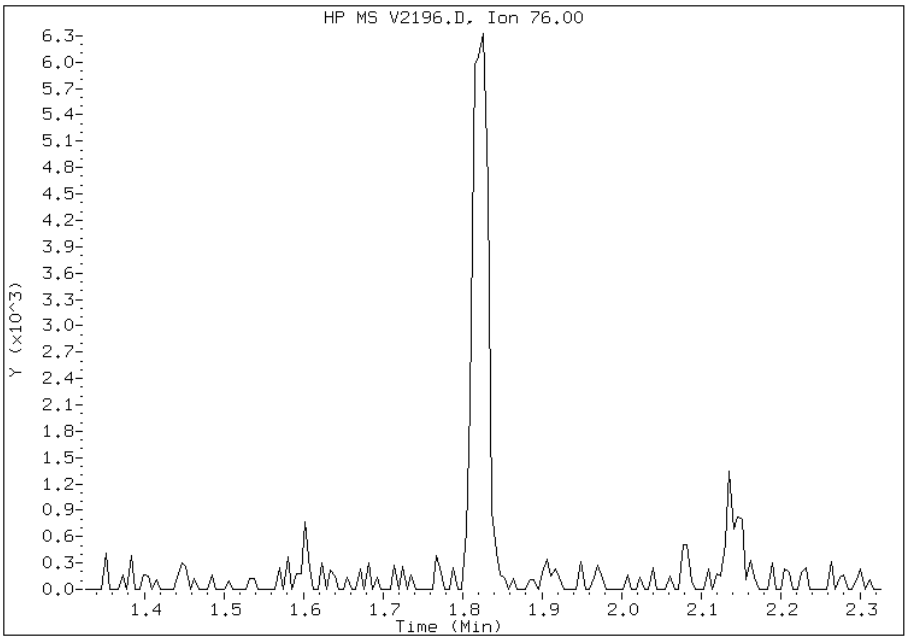
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 15 Carbon Disulfide
CAS #: 75-15-0
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 1.83



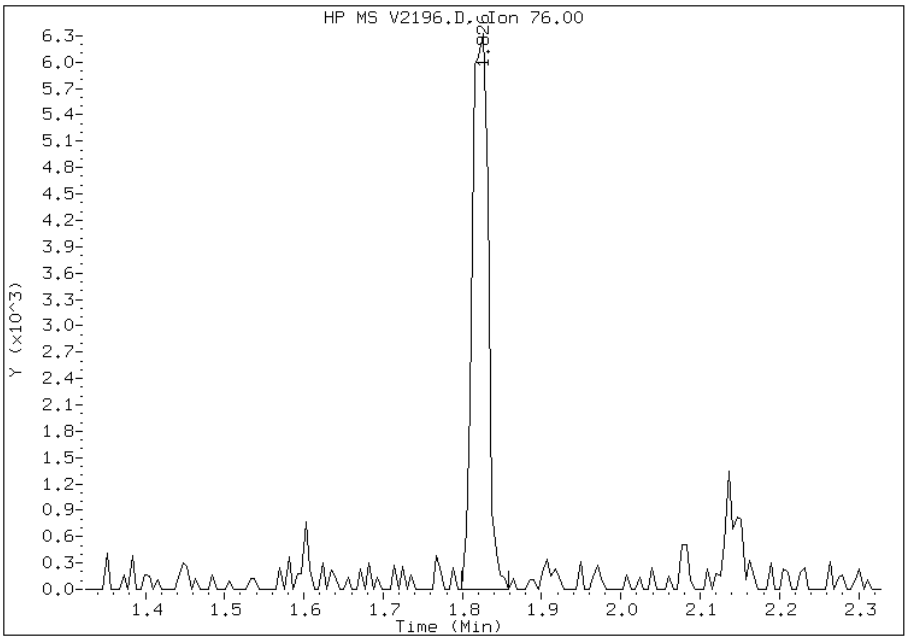
Manual Integration Results

RT: 1.83

Response: 8743

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 80 Tetrachloroethene
CAS #: 127-18-4
Report Date: 07/14/2011

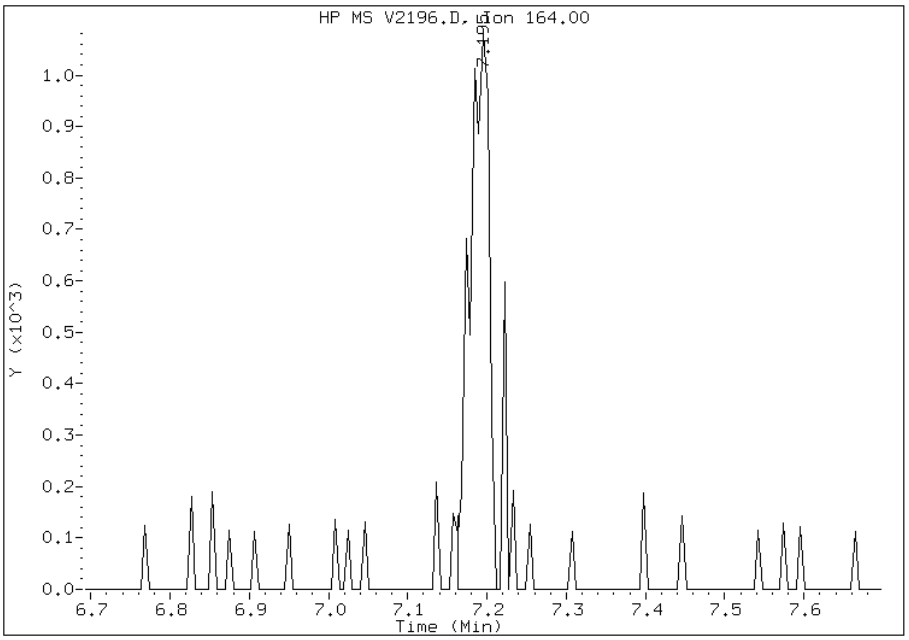
Processing Integration Results

RT: 7.20

Response: 1840

Amount: 0

Conc: 0



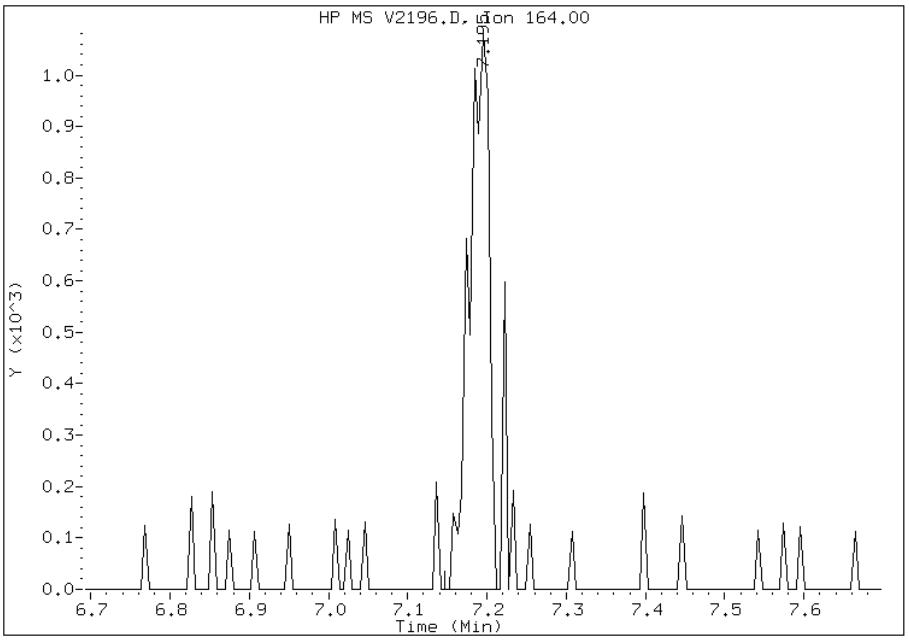
Manual Integration Results

RT: 7.20

Response: 1887

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

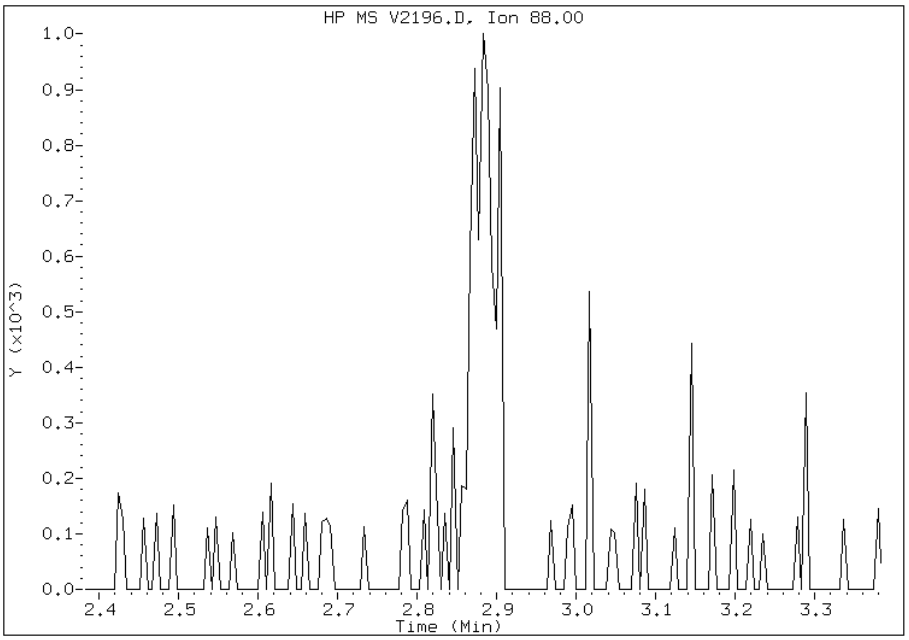
Manual Integration Report

Data File: V2196.D
Inj. Date and Time: 13-JUL-2011 16:47
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 29 2-Chloro-1,3-Butadiene
CAS #: 126-99-8
Report Date: 07/14/2011

Processing Integration Results

Not Detected

Expected RT: 2.88



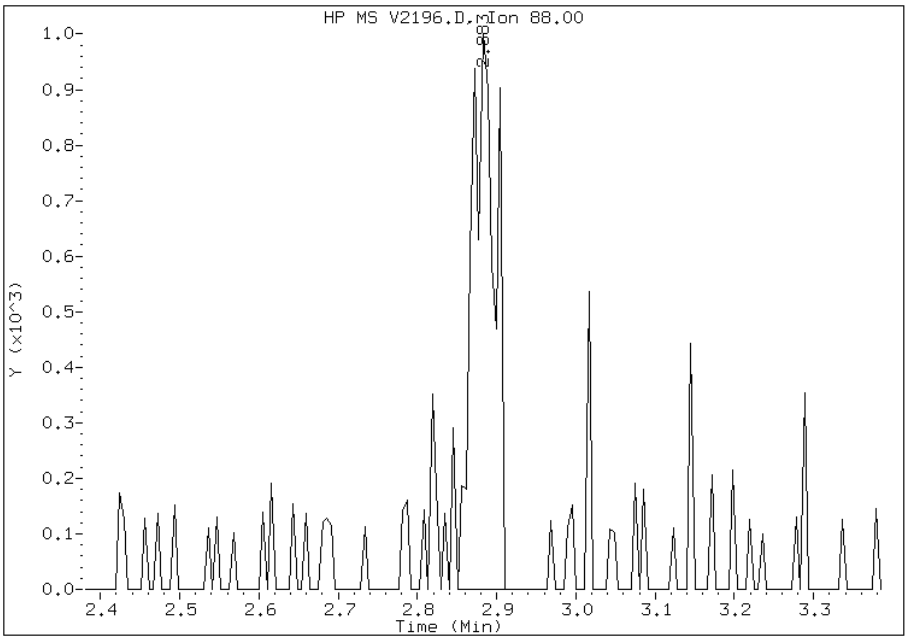
Manual Integration Results

RT: 2.88

Response: 2047

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53087/1 Calibration Date: 07/19/2011 10:15

Instrument ID: MSN Calib Start Date: 07/13/2011 17:15

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 19:37

Lab File ID: N3857.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.0690	0.0061		4.44	50.0	-91.1*	30.0
Chloromethane	Ave	0.5336	0.4983	0.1000	46.7	50.0	-6.6	30.0
Vinyl chloride	Ave	0.3705	0.3685		49.7	50.0	-0.5	20.0
Bromomethane	Ave	0.1637	0.2406		73.5	50.0	47.0*	30.0
Chloroethane	Ave	0.2104	0.2178		51.8	50.0	3.5	30.0
Trichlorofluoromethane	Ave	0.3370	0.3714		55.1	50.0	10.2	30.0
Dichlorofluoromethane	Ave	0.5344	0.5529		51.7	50.0	3.5	30.0
Ethyl ether	Ave	0.2839	0.2981		52.5	50.0	5.0	30.0
Ethanol	Ave	0.0178	0.0182		512	500	2.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.0864	0.0890		51.5	50.0	3.1	30.0
1,1-Dichloroethene	Ave	0.2771	0.2647		47.8	50.0	-4.5	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3335	0.3249		48.7	50.0	-2.6	30.0
Carbon disulfide	Ave	1.162	1.059		45.5	50.0	-8.9	30.0
Iodomethane	Ave	0.3645	0.3420		46.9	50.0	-6.2	30.0
Isopropyl alcohol	Ave	0.0357	0.0448		62.9	50.1	25.6	30.0
Acrolein	Ave	0.0737	0.0508		173	250	-31.0*	30.0
3-Chloro-1-propene	Ave	0.6948	0.6951		50.0	50.0	0.0	30.0
Methylene Chloride	Ave	0.4752	0.4170		43.9	50.0	-12.2	30.0
Acetone	Ave	0.2567	0.2862		55.8	50.0	11.5	30.0
Methyl acetate	Qua	2.490	2.628		61.1	50.0	22.2	30.0
trans-1,2-Dichloroethene	Ave	0.3260	0.3197		49.0	50.0	-1.9	30.0
Methyl tert-butyl ether	Ave	0.9544	0.9417		49.3	50.0	-1.3	30.0
tert-Butyl alcohol	Ave	0.0626	0.0619		247	250	-1.1	30.0
Acetonitrile	Ave	0.0581	0.0612		525	499	5.3	30.0
Isopropyl ether	Ave	1.621	1.606		49.5	50.0	-0.9	30.0
2-Chloro-1,3-butadiene	Ave	0.3135	0.2884		46.0	50.0	-8.0	30.0
1,1-Dichloroethane	Ave	0.6601	0.6367	0.1000	48.2	50.0	-3.5	30.0
Acrylonitrile	Ave	0.2094	0.2170		104	100	3.6	30.0
Tert-butyl ethyl ether	Ave	1.217	1.168		48.0	50.0	-4.0	30.0
Vinyl acetate	Ave	1.075	0.8765		40.8	50.0	-18.4	30.0
cis-1,2-Dichloroethene	Ave	0.3798	0.3606		47.5	50.0	-5.1	30.0
2,2-Dichloropropane	Ave	0.4228	0.3950		46.7	50.0	-6.6	30.0
Bromochloromethane	Ave	0.1961	0.1830		46.7	50.0	-6.7	30.0
Cyclohexane	Ave	0.5243	0.5067		48.3	50.0	-3.4	30.0
Chloroform	Ave	0.5409	0.5204		48.1	50.0	-3.8	20.0
Ethyl acetate	Lin	0.0454	0.0324		89.3	100	-10.7	30.0
Methyl acrylate	Ave	0.4428	0.4575		51.7	50.0	3.3	30.0
Carbon tetrachloride	Ave	0.3326	0.3176		47.7	50.0	-4.5	30.0
Tetrahydrofuran	Ave	0.1897	0.2005		106	100	5.7	30.0
1,1,1-Trichloroethane	Ave	0.4060	0.3990		49.1	50.0	-1.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53087/1 Calibration Date: 07/19/2011 10:15

Instrument ID: MSN Calib Start Date: 07/13/2011 17:15

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 19:37

Lab File ID: N3857.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.3356	0.3713		55.3	50.0	10.6	30.0
1,1-Dichloropropene	Ave	0.4658	0.4486		48.2	50.0	-3.7	30.0
1-Chlorobutane	Ave	0.7698	0.7131		46.3	50.0	-7.4	30.0
Benzene	Ave	1.342	1.259		46.9	50.0	-6.2	30.0
Propionitrile	Ave	0.0705	0.0710		504	500	0.7	30.0
Methacrylonitrile	Ave	0.3282	0.3451		52.6	50.0	5.1	30.0
Tert-amyl methyl ether	Ave	0.9846	0.9298		47.2	50.0	-5.6	30.0
1,2-Dichloroethane	Ave	0.3936	0.3911		49.7	50.0	-0.6	30.0
Isobutyl alcohol	Ave	0.0177	0.0178		504	499	1.0	30.0
Methylcyclohexane	Ave	0.5995	0.5584		46.6	50.0	-6.9	30.0
Trichloroethene	Ave	0.3467	0.3103		44.7	50.0	-10.5	30.0
Dibromomethane	Ave	0.2299	0.2330		50.7	50.0	1.3	30.0
1,2-Dichloropropane	Ave	0.4134	0.3895		47.1	50.0	-5.8	20.0
Bromodichloromethane	Ave	0.3811	0.3687		48.4	50.0	-3.2	30.0
Methyl methacrylate	Ave	0.3117	0.3119		50.0	50.0	0.0	30.0
1,4-Dioxane	Ave	0.0033	0.0037		553	499	10.9	30.0
2-Chloroethyl vinyl ether	Ave	0.2060	0.2182		52.9	49.9	5.9	30.0
cis-1,3-Dichloropropene	Ave	0.5438	0.5137		47.2	50.0	-5.5	30.0
Toluene	Ave	1.654	1.541		46.6	50.0	-6.8	20.0
Chloroacetonitrile	Ave	0.0189	0.0193		510	500	2.0	30.0
2-Nitropropane	Ave	0.0955	0.0989		104	100	3.5	30.0
1,1-Dichloro-2-propanone	Ave	0.3535	0.3824		270	250	8.2	30.0
methyl isobutyl ketone	Ave	0.6700	0.7089		52.9	50.0	5.8	30.0
Tetrachloroethene	Ave	0.2900	0.2631		45.4	50.0	-9.3	30.0
trans-1,3-Dichloropropene	Ave	0.4693	0.4513		48.1	50.0	-3.8	30.0
1,1,2-Trichloroethane	Ave	0.3015	0.2971		49.3	50.0	-1.5	30.0
Ethyl methacrylate	Ave	0.5523	0.5563		50.4	50.0	0.7	30.0
Dibromochloromethane	Ave	0.3975	0.3754		47.2	50.0	-5.5	30.0
1,3-Dichloropropane	Ave	0.6679	0.6792		50.8	50.0	1.7	30.0
1,2-Dibromoethane	Ave	0.4349	0.4275		49.2	50.0	-1.7	30.0
2-Hexanone	Ave	0.5193	0.5485		52.8	50.0	5.6	30.0
1-Chlorohexane	Ave	0.6220	0.5583		44.9	50.0	-10.3	30.0
Chlorobenzene	Ave	1.118	1.046	0.3000	46.8	50.0	-6.4	30.0
Ethylbenzene	Ave	0.5708	0.5284		46.3	50.0	-7.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3500	0.3217		46.0	50.0	-8.1	30.0
m&p-Xylene	Ave	0.7154	0.6687		93.5	100	-6.5	30.0
o-Xylene	Ave	0.6821	0.6399		46.9	50.0	-6.2	30.0
Styrene	Ave	1.137	1.080		47.5	50.0	-5.0	30.0
Bromoform	Ave	0.2202	0.2274	0.1000	51.6	50.0	3.3	30.0
Isopropylbenzene	Ave	4.080	3.692		45.2	50.0	-9.5	30.0
Bromobenzene	Ave	0.9818	0.8906		45.4	50.0	-9.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53087/1 Calibration Date: 07/19/2011 10:15

Instrument ID: MSN Calib Start Date: 07/13/2011 17:15

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 19:37

Lab File ID: N3857.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	5.095	4.768		46.8	50.0	-6.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.290	1.259	0.3000	48.8	50.0	-2.3	30.0
4-Ethyltoluene	Ave	4.239	3.911		46.1	50.0	-7.7	30.0
2-Chlorotoluene	Ave	3.291	3.089		46.9	50.0	-6.2	30.0
1,2,3-Trichloropropane	Ave	0.3599	0.3551		49.3	50.0	-1.3	30.0
1,3,5-Trimethylbenzene	Ave	3.346	3.114		46.5	50.0	-6.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3431	0.3461		101	100	0.9	30.0
4-Chlorotoluene	Ave	2.935	2.738		46.7	50.0	-6.7	30.0
tert-Butylbenzene	Ave	2.933	2.584		44.0	50.0	-11.9	30.0
1,2,4-Trimethylbenzene	Ave	3.353	3.099		46.2	50.0	-7.6	30.0
sec-Butylbenzene	Ave	4.669	4.259		45.6	50.0	-8.8	30.0
4-Isopropyltoluene	Ave	3.655	3.247		44.4	50.0	-11.2	30.0
1,3-Dichlorobenzene	Ave	1.753	1.574		44.9	50.0	-10.2	30.0
1,4-Dichlorobenzene	Ave	1.786	1.608		45.0	50.0	-10.0	30.0
p-Diethylbenzene	Ave	1.793	1.606		44.8	50.0	-10.4	30.0
Benzyl chloride	Ave	0.3844	0.3418		44.5	50.0	-11.1	30.0
n-Butylbenzene	Ave	5.460	4.833		44.3	50.0	-11.5	30.0
1,2-Dichlorobenzene	Ave	1.623	1.472		45.3	50.0	-9.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.890	2.612		45.2	50.0	-9.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1590	0.1642		51.6	50.0	3.3	30.0
Nitrobenzene	Ave	0.0542	0.0342		315	500	-37.0*	30.0
Hexachlorobutadiene	Ave	0.5177	0.4197		40.5	50.0	-18.9	30.0
1,2,4-Trichlorobenzene	Ave	1.003	0.9343		46.6	50.0	-6.8	30.0
Naphthalene	Ave	2.861	2.436		42.6	50.0	-14.9	30.0
1,2,3-Trichlorobenzene	Ave	0.9034	0.8245		45.6	50.0	-8.7	30.0
Dibromofluoromethane	Ave	0.3707	0.3250		21.9	25.0	-12.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3266	0.2895		22.2	25.0	-11.3	30.0
Toluene-d8 (Surr)	Ave	1.439	1.328		23.1	25.0	-7.7	30.0
4-Bromofluorobenzene	Ave	1.245	1.229		24.7	25.0	-1.3	30.0

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3857.D
Lab Smp Id: CCVIS-632363 Client Smp ID: CCVIS-632363
Inj Date : 19-JUL-2011 10:15 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : CCVIS-632363
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	4.788	4.788	(1.000)	639491	25.0000	
2	Dichlorodifluoromethane	85	1.232	1.232	(0.257)	7839	50.0000	4(M)
3	Chloromethane	50	1.262	1.262	(0.264)	637296	50.0000	47
4	Vinyl Chloride	62	1.311	1.311	(0.274)	471312	50.0000	50
5	Bromomethane	94	1.488	1.488	(0.311)	307731	50.0000	73
6	Chloroethane	64	1.547	1.547	(0.323)	278582	50.0000	52
7	Trichlorofluoromethane	101	1.626	1.626	(0.340)	475065	50.0000	55
8	Dichlorofluoromethane	67	1.646	1.646	(0.344)	707149	50.0000	52
9	Ethyl Ether	45	1.784	1.784	(0.373)	381299	50.0000	52
10	Ethanol	45	1.843	1.843	(0.385)	233089	500.000	510
12	Freon 123	67	1.912	1.912	(0.399)	113877	50.0000	52
13	Trichlorotrifluoroethane	101	1.922	1.922	(0.401)	415545	50.0000	49
14	1,1-Dichloroethene	96	1.912	1.912	(0.399)	338498	50.0000	48
15	Carbon Disulfide	76	1.941	1.941	(0.405)	1354072	50.0000	46
16	Iodomethane	142	2.010	2.010	(0.420)	437416	50.0000	47
17	Acrolein	56	2.109	2.109	(0.440)	325592	250.000	170
18	2-Propanol	45	2.030	2.030	(0.424)	57456	50.0000	63
19	3-Chloro-1-Propene	41	2.197	2.197	(0.459)	889065	50.0000	50
20	Methylene Chloride	84	2.266	2.266	(0.473)	533388	50.0000	44
21	Acetone	43	2.296	2.296	(0.480)	366078	50.0000	56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	2.375	2.375	(0.496)	408822	50.0000	49
	23 Methyl Acetate	43	2.365	2.365	(0.494)	3361112	50.0000	61
	24 Methyl tert-Butyl Ether	73	2.444	2.444	(0.510)	1204469	50.0000	49
	25 tert-Butyl alcohol	59	2.493	2.493	(0.521)	396038	250.000	250(H)
	26 Acetonitrile	41	2.641	2.641	(0.552)	780585	500.000	520
	27 Isopropyl ether	45	2.720	2.720	(0.568)	2053951	50.0000	50
	28 tert-Butyl ethyl ether	59	3.025	3.025	(0.632)	1494069	50.0000	48
	29 2-Chloro-1,3-Butadiene	88	2.828	2.828	(0.591)	368915	50.0000	46
	30 Acrylonitrile	53	2.877	2.877	(0.601)	555127	100.000	100
	31 1,1-Dichloroethane	63	2.838	2.838	(0.593)	814338	50.0000	48
	32 Vinyl Acetate	43	3.045	3.045	(0.636)	1120258	50.0000	41
	33 cis-1,2-Dichloroethene	96	3.330	3.330	(0.696)	461137	50.0000	47
	34 2,2-Dichloropropane	77	3.439	3.439	(0.718)	505247	50.0000	47
	35 Bromochloromethane	128	3.537	3.537	(0.739)	234074	50.0000	47
	37 Cyclohexane	84	3.547	3.547	(0.741)	648079	50.0000	48
	38 Chloroform	83	3.606	3.606	(0.753)	665570	50.0000	48
	39 Ethyl Acetate	43	3.744	3.744	(0.782)	82841	100.000	89
	40 Methyl Acrylate	55	3.754	3.754	(0.784)	585187	50.0000	52
$	41 Dibromofluoromethane	111	3.813	3.813	(0.796)	207817	25.0000	22
	42 Tetrahydrofuran	42	3.793	3.793	(0.792)	512784	100.000	100
	43 Carbon Tetrachloride	117	3.774	3.774	(0.788)	406250	50.0000	48
	44 1,1,1-Trichloroethane	97	3.853	3.853	(0.805)	510330	50.0000	49
	45 2-Butanone	43	3.961	3.961	(0.827)	474904	50.0000	55
	46 1,1-Dichloropropene	75	4.000	4.000	(0.835)	573724	50.0000	48
	47 tert-Amyl methyl ether	73	4.453	4.453	(0.930)	1189214	50.0000	47
	49 1-Chlorobutane	56	4.059	4.059	(0.848)	911986	50.0000	46
	51 Propionitrile	54	4.325	4.325	(0.903)	907779	500.000	500
	52 Benzene	78	4.306	4.306	(0.899)	1609747	50.0000	47
	53 2-Methyl-2-Propenenitrile	41	4.355	4.355	(0.909)	441344	50.0000	52
	54 Isobutyl alcohol	42	4.591	4.591	(0.959)	227857	500.000	500
$	55 1,2-Dichloroethane-d4	65	4.463	4.463	(0.932)	185153	25.0000	22
	56 1,2-Dichloroethane	62	4.542	4.542	(0.949)	500195	50.0000	50
	59 Methyl Cyclohexane	83	4.976	4.976	(1.039)	714186	50.0000	46
	60 Trichloroethene	130	4.985	4.985	(1.041)	396913	50.0000	45
	63 Dibromomethane	93	5.429	5.429	(1.134)	298005	50.0000	51
	64 1,2-Dichloropropane	63	5.537	5.537	(1.156)	498172	50.0000	47
	65 Bromodichloromethane	83	5.616	5.616	(1.173)	471566	50.0000	48
	66 Methyl Methacrylate	69	5.803	5.803	(1.212)	398905	50.0000	50
	67 1,4-Dioxane	58	5.852	5.852	(1.222)	47078	500.000	550
	69 2-Chloroethylvinylether	63	6.217	6.217	(1.298)	278559	50.0000	53
	174 Ethyl acrylate	55	5.596	5.596	(1.169)	759817	50.0000	47
	70 cis-1,3-Dichloropropene	75	6.256	6.256	(1.307)	657024	50.0000	47
	71 Chloroacetonitrile	48	6.631	6.631	(1.385)	246274	500.000	510
	72 2-Nitropropane	41	6.700	6.700	(1.399)	252889	100.000	100
	73 trans-1,3-Dichloropropene	75	6.897	6.897	(1.440)	577150	50.0000	48
	74 1,1,2-Trichloroethane	97	7.035	7.035	(1.469)	380008	50.0000	49
*	75 Chlorobenzene-d5	117	7.872	7.872	(1.000)	522506	25.0000	
	76 Toluene	91	6.493	6.493	(0.825)	1610825	50.0000	47
$	77 Toluene-d8	98	6.443	6.443	(0.819)	693754	25.0000	23
	78 1,1-Dichloro-2-propanone	43	6.719	6.719	(0.854)	1998019	250.000	270
	79 4-Methyl-2-Pentanone	43	6.857	6.857	(0.871)	740779	50.0000	53
	80 Tetrachloroethene	164	6.857	6.857	(0.871)	274902	50.0000	45
	81 Ethyl Methacrylate	69	7.064	7.064	(0.897)	581284	50.0000	50
	82 Dibromochloromethane	129	7.202	7.202	(0.915)	392327	50.0000	47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	7.281	7.281	(0.925)	709781	50.0000	51
84	1,2-Dibromoethane	107	7.399	7.399	(0.940)	446777	50.0000	49
86	2-Hexanone	43	7.636	7.636	(0.970)	573215	50.0000	53
87	1-Chlorohexane	91	7.892	7.892	(1.002)	583377	50.0000	45
88	Chlorobenzene	112	7.892	7.892	(1.002)	1092671	50.0000	47
89	1,1,1,2-Tetrachloroethane	131	7.951	7.951	(1.010)	336208	50.0000	46
90	Ethylbenzene	106	7.931	7.931	(1.008)	552163	50.0000	46
91	Xylene (total)mp	106	8.059	8.059	(1.024)	1397650	100.000	93
92	Xylene (total)o	106	8.434	8.434	(1.071)	668714	50.0000	47
93	Styrene	104	8.483	8.483	(1.078)	1128936	50.0000	48
94	Bromoform	173	8.493	8.493	(1.079)	237599	50.0000	52
* 95	1,4-Dichlorobenzene-d4	152	9.931	9.931	(1.000)	211640	25.0000	
96	Isopropylbenzene	105	8.719	8.719	(0.878)	1562685	50.0000	45
97	Bromobenzene	156	9.044	9.044	(0.911)	376957	50.0000	45
98	1,1,2,2-Tetrachloroethane	83	9.143	9.143	(0.921)	533072	50.0000	49
99	4-Ethyltoluene	105	9.182	9.182	(0.925)	1655535	50.0000	46
100	1,2,3-Trichloropropane	110	9.251	9.251	(0.932)	150302	50.0000	49
101	trans-1,4-Dichloro-2-Butene	53	9.300	9.300	(0.937)	292995	100.000	100
102	n-Propylbenzene	91	9.084	9.084	(0.915)	2018309	50.0000	47
103	2-Chlorotoluene	91	9.202	9.202	(0.927)	1307394	50.0000	47
104	4-Chlorotoluene	91	9.350	9.350	(0.941)	1158994	50.0000	47
105	1,3,5-Trimethylbenzene	105	9.261	9.261	(0.933)	1318206	50.0000	46
106	tert-Butylbenzene	119	9.527	9.527	(0.959)	1093724	50.0000	44
107	1,2,4-Trimethylbenzene	105	9.596	9.596	(0.966)	1311566	50.0000	46
108	sec-Butylbenzene	105	9.685	9.685	(0.975)	1802584	50.0000	46
109	4-Isopropyltoluene	119	9.813	9.813	(0.988)	1374398	50.0000	44
110	1,3-Dichlorobenzene	146	9.862	9.862	(0.993)	666219	50.0000	45
111	1,4-Dichlorobenzene	146	9.941	9.941	(1.001)	680495	50.0000	45
112	1,2-Dichlorobenzene	146	10.305	10.305	(1.038)	623100	50.0000	45
113	Benzyl Chloride	126	10.158	10.158	(1.023)	144671	50.0000	44
114	1,4-Diethylbenzene	119	10.138	10.138	(1.021)	679622	50.0000	45
115	n-Butylbenzene	91	10.177	10.177	(1.025)	2045826	50.0000	44
118	1,2,4,5-Tetramethylbenzene	119	10.837	10.837	(1.091)	1105528	50.0000	45
119	1,2-Dibromo-3-chloropropane	75	11.005	11.005	(1.108)	69506	50.0000	52
120	Nitrobenzene	77	11.497	11.497	(1.158)	144580	500.000	310
121	1,2,4-Trichlorobenzene	180	11.606	11.606	(1.169)	395482	50.0000	46
122	Hexachlorobutadiene	225	11.586	11.586	(1.167)	177628	50.0000	40
123	Naphthalene	128	11.882	11.882	(1.196)	1031062	50.0000	42
124	1,2,3-Trichlorobenzene	180	12.049	12.049	(1.213)	349003	50.0000	46
$ 125	Bromofluorobenzene	95	8.956	8.956	(0.902)	260135	25.0000	25
M 126	1,2-Dichloroethene (total)	100				869959	100.000	96
M 127	Xylene (total)	100				2066364	150.000	140

QC Flag Legend

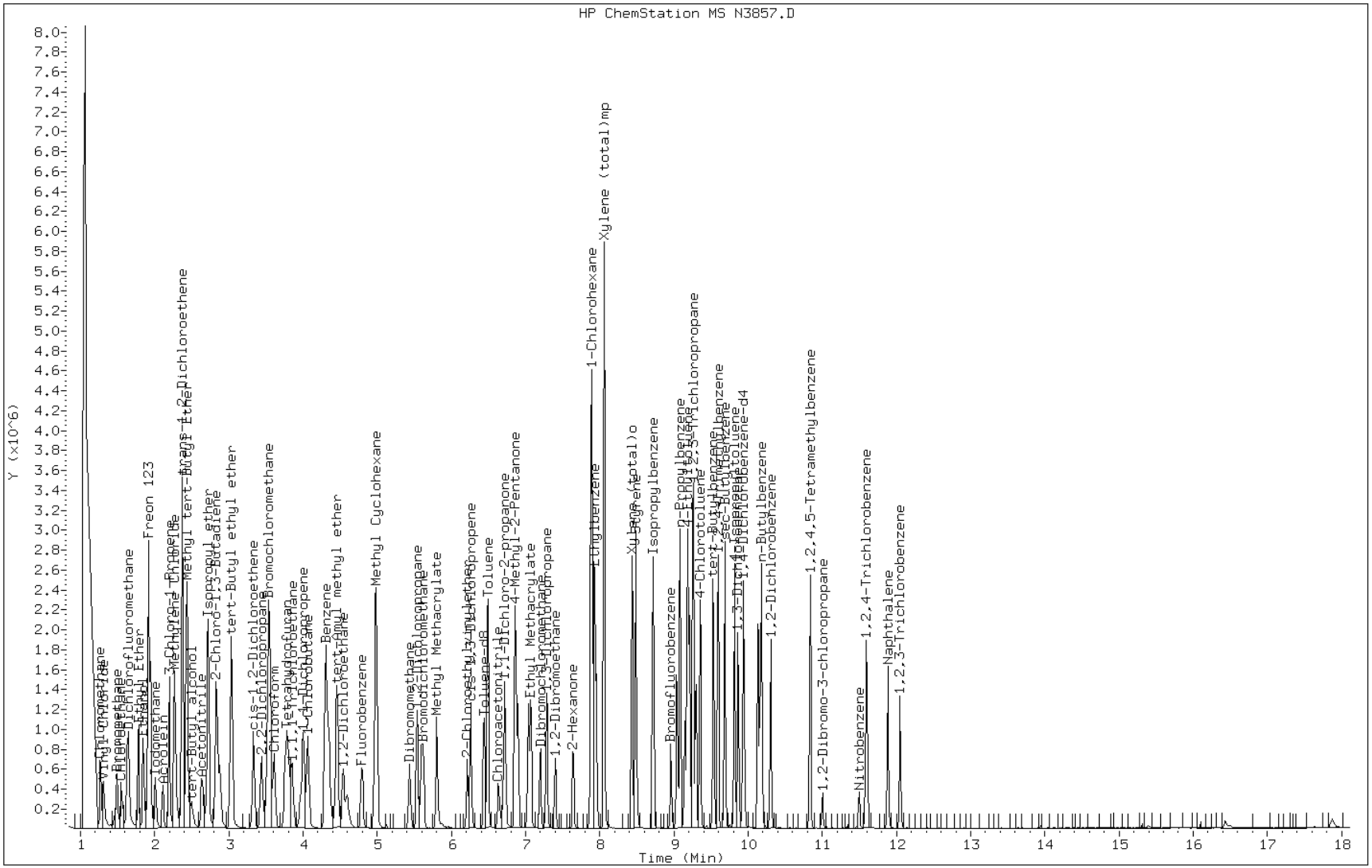
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: N3857.D

Date: 19-JUL-2011 10:15

Client ID: CCVIS-632363 Instrument: msn.i

Sample Info: CCVIS-632363 Operator: D. HUMBERT



Manual Integration Report

Data File: N3857.D
Inj. Date and Time: 19-JUL-2011 10:15
Instrument ID: msn.i
Client ID: CCVIS-632363
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 07/20/2011

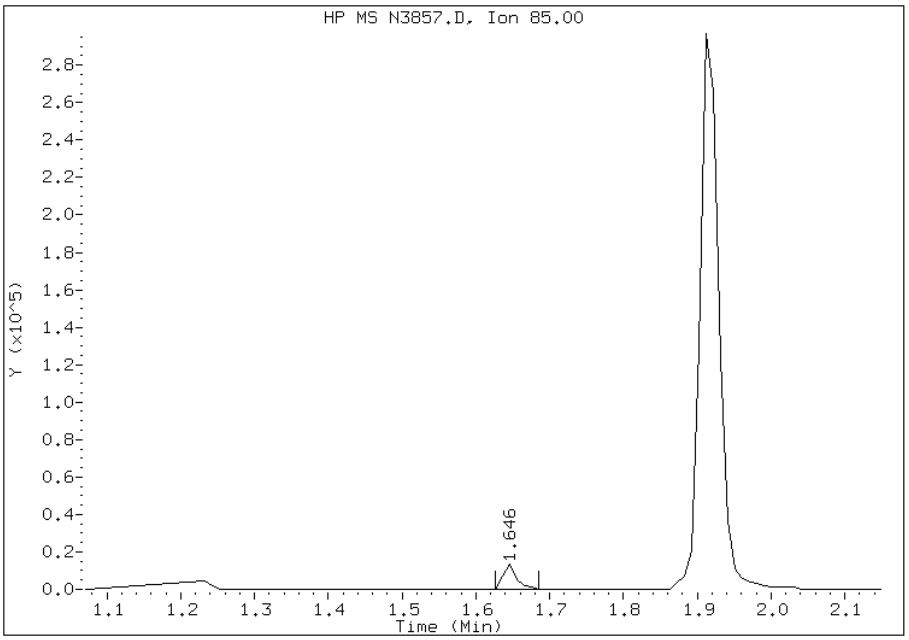
Processing Integration Results

RT: 1.65

Response: 17315

Amount: 10

Conc: 10



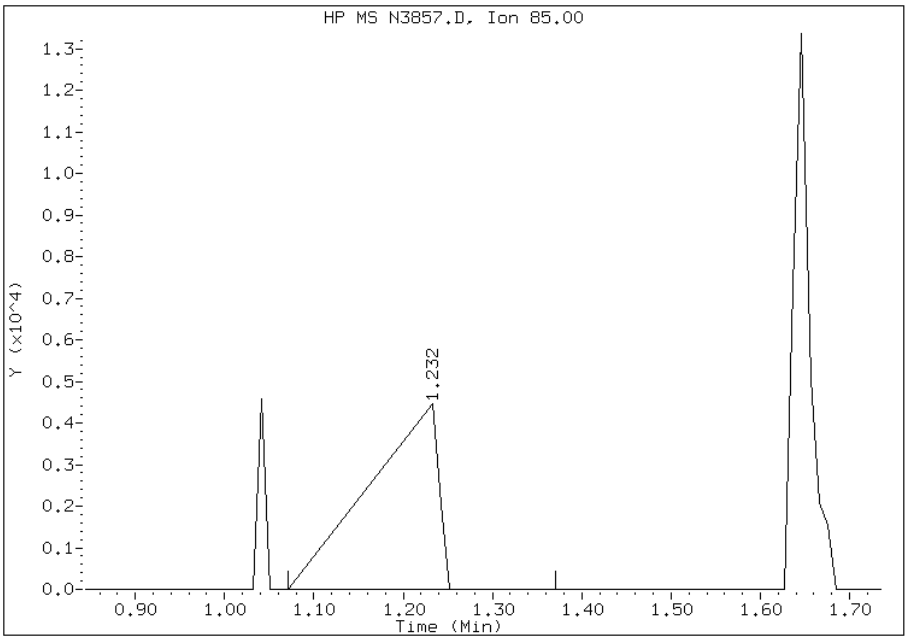
Manual Integration Results

RT: 1.23

Response: 7839

Amount: 4

Conc: 4



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53146/1 Calibration Date: 07/20/2011 10:17

Instrument ID: MSO Calib Start Date: 06/23/2011 13:41

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 06/23/2011 17:14

Lab File ID: O4950.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4827	0.3641		37.7	50.0	-24.6	30.0
Chloromethane	Ave	0.8870	0.8426	0.1000	47.5	50.0	-5.0	30.0
Vinyl chloride	Ave	0.6826	0.6989		51.2	50.0	2.4	20.0
Bromomethane	Ave	0.3152	0.3270		51.9	50.0	3.7	30.0
Chloroethane	Ave	0.2978	0.3770		63.3	50.0	26.6	30.0
Trichlorofluoromethane	Ave	0.6572	0.6759		51.4	50.0	2.8	30.0
Dichlorofluoromethane	Ave	0.9409	0.9944		52.8	50.0	5.7	30.0
Ethyl ether	Ave	0.3546	0.3964		55.9	50.0	11.8	30.0
Ethanol	Ave	0.0280	0.0365		652	500	30.3*	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.1692	0.1553		45.9	50.0	-8.2	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4945	0.4676		47.3	50.0	-5.4	30.0
1,1-Dichloroethene	Ave	0.4094	0.3634		44.4	50.0	-11.2	20.0
Carbon disulfide	Ave	1.954	1.626		41.6	50.0	-16.8	30.0
Iodomethane	Ave	0.6882	0.5695		41.4	50.0	-17.2	30.0
Acrolein	Ave	0.1103	0.0706		160	250	-36.0*	30.0
3-Chloro-1-propene	Ave	1.124	1.167		51.9	50.0	3.9	30.0
Isopropyl alcohol	Ave	0.1392	0.1659		59.7	50.1	19.2	30.0
Methylene Chloride	Ave	0.6447	0.5963		46.3	50.0	-7.5	30.0
Acetone	Ave	0.3921	0.4624		59.0	50.0	17.9	30.0
Methyl acetate	Ave	3.128	3.794		60.6	50.0	21.3	30.0
trans-1,2-Dichloroethene	Ave	0.5105	0.4656		45.6	50.0	-8.8	30.0
Methyl tert-butyl ether	Ave	1.525	1.524		50.0	50.0	-0.0	30.0
tert-Butyl alcohol	Ave	0.0971	0.1100		283	250	13.2	30.0
Acetonitrile	Ave	0.0950	0.1110		583	499	16.8	30.0
Isopropyl ether	Ave	2.444	2.555		52.3	50.0	4.6	30.0
2-Chloro-1,3-butadiene	Ave	0.5131	0.4289		41.8	50.0	-16.4	30.0
1,1-Dichloroethane	Ave	1.038	1.061	0.1000	51.1	50.0	2.2	30.0
Acrylonitrile	Ave	0.2820	0.3126		111	100	10.8	30.0
Tert-butyl ethyl ether	Ave	1.929	1.924		49.9	50.0	-0.3	30.0
Vinyl acetate	Ave	1.734	1.419		40.9	50.0	-18.1	30.0
cis-1,2-Dichloroethene	Ave	0.5816	0.5409		46.5	50.0	-7.0	30.0
2,2-Dichloropropane	Ave	0.8399	0.7735		46.0	50.0	-7.9	30.0
Bromochloromethane	Ave	0.2790	0.2466		44.2	50.0	-11.6	30.0
Cyclohexane	Ave	0.8459	0.7388		43.7	50.0	-12.7	30.0
Chloroform	Ave	1.001	0.9289		46.4	50.0	-7.2	20.0
Ethyl acetate	Ave	0.0494	0.0445		90.2	100	-9.8	30.0
Methyl acrylate	Ave	0.5937	0.6680		56.3	50.0	12.5	30.0
Carbon tetrachloride	Ave	0.6745	0.6248		46.3	50.0	-7.4	30.0
Tetrahydrofuran	Ave	0.2630	0.3104		118	100	18.0	30.0
1,1,1-Trichloroethane	Ave	0.7130	0.6667		46.8	50.0	-6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53146/1 Calibration Date: 07/20/2011 10:17

Instrument ID: MSO Calib Start Date: 06/23/2011 13:41

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 06/23/2011 17:14

Lab File ID: O4950.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.4698	0.5429		57.8	50.0	15.6	30.0
1,1-Dichloropropene	Ave	0.7879	0.7540		47.8	50.0	-4.3	30.0
1-Chlorobutane	Ave	1.217	1.200		49.3	50.0	-1.4	30.0
Benzene	Ave	2.145	2.026		47.2	50.0	-5.5	30.0
Propionitrile	Ave	0.0963	0.1082		562	500	12.4	30.0
Methacrylonitrile	Ave	0.4801	0.5394		56.2	50.0	12.3	30.0
Tert-amyl methyl ether	Ave	1.603	1.586		49.5	50.0	-1.1	30.0
1,2-Dichloroethane	Ave	0.6905	0.7410		53.7	50.0	7.3	30.0
Isobutyl alcohol	Ave	0.0591	0.0336		284	499	-43.1*	30.0
Methylcyclohexane	Ave	0.9545	0.8583		45.0	50.0	-10.1	30.0
Trichloroethene	Ave	0.4860	0.4348		44.7	50.0	-10.5	30.0
Dibromomethane	Ave	0.3792	0.3641		48.0	50.0	-4.0	30.0
1,2-Dichloropropane	Ave	0.6241	0.6335		50.8	50.0	1.5	20.0
Bromodichloromethane	Ave	0.7569	0.6826		45.1	50.0	-9.8	30.0
Methyl methacrylate	Ave	0.4720	0.4698		49.8	50.0	-0.5	30.0
1,4-Dioxane	Ave	0.0054	0.0058		446	499	7.3	30.0
2-Chloroethyl vinyl ether	Ave	0.3625	0.3937		54.2	49.9	8.6	30.0
cis-1,3-Dichloropropene	Ave	0.9226	0.8877		48.1	50.0	-3.8	30.0
Toluene	Ave	2.980	2.592		43.5	50.0	-13.0	20.0
Chloroacetonitrile	Ave	0.0312	0.0335		536	500	7.3	30.0
2-Nitropropane	Ave	0.1648	0.2030		123	100	23.2	30.0
1,1-Dichloro-2-propanone	Ave	0.6011	0.6839		284	250	13.8	30.0
Tetrachloroethene	Ave	0.5301	0.4394		41.4	50.0	-17.1	30.0
methyl isobutyl ketone	Ave	1.189	1.274		53.6	50.0	7.2	30.0
trans-1,3-Dichloropropene	Ave	0.8094	0.7976		49.3	50.0	-1.5	30.0
1,1,2-Trichloroethane	Ave	0.4467	0.4236		47.4	50.0	-5.2	30.0
Ethyl methacrylate	Ave	1.046	0.9634		46.0	50.0	-7.9	30.0
Dibromochloromethane	Ave	0.7860	0.6538		41.6	50.0	-16.8	30.0
1,3-Dichloropropane	Ave	1.272	1.161		45.6	50.0	-8.7	30.0
1,2-Dibromoethane	Ave	0.7459	0.6463		43.3	50.0	-13.4	30.0
2-Hexanone	Ave	0.9083	0.998		54.9	50.0	9.9	30.0
Chlorobenzene	Ave	1.865	1.578	0.3000	42.3	50.0	-15.4	30.0
1-Chlorohexane	Ave	1.357	1.260		46.4	50.0	-7.2	30.0
Ethylbenzene	Ave	0.9660	0.8179		42.3	50.0	-15.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6503	0.5434		41.8	50.0	-16.4	30.0
m&p-Xylene	Ave	1.216	1.012		83.3	100	-16.7	30.0
o-Xylene	Ave	1.171	0.9661		41.3	50.0	-17.5	30.0
Styrene	Ave	1.954	1.564		40.0	50.0	-20.0	30.0
Bromoform	Ave	0.5019	0.3929	0.1000	39.1	50.0	-21.7	30.0
Isopropylbenzene	Ave	5.925	5.176		43.7	50.0	-12.6	30.0
Bromobenzene	Ave	1.553	1.341		43.2	50.0	-13.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53146/1 Calibration Date: 07/20/2011 10:17

Instrument ID: MSO Calib Start Date: 06/23/2011 13:41

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 06/23/2011 17:14

Lab File ID: O4950.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	8.277	7.754		46.8	50.0	-6.3	30.0
1,1,2,2-Tetrachloroethane	Ave	2.270	2.224	0.3000	49.0	50.0	-2.0	30.0
4-Ethyltoluene	Ave	6.220	5.486		44.1	50.0	-11.8	30.0
2-Chlorotoluene	Ave	5.402	5.016		46.4	50.0	-7.2	30.0
1,2,3-Trichloropropane	Ave	0.5140	0.4972		48.4	50.0	-3.3	30.0
1,3,5-Trimethylbenzene	Ave	5.222	4.510		43.2	50.0	-13.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.5782	0.6062		105	100	4.8	30.0
4-Chlorotoluene	Ave	4.949	4.440		44.9	50.0	-10.3	30.0
tert-Butylbenzene	Ave	4.285	3.790		44.2	50.0	-11.6	30.0
1,2,4-Trimethylbenzene	Ave	5.223	4.563		43.7	50.0	-12.6	30.0
sec-Butylbenzene	Ave	7.101	6.282		44.2	50.0	-11.5	30.0
4-Isopropyltoluene	Ave	5.382	4.657		43.3	50.0	-13.5	30.0
1,3-Dichlorobenzene	Ave	2.752	2.346		42.6	50.0	-14.7	30.0
1,4-Dichlorobenzene	Ave	2.754	2.338		42.4	50.0	-15.1	30.0
p-Diethylbenzene	Ave	2.617	2.247		42.9	50.0	-14.1	30.0
Benzyl chloride	Ave	0.6178	0.5413		43.8	50.0	-12.4	30.0
n-Butylbenzene	Ave	6.418	5.657		44.1	50.0	-11.9	30.0
1,2-Dichlorobenzene	Ave	2.582	2.180		42.2	50.0	-15.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.330	3.726		43.0	50.0	-13.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3150	0.3334		52.9	50.0	5.8	30.0
Nitrobenzene	Ave	0.1013	0.0728		360	500	-28.1	30.0
1,2,4-Trichlorobenzene	Ave	1.398	1.173		42.0	50.0	-16.1	30.0
Hexachlorobutadiene	Ave	0.8077	0.6799		42.1	50.0	-15.8	30.0
Naphthalene	Ave	3.102	2.829		45.6	50.0	-8.8	30.0
1,2,3-Trichlorobenzene	Ave	1.242	1.034		41.6	50.0	-16.7	30.0
Dibromofluoromethane	Ave	0.5614	0.4850		21.6	25.0	-13.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6123	0.5925		24.2	25.0	-3.2	30.0
Toluene-d8 (Surr)	Ave	2.599	2.060		19.8	25.0	-20.8	30.0
4-Bromofluorobenzene	Ave	2.087	1.767		21.2	25.0	-15.3	30.0

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4950.D
Lab Smp Id: CCVIS-632366 Client Smp ID: CCVIS-632366
Inj Date : 20-JUL-2011 10:17 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : CCVIS-632366
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 32 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.797	3.797	(1.000)	210464	25.0000	
2	Dichlorodifluoromethane	85	0.934	0.934	(0.246)	153266	50.0000	38
3	Chloromethane	50	1.013	1.013	(0.267)	354662	50.0000	47
4	Vinyl Chloride	62	1.042	1.042	(0.275)	294205	50.0000	51
5	Bromomethane	94	1.170	1.170	(0.308)	137630	50.0000	52
6	Chloroethane	64	1.219	1.219	(0.321)	158702	50.0000	63
7	Trichlorofluoromethane	101	1.278	1.278	(0.337)	284507	50.0000	51
8	Dichlorofluoromethane	67	1.298	1.298	(0.342)	418572	50.0000	53
9	Ethyl Ether	45	1.396	1.396	(0.368)	166870	50.0000	56
10	Ethanol	45	1.445	1.445	(0.381)	153441	500.000	650
12	Freon 123	67	1.505	1.505	(0.396)	65365	50.0000	46
13	Trichlorotrifluoroethane	101	1.505	1.505	(0.396)	196817	50.0000	47
14	1,1-Dichloroethene	96	1.505	1.505	(0.396)	152966	50.0000	44
15	Carbon Disulfide	76	1.524	1.524	(0.402)	684333	50.0000	42
16	Iodomethane	142	1.573	1.573	(0.414)	239732	50.0000	41
17	Acrolein	56	1.652	1.652	(0.435)	148749	250.000	160
18	2-Propanol	45	1.711	1.711	(0.451)	69995	50.0000	60
19	3-Chloro-1-Propene	41	1.711	1.711	(0.451)	491174	50.0000	52
20	Methylene Chloride	84	1.770	1.770	(0.466)	251016	50.0000	46
21	Acetone	43	1.790	1.790	(0.471)	194623	50.0000	59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.859	1.859	(0.490)	195966	50.0000	46
	23 Methyl Acetate	43	1.849	1.849	(0.487)	1597194	50.0000	61
	24 Methyl tert-Butyl Ether	73	1.898	1.898	(0.500)	641298	50.0000	50
	25 tert-Butyl alcohol	59	1.937	1.937	(0.510)	231413	250.000	280
	26 Acetonitrile	41	2.046	2.046	(0.539)	466323	500.000	580
	27 Isopropyl ether	45	2.105	2.105	(0.554)	1075606	50.0000	52
	28 tert-Butyl ethyl ether	59	2.341	2.341	(0.617)	809854	50.0000	50
	29 2-Chloro-1,3-Butadiene	88	2.193	2.193	(0.578)	180524	50.0000	42
	30 Acrylonitrile	53	2.233	2.233	(0.588)	263189	100.000	110
	31 1,1-Dichloroethane	63	2.203	2.203	(0.580)	446668	50.0000	51
	32 Vinyl Acetate	43	2.351	2.351	(0.619)	597054	50.0000	41
	33 cis-1,2-Dichloroethene	96	2.577	2.577	(0.679)	227687	50.0000	46
	34 2,2-Dichloropropane	77	2.656	2.656	(0.699)	325595	50.0000	46
	35 Bromochloromethane	128	2.734	2.734	(0.720)	103787	50.0000	44
	37 Cyclohexane	84	2.744	2.744	(0.723)	310966	50.0000	44
	38 Chloroform	83	2.793	2.793	(0.736)	390989	50.0000	46
	39 Ethyl Acetate	43	2.892	2.892	(0.762)	37494	100.000	90
	40 Methyl Acrylate	55	2.892	2.892	(0.762)	281196	50.0000	56
$	41 Dibromofluoromethane	111	2.951	2.951	(0.777)	102068	25.0000	22
	42 Tetrahydrofuran	42	2.921	2.921	(0.769)	261303	100.000	120
	43 Carbon Tetrachloride	117	2.911	2.911	(0.767)	262975	50.0000	46
	44 1,1,1-Trichloroethane	97	2.971	2.971	(0.782)	280623	50.0000	47
	45 2-Butanone	43	3.059	3.059	(0.806)	228537	50.0000	58
	46 1,1-Dichloropropene	75	3.079	3.079	(0.811)	317357	50.0000	48
	47 tert-Amyl methyl ether	73	3.453	3.453	(0.909)	667609	50.0000	49
	49 1-Chlorobutane	56	3.128	3.128	(0.824)	505155	50.0000	49
	51 Propionitrile	54	3.344	3.344	(0.881)	455555	500.000	560
	52 Benzene	78	3.325	3.325	(0.876)	852820	50.0000	47
	53 2-Methyl-2-Propenenitrile	41	3.364	3.364	(0.886)	227029	50.0000	56
	54 Isobutyl alcohol	42	3.590	3.590	(0.946)	141358	250.000	280
$	55 1,2-Dichloroethane-d4	65	3.462	3.462	(0.912)	124704	25.0000	24
	56 1,2-Dichloroethane	62	3.541	3.541	(0.933)	311915	50.0000	54
	59 Methyl Cyclohexane	83	3.994	3.994	(1.052)	361288	50.0000	45
	60 Trichloroethene	130	4.013	4.013	(1.057)	183014	50.0000	45
	63 Dibromomethane	93	4.545	4.545	(1.197)	153272	50.0000	48
	64 1,2-Dichloropropane	63	4.663	4.663	(1.228)	266673	50.0000	51
	65 Bromodichloromethane	83	4.771	4.771	(1.257)	287304	50.0000	45
	66 Methyl Methacrylate	69	4.988	4.988	(1.314)	197730	50.0000	50
	67 1,4-Dioxane	58	5.007	5.007	(1.319)	24440	500.000	450
	69 2-Chloroethylvinylether	63	5.460	5.460	(1.438)	165426	50.0000	54
	70 cis-1,3-Dichloropropene	75	5.489	5.489	(1.446)	373649	50.0000	48
	71 Chloroacetonitrile	48	5.922	5.922	(1.560)	140812	500.000	540
	72 2-Nitropropane	41	5.971	5.971	(1.573)	170932	100.000	120
	73 trans-1,3-Dichloropropene	75	6.188	6.188	(1.630)	335729	50.0000	49
	74 1,1,2-Trichloroethane	97	6.335	6.335	(1.668)	178288	50.0000	47
*	75 Chlorobenzene-d5	117	7.201	7.201	(1.000)	154452	25.0000	
	76 Toluene	91	5.735	5.735	(0.796)	800679	50.0000	43
$	77 Toluene-d8	98	5.686	5.686	(0.790)	318136	25.0000	20
	78 1,1-Dichloro-2-propanone	43	5.991	5.991	(0.832)	1056274	250.000	280
	79 4-Methyl-2-Pentanone	43	6.158	6.158	(0.855)	393676	50.0000	54
	80 Tetrachloroethene	164	6.129	6.129	(0.851)	135735	50.0000	41
	81 Ethyl Methacrylate	69	6.394	6.394	(0.888)	297596	50.0000	46
	82 Dibromochloromethane	129	6.503	6.503	(0.903)	201954	50.0000	42
	83 1,3-Dichloropropane	76	6.591	6.591	(0.915)	358684	50.0000	46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
84	1,2-Dibromoethane	107	6.700	6.700	(0.930)	199645	50.0000	43
86	2-Hexanone	43	6.985	6.985	(0.970)	308255	50.0000	55
87	1-Chlorohexane	91	7.250	7.250	(1.007)	389088	50.0000	46(M)
88	Chlorobenzene	112	7.221	7.221	(1.003)	487585	50.0000	42
89	1,1,1,2-Tetrachloroethane	131	7.290	7.290	(1.012)	167848	50.0000	42
90	Ethylbenzene	106	7.270	7.270	(1.010)	252645	50.0000	42
91	Xylene (total)mp	106	7.408	7.408	(1.029)	625484	100.000	83
92	Xylene (total)o	106	7.792	7.792	(1.082)	298446	50.0000	41
93	Styrene	104	7.841	7.841	(1.089)	482992	50.0000	40
94	Bromoform	173	7.851	7.851	(1.090)	121361	50.0000	39
* 95	1,4-Dichlorobenzene-d4	152	9.307	9.307	(1.000)	67727	25.0000	
96	Isopropylbenzene	105	8.087	8.087	(0.869)	701093	50.0000	44
97	Bromobenzene	156	8.402	8.402	(0.903)	181672	50.0000	43
98	1,1,2,2-Tetrachloroethane	83	8.530	8.530	(0.916)	301309	50.0000	49
99	4-Ethyltoluene	105	8.559	8.559	(0.920)	743154	50.0000	44
100	1,2,3-Trichloropropane	110	8.628	8.628	(0.927)	67353	50.0000	48
101	trans-1,4-Dichloro-2-Butene	53	8.677	8.677	(0.932)	164225	100.000	100
102	n-Propylbenzene	91	8.451	8.451	(0.908)	1050377	50.0000	47
103	2-Chlorotoluene	91	8.569	8.569	(0.921)	679403	50.0000	46
104	4-Chlorotoluene	91	8.726	8.726	(0.938)	601443	50.0000	45
105	1,3,5-Trimethylbenzene	105	8.638	8.638	(0.928)	610875	50.0000	43
106	tert-Butylbenzene	119	8.913	8.913	(0.958)	513310	50.0000	44
107	1,2,4-Trimethylbenzene	105	8.972	8.972	(0.964)	618019	50.0000	44
108	sec-Butylbenzene	105	9.061	9.061	(0.974)	850921	50.0000	44
109	4-Isopropyltoluene	119	9.199	9.199	(0.988)	630748	50.0000	43
110	1,3-Dichlorobenzene	146	9.238	9.238	(0.993)	317785	50.0000	43
111	1,4-Dichlorobenzene	146	9.317	9.317	(1.001)	316713	50.0000	42
112	1,2-Dichlorobenzene	146	9.671	9.671	(1.039)	295307	50.0000	42
113	Benzyl Chloride	126	9.543	9.543	(1.025)	73314	50.0000	44
114	1,4-Diethylbenzene	119	9.523	9.523	(1.023)	304351	50.0000	43
115	n-Butylbenzene	91	9.572	9.572	(1.029)	766300	50.0000	44
118	1,2,4,5-Tetramethylbenzene	119	10.222	10.222	(1.098)	504765	50.0000	43
119	1,2-Dibromo-3-chloropropane	75	10.379	10.379	(1.115)	45160	50.0000	53
120	Nitrobenzene	77	10.861	10.861	(1.167)	98652	500.000	360
121	1,2,4-Trichlorobenzene	180	10.970	10.970	(1.179)	158908	50.0000	42
122	Hexachlorobutadiene	225	10.970	10.970	(1.179)	92099	50.0000	42
123	Naphthalene	128	11.245	11.245	(1.208)	383164	50.0000	46
124	1,2,3-Trichlorobenzene	180	11.412	11.412	(1.226)	140073	50.0000	42
$ 125	Bromofluorobenzene	95	8.323	8.323	(0.894)	119657	25.0000	21
M 126	1,2-Dichloroethene (total)	100				423653	100.000	92
M 127	Xylene (total)	100				923930	150.000	120

QC Flag Legend

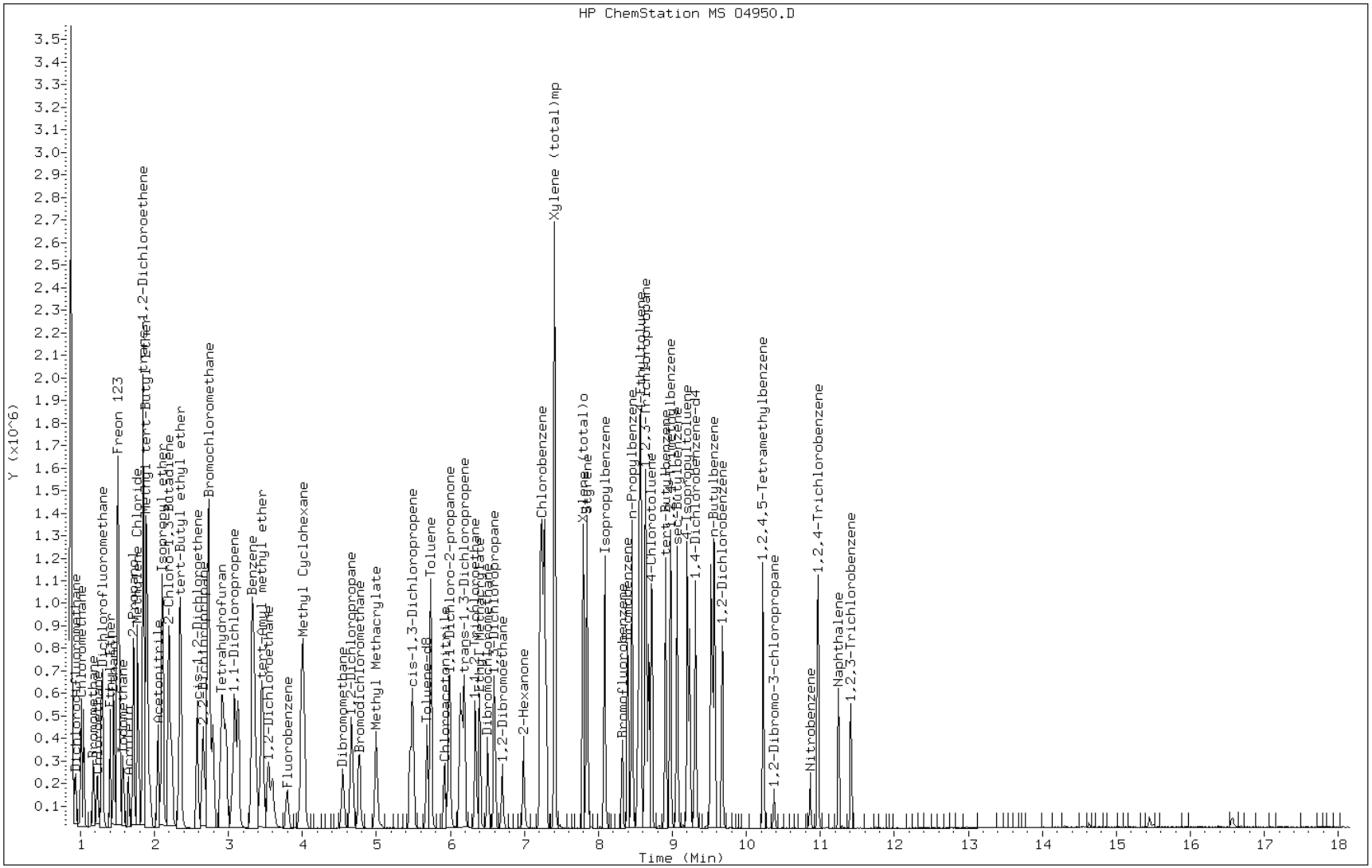
M - Compound response manually integrated.

Data File: O4950.D

Date: 20-JUL-2011 10:17

Client ID: CCVIS-632366 Instrument: mso.i

Sample Info: CCVIS-632366 Operator: D. HUMBERT



Manual Integration Report

Data File: O4950.D
Inj. Date and Time: 20-JUL-2011 10:17
Instrument ID: mso.i
Client ID: CCVIS-632366
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/21/2011

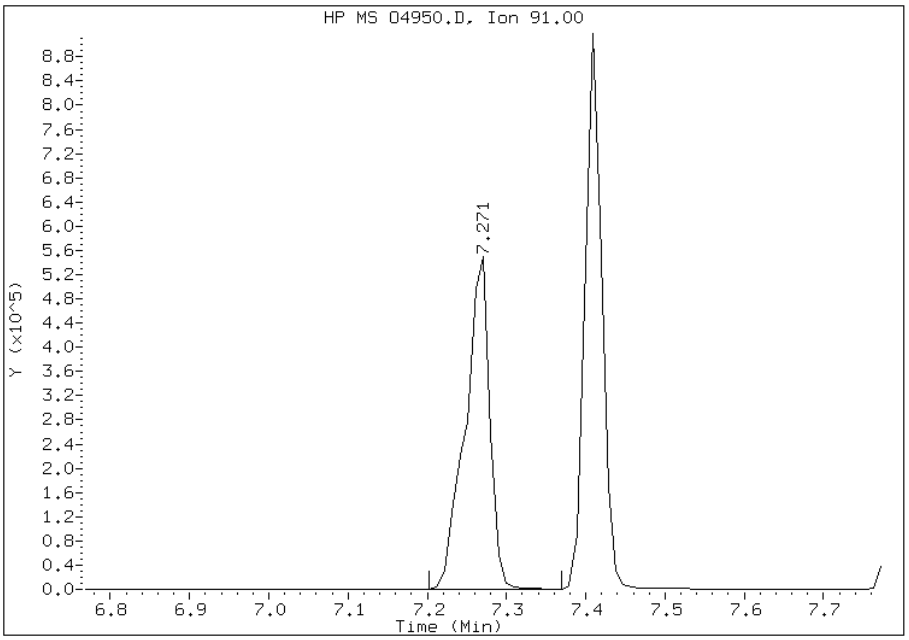
Processing Integration Results

RT: 7.27

Response: 1203286

Amount: 143

Conc: 143



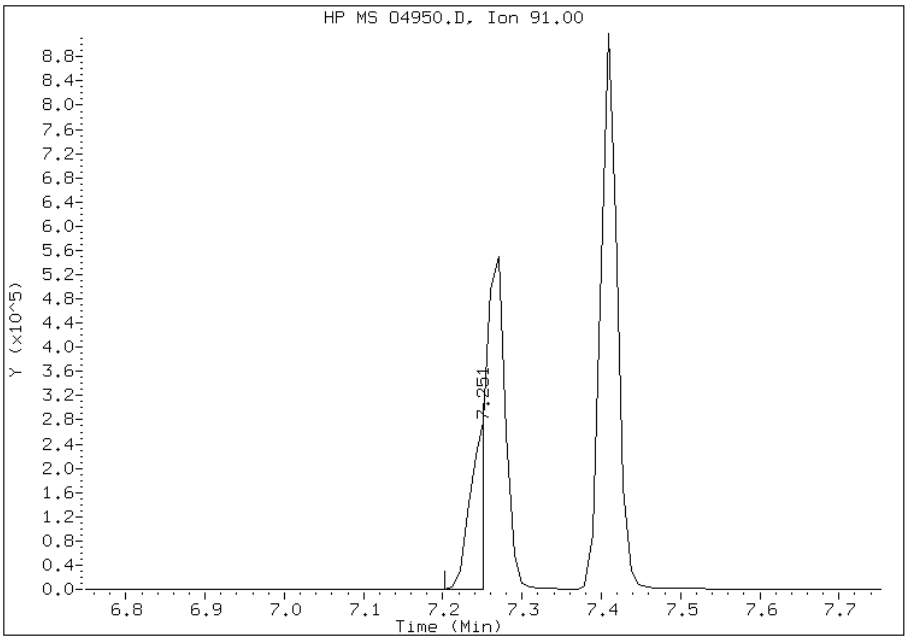
Manual Integration Results

RT: 7.25

Response: 389088

Amount: 46

Conc: 46



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53093/1 Calibration Date: 07/20/2011 09:45

Instrument ID: MSV Calib Start Date: 07/13/2011 14:31

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 16:47

Lab File ID: V2399.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2113	0.2406		22.8	20.0	13.8	30.0
Chloromethane	Ave	0.2296	0.1992	0.1000	17.4	20.0	-13.2	30.0
Vinyl chloride	Ave	0.2159	0.2055		19.0	20.0	-4.8	20.0
Bromomethane	Ave	0.1350	0.0973		14.4	20.0	-27.9	30.0
Chloroethane	Ave	0.1109	0.1217		21.9	20.0	9.7	30.0
Trichlorofluoromethane	Ave	0.4382	0.5422		24.7	20.0	23.7	30.0
Dichlorofluoromethane	Ave	0.3640	0.4087		22.5	20.0	12.3	30.0
Ethyl ether	Ave	0.1366	0.1075		15.7	20.0	-21.3	30.0
Ethanol	Lin	0.0075	0.0090		226	200	13.0	30.0
1,1-Dichloroethene	Ave	0.1737	0.2002		23.1	20.0	15.3	20.0
Carbon disulfide	Ave	0.7174	0.6827		19.0	20.0	-4.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2355	0.2627		22.3	20.0	11.6	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0519	0.0481		18.5	20.0	-7.5	30.0
Iodomethane	Lin	0.2484	0.2997		21.1	20.0	5.6	30.0
Acrolein	Ave	0.0358	0.0253		70.6	100	-29.5	30.0
3-Chloro-1-propene	Ave	0.3131	0.2828		18.1	20.0	-9.7	30.0
Isopropyl alcohol	Lin	0.0331	0.0216		14.3	20.1	-28.6	30.0
Methylene Chloride	Ave	0.3167	0.2750		17.4	20.0	-13.2	30.0
Acetone	Ave	0.0750	0.0995		26.5	20.0	32.7*	30.0
trans-1,2-Dichloroethene	Ave	0.2276	0.2452		21.5	20.0	7.7	30.0
Methyl acetate	Ave	0.9417	0.8218		17.5	20.0	-12.7	30.0
Methyl tert-butyl ether	Ave	0.7282	0.7735		21.2	20.0	6.2	30.0
tert-Butyl alcohol	Ave	0.0311	0.0275		88.5	100	-11.5	30.0
Acetonitrile	Ave	0.0248	0.0211		169	200	-15.1	30.0
Isopropyl ether	Ave	0.6879	0.5970		17.4	20.0	-13.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2075	0.2182		21.0	20.0	5.2	30.0
1,1-Dichloroethane	Ave	0.4333	0.4428	0.1000	20.4	20.0	2.2	30.0
Acrylonitrile	Ave	0.0892	0.0768		34.5	40.0	-13.9	30.0
Tert-butyl ethyl ether	Ave	0.7022	0.7142		20.3	20.0	1.7	30.0
Vinyl acetate	Ave	0.5093	0.4211		16.5	20.0	-17.3	30.0
cis-1,2-Dichloroethene	Ave	0.2765	0.2535		18.3	20.0	-8.3	30.0
2,2-Dichloropropane	Ave	0.3676	0.4841		26.3	20.0	31.7*	30.0
Bromochloromethane	Ave	0.1393	0.1549		22.2	20.0	11.2	30.0
Cyclohexane	Ave	0.3110	0.3142		20.2	20.0	1.0	30.0
Chloroform	Ave	0.5207	0.5284		20.3	20.0	1.5	20.0
Carbon tetrachloride	Ave	0.4205	0.5676		27.0	20.0	35.0*	30.0
Methyl acrylate	Ave	0.2329	0.1859		16.0	20.0	-20.2	30.0
Tetrahydrofuran	Ave	0.0780	0.0664		34.0	40.0	-14.9	30.0
Ethyl acetate	Lin	0.0308	0.0232		32.1	40.0	-19.9	30.0
1,1,1-Trichloroethane	Ave	0.4291	0.5766		26.9	20.0	34.4*	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53093/1 Calibration Date: 07/20/2011 09:45

Instrument ID: MSV Calib Start Date: 07/13/2011 14:31

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 16:47

Lab File ID: V2399.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.1080	0.1133		21.0	20.0	4.9	30.0
1,1-Dichloropropene	Ave	0.3364	0.3432		20.4	20.0	2.0	30.0
1-Chlorobutane	Ave	0.4203	0.4497		21.4	20.0	7.0	30.0
Benzene	Ave	0.9789	0.9352		19.1	20.0	-4.5	30.0
Propionitrile	Ave	0.0350	0.0314		180	200	-10.2	30.0
Methacrylonitrile	Ave	0.1438	0.1270		17.7	20.0	-11.6	30.0
Tert-amyl methyl ether	Ave	0.6639	0.6855		20.7	20.0	3.3	30.0
1,2-Dichloroethane	Ave	0.3609	0.4534		25.1	20.0	25.6	30.0
Isobutyl alcohol	Ave	0.0058	0.0043		146	200	-26.9	30.0
Methylcyclohexane	Ave	0.4015	0.4024		20.0	20.0	0.2	30.0
Trichloroethene	Ave	0.2847	0.2861		20.1	20.0	0.5	30.0
Dibromomethane	Ave	0.1861	0.1938		20.8	20.0	4.1	30.0
1,2-Dichloropropane	Ave	0.2528	0.2279		18.0	20.0	-9.9	20.0
Bromodichloromethane	Ave	0.3809	0.4394		23.1	20.0	15.4	30.0
1,4-Dioxane	Lin	0.0033	0.0021		173	200	-13.5	30.0
Methyl methacrylate	Lin	0.2011	0.1737		16.9	20.0	-15.7	30.0
2-Chloroethyl vinyl ether	Ave	0.1535	0.1157		15.1	20.0	-24.6	30.0
cis-1,3-Dichloropropene	Ave	0.4117	0.4186		20.3	20.0	1.7	30.0
Toluene	Ave	1.433	1.294		18.1	20.0	-9.7	20.0
Chloroacetonitrile	Ave	0.0090	0.0085		189	200	-5.4	30.0
2-Nitropropane	Ave	0.0653	0.0709		43.4	40.0	8.5	30.0
1,1-Dichloro-2-propanone	Ave	0.1636	0.1382		84.5	100	-15.5	30.0
Tetrachloroethene	Ave	0.3105	0.3099		20.0	20.0	-0.2	30.0
methyl isobutyl ketone	Ave	0.3038	0.2384		15.7	20.0	-21.5	30.0
trans-1,3-Dichloropropene	Ave	0.4170	0.4408		21.1	20.0	5.7	30.0
1,1,2-Trichloroethane	Ave	0.2379	0.2342		19.7	20.0	-1.6	30.0
Ethyl methacrylate	Ave	0.3802	0.3058		16.1	20.0	-19.6	30.0
Dibromochloromethane	Ave	0.4623	0.4389		19.0	20.0	-5.1	30.0
1,3-Dichloropropane	Ave	0.5324	0.4943		18.6	20.0	-7.2	30.0
1,2-Dibromoethane	Ave	0.3634	0.3468		19.1	20.0	-4.6	30.0
2-Hexanone	Ave	0.1945	0.1725		17.7	20.0	-11.3	30.0
Chlorobenzene	Ave	0.9629	0.8960	0.3000	18.6	20.0	-6.9	30.0
1-Chlorohexane	Lin	0.3565	0.2778		13.2	20.0	-33.8*	30.0
Ethylbenzene	Ave	0.5164	0.4566		17.7	20.0	-11.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3870	0.4036		20.9	20.0	4.3	30.0
m&p-Xylene	Ave	0.6044	0.6049		40.0	40.0	0.0	30.0
o-Xylene	Ave	0.5743	0.5669		19.7	20.0	-1.3	30.0
Bromoform	Ave	0.3445	0.3403	0.1000	19.8	20.0	-1.2	30.0
Styrene	Ave	0.9608	0.9157		19.1	20.0	-4.7	30.0
Isopropylbenzene	Ave	2.322	2.112		18.2	20.0	-9.1	30.0
Bromobenzene	Ave	0.8096	0.7057		17.4	20.0	-12.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53093/1 Calibration Date: 07/20/2011 09:45

Instrument ID: MSV Calib Start Date: 07/13/2011 14:31

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 07/13/2011 16:47

Lab File ID: V2399.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
N-Propylbenzene	Ave	3.034	2.707		17.8	20.0	-10.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7535	0.5401	0.3000	14.3	20.0	-28.3	30.0
2-Chlorotoluene	Ave	2.255	1.971		17.5	20.0	-12.6	30.0
4-Ethyltoluene	Ave	2.538	2.371		18.7	20.0	-6.6	30.0
1,2,3-Trichloropropane	Ave	0.2352	0.2137		18.2	20.0	-9.1	30.0
1,3,5-Trimethylbenzene	Ave	2.189	2.108		19.3	20.0	-3.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2077	0.1892		36.4	40.0	-8.9	30.0
4-Chlorotoluene	Ave	2.058	1.881		18.3	20.0	-8.6	30.0
tert-Butylbenzene	Ave	1.877	1.735		18.5	20.0	-7.6	30.0
1,2,4-Trimethylbenzene	Ave	2.303	2.171		18.9	20.0	-5.7	30.0
sec-Butylbenzene	Ave	2.668	2.517		18.9	20.0	-5.7	30.0
4-Isopropyltoluene	Ave	2.264	2.234		19.7	20.0	-1.3	30.0
1,3-Dichlorobenzene	Ave	1.501	1.259		16.8	20.0	-16.1	30.0
1,4-Dichlorobenzene	Ave	1.574	1.359		17.3	20.0	-13.7	30.0
p-Diethylbenzene	Ave	1.217	1.080		17.7	20.0	-11.3	30.0
Benzyl chloride	Ave	0.3017	0.2934		19.5	20.0	-2.7	30.0
n-Butylbenzene	Ave	2.344	2.127		18.2	20.0	-9.2	30.0
1,2-Dichlorobenzene	Ave	1.431	1.300		18.2	20.0	-9.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.321	2.001		17.2	20.0	-13.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1745	0.1590		18.2	20.0	-8.9	30.0
Nitrobenzene	Lin	0.0914	0.0617		147	200	-26.5	30.0
1,2,4-Trichlorobenzene	Ave	1.284	1.077		16.8	20.0	-16.1	30.0
Hexachlorobutadiene	Ave	0.6564	0.5793		17.6	20.0	-11.8	30.0
Naphthalene	Ave	2.864	2.121		14.8	20.0	-25.9	30.0
1,2,3-Trichlorobenzene	Ave	1.251	1.057		16.9	20.0	-15.6	30.0
Dibromofluoromethane	Ave	0.2792	0.2814		25.2	25.0	0.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3333	0.3636		27.3	25.0	9.1	30.0
Toluene-d8 (Surr)	Ave	1.291	1.046		20.3	25.0	-19.0	30.0
4-Bromofluorobenzene	Ave	0.8257	0.6263		19.0	25.0	-24.2	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2399.D
Lab Smp Id: CCVIS-632355 Client Smp ID: CCVIS-632355
Inj Date : 20-JUL-2011 09:45 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS-632355
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	273944	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	52721	20.0000	23
3	Chloromethane	50	1.089	1.089	(0.225)	43654	20.0000	17
4	Vinyl Chloride	62	1.132	1.132	(0.234)	45035	20.0000	19
5	Bromomethane	94	1.324	1.324	(0.274)	21321	20.0000	14
6	Chloroethane	64	1.393	1.393	(0.288)	26671	20.0000	22
7	Trichlorofluoromethane	101	1.479	1.479	(0.306)	118831	20.0000	25
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	89558	20.0000	22
9	Ethyl Ether	45	1.676	1.676	(0.347)	23568	20.0000	16
10	Ethanol	45	1.730	1.730	(0.358)	19607	200.000	220
12	Freon 123	67	1.847	1.847	(0.382)	10530	20.0000	18
13	Trichlorotrifluoroethane	101	1.836	1.836	(0.380)	57580	20.0000	22
14	1,1-Dichloroethene	96	1.804	1.804	(0.373)	43864	20.0000	23
15	Carbon Disulfide	76	1.820	1.820	(0.377)	149608	20.0000	19
16	Iodomethane	142	1.900	1.900	(0.393)	65681	20.0000	21
17	Acrolein	56	2.039	2.039	(0.422)	27742	100.000	71
18	2-Propanol	45	2.178	2.178	(0.450)	4746	20.0000	14(M)
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	61976	20.0000	18
20	Methylene Chloride	84	2.221	2.221	(0.459)	60264	20.0000	17
21	Acetone	43	2.263	2.263	(0.468)	21799	20.0000	26
22	trans-1,2-Dichloroethene	96	2.349	2.349	(0.486)	53746	20.0000	22
23	Methyl Acetate	43	2.370	2.370	(0.490)	180105	20.0000	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.450	2.450	(0.507)	169520	20.0000	21
	25 tert-Butyl alcohol	59	2.536	2.536	(0.524)	30162	100.000	88
	26 Acetonitrile	41	2.648	2.648	(0.548)	46112	200.000	170
	27 Isopropyl ether	45	2.808	2.808	(0.581)	130842	20.0000	17
	28 tert-Butyl ethyl ether	59	3.181	3.181	(0.658)	156527	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	47819	20.0000	21
	30 Acrylonitrile	53	2.941	2.941	(0.608)	33681	40.0000	34
	31 1,1-Dichloroethane	63	2.904	2.904	(0.601)	97039	20.0000	20
	32 Vinyl Acetate	43	3.181	3.181	(0.658)	92225	20.0000	16
	33 cis-1,2-Dichloroethene	96	3.453	3.453	(0.714)	55550	20.0000	18
	34 2,2-Dichloropropane	77	3.571	3.571	(0.738)	106086	20.0000	26
	35 Bromochloromethane	128	3.656	3.656	(0.756)	33946	20.0000	22(M)
	37 Cyclohexane	84	3.662	3.662	(0.757)	68867	20.0000	20
	38 Chloroform	83	3.763	3.763	(0.778)	115791	20.0000	20
	39 Ethyl Acetate	43	3.918	3.918	(0.810)	10170	40.0000	32
	40 Methyl Acrylate	55	3.912	3.912	(0.809)	40737	20.0000	16
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	77094	20.0000	25
	42 Tetrahydrofuran	42	3.912	3.912	(0.809)	29089	40.0000	34
	43 Carbon Tetrachloride	117	3.891	3.891	(0.805)	124381	20.0000	27
	44 1,1,1-Trichloroethane	97	3.960	3.960	(0.819)	126369	20.0000	27
	45 2-Butanone	43	4.089	4.089	(0.846)	24838	20.0000	21
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	75219	20.0000	20
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	150236	20.0000	21
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	98546	20.0000	21
	50 Heptane	43	4.542	4.542	(0.939)	45356	20.0000	21
	51 Propionitrile	54	4.387	4.387	(0.907)	68830	200.000	180
	52 Benzene	78	4.361	4.361	(0.902)	204942	20.0000	19
	53 2-Methyl-2-Propenenitrile	41	4.419	4.419	(0.914)	27842	20.0000	18(M)
	54 Isobutyl alcohol	42	4.713	4.713	(0.975)	9297	200.000	150(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	99603	20.0000	27
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	99364	20.0000	25
	59 Methyl Cyclohexane	83	5.006	5.006	(1.035)	88189	20.0000	20
	60 Trichloroethene	130	5.033	5.033	(1.041)	62703	20.0000	20
	63 Dibromomethane	93	5.487	5.487	(1.135)	42471	20.0000	21
	64 1,2-Dichloropropane	63	5.599	5.599	(1.158)	49939	20.0000	18(T)
	65 Bromodichloromethane	83	5.716	5.716	(1.182)	96299	20.0000	23
	66 Methyl Methacrylate	69	5.951	5.951	(1.231)	38057	20.0000	17
	67 1,4-Dioxane	58	5.940	5.940	(1.228)	4551	200.000	170(M)
	69 2-Chloroethylvinylether	63	6.426	6.426	(1.329)	25319	20.0000	15
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	91738	20.0000	20
	71 Chloroacetonitrile	48	6.938	6.938	(1.435)	18614	200.000	190
	72 2-Nitropropane	41	7.008	7.008	(1.449)	31065	40.0000	43
	73 trans-1,3-Dichloropropene	75	7.264	7.264	(1.502)	96603	20.0000	21
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	51332	20.0000	20
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	225330	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	233187	20.0000	18
$	77 Toluene-d8	98	6.677	6.677	(0.778)	235757	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.024	7.024	(0.819)	124563	100.000	84
	79 4-Methyl-2-Pentanone	43	7.237	7.237	(0.844)	42980	20.0000	16
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	55868	20.0000	20
	81 Ethyl Methacrylate	69	7.536	7.536	(0.879)	55117	20.0000	16
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	79124	20.0000	19
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	89100	20.0000	18
	84 1,2-Dibromoethane	107	7.894	7.894	(0.920)	62522	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.294	8.294	(0.967)	31098	20.0000	18
87	1-Chlorohexane	91	8.652	8.652	(1.009)	50076	20.0000	13(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	161517	20.0000	19
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	72757	20.0000	21
90	Ethylbenzene	106	8.678	8.678	(1.012)	82301	20.0000	18
91	Xylene (total)mp	106	8.881	8.881	(1.035)	218077	40.0000	40
92	Xylene (total)o	106	9.393	9.393	(1.095)	102197	20.0000	20
93	Styrene	104	9.463	9.463	(1.103)	165068	20.0000	19
94	Bromoform	173	9.447	9.447	(1.101)	61340	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	144156	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	243592	20.0000	18
97	Bromobenzene	156	10.093	10.093	(0.915)	81384	20.0000	17
98	1,1,2,2-Tetrachloroethane	83	10.263	10.263	(0.931)	62284	20.0000	14
99	4-Ethyltoluene	105	10.295	10.295	(0.934)	273463	20.0000	19
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	24649	20.0000	18
101	trans-1,4-Dichloro-2-Butene	53	10.413	10.413	(0.944)	43646	40.0000	36
102	n-Propylbenzene	91	10.183	10.183	(0.924)	312164	20.0000	18
103	2-Chlorotoluene	91	10.295	10.295	(0.934)	227348	20.0000	17
104	4-Chlorotoluene	91	10.455	10.455	(0.948)	216943	20.0000	18
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.942)	243051	20.0000	19
106	tert-Butylbenzene	119	10.658	10.658	(0.967)	200095	20.0000	18
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	250427	20.0000	19
108	sec-Butylbenzene	105	10.813	10.813	(0.981)	290263	20.0000	19
109	4-Isopropyltoluene	119	10.946	10.946	(0.993)	257668	20.0000	20
110	1,3-Dichlorobenzene	146	10.962	10.962	(0.994)	145215	20.0000	17
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	156743	20.0000	17
112	1,2-Dichlorobenzene	146	11.373	11.373	(1.031)	149943	20.0000	18
113	Benzyl Chloride	126	11.251	11.251	(1.020)	33838	20.0000	19
114	1,4-Diethylbenzene	119	11.245	11.245	(1.020)	124510	20.0000	18
115	n-Butylbenzene	91	11.288	11.288	(1.024)	245289	20.0000	18
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	230801	20.0000	17
119	1,2-Dibromo-3-chloropropane	75	11.992	11.992	(1.088)	18341	20.0000	18
120	Nitrobenzene	77	12.398	12.398	(1.124)	71107	200.000	150
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.133)	124194	20.0000	17
122	Hexachlorobutadiene	225	12.489	12.489	(1.133)	66802	20.0000	18
123	Naphthalene	128	12.718	12.718	(1.153)	244658	20.0000	15
124	1,2,3-Trichlorobenzene	180	12.846	12.846	(1.165)	121863	20.0000	17
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.909)	90280	20.0000	19
M 126	1,2-Dichloroethene (total)	100				109296	40.0000	40
M 127	Xylene (total)	100				320274	60.0000	60

QC Flag Legend

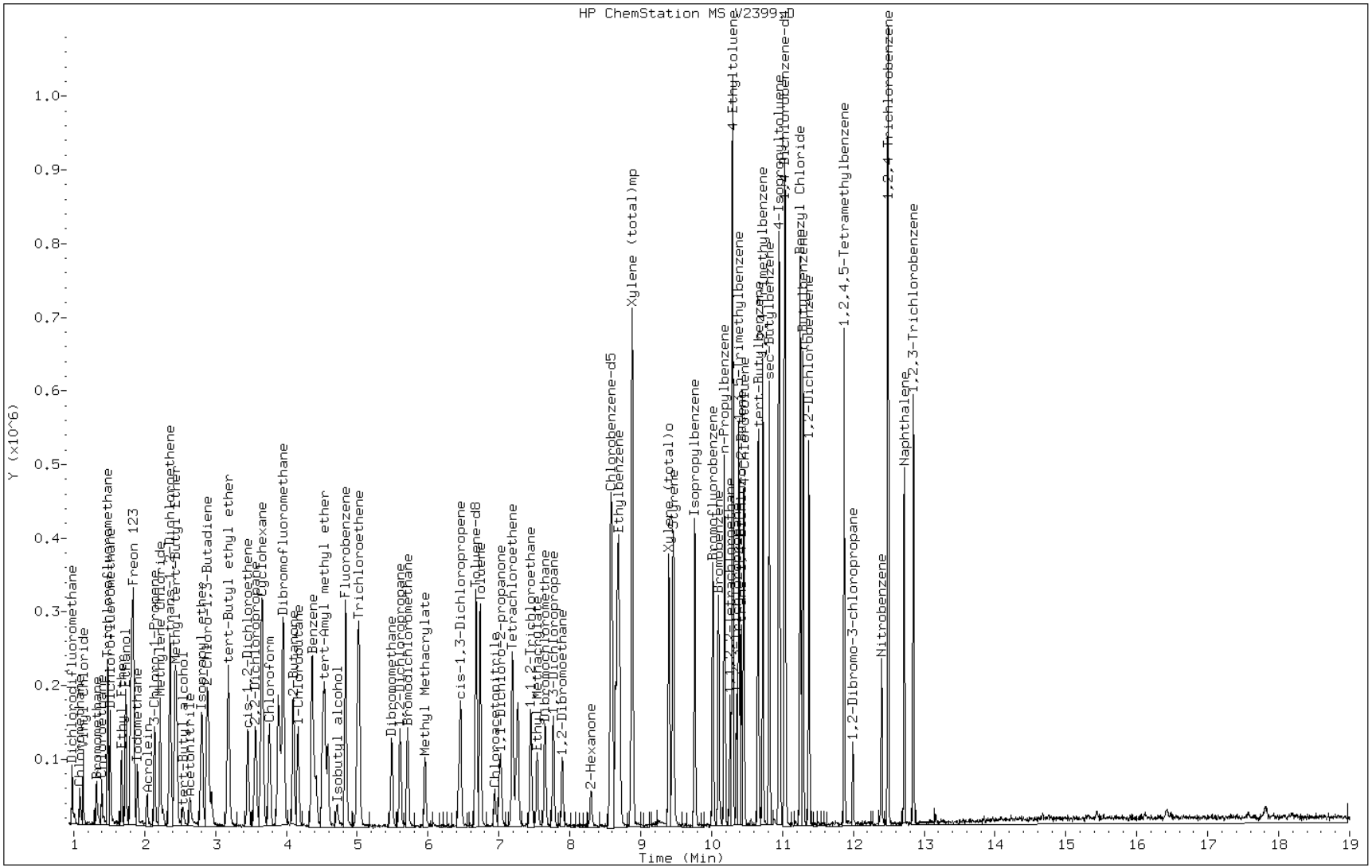
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: V2399.D

Date: 20-JUL-2011 09:45

Client ID: CCVIS-632355 Instrument: msv.i

Sample Info: CCVIS-632355 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 35 Bromochloromethane
CAS #: 74-97-5
Report Date: 07/20/2011

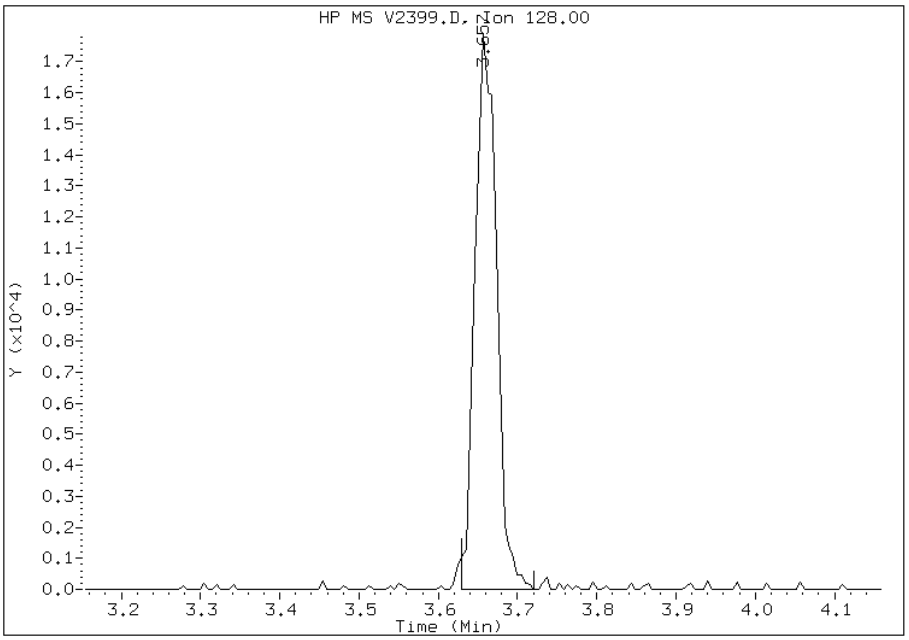
Processing Integration Results

RT: 3.66

Response: 33649

Amount: 22

Conc: 22



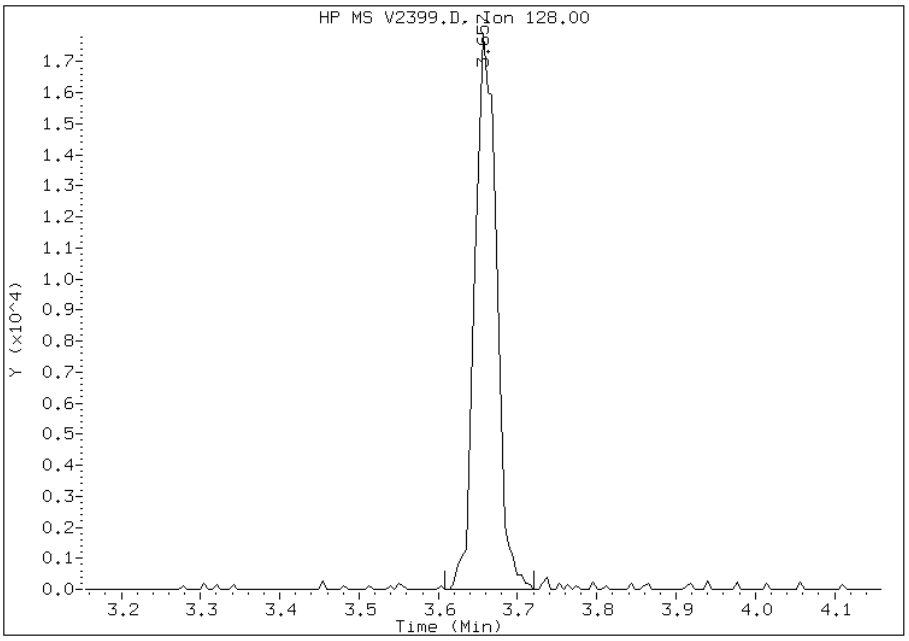
Manual Integration Results

RT: 3.66

Response: 33946

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 07/20/2011

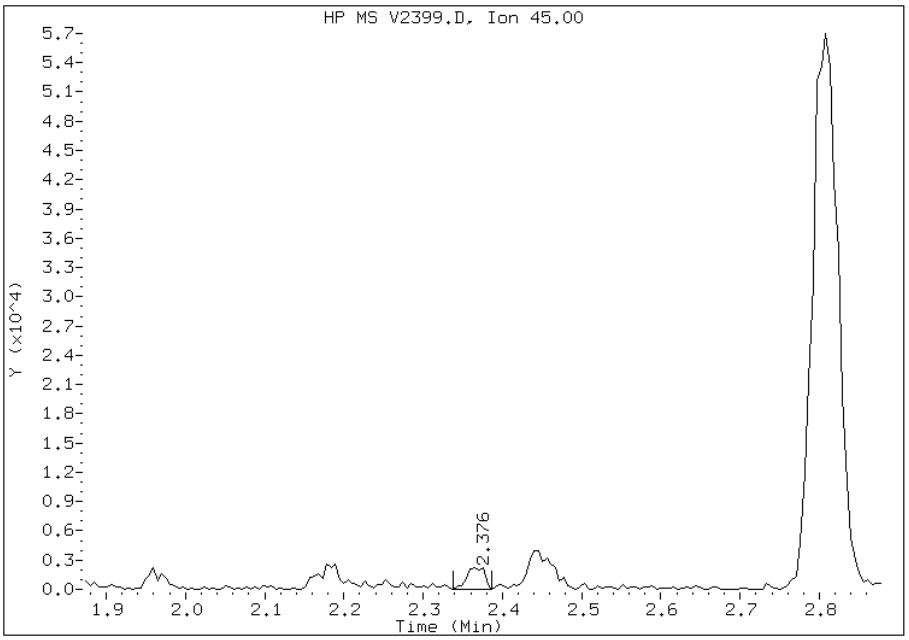
Processing Integration Results

RT: 2.38

Response: 3453

Amount: 10

Conc: 10



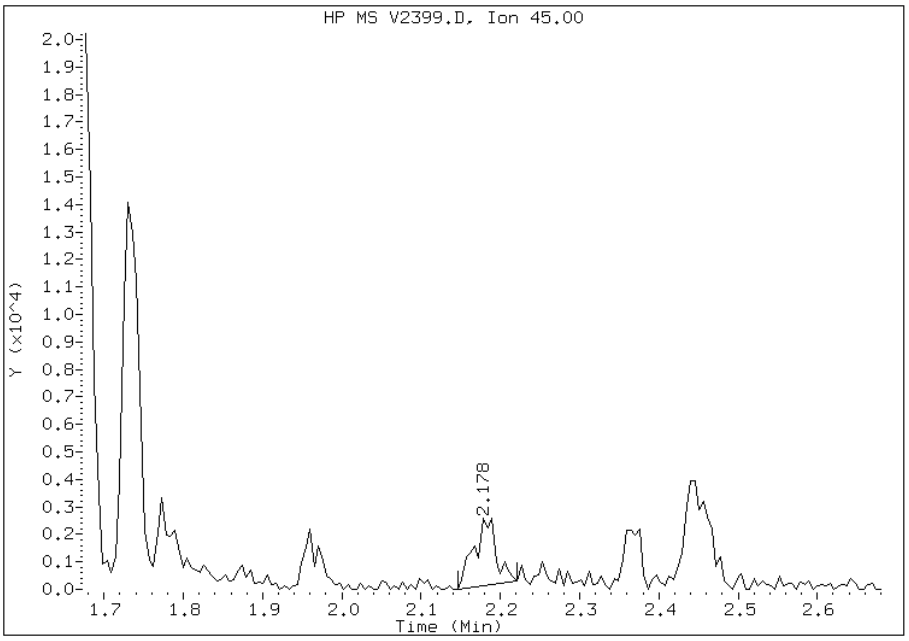
Manual Integration Results

RT: 2.18

Response: 4746

Amount: 14

Conc: 14



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 07/20/2011

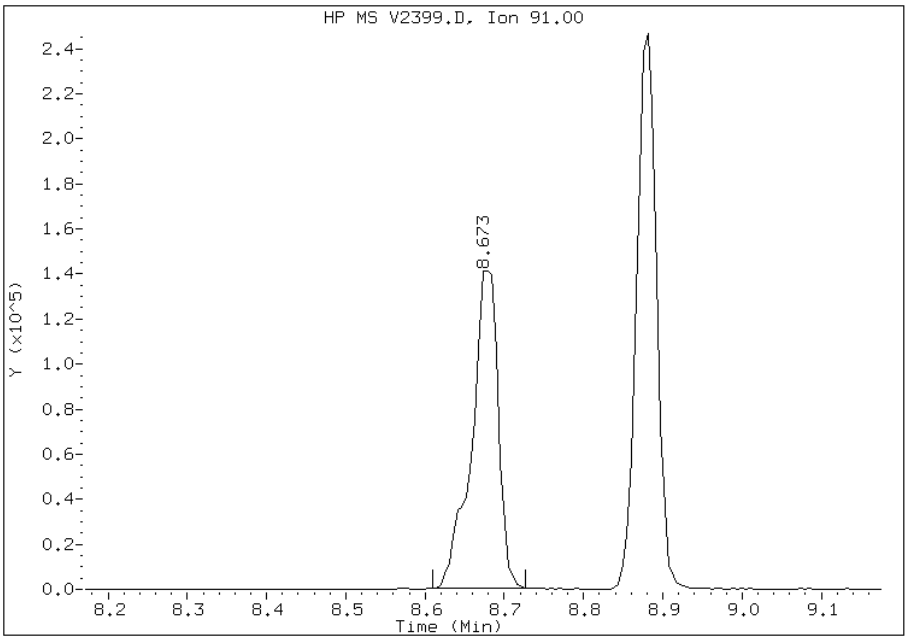
Processing Integration Results

RT: 8.67

Response: 326366

Amount: 69

Conc: 69



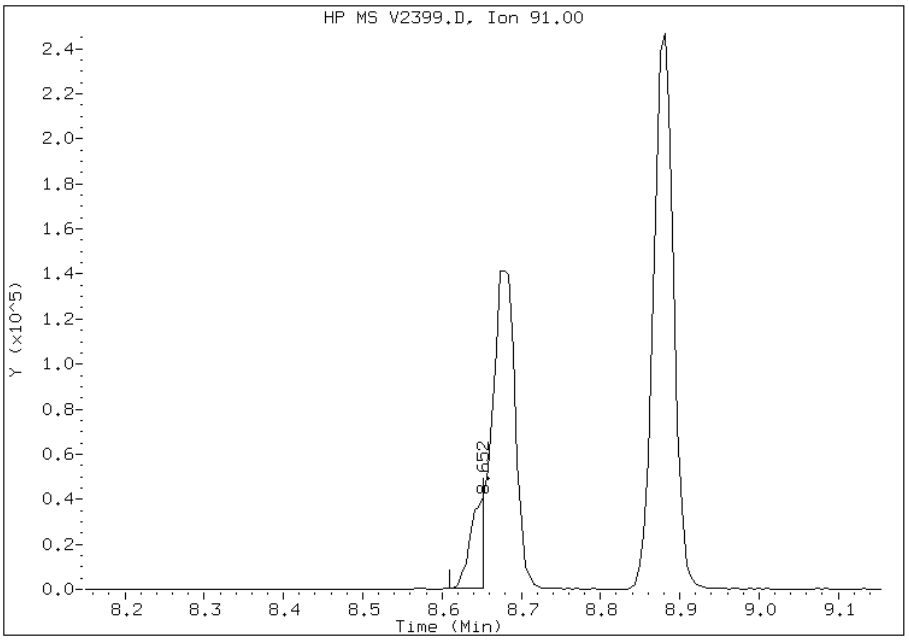
Manual Integration Results

RT: 8.65

Response: 50076

Amount: 13

Conc: 13



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 07/20/2011

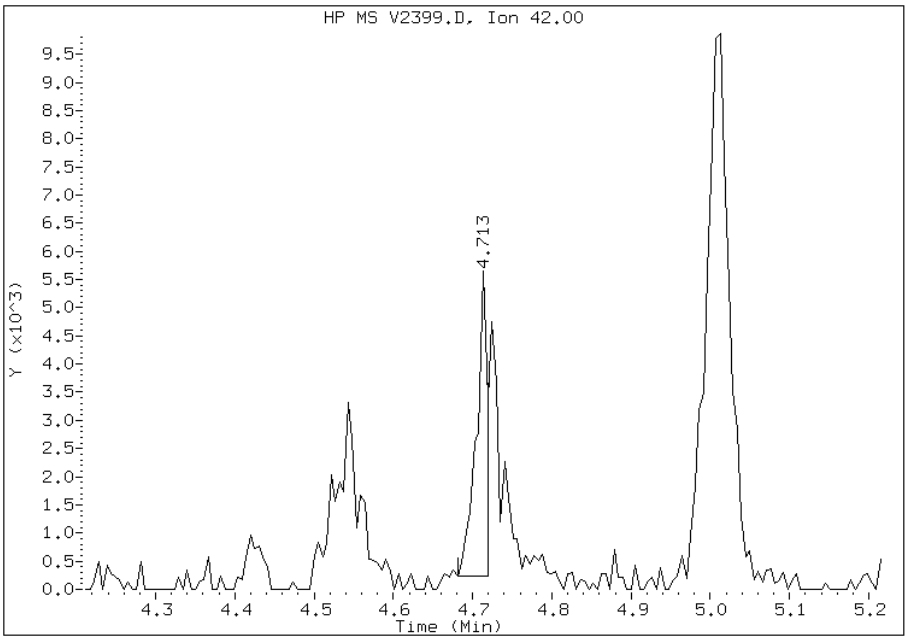
Processing Integration Results

RT: 4.71

Response: 4995

Amount: 78

Conc: 78



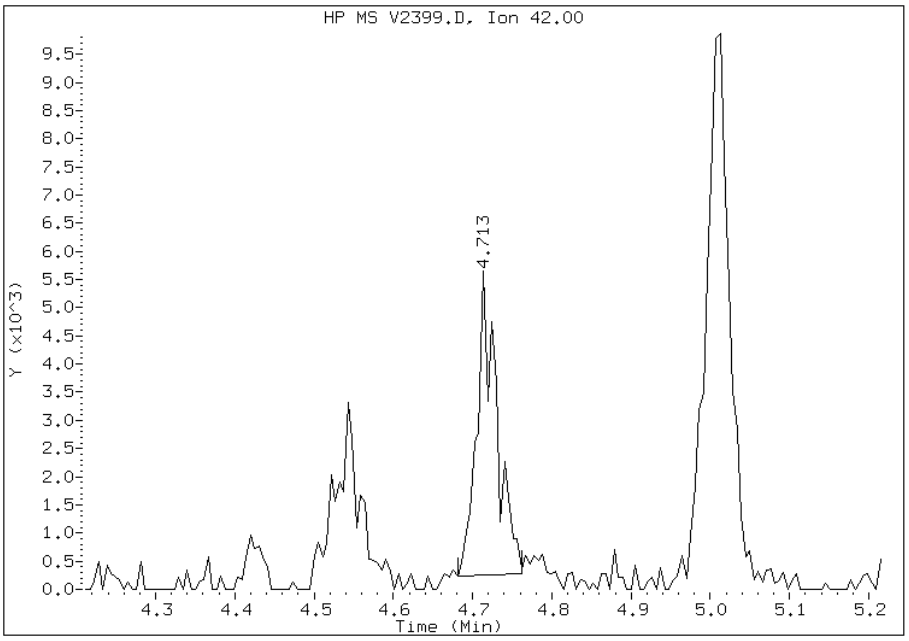
Manual Integration Results

RT: 4.71

Response: 9297

Amount: 146

Conc: 146



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 07/20/2011

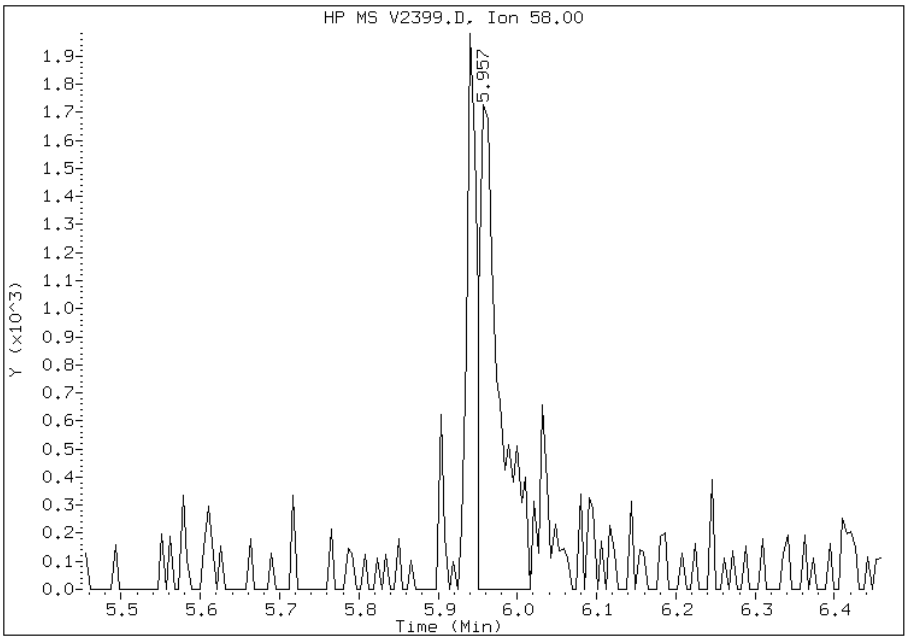
Processing Integration Results

RT: 5.96

Response: 3063

Amount: 112

Conc: 112



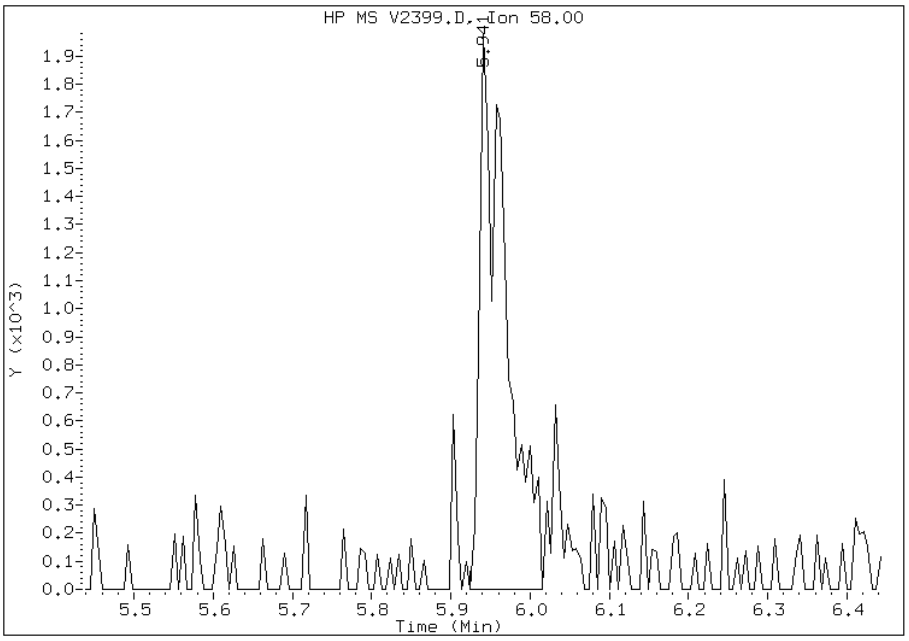
Manual Integration Results

RT: 5.94

Response: 4551

Amount: 173

Conc: 173



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2399.D
Inj. Date and Time: 20-JUL-2011 09:45
Instrument ID: msv.i
Client ID: CCVIS-632355
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 07/20/2011

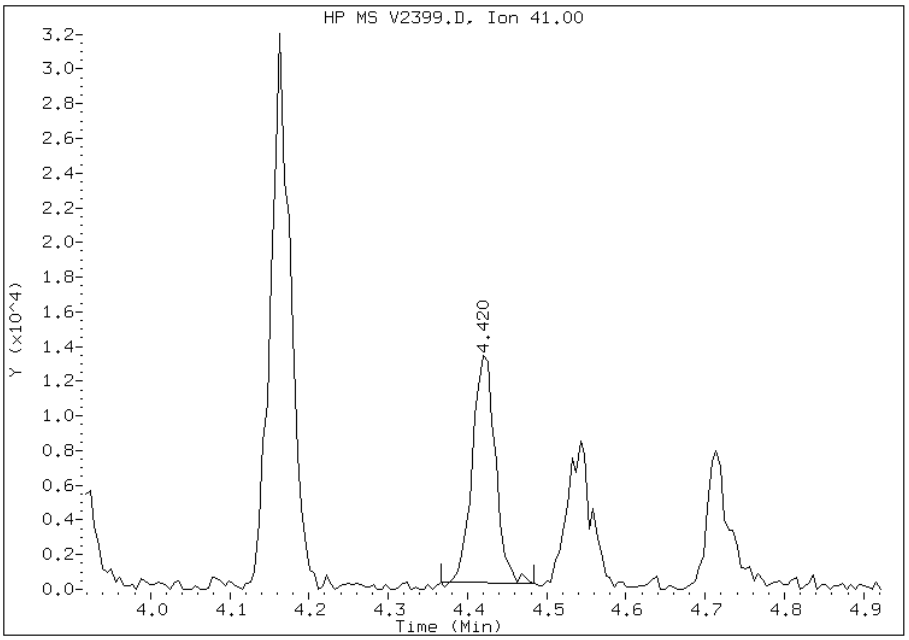
Processing Integration Results

RT: 4.42

Response: 25965

Amount: 16

Conc: 16



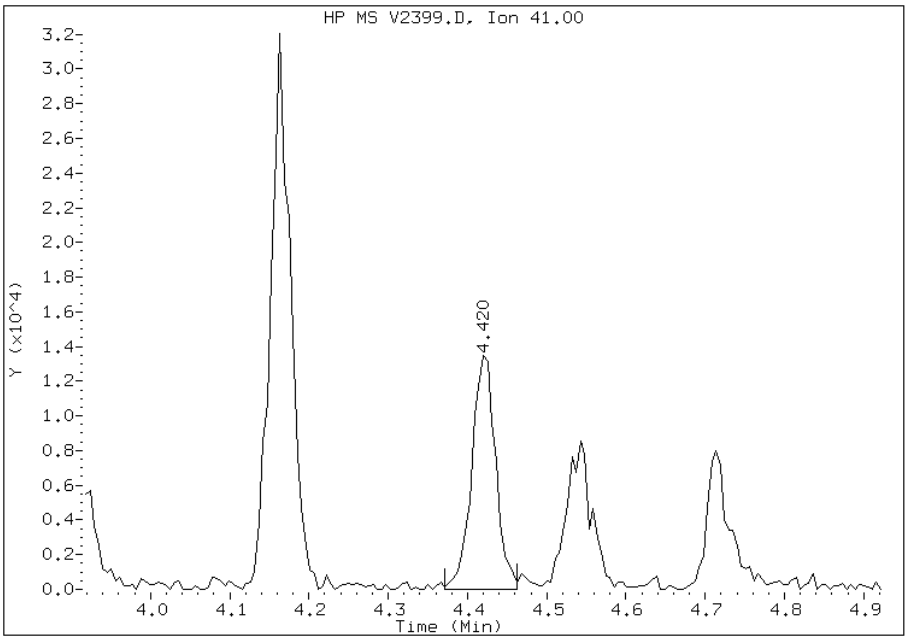
Manual Integration Results

RT: 4.42

Response: 27842

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\NB907.D
Lab Smp Id: BFB-621712 Client Smp ID: BFB-621712
Inj Date : 13-JUL-2011 16:46 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : BFB-621712
Misc Info : : ;;; BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113724.b\NBFB8260.m
Meth Date : 16-May-2007 12:04 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

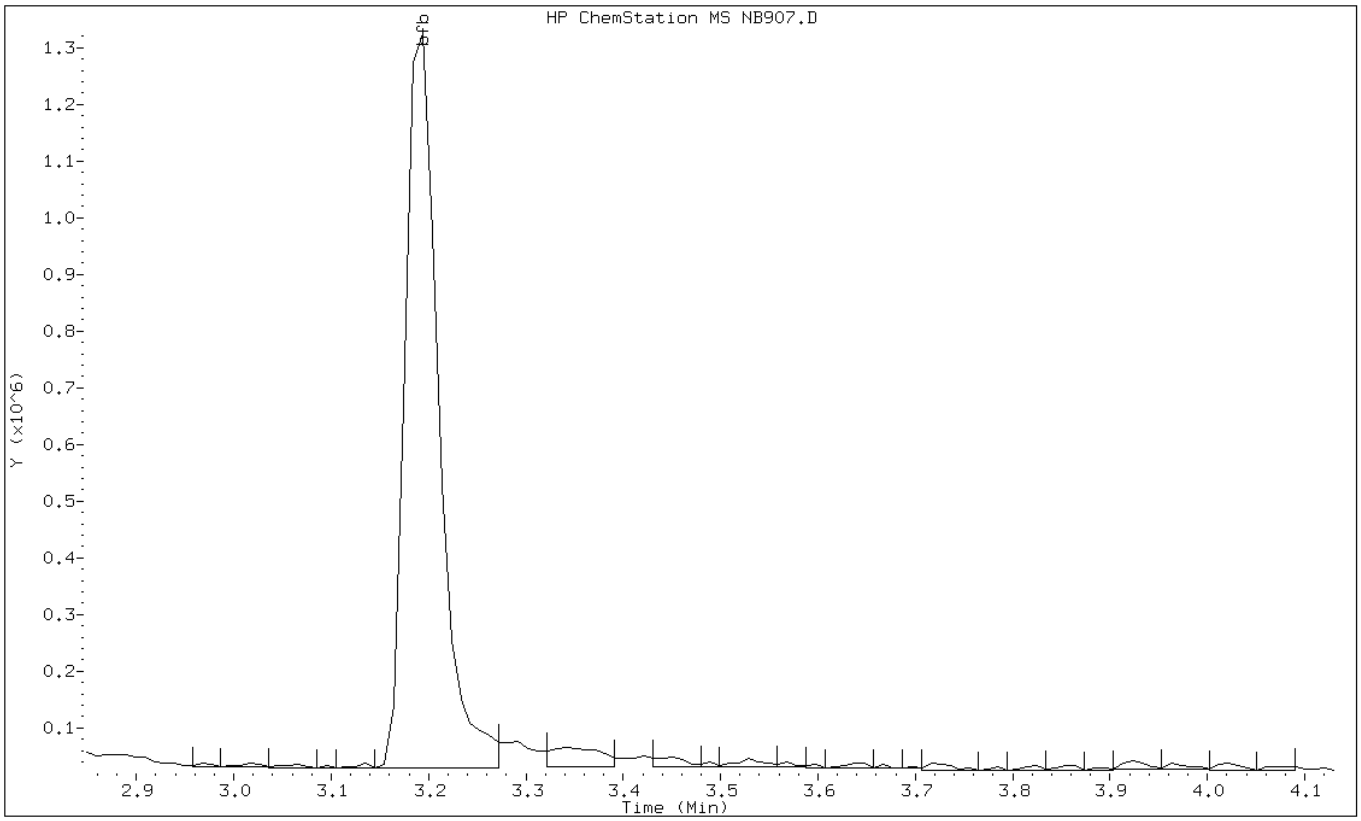
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/Kg)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.193	3.420	(0.000)	95	262272			0.00- 100.00	100.00
3.193	3.420	(0.000)	50	49264			15.00- 40.00	18.78
3.193	3.420	(0.000)	75	101936			30.00- 60.00	38.87
3.193	3.420	(0.000)	96	18008			5.00- 9.00	6.87
3.193	3.420	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
3.193	3.420	(0.000)	174	200000			50.00- 100.00	76.26
3.193	3.420	(0.000)	175	14615			5.00- 9.00	7.31
3.193	3.420	(0.000)	176	193664			95.00- 101.00	96.83
3.193	3.420	(0.000)	177	12763			5.00- 9.00	6.59

Data File: NB907.D

Date: 13-JUL-2011 16:46

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT



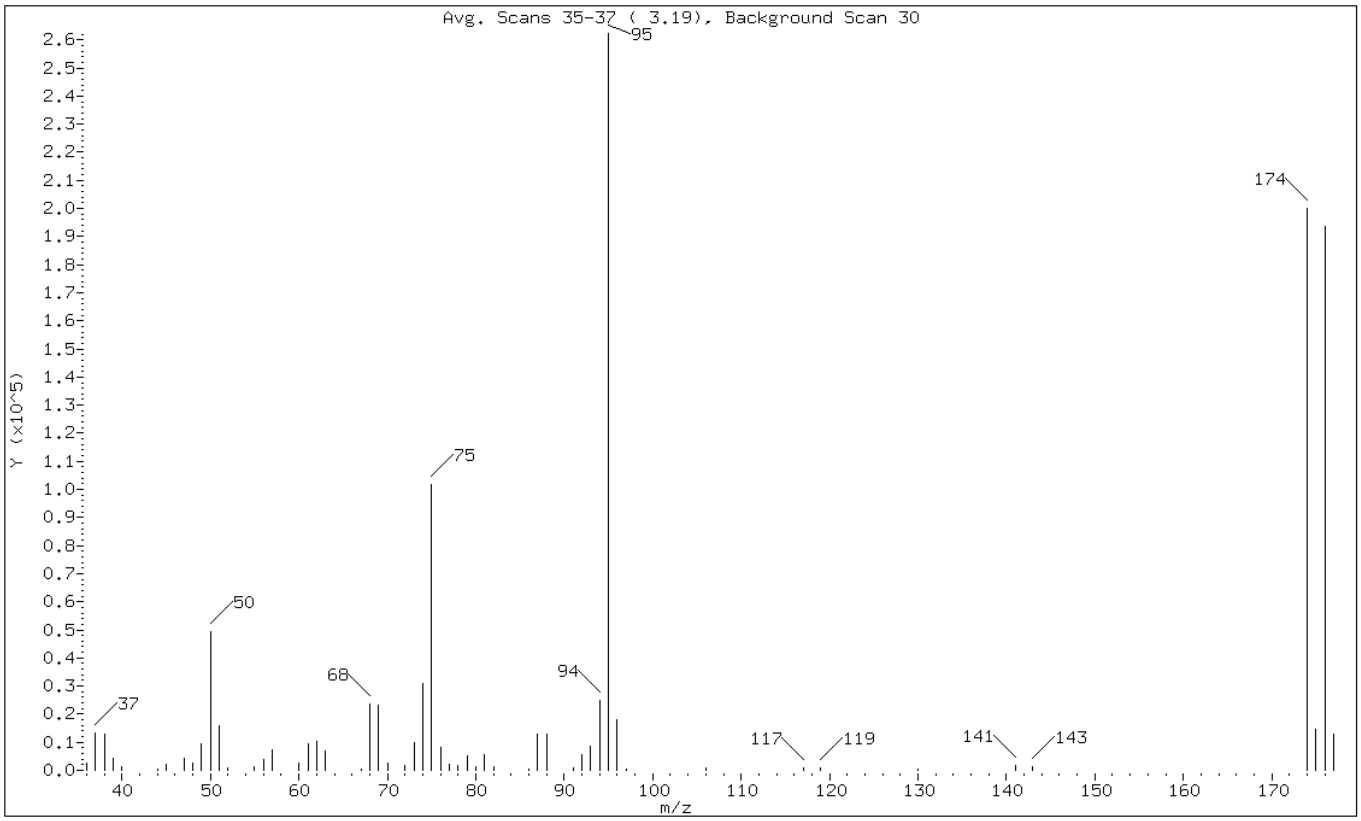
Data File: NB907.D

Date: 13-JUL-2011 16:46

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

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	18.78
75	30.00 - 60.00% of mass 95	38.87
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	76.26
175	5.00 - 9.00% of mass 174	5.57 (7.31)
176	95.00 - 101.00% of mass 174	73.84 (96.83)
177	5.00 - 9.00% of mass 176	4.87 (6.59)

Data File: NB907.D

Date: 13-JUL-2011 16:46

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\msn.i\N113724.b\NB907.D
Spectrum: Avg. Scans 35-37 (3.19), Background Scan 30
Location of Maximum: 95.00
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2485	56.00	4026	76.00	8218	95.00	262272
37.00	13313	57.00	7106	77.00	2023	96.00	18008
38.00	13023	60.00	2606	78.00	1854	97.00	344
39.00	4449	61.00	9501	79.00	5279	106.00	777
40.00	1204	62.00	10141	80.00	1464	117.00	984
44.00	325	63.00	6867	81.00	5593	119.00	773
45.00	2128	67.00	414	82.00	1391	130.00	408
47.00	4454	68.00	23400	86.00	349	141.00	1513
48.00	2779	69.00	23320	87.00	12852	143.00	1363
49.00	9580	70.00	2375	88.00	12865	174.00	200000
50.00	49264	72.00	1505	91.00	1035	175.00	14615
51.00	15896	73.00	9848	92.00	5644	176.00	193664
52.00	921	74.00	30984	93.00	8633	177.00	12763
55.00	1366	75.00	101936	94.00	24968		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\NB913.D
Lab Smp Id: BFB-621712 Client Smp ID: BFB-621712
Inj Date : 19-JUL-2011 09:45 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : BFB-621712
Misc Info : : ;;; BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\NBFB8260.m
Meth Date : 16-May-2007 12:04 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

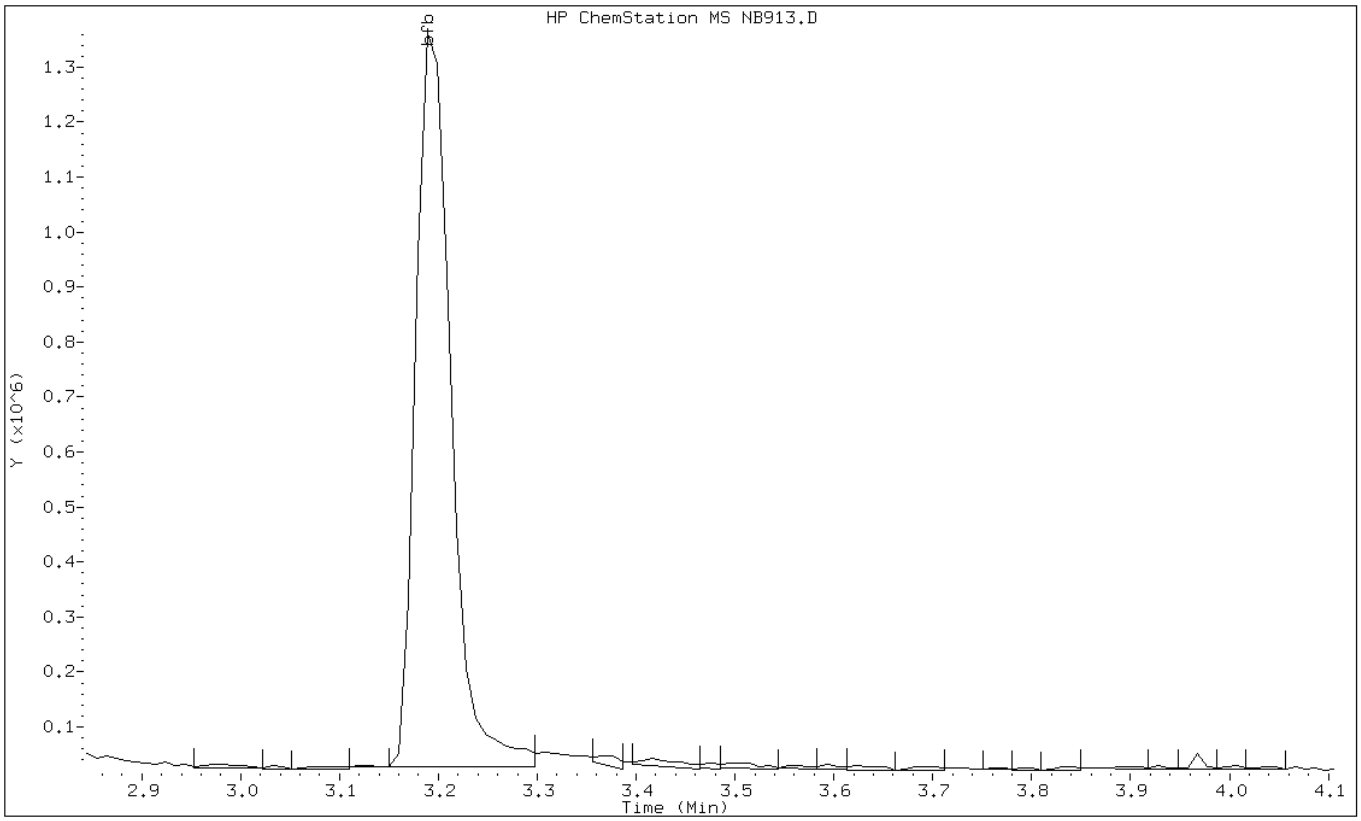
					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/Kg)		
RT	EXP RT	REL RT	MASS	RESPONSE			TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.189	3.420	(0.000)	95	267712			0.00- 100.00	100.00
3.189	3.420	(0.000)	50	55552			15.00- 40.00	20.75
3.189	3.420	(0.000)	75	109040			30.00- 60.00	40.73
3.189	3.420	(0.000)	96	18744			5.00- 9.00	7.00
3.189	3.420	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
3.189	3.420	(0.000)	174	190912			50.00- 100.00	71.31
3.189	3.420	(0.000)	175	14192			5.00- 9.00	7.43
3.189	3.420	(0.000)	176	181696			95.00- 101.00	95.17
3.189	3.420	(0.000)	177	12839			5.00- 9.00	7.07

Data File: NB913.D

Date: 19-JUL-2011 09:45

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT



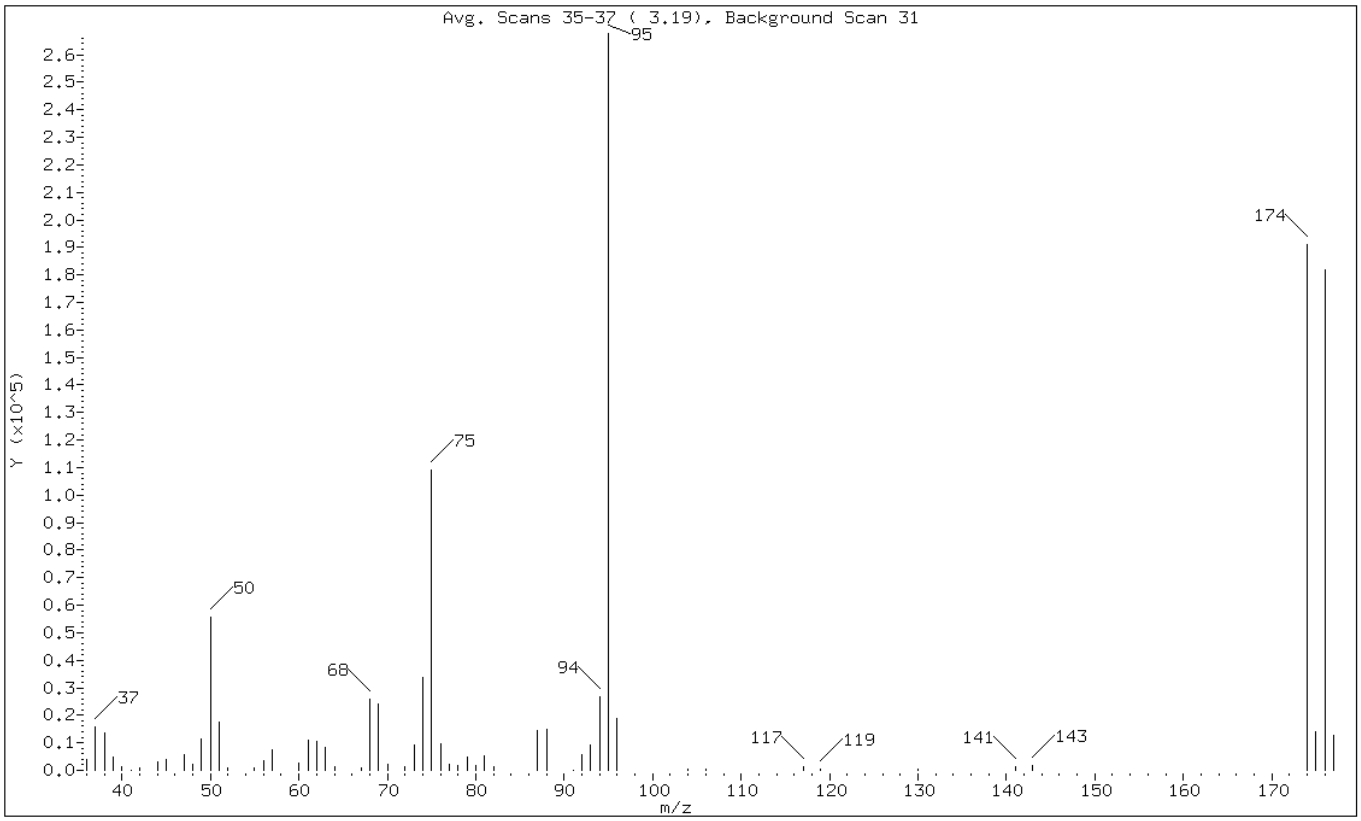
Data File: NB913.D

Date: 19-JUL-2011 09:45

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

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	20.75
75	30.00 - 60.00% of mass 95	40.73
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	71.31
175	5.00 - 9.00% of mass 174	5.30 (7.43)
176	95.00 - 101.00% of mass 174	67.87 (95.17)
177	5.00 - 9.00% of mass 176	4.80 (7.07)

Data File: NB913.D

Date: 19-JUL-2011 09:45

Client ID: BFB-621712 Instrument: msn.i

Sample Info: BFB-621712 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\msn.i\N113856.b\NB913.D
Spectrum: Avg. Scans 35-37 (3.19), Background Scan 31
Location of Maximum: 95.00
Number of points: 57

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3736	55.00	912	75.00	109040	96.00	18744
37.00	15889	56.00	3710	76.00	9849	104.00	364
38.00	13388	57.00	7266	77.00	2309	106.00	403
39.00	5014	60.00	2634	78.00	1613	117.00	1153
40.00	1234	61.00	11082	79.00	5023	119.00	399
41.00	109	62.00	10481	80.00	1635	130.00	397
42.00	741	63.00	8410	81.00	5394	141.00	1485
44.00	3185	64.00	1159	82.00	1351	143.00	1547
45.00	3744	67.00	710	87.00	14488	174.00	190912
47.00	5550	68.00	25928	88.00	14987	175.00	14192
48.00	2034	69.00	23904	91.00	178	176.00	181696
49.00	11273	70.00	2104	92.00	5641	177.00	12839
50.00	55552	72.00	1397	93.00	9035		
51.00	17432	73.00	9004	94.00	26776		
52.00	776	74.00	33736	95.00	267712		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\OB028.D
Lab Smp Id: BFB-632797 Client Smp ID: BFB-632797
Inj Date : 23-JUN-2011 10:41 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : BFB-632797
Misc Info : ;;; 50ng 4-BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114508.b\OBFB8260.m
Meth Date : 29-Nov-2010 10:00 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

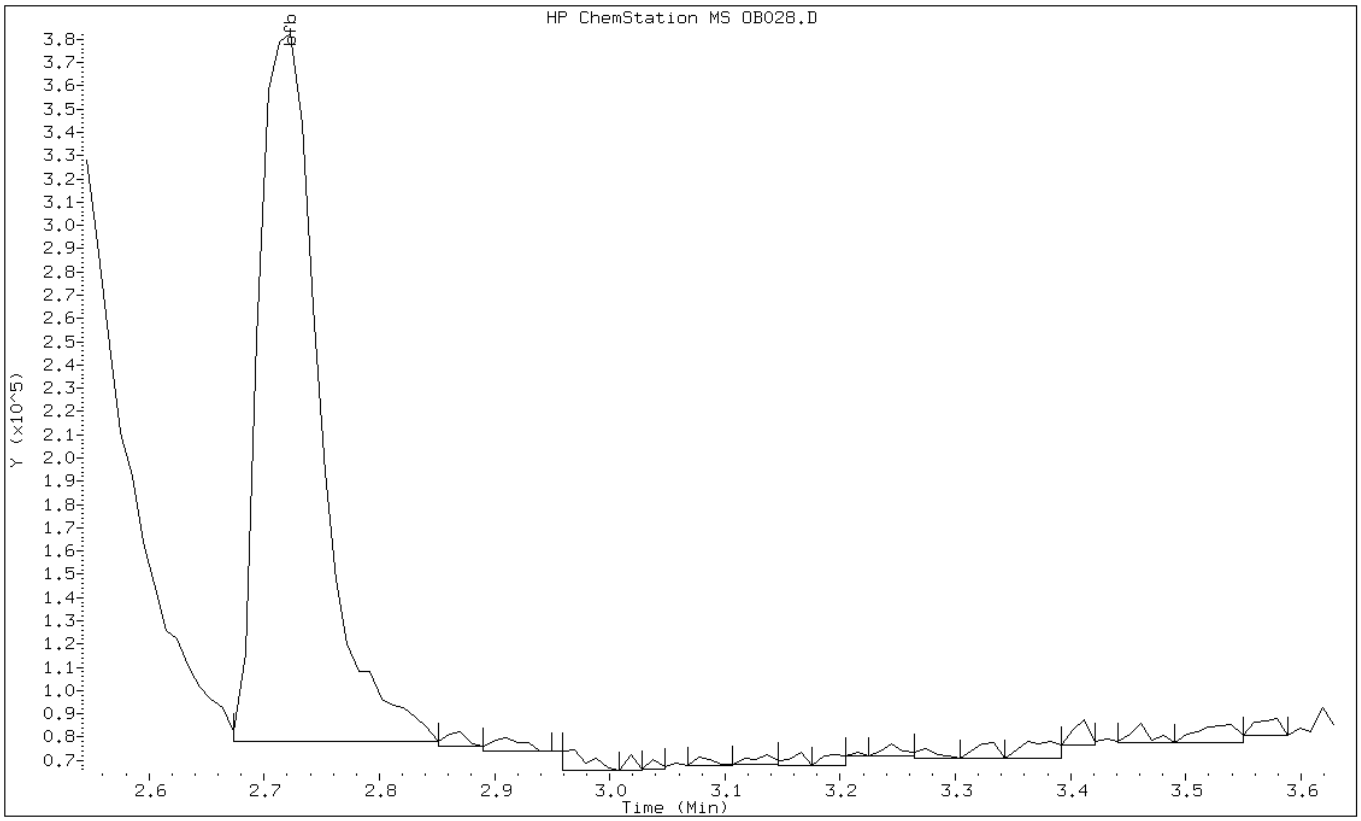
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.723	2.750	(0.000)	95	64992			0.00- 100.00	100.00
2.723	2.750	(0.000)	50	13369			15.00- 40.00	20.57
2.723	2.750	(0.000)	75	29600			30.00- 60.00	45.54
2.723	2.750	(0.000)	96	4718			5.00- 9.00	7.26
2.723	2.750	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.723	2.750	(0.000)	174	45496			50.00- 100.00	70.00
2.723	2.750	(0.000)	175	3134			5.00- 9.00	6.89
2.723	2.750	(0.000)	176	45040			95.00- 101.00	99.00
2.723	2.750	(0.000)	177	3063			5.00- 9.00	6.80

Data File: OB028.D

Date: 23-JUN-2011 10:41

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT



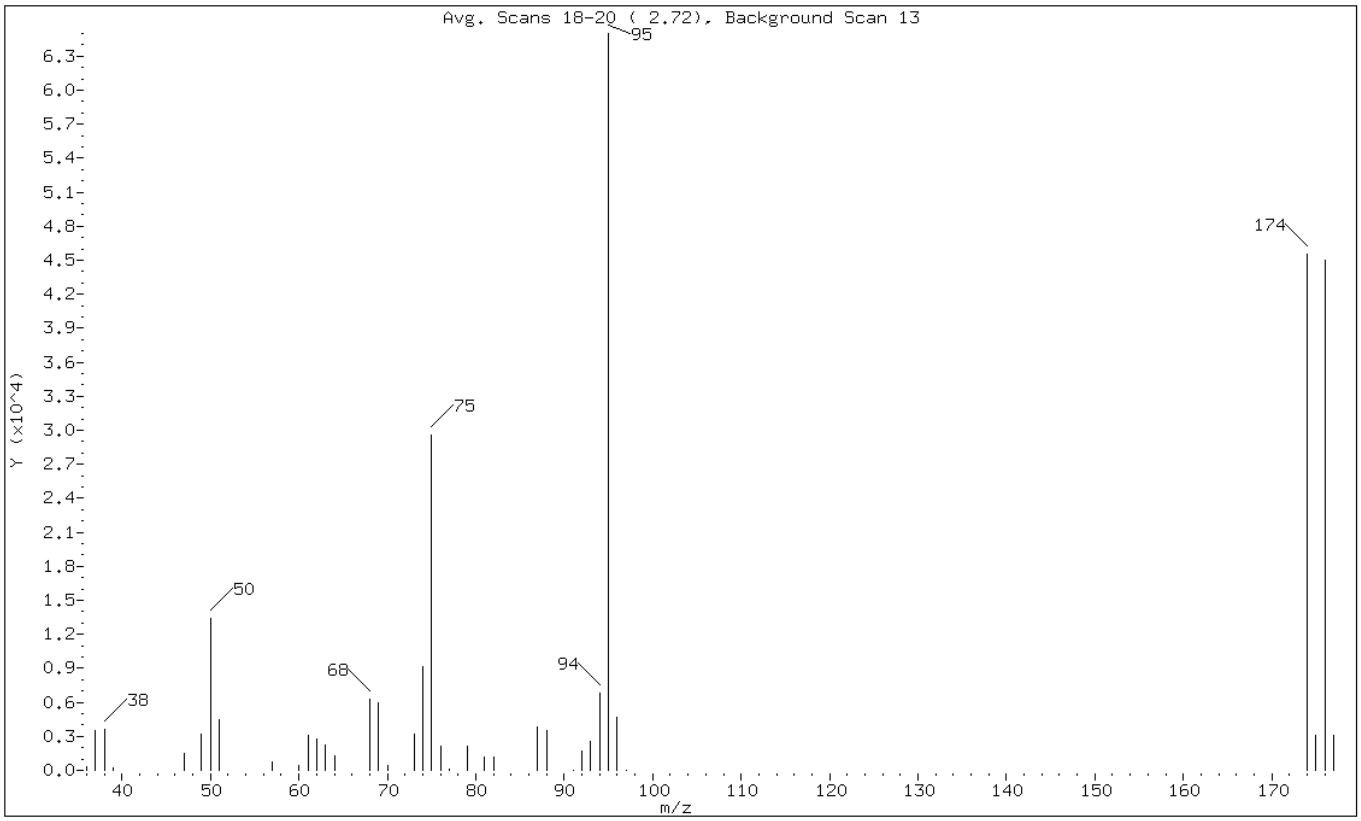
Data File: OB028.D

Date: 23-JUN-2011 10:41

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

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	20.57
75	30.00 - 60.00% of mass 95	45.54
96	5.00 - 9.00% of mass 95	7.26
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	70.00
175	5.00 - 9.00% of mass 174	4.82 (6.89)
176	95.00 - 101.00% of mass 174	69.30 (99.00)
177	5.00 - 9.00% of mass 176	4.71 (6.80)

Data File: OB028.D

Date: 23-JUN-2011 10:41

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\mso.i\O114508.b\OB028.D
Spectrum: Avg. Scans 18-20 (2.72), Background Scan 13
Location of Maximum: 95.00
Number of points: 38

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	348	61.00	3043	76.00	2141	94.00	6812
37.00	3562	62.00	2729	77.00	147	95.00	64992
38.00	3647	63.00	2188	79.00	2141	96.00	4718
39.00	265	64.00	1226	81.00	1123	97.00	36
47.00	1480	68.00	6230	82.00	1220	174.00	45496
49.00	3161	69.00	5957	87.00	3863	175.00	3134
50.00	13369	70.00	388	88.00	3550	176.00	45040
51.00	4506	73.00	3138	91.00	36	177.00	3063
57.00	734	74.00	9107	92.00	1677		
60.00	444	75.00	29600	93.00	2573		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\OB047.D
Lab Smp Id: BFB-632797 Client Smp ID: BFB-632797
Inj Date : 20-JUL-2011 09:49 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : BFB-632797
Misc Info : ;;; 50ng 4-BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\OBFB8260.m
Meth Date : 29-Nov-2010 10:00 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

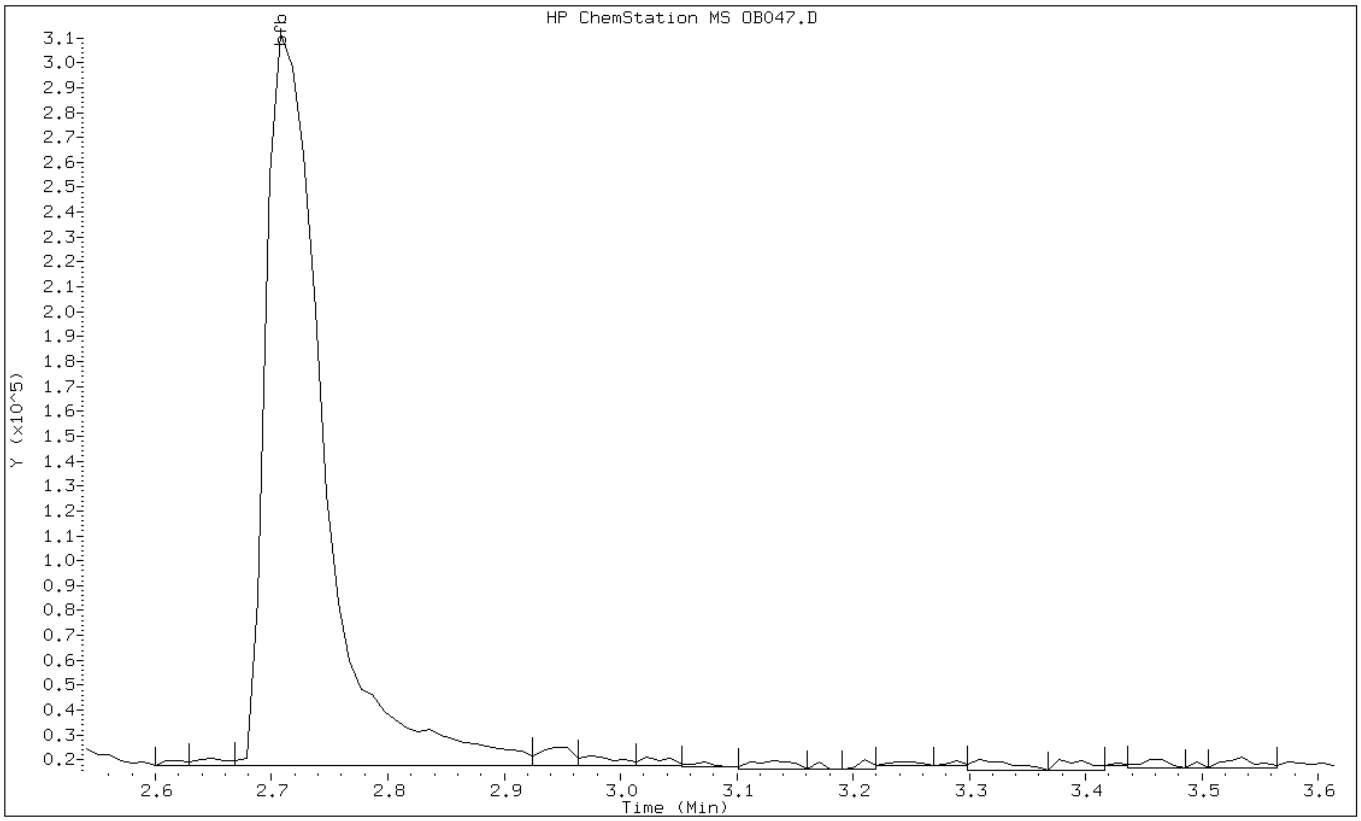
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.708	2.750	(0.000)	95	59816			0.00- 100.00	100.00
2.708	2.750	(0.000)	50	14127			15.00- 40.00	23.62
2.708	2.750	(0.000)	75	29712			30.00- 60.00	49.67
2.708	2.750	(0.000)	96	4021			5.00- 9.00	6.72
2.708	2.750	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.708	2.750	(0.000)	174	38416			50.00- 100.00	64.22
2.708	2.750	(0.000)	175	2966			5.00- 9.00	7.72
2.708	2.750	(0.000)	176	36648			95.00- 101.00	95.40
2.708	2.750	(0.000)	177	2247			5.00- 9.00	6.13

Data File: OB047.D

Date: 20-JUL-2011 09:49

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT



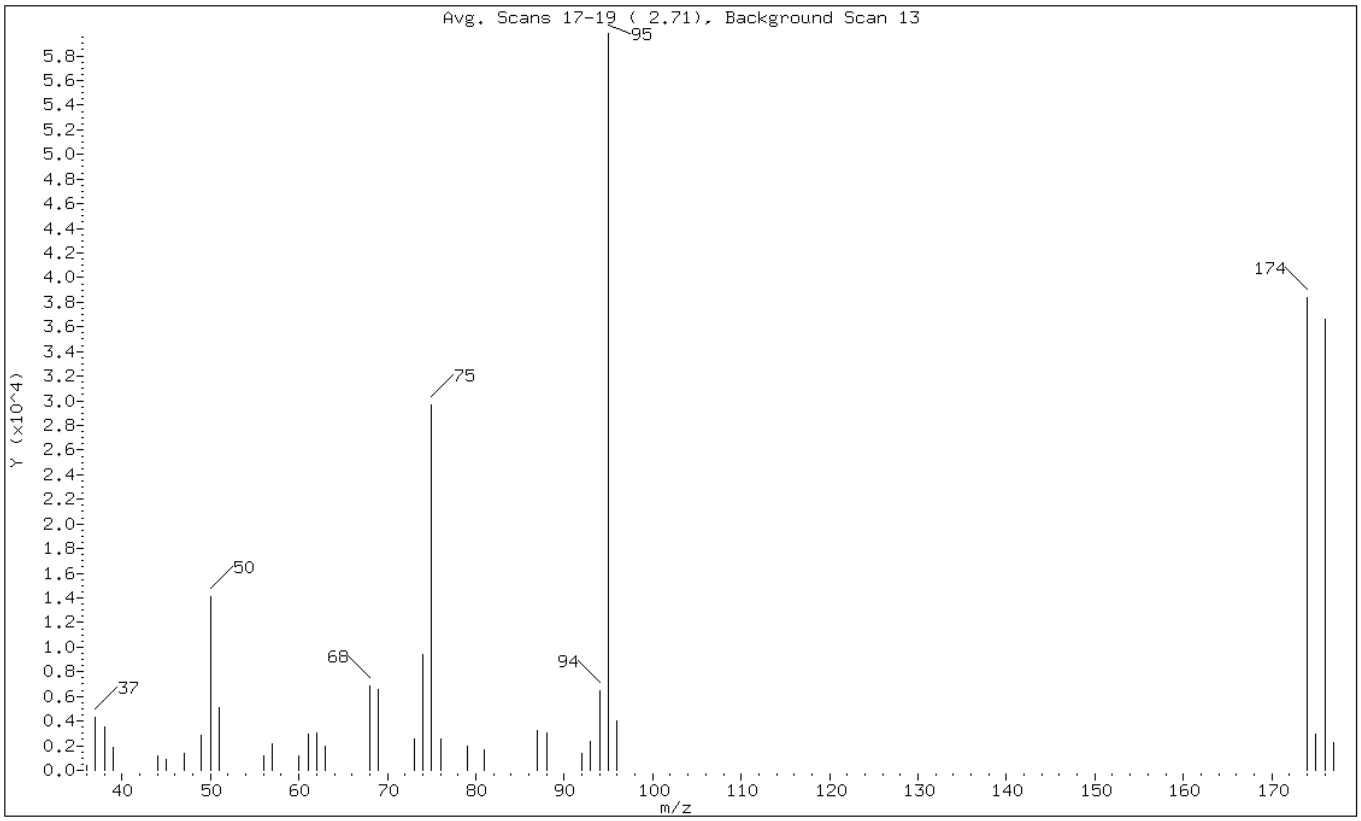
Data File: OB047.D

Date: 20-JUL-2011 09:49

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

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	23.62
75	30.00 - 60.00% of mass 95	49.67
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	64.22
175	5.00 - 9.00% of mass 174	4.96 (7.72)
176	95.00 - 101.00% of mass 174	61.27 (95.40)
177	5.00 - 9.00% of mass 176	3.76 (6.13)

Data File: OB047.D

Date: 20-JUL-2011 09:49

Client ID: BFB-632797 Instrument: mso.i

Sample Info: BFB-632797 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\mso.i\O114949.b\OB047.D
Spectrum: Avg. Scans 17-19 (2.71), Background Scan 13
Location of Maximum: 95.00
Number of points: 35

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	364	51.00	5062	73.00	2562	93.00	2341
37.00	4287	56.00	1215	74.00	9416	94.00	6501
38.00	3539	57.00	2154	75.00	29712	95.00	59816
39.00	1878	60.00	1180	76.00	2508	96.00	4021
44.00	1196	61.00	2956	79.00	1935	174.00	38416
45.00	889	62.00	3073	81.00	1698	175.00	2966
47.00	1324	63.00	1996	87.00	3215	176.00	36648
49.00	2816	68.00	6842	88.00	3009	177.00	2247
50.00	14127	69.00	6601	92.00	1403		

TestAmerica Inc

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\VB561.D
Lab Smp Id: BFB-639321 Client Smp ID: BFB-639321
Inj Date : 13-JUL-2011 14:11 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB-639321
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112191.b\VBFB8260.m
Meth Date : 16-Jun-2009 08:21 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: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

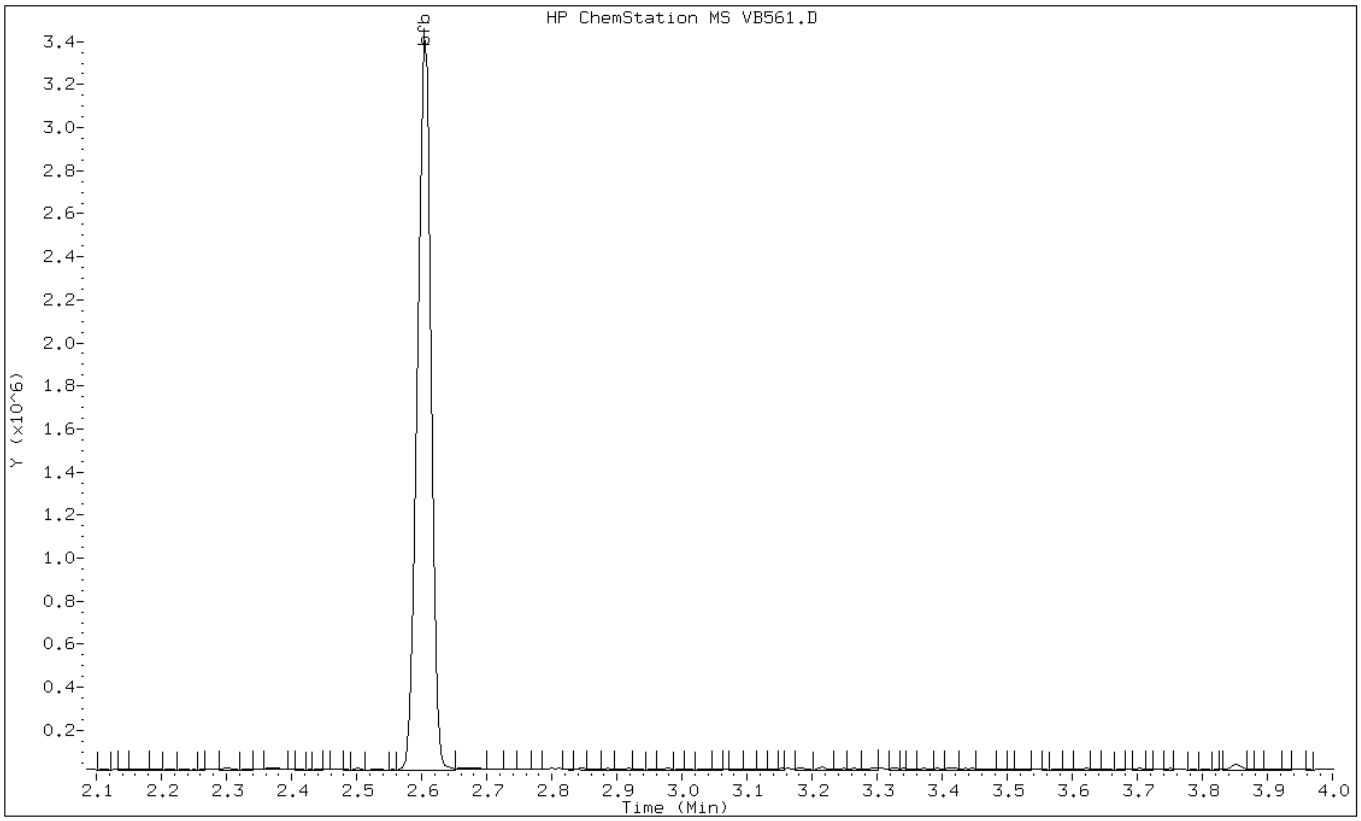
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.602	2.523	(0.000)	95	636864			0.00- 100.00	100.00
2.602	2.523	(0.000)	50	99104			15.00- 40.00	15.56
2.602	2.523	(0.000)	75	312704			30.00- 60.00	49.10
2.602	2.523	(0.000)	96	41408			5.00- 9.00	6.50
2.602	2.523	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.602	2.523	(0.000)	174	580864			50.00- 100.00	91.21
2.602	2.523	(0.000)	175	47680			5.00- 9.00	8.21
2.602	2.523	(0.000)	176	557696			95.00- 101.00	96.01
2.602	2.523	(0.000)	177	36104			5.00- 9.00	6.47

Data File: VB561.D

Date: 13-JUL-2011 14:11

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA



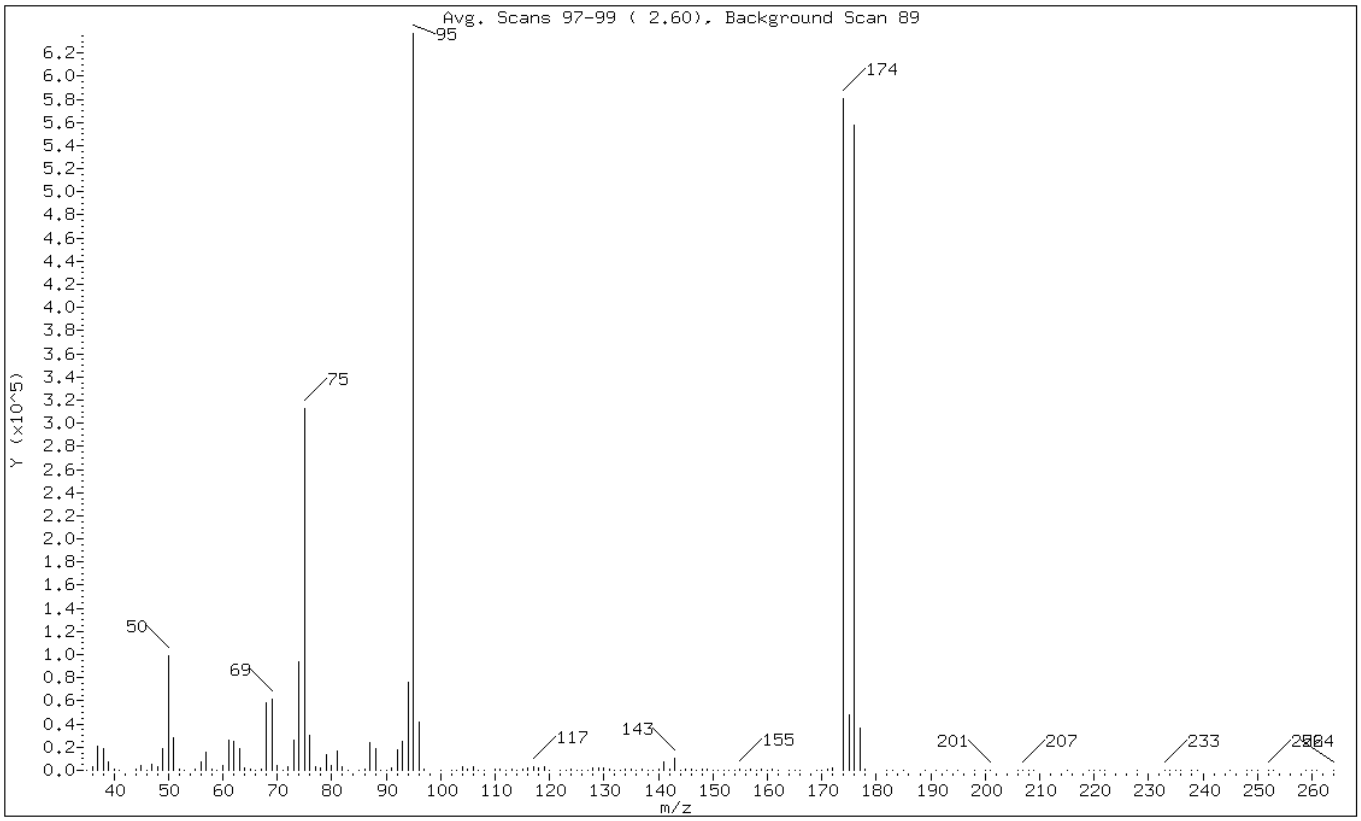
Data File: VB561.D

Date: 13-JUL-2011 14:11

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

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	15.56
75	30.00 - 60.00% of mass 95	49.10
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	91.21
175	5.00 - 9.00% of mass 174	7.49 (8.21)
176	95.00 - 101.00% of mass 174	87.57 (96.01)
177	5.00 - 9.00% of mass 176	5.67 (6.47)

Data File: VB561.D

Date: 13-JUL-2011 14:11

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\Chem\VOA\msv.i\V112191.b\VB561.D
Spectrum: Avg. Scans 97-99 (2.60), Background Scan 89
Location of Maximum: 95.00
Number of points: 167

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	259	80.00	4506	128.00	2034	174.00	580864
36.00	3349	81.00	17024	129.00	1651	175.00	47680
37.00	21152	82.00	2737	130.00	2168	176.00	557696
38.00	18432	83.00	340	131.00	1526	177.00	36104
39.00	7235	85.00	263	132.00	94	178.00	983
40.00	930	86.00	572	133.00	50	182.00	110
41.00	338	87.00	23872	134.00	550	183.00	94
44.00	819	88.00	19000	135.00	1195	185.00	45
45.00	4481	89.00	45	136.00	216	189.00	54
46.00	243	90.00	53	137.00	1336	191.00	74
47.00	5445	91.00	2407	138.00	128	193.00	50
48.00	2820	92.00	17872	139.00	370	195.00	35
49.00	19256	93.00	25352	140.00	776	198.00	85
50.00	99104	94.00	76584	141.00	7647	200.00	39
51.00	28648	95.00	636864	142.00	603	201.00	104
52.00	1016	96.00	41408	143.00	9997	206.00	52
53.00	229	97.00	1104	144.00	86	207.00	235
55.00	909	100.00	46	145.00	1284	208.00	111
56.00	7078	102.00	3	146.00	1217	209.00	72
57.00	15581	103.00	100	147.00	517	215.00	86
58.00	634	104.00	3179	148.00	1247	219.00	169
59.00	40	105.00	654	149.00	695	220.00	52
60.00	4292	106.00	2682	150.00	480	221.00	64
61.00	26096	107.00	368	151.00	137	222.00	97
62.00	25448	108.00	68	152.00	395	228.00	47
63.00	18568	110.00	542	153.00	347	233.00	293
64.00	1874	111.00	868	154.00	134	234.00	67
65.00	1172	112.00	183	155.00	1334	235.00	33
66.00	288	113.00	631	156.00	14	236.00	123
67.00	1555	114.00	167	157.00	1334	238.00	33
68.00	58664	115.00	754	158.00	287	239.00	48
69.00	61944	116.00	2353	159.00	656	245.00	42
70.00	3907	117.00	3560	160.00	445	248.00	55
71.00	393	118.00	2072	161.00	880	249.00	53
72.00	3332	119.00	3452	162.00	84	250.00	45
73.00	26048	120.00	93	164.00	132	252.00	108
74.00	93968	122.00	171	165.00	127	253.00	83
75.00	312704	123.00	161	166.00	160	259.00	49
76.00	30216	124.00	616	169.00	469	260.00	93
77.00	3200	125.00	152	170.00	461	261.00	102

78.00	2290	126.00	191	171.00	1037	264.00	93
79.00	14014	127.00	6	172.00	1886		

TestAmerica Inc

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\VB570.D
Lab Smp Id: BFB-639321 Client Smp ID: BFB-639321
Inj Date : 20-JUL-2011 09:35 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB-639321
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\VBFB8260.m
Meth Date : 16-Jun-2009 08:21 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 11 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

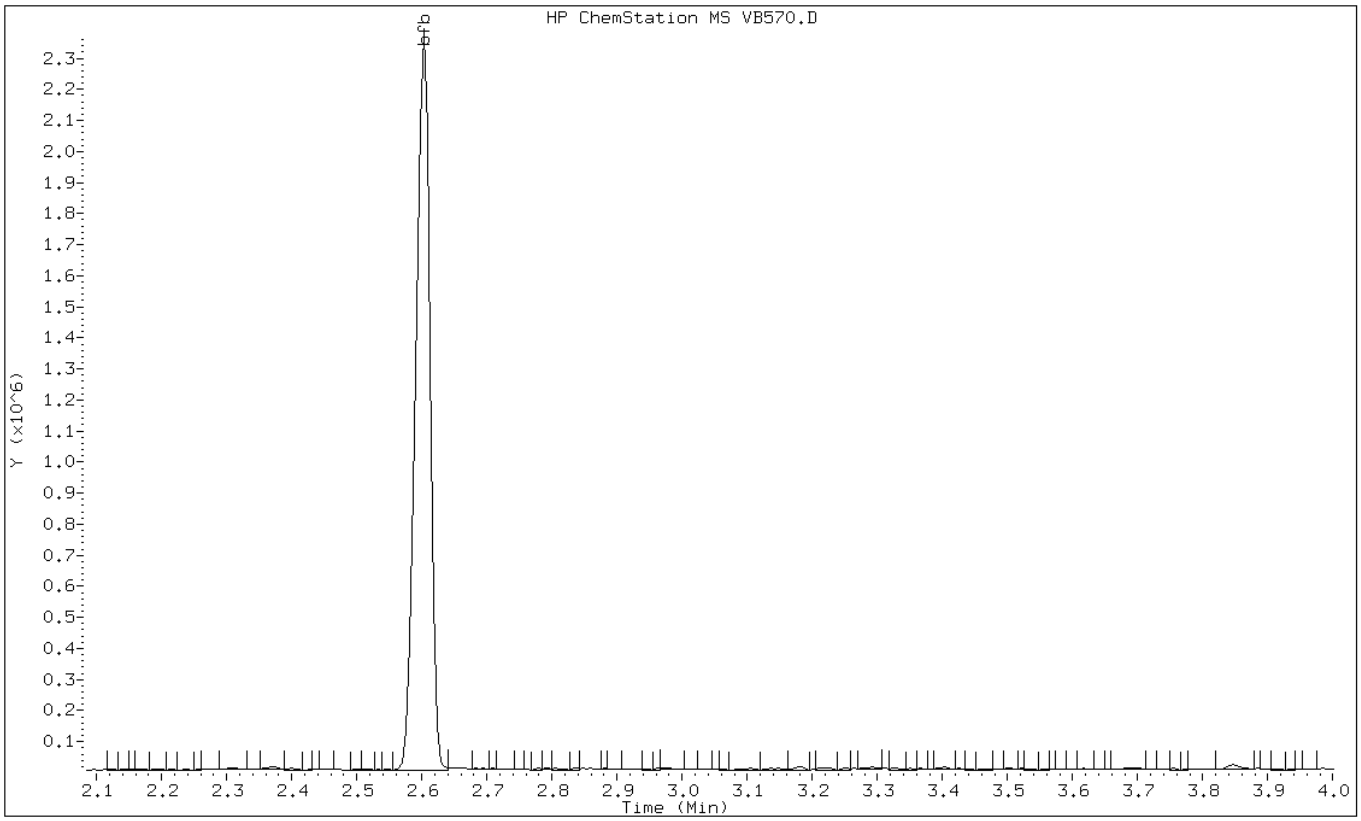
					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.602	2.523	(0.000)	95	216429			0.00- 100.00	100.00
2.602	2.523	(0.000)	50	36344			15.00- 40.00	16.79
2.602	2.523	(0.000)	75	117482			30.00- 60.00	54.28
2.602	2.523	(0.000)	96	14185			5.00- 9.00	6.55
2.602	2.523	(0.000)	173	452			0.00- 2.00	0.21
2.602	2.523	(0.000)	174	211977			50.00- 100.00	97.94
2.602	2.523	(0.000)	175	18659			5.00- 9.00	8.80
2.602	2.523	(0.000)	176	211598			95.00- 101.00	99.82
2.602	2.523	(0.000)	177	14149			5.00- 9.00	6.69

Data File: VB570.D

Date: 20-JUL-2011 09:35

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA



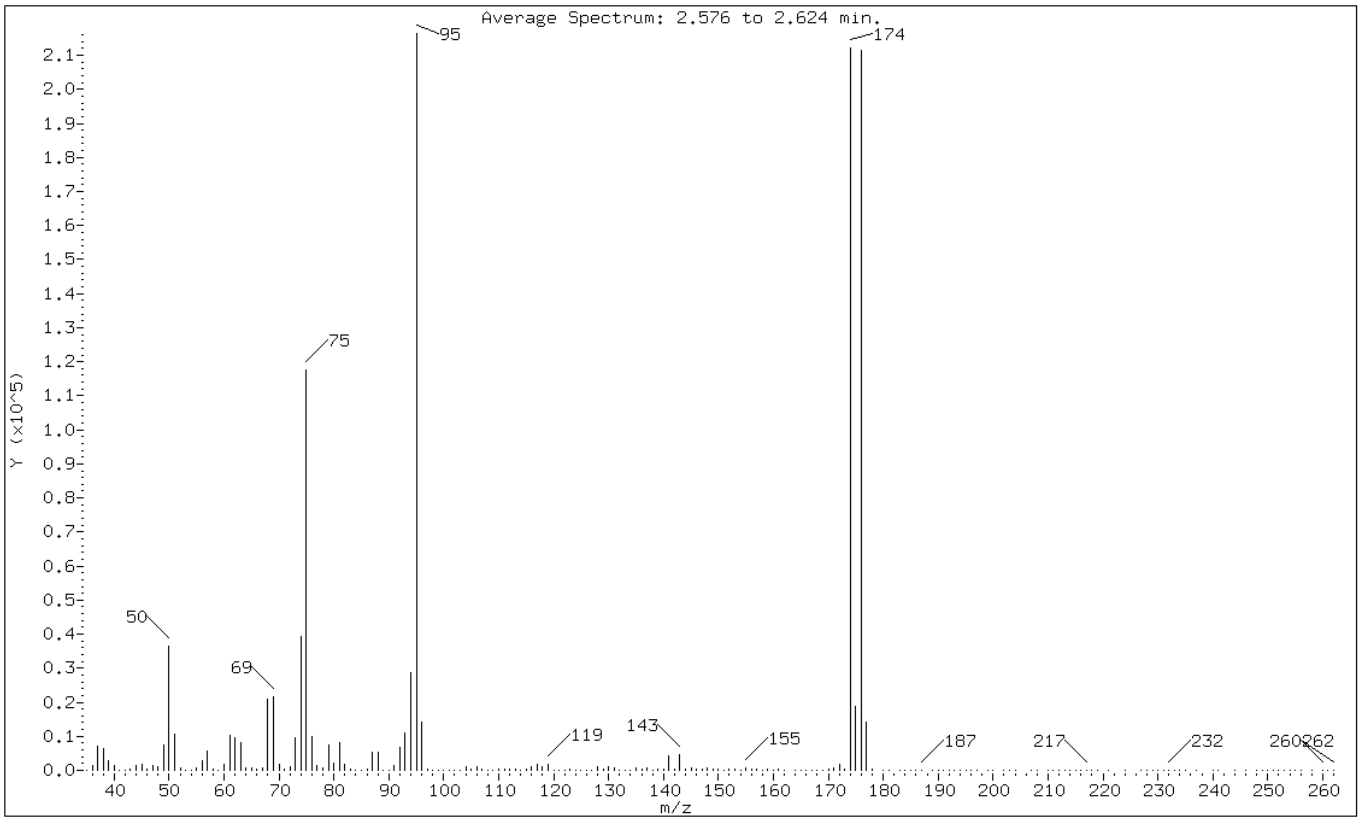
Data File: VB570.D

Date: 20-JUL-2011 09:35

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

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	16.79
75	30.00 - 60.00% of mass 95	54.28
96	5.00 - 9.00% of mass 95	6.55
173	Less than 2.00% of mass 174	0.21 (0.21)
174	50.00 - 100.00% of mass 95	97.94
175	5.00 - 9.00% of mass 174	8.62 (8.80)
176	95.00 - 101.00% of mass 174	97.77 (99.82)
177	5.00 - 9.00% of mass 176	6.54 (6.69)

Data File: VB570.D

Date: 20-JUL-2011 09:35

Client ID: BFB-639321 Instrument: msv.i

Sample Info: BFB-639321 Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\Chem\VOA\msv.i\V112399.b\VB570.D
Spectrum: Average Spectrum: 2.576 to 2.624 min.
Location of Maximum: 95.00
Number of points: 205

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	26	87.00	5311	139.00	255	195.00	50
36.00	1335	88.00	5277	140.00	330	196.00	30
37.00	7171	89.00	132	141.00	4081	197.00	53
38.00	6522	90.00	150	142.00	476	199.00	30
39.00	2918	91.00	1286	143.00	4449	200.00	14
40.00	1403	92.00	6757	144.00	212	202.00	45
41.00	165	93.00	10863	145.00	784	203.00	24
42.00	127	94.00	28688	146.00	496	204.00	53
43.00	324	95.00	216384	147.00	276	207.00	18
44.00	1470	96.00	14185	148.00	789	208.00	10
45.00	1785	97.00	356	149.00	370	210.00	14
46.00	251	98.00	27	150.00	246	211.00	59
47.00	1353	99.00	17	151.00	39	212.00	32
48.00	1147	100.00	17	152.00	225	213.00	43
49.00	7557	101.00	59	153.00	193	214.00	14
50.00	36344	102.00	46	154.00	159	215.00	54
51.00	10713	103.00	142	155.00	718	216.00	38
52.00	565	104.00	1165	156.00	216	217.00	62
53.00	110	105.00	441	157.00	528	218.00	60
54.00	133	106.00	1198	158.00	72	219.00	23
55.00	619	107.00	343	159.00	514	221.00	28
56.00	2863	108.00	35	160.00	49	224.00	52
57.00	5617	109.00	26	161.00	347	227.00	11
58.00	315	110.00	254	162.00	68	228.00	15
59.00	92	111.00	363	164.00	106	229.00	27
60.00	1850	112.00	287	165.00	25	230.00	21
61.00	10279	113.00	358	166.00	14	231.00	34
62.00	9583	114.00	51	167.00	94	232.00	59
63.00	8081	115.00	341	168.00	107	233.00	29
64.00	836	116.00	961	169.00	161	234.00	19
65.00	634	117.00	1679	170.00	238	235.00	11
66.00	221	118.00	1122	171.00	612	237.00	25
67.00	744	119.00	1743	172.00	1847	240.00	10
68.00	20720	120.00	79	173.00	452	241.00	13
69.00	21656	121.00	42	174.00	211968	244.00	14
70.00	1720	122.00	118	175.00	18656	246.00	17
71.00	243	123.00	187	176.00	211584	248.00	53
72.00	1065	124.00	175	177.00	14149	249.00	14
73.00	9616	125.00	138	178.00	444	250.00	17
74.00	39160	126.00	115	180.00	44	251.00	25

75.00	117480	127.00	118	181.00	34	252.00	26
76.00	9799	128.00	1140	183.00	16	253.00	41
77.00	1274	129.00	493	184.00	73	254.00	62
78.00	717	130.00	1132	185.00	43	255.00	10
79.00	7555	131.00	549	186.00	38	256.00	52
80.00	2264	132.00	95	187.00	108	258.00	54
81.00	8104	133.00	32	189.00	11	260.00	64
82.00	1596	134.00	150	190.00	49	261.00	17
83.00	312	135.00	690	191.00	73	262.00	25
84.00	14	136.00	227	192.00	10		
85.00	149	137.00	682	193.00	40		
86.00	198	138.00	29	194.00	37		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53087/3

Matrix: Solid | Lab File ID: N3859.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 12:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.41
67-64-1	Acetone	2.43	J	20	2.2
75-00-3	Chloroethane	5.0	U	5.0	0.98
67-66-3	Chloroform	5.0	U	5.0	0.34
74-87-3	Chloromethane	5.0	U	5.0	0.78
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.30
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
78-93-3	Methyl Ethyl Ketone	10	U	10	1.6
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.58
71-43-2	Benzene	5.0	U	5.0	0.57
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.58
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.67
75-27-4	Bromodichloromethane	5.0	U	5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.27
75-09-2	Methylene Chloride	4.65	J	20	1.1
108-10-1	methyl isobutyl ketone	5.0	U	5.0	0.55
124-48-1	Dibromochloromethane	5.0	U	5.0	0.35
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
591-78-6	2-Hexanone	10	U	10	1.2
108-88-3	Toluene	5.0	U	5.0	0.074
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.53
108-90-7	Chlorobenzene	5.0	U	5.0	0.59
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.37
100-41-4	Ethylbenzene	5.0	U	5.0	0.70
100-42-5	Styrene	5.0	U	5.0	0.15
79-01-6	Trichloroethene	5.0	U	5.0	0.81
75-25-2	Bromoform	5.0	U	5.0	0.61
75-01-4	Vinyl chloride	5.0	U	5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.52
1330-20-7	Xylenes, Total	5.0	U	5.0	0.49
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.37
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53087/3

Matrix: Solid Lab File ID: N3859.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 12:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	83		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		59-132
2037-26-5	Toluene-d8 (Surr)	93		50-118
460-00-4	4-Bromofluorobenzene	101		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3859.D
Lab Smp Id: MB-621707 Client Smp ID: MB-621707
Inj Date : 19-JUL-2011 12:08 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : MB-621707
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 19 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

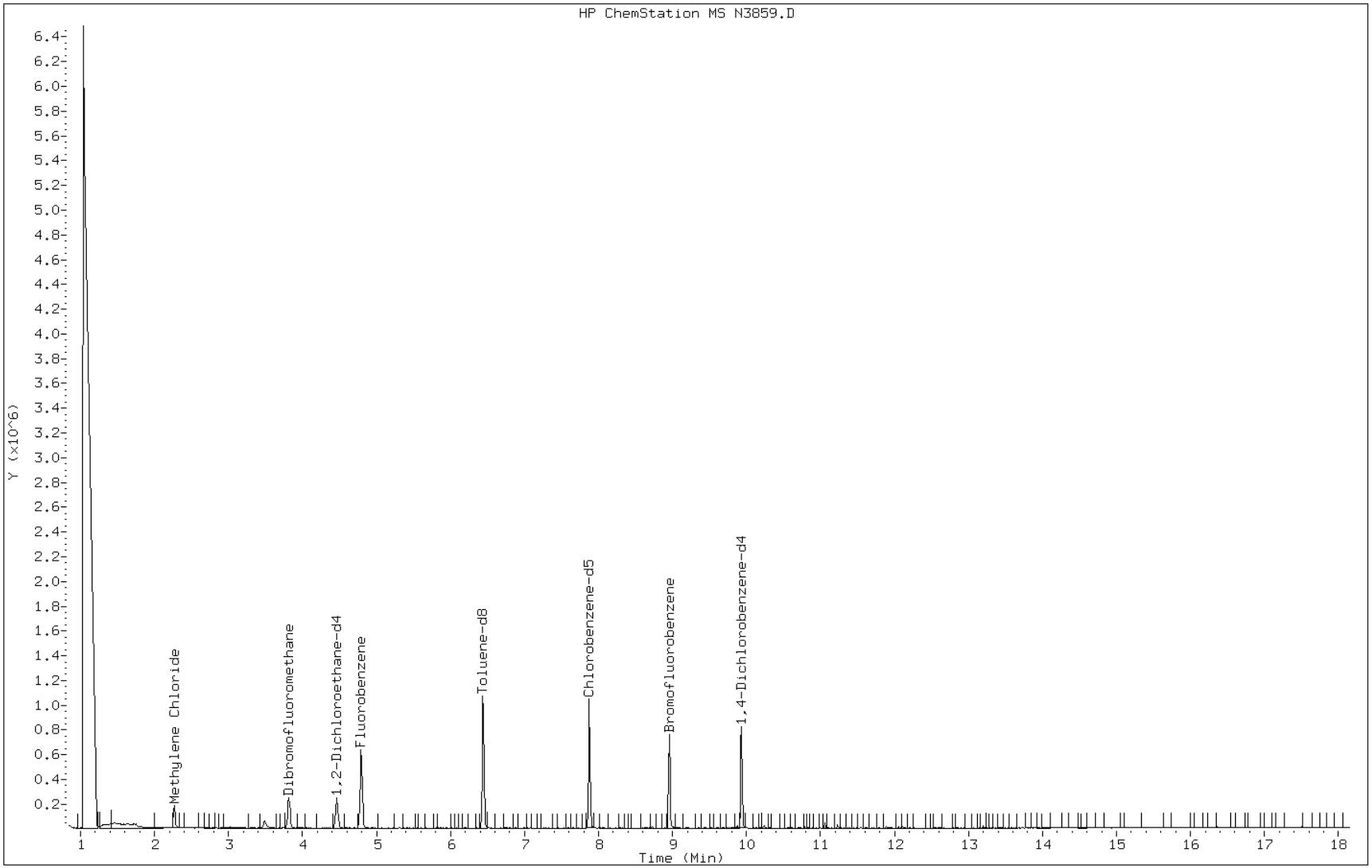
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	4.790	4.788	(1.000)	658285	25.0000	
	20 Methylene Chloride	84	2.268	2.266	(0.474)	58242	4.65424	5
	21 Acetone	43	2.288	2.296	(0.478)	16410	2.42813	2
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	203769	20.8746	21
$	55 1,2-Dichloroethane-d4	65	4.465	4.463	(0.932)	186927	21.7366	22
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	522036	25.0000	
$	77 Toluene-d8	98	6.436	6.443	(0.817)	696821	23.1885	23
*	95 1,4-Dichlorobenzene-d4	152	9.933	9.931	(1.000)	198788	25.0000	
$	125 Bromofluorobenzene	95	8.958	8.956	(0.902)	249217	25.1777	25

Data File: N3859.D

Date: 19-JUL-2011 12:08

Client ID: MB-621707 Instrument: msn.i

Sample Info: MB-621707 Operator: D. HUMBERT



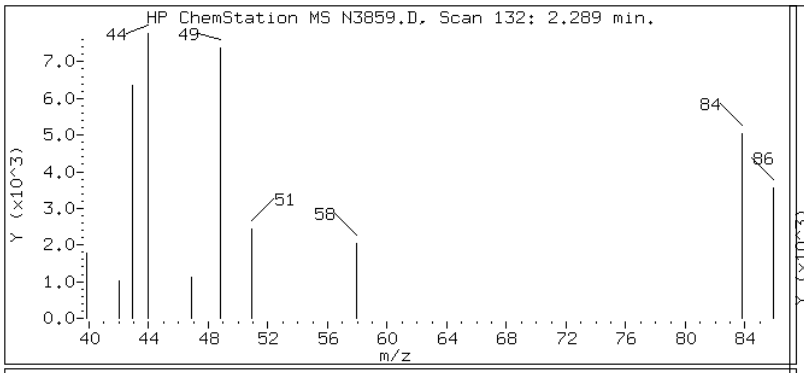
Data File: N3859.D

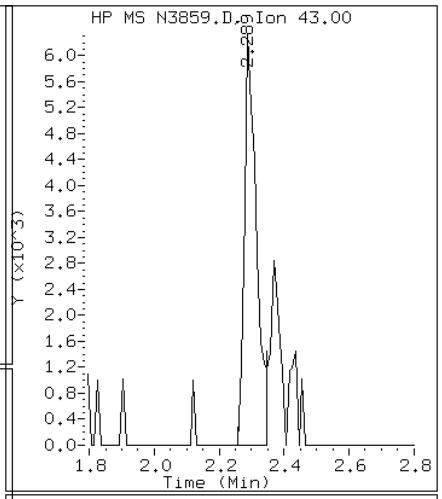
Date: 19-JUL-2011 12:08

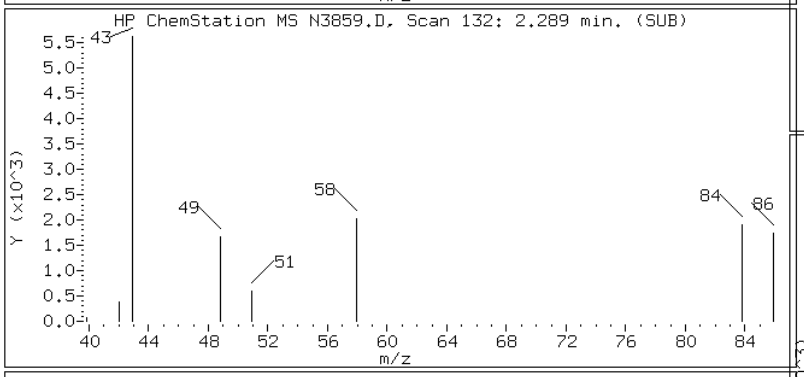
Client ID: MB-621707 Instrument: msn.i

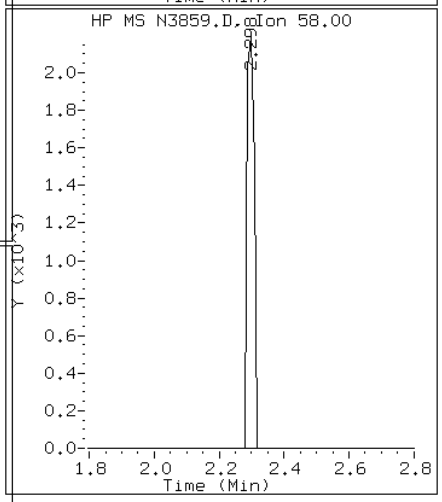
Sample Info: MB-621707 Operator: D. HUMBERT

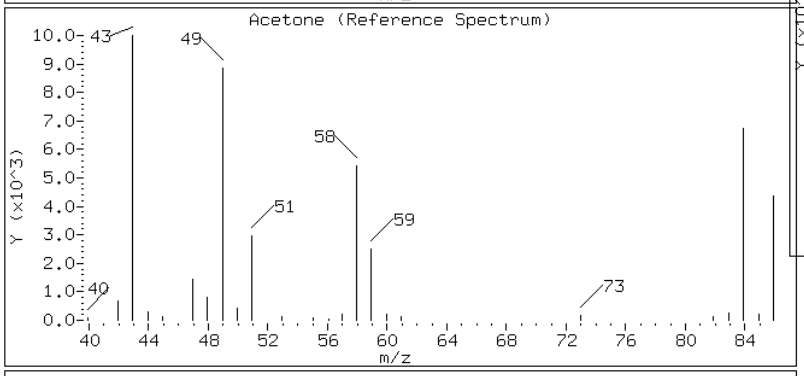
21 Acetone

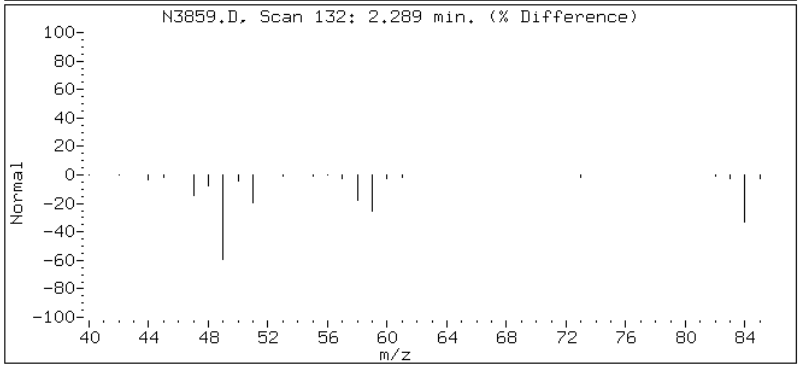












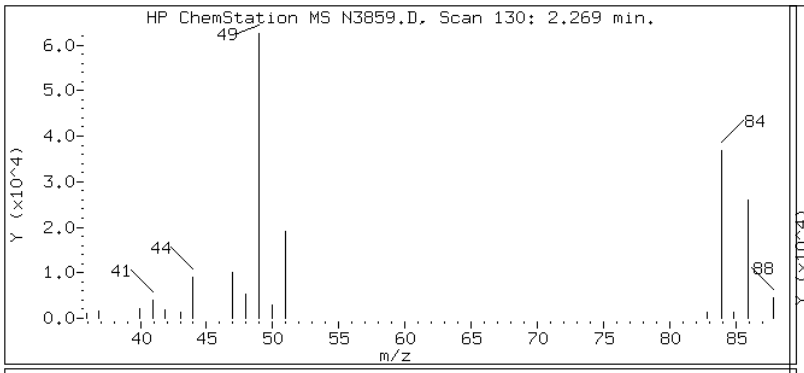
Data File: N3859.D

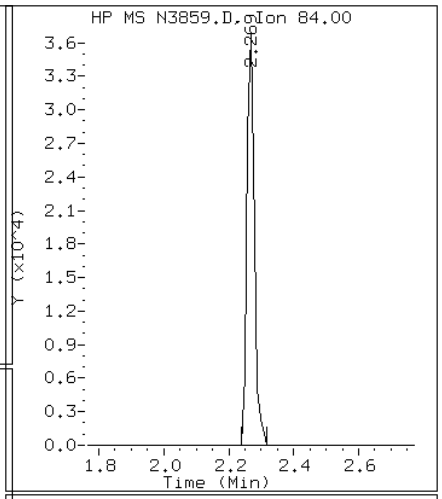
Date: 19-JUL-2011 12:08

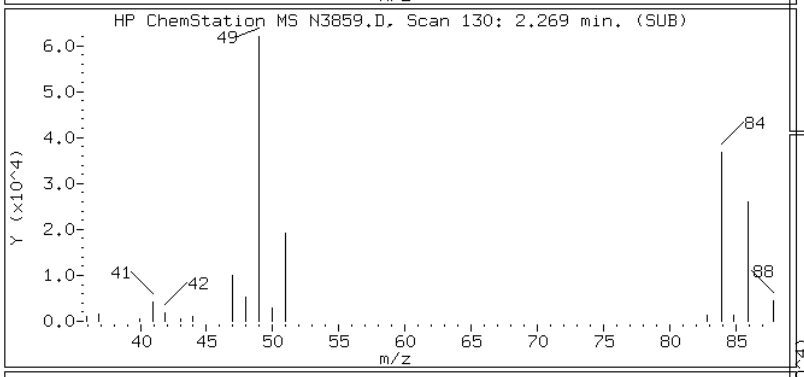
Client ID: MB-621707 Instrument: msn.i

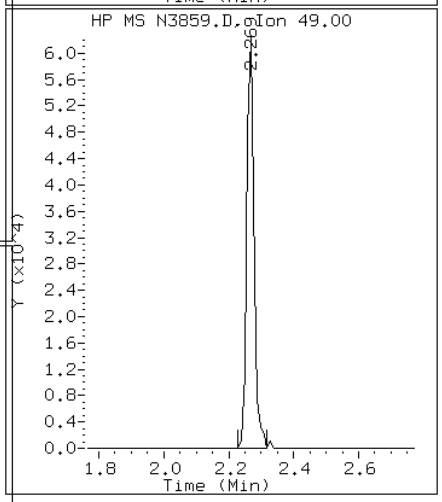
Sample Info: MB-621707 Operator: D. HUMBERT

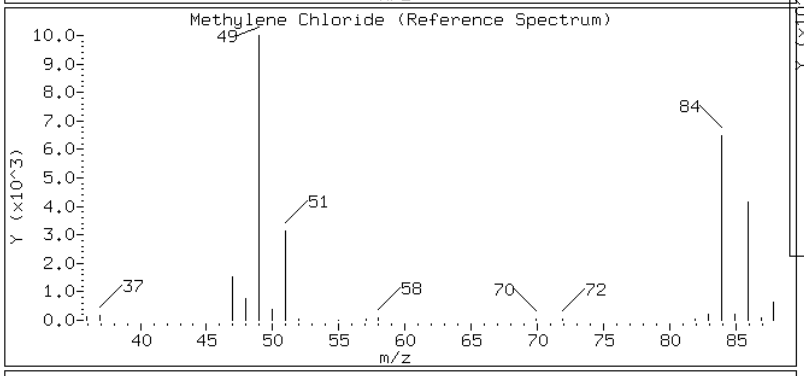
20 Methylene Chloride

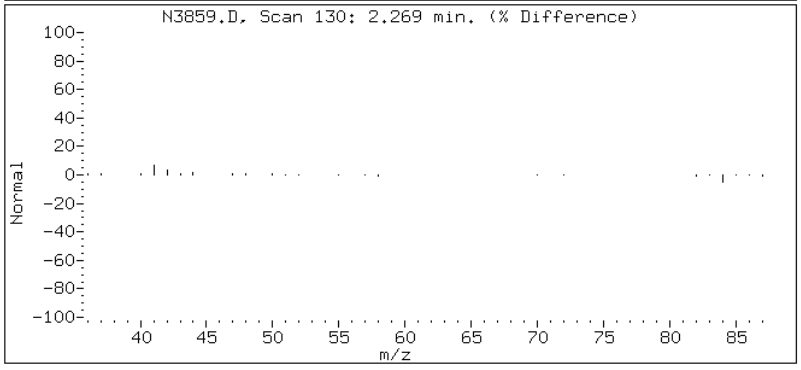












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53093/3

Matrix: Water Lab File ID: V2403.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
67-64-1	Acetone	10	U	10	1.0
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
71-43-2	Benzene	5.0	U	5.0	0.74
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
75-09-2	Methylene Chloride	2.54	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
591-78-6	2-Hexanone	10	U	10	1.1
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
100-42-5	Styrene	5.0	U	5.0	0.64
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-25-2	Bromoform	5.0	U	5.0	0.46
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53093/3

Matrix: Water Lab File ID: V2403.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 11:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	106		68-132
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		65-136
2037-26-5	Toluene-d8 (Surr)	82		63-127
460-00-4	4-Bromofluorobenzene	85		51-142

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2403.D
Lab Smp Id: MB-639322 Client Smp ID: MB-639322
Inj Date : 20-JUL-2011 11:42 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB-639322
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V112399.b\V8260LOW.m
Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

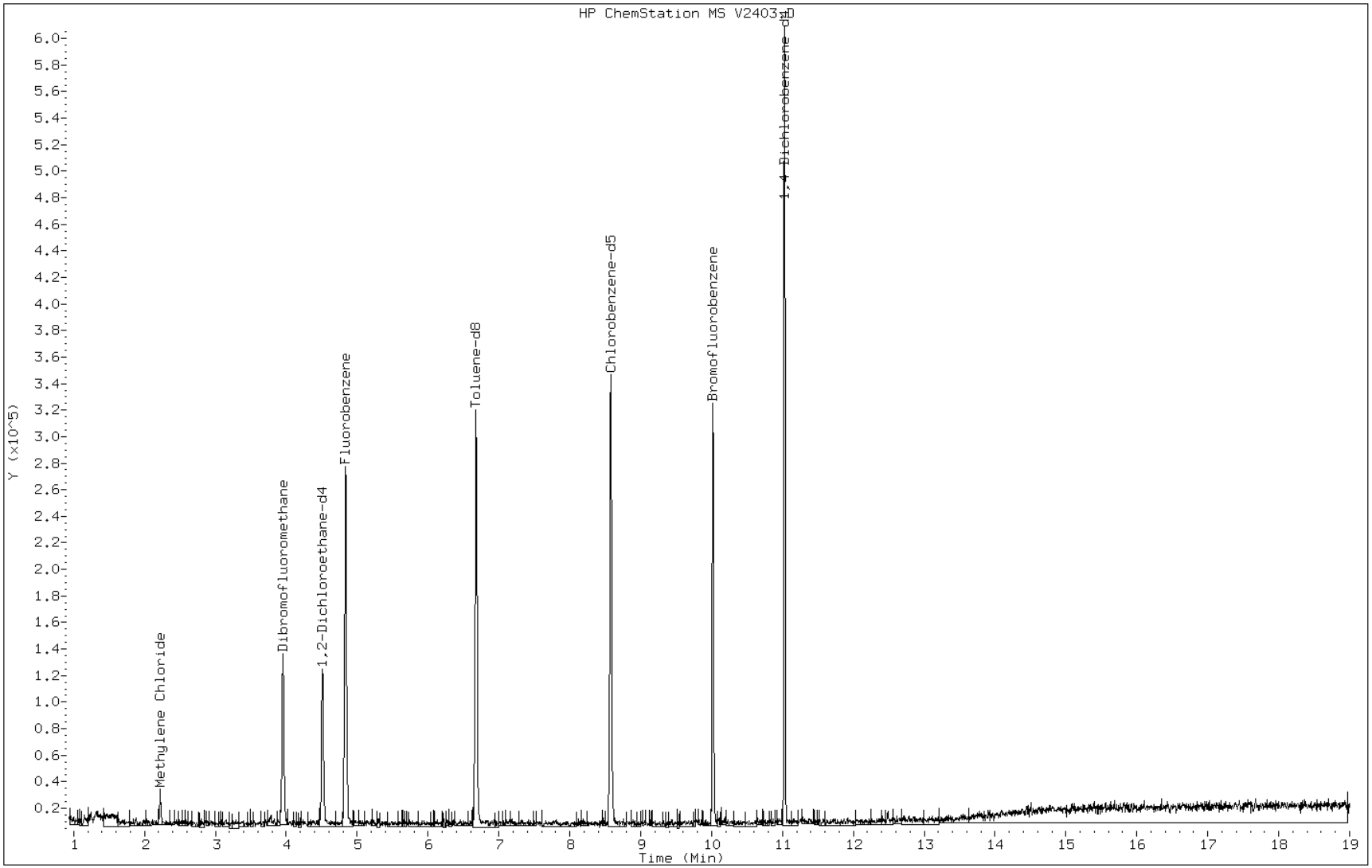
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.836	4.836	(1.000)	251782	25.0000	
	20 Methylene Chloride	84	2.215	2.221	(0.458)	8107	2.54198	2
$	41 Dibromofluoromethane	111	3.955	3.955	(0.818)	74531	26.5058	26
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	96356	28.7053	29
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	207777	25.0000	
$	77 Toluene-d8	98	6.677	6.677	(0.778)	219424	20.4514	20
*	95 1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	115243	25.0000	
$	125 Bromofluorobenzene	95	10.018	10.018	(0.909)	80736	21.2116	21

Data File: V2403.D

Date: 20-JUL-2011 11:42

Client ID: MB-639322 Instrument: msv.i

Sample Info: MB-639322 Operator: B.KOSTRZEWSKA



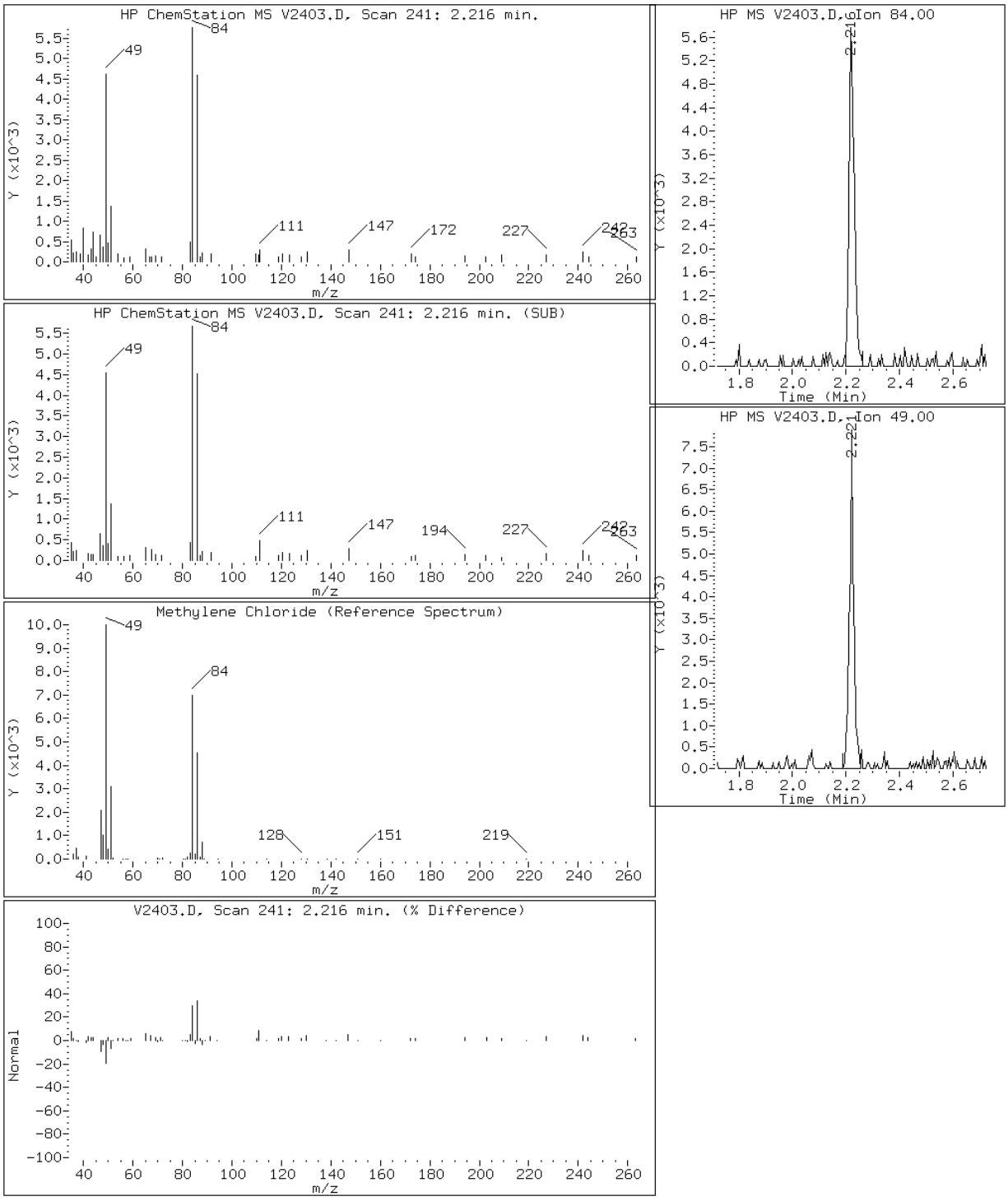
Data File: V2403.D

Date: 20-JUL-2011 11:42

Client ID: MB-639322 Instrument: msv.i

Sample Info: MB-639322 Operator: B.KOSTRZEWSKA

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53146/3

Matrix: Solid Lab File ID: O4952.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 11:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	5.0	U	5.0	2.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.41
67-64-1	Acetone	20	U	20	2.2
75-00-3	Chloroethane	5.0	U	5.0	0.98
67-66-3	Chloroform	5.0	U	5.0	0.34
74-87-3	Chloromethane	5.0	U	5.0	0.78
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.30
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
78-93-3	Methyl Ethyl Ketone	10	U	10	1.6
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.58
71-43-2	Benzene	5.0	U	5.0	0.57
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.58
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.67
75-27-4	Bromodichloromethane	5.0	U	5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.27
75-09-2	Methylene Chloride	4.60	J	20	1.1
108-10-1	methyl isobutyl ketone	5.0	U	5.0	0.55
124-48-1	Dibromochloromethane	5.0	U	5.0	0.35
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
591-78-6	2-Hexanone	10	U	10	1.2
108-88-3	Toluene	0.252	J	5.0	0.074
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.53
108-90-7	Chlorobenzene	5.0	U	5.0	0.59
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.37
100-41-4	Ethylbenzene	5.0	U	5.0	0.70
100-42-5	Styrene	5.0	U	5.0	0.15
79-01-6	Trichloroethene	5.0	U	5.0	0.81
75-25-2	Bromoform	5.0	U	5.0	0.61
75-01-4	Vinyl chloride	5.0	U	5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.52
1330-20-7	Xylenes, Total	5.0	U	5.0	0.49
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.37
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53146/3

Matrix: Solid Lab File ID: O4952.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 11:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	79		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		59-132
2037-26-5	Toluene-d8 (Surr)	80		50-118
460-00-4	4-Bromofluorobenzene	93		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4952.D
Lab Smp Id: MB-630546 Client Smp ID: MB-630546
Inj Date : 20-JUL-2011 11:46 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : MB-630546
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 32 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

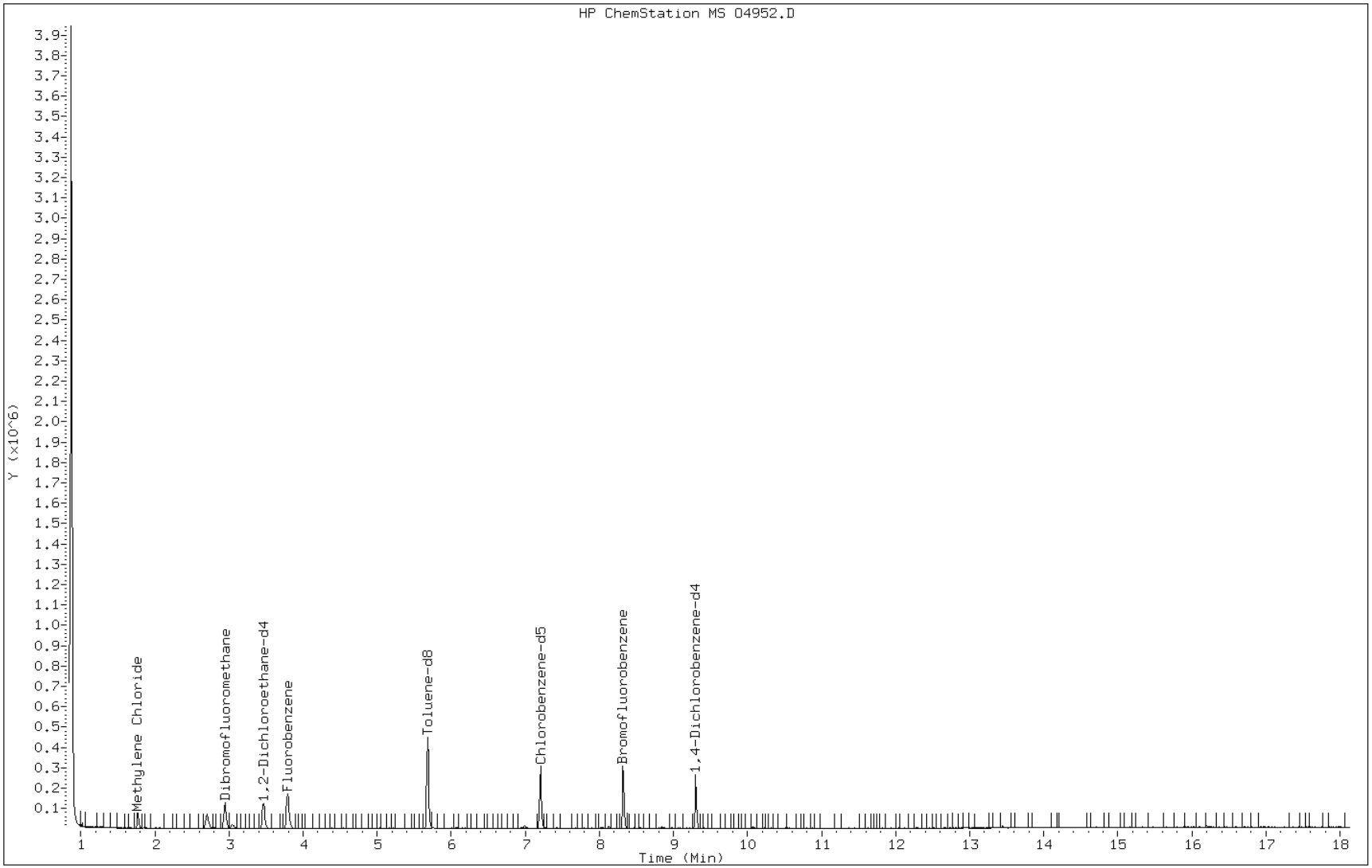
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.792	3.797	(1.000)	215446	25.0000	
	20 Methylene Chloride	84	1.775	1.770	(0.468)	25570	4.60242	5
$	41 Dibromofluoromethane	111	2.946	2.951	(0.777)	95454	19.7296	20
$	55 1,2-Dichloroethane-d4	65	3.467	3.462	(0.914)	116624	22.1024	22
*	75 Chlorobenzene-d5	117	7.206	7.201	(1.000)	148097	25.0000	
	76 Toluene	91	5.740	5.735	(0.797)	4455	0.25235	0.2
$	77 Toluene-d8	98	5.681	5.686	(0.788)	306505	19.9043	20
*	95 1,4-Dichlorobenzene-d4	152	9.302	9.307	(1.000)	58056	25.0000	
$	125 Bromofluorobenzene	95	8.318	8.323	(0.894)	112824	23.2841	23

Data File: O4952.D

Date: 20-JUL-2011 11:46

Client ID: MB-630546 Instrument: mso.i

Sample Info: MB-630546 Operator: D. HUMBERT



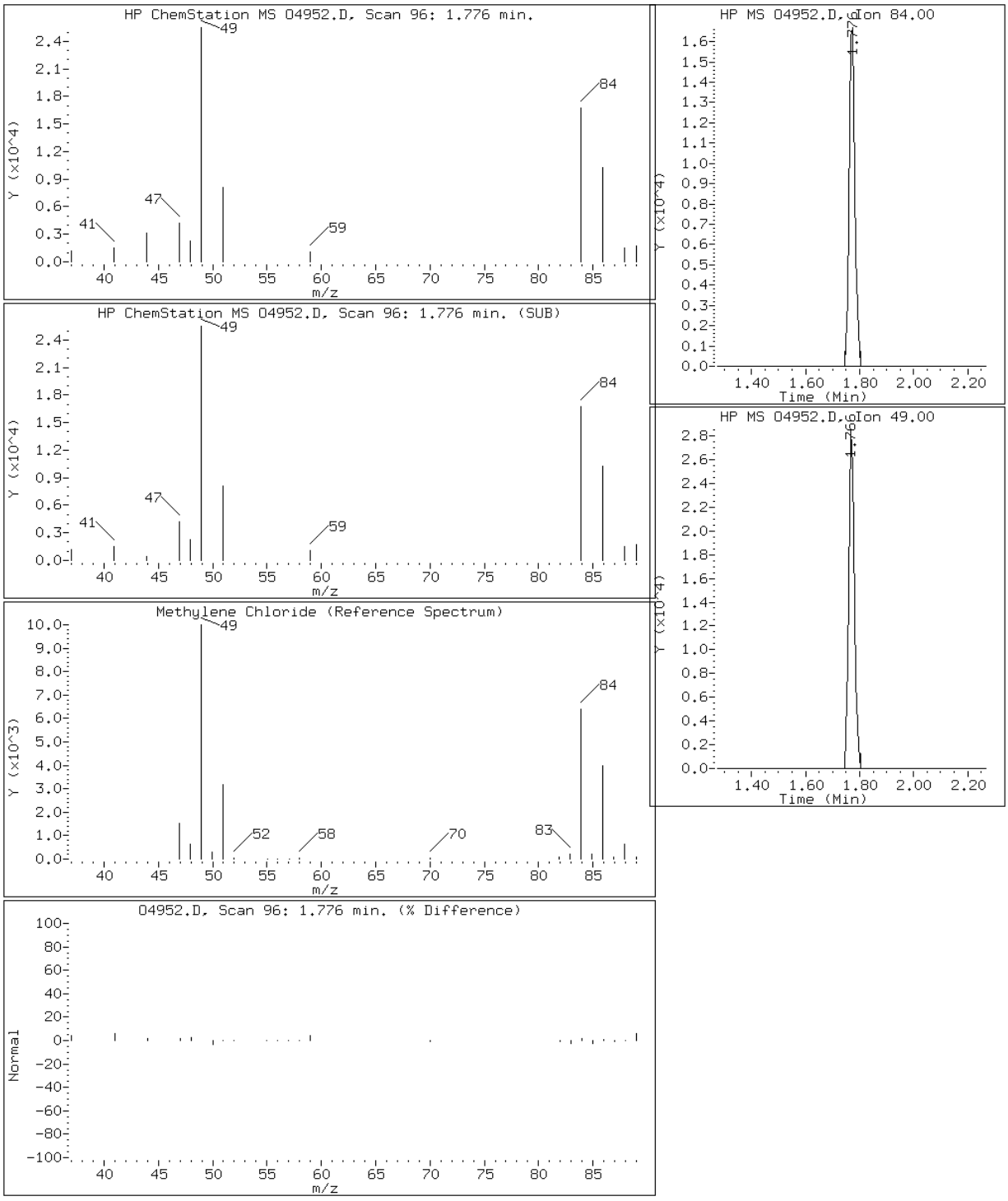
Data File: O4952.D

Date: 20-JUL-2011 11:46

Client ID: MB-630546 Instrument: mso.i

Sample Info: MB-630546 Operator: D. HUMBERT

20 Methylene Chloride



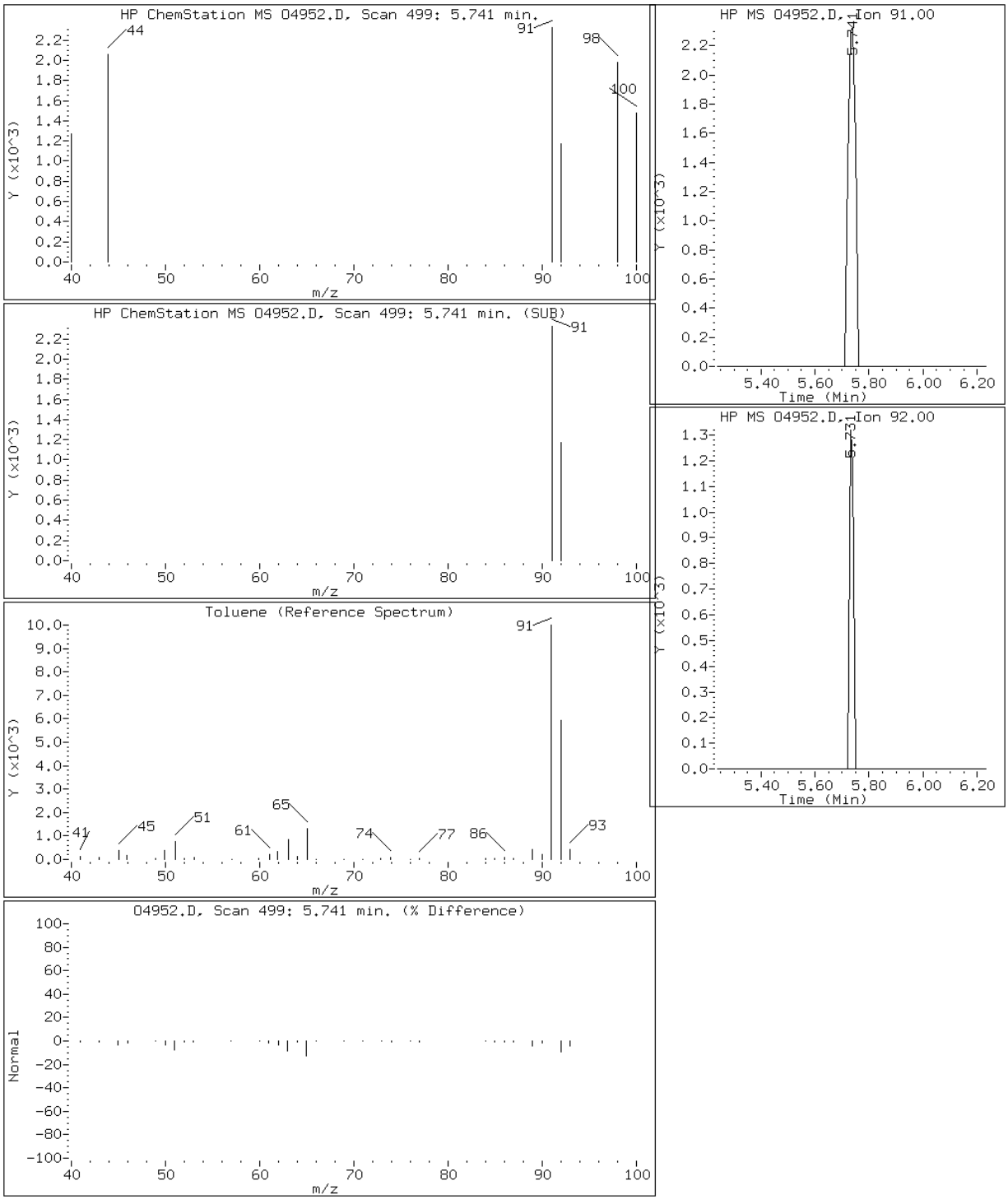
Data File: O4952.D

Date: 20-JUL-2011 11:46

Client ID: MB-630546 Instrument: mso.i

Sample Info: MB-630546 Operator: D. HUMBERT

76 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53087/2

Matrix: Solid | Lab File ID: N3858.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/19/2011 11:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53087 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	30.1		5.0	2.1
75-15-0	Carbon disulfide	18.4		5.0	0.41
67-64-1	Acetone	24.6		20	2.2
75-00-3	Chloroethane	22.0		5.0	0.98
67-66-3	Chloroform	19.1		5.0	0.34
74-87-3	Chloromethane	18.3		5.0	0.78
75-34-3	1,1-Dichloroethane	19.6		5.0	0.30
56-23-5	Carbon tetrachloride	18.7		5.0	0.95
78-93-3	Methyl Ethyl Ketone	21.3		10	1.6
75-35-4	1,1-Dichloroethene	19.1		5.0	0.58
71-43-2	Benzene	18.6		5.0	0.57
107-06-2	1,2-Dichloroethane	19.5		5.0	0.58
78-87-5	1,2-Dichloropropane	18.8		5.0	0.67
75-27-4	Bromodichloromethane	18.7		5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.1		5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	18.2		5.0	0.27
75-09-2	Methylene Chloride	20.1		20	1.1
108-10-1	methyl isobutyl ketone	20.7		5.0	0.55
124-48-1	Dibromochloromethane	18.6		5.0	0.35
127-18-4	Tetrachloroethene	18.8		5.0	0.81
591-78-6	2-Hexanone	20.5		10	1.2
108-88-3	Toluene	19.1		5.0	0.074
71-55-6	1,1,1-Trichloroethane	19.2		5.0	0.53
108-90-7	Chlorobenzene	19.0		5.0	0.59
79-00-5	1,1,2-Trichloroethane	19.7		5.0	0.37
100-41-4	Ethylbenzene	19.1		5.0	0.70
100-42-5	Styrene	18.3		5.0	0.15
79-01-6	Trichloroethene	17.6		5.0	0.81
75-25-2	Bromoform	19.2		5.0	0.61
75-01-4	Vinyl chloride	19.4		5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	19.3		5.0	0.52
1330-20-7	Xylenes, Total	56.9		5.0	0.49
156-59-2	cis-1,2-Dichloroethene	19.5		5.0	0.37
156-60-5	trans-1,2-Dichloroethene	19.9		5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53087/2

Matrix: Solid Lab File ID: N3858.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/19/2011 11:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53087 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	91		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		59-132
2037-26-5	Toluene-d8 (Surr)	99		50-118
460-00-4	4-Bromofluorobenzene	106		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msn.i\N113856.b\N3858.D
Lab Smp Id: LCS-637159 Client Smp ID: LCS-637159
Inj Date : 19-JUL-2011 11:19 MS Autotune Date: 18-JAN-2010 11:44
Operator : D. HUMBERT Inst ID: msn.i
Smp Info : LCS-637159
Misc Info : : ;;; ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\chem\VOA\msn.i\N113856.b\N8260BNS.m
Meth Date : 19-Jul-2011 10:40 dave Quant Type: ISTD
Cal Date : 13-JUL-2011 17:15 Cal File: N3724.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
* 1	Fluorobenzene	96	4.790	4.788	(1.000)	628378	25.0000	
2	Dichlorodifluoromethane	85	1.214	1.232	(0.254)	21854	12.5921	12(RM)
3	Chloromethane	50	1.264	1.262	(0.264)	245022	18.2676	18
4	Vinyl Chloride	62	1.303	1.311	(0.272)	180656	19.3983	19
5	Bromomethane	94	1.490	1.488	(0.311)	123972	30.1326	30(R)
6	Chloroethane	64	1.549	1.547	(0.323)	116187	21.9722	22
7	Trichlorofluoromethane	101	1.628	1.626	(0.340)	184335	21.7638	22
8	Dichlorofluoromethane	67	1.648	1.646	(0.344)	297847	22.1757	22
9	Ethyl Ether	45	1.776	1.784	(0.371)	150383	21.0747	21
10	Ethanol	45	1.845	1.843	(0.385)	108929	243.329	240
12	Freon 123	67	1.914	1.912	(0.400)	36766	16.9325	17
13	Trichlorotrifluoroethane	101	1.924	1.922	(0.402)	164581	19.6315	20
14	1,1-Dichloroethene	96	1.914	1.912	(0.400)	133116	19.1111	19
15	Carbon Disulfide	76	1.943	1.941	(0.406)	536619	18.3651	18
16	Iodomethane	142	2.012	2.010	(0.420)	169954	18.5493	18
17	Acrolein	56	2.111	2.109	(0.441)	117332	63.3288	63(R)
18	2-Propanol	45	2.032	2.030	(0.424)	16311	18.1837	18(M)
19	3-Chloro-1-Propene	41	2.199	2.197	(0.459)	354592	20.3046	20
20	Methylene Chloride	84	2.268	2.266	(0.474)	239950	20.0875	20
21	Acetone	43	2.288	2.296	(0.478)	158644	24.5912	24
22	trans-1,2-Dichloroethene	96	2.377	2.375	(0.496)	163290	19.9297	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	2.367	2.365	(0.494)	1274677	22.3374	22
	24 Methyl tert-Butyl Ether	73	2.436	2.444	(0.509)	461354	19.2320	19
	25 tert-Butyl alcohol	59	2.485	2.493	(0.519)	146513	93.1009	93(M)
	26 Acetonitrile	41	2.633	2.641	(0.550)	286532	196.257	200
	27 Isopropyl ether	45	2.722	2.720	(0.568)	798087	19.5920	20
	28 tert-Butyl ethyl ether	59	3.027	3.025	(0.632)	590890	19.3160	19
	29 2-Chloro-1,3-Butadiene	88	2.820	2.828	(0.589)	142674	18.1033	18
	30 Acrylonitrile	53	2.879	2.877	(0.601)	206696	39.2659	39
	31 1,1-Dichloroethane	63	2.840	2.838	(0.593)	325792	19.6365	20
	32 Vinyl Acetate	43	3.037	3.045	(0.634)	417214	15.4476	15
	33 cis-1,2-Dichloroethene	96	3.332	3.330	(0.696)	185814	19.4657	19
	34 2,2-Dichloropropane	77	3.441	3.439	(0.718)	200258	18.8443	19
	35 Bromochloromethane	128	3.529	3.537	(0.737)	95096	19.2904	19
	37 Cyclohexane	84	3.549	3.547	(0.741)	255990	19.4244	19
	38 Chloroform	83	3.608	3.606	(0.753)	259839	19.1106	19
	39 Ethyl Acetate	43	3.746	3.744	(0.782)	38689	39.5071	40
	40 Methyl Acrylate	55	3.756	3.754	(0.784)	221798	19.9268	20
$	41 Dibromofluoromethane	111	3.815	3.813	(0.796)	211718	22.7212	23
	42 Tetrahydrofuran	42	3.795	3.793	(0.792)	200307	42.0110	42
	43 Carbon Tetrachloride	117	3.776	3.774	(0.788)	156751	18.7489	19
	44 1,1,1-Trichloroethane	97	3.855	3.853	(0.805)	196193	19.2255	19
	45 2-Butanone	43	3.963	3.961	(0.827)	179390	21.2654	21
	46 1,1-Dichloropropene	75	4.002	4.000	(0.835)	222716	19.0226	19
	47 tert-Amyl methyl ether	73	4.455	4.453	(0.930)	472801	19.1041	19
	49 1-Chlorobutane	56	4.061	4.059	(0.848)	357342	18.4692	18
	51 Propionitrile	54	4.318	4.325	(0.901)	342649	193.441	190
	52 Benzene	78	4.308	4.306	(0.899)	626980	18.5927	18
	53 2-Methyl-2-Propenenitrile	41	4.347	4.355	(0.907)	171038	20.7327	21
	54 Isobutyl alcohol	42	4.584	4.591	(0.957)	83417	187.844	190
$	55 1,2-Dichloroethane-d4	65	4.455	4.463	(0.930)	187800	22.8775	23
	56 1,2-Dichloroethane	62	4.544	4.542	(0.949)	193323	19.5390	20
	59 Methyl Cyclohexane	83	4.978	4.976	(1.039)	284684	18.8927	19
	60 Trichloroethene	130	4.987	4.985	(1.041)	153796	17.6462	18
	63 Dibromomethane	93	5.431	5.429	(1.134)	114312	19.7784	20
	64 1,2-Dichloropropane	63	5.539	5.537	(1.156)	195172	18.7843	19
	65 Bromodichloromethane	83	5.618	5.616	(1.173)	179582	18.7480	19
	66 Methyl Methacrylate	69	5.805	5.803	(1.212)	148062	18.8958	19(R)
	67 1,4-Dioxane	58	5.845	5.852	(1.220)	14005	167.547	170
	69 2-Chloroethylvinylether	63	6.219	6.217	(1.298)	100146	19.3423	19
	174 Ethyl acrylate	55	5.588	5.596	(1.167)	328628	20.5760	20
	70 cis-1,3-Dichloropropene	75	6.258	6.256	(1.306)	246962	18.0675	18
	71 Chloroacetonitrile	48	6.633	6.631	(1.385)	91813	193.542	190(R)
	72 2-Nitropropane	41	6.702	6.700	(1.399)	90242	37.6027	38
	73 trans-1,3-Dichloropropene	75	6.889	6.897	(1.438)	214693	18.2023	18
	74 1,1,2-Trichloroethane	97	7.037	7.035	(1.469)	148994	19.6586	20
*	75 Chlorobenzene-d5	117	7.874	7.872	(1.000)	506341	25.0000	
	76 Toluene	91	6.485	6.493	(0.824)	639623	19.0990	19
$	77 Toluene-d8	98	6.436	6.443	(0.817)	717968	24.6328	25
	78 1,1-Dichloro-2-propanone	43	6.721	6.719	(0.854)	711898	99.4400	99
	79 4-Methyl-2-Pentanone	43	6.859	6.857	(0.871)	281450	20.7415	21
	80 Tetrachloroethene	164	6.859	6.857	(0.871)	110553	18.8225	19
	81 Ethyl Methacrylate	69	7.066	7.064	(0.897)	222057	19.8497	20
	82 Dibromochloromethane	129	7.194	7.202	(0.914)	149633	18.5871	18
	83 1,3-Dichloropropane	76	7.283	7.281	(0.925)	272809	20.1675	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
84	1,2-Dibromoethane	107	7.401	7.399	(0.940)	169846	19.2838	19
86	2-Hexanone	43	7.638	7.636	(0.970)	215372	20.4789	20
87	1-Chlorohexane	91	7.894	7.892	(1.002)	235083	18.6605	19
88	Chlorobenzene	112	7.894	7.892	(1.002)	430369	19.0135	19
89	1,1,1,2-Tetrachloroethane	131	7.953	7.951	(1.010)	126872	17.8963	18
90	Ethylbenzene	106	7.923	7.931	(1.006)	221057	19.1210	19
91	Xylene (total)mp	106	8.061	8.059	(1.024)	555578	38.3432	38
92	Xylene (total)o	106	8.436	8.434	(1.071)	257232	18.6206	19
93	Styrene	104	8.485	8.483	(1.078)	421977	18.3227	18
94	Bromoform	173	8.495	8.493	(1.079)	85521	19.1778	19
* 95	1,4-Dichlorobenzene-d4	152	9.933	9.931	(1.000)	203781	25.0000	
96	Isopropylbenzene	105	8.721	8.719	(0.878)	611810	18.3943	18
97	Bromobenzene	156	9.036	9.044	(0.910)	146240	18.2735	18
98	1,1,2,2-Tetrachloroethane	83	9.145	9.143	(0.921)	202593	19.2743	19
99	4-Ethyltoluene	105	9.184	9.182	(0.925)	639260	18.4987	18
100	1,2,3-Trichloropropane	110	9.253	9.251	(0.932)	57877	19.7270	20
101	trans-1,4-Dichloro-2-Butene	53	9.293	9.300	(0.936)	102147	36.5191	36
102	n-Propylbenzene	91	9.086	9.084	(0.915)	788805	18.9940	19
103	2-Chlorotoluene	91	9.204	9.202	(0.927)	514810	19.1888	19
104	4-Chlorotoluene	91	9.352	9.350	(0.941)	463577	19.3799	19
105	1,3,5-Trimethylbenzene	105	9.263	9.261	(0.933)	520699	19.0895	19
106	tert-Butylbenzene	119	9.529	9.527	(0.959)	435034	18.1935	18
107	1,2,4-Trimethylbenzene	105	9.598	9.596	(0.966)	513875	18.7994	19
108	sec-Butylbenzene	105	9.687	9.685	(0.975)	716633	18.8282	19
109	4-Isopropyltoluene	119	9.815	9.813	(0.988)	543229	18.2319	18
110	1,3-Dichlorobenzene	146	9.864	9.862	(0.993)	266982	18.6841	19
111	1,4-Dichlorobenzene	146	9.943	9.941	(1.001)	267975	18.4083	18
112	1,2-Dichlorobenzene	146	10.307	10.305	(1.038)	244674	18.4916	18
113	Benzyl Chloride	126	10.160	10.158	(1.023)	45979	14.6754	15(R)
114	1,4-Diethylbenzene	119	10.130	10.138	(1.020)	260840	17.8497	18
115	n-Butylbenzene	91	10.179	10.177	(1.025)	773941	17.3908	17
118	1,2,4,5-Tetramethylbenzene	119	10.839	10.837	(1.091)	427772	18.1565	18
119	1,2-Dibromo-3-chloropropane	75	10.997	11.005	(1.107)	24853	19.1758	19
120	Nitrobenzene	77	11.499	11.497	(1.158)	38858	87.8843	88(R)
121	1,2,4-Trichlorobenzene	180	11.608	11.606	(1.169)	151948	18.5916	18
122	Hexachlorobutadiene	225	11.588	11.586	(1.167)	75272	17.8390	18
123	Naphthalene	128	11.884	11.882	(1.196)	399677	17.1368	17
124	1,2,3-Trichlorobenzene	180	12.051	12.049	(1.213)	133825	18.1740	18
$ 125	Bromofluorobenzene	95	8.958	8.956	(0.902)	267860	26.3981	26
M 126	1,2-Dichloroethene (total)	100				349104	39.3954	39
M 127	Xylene (total)	100				812810	56.9638	57

QC Flag Legend

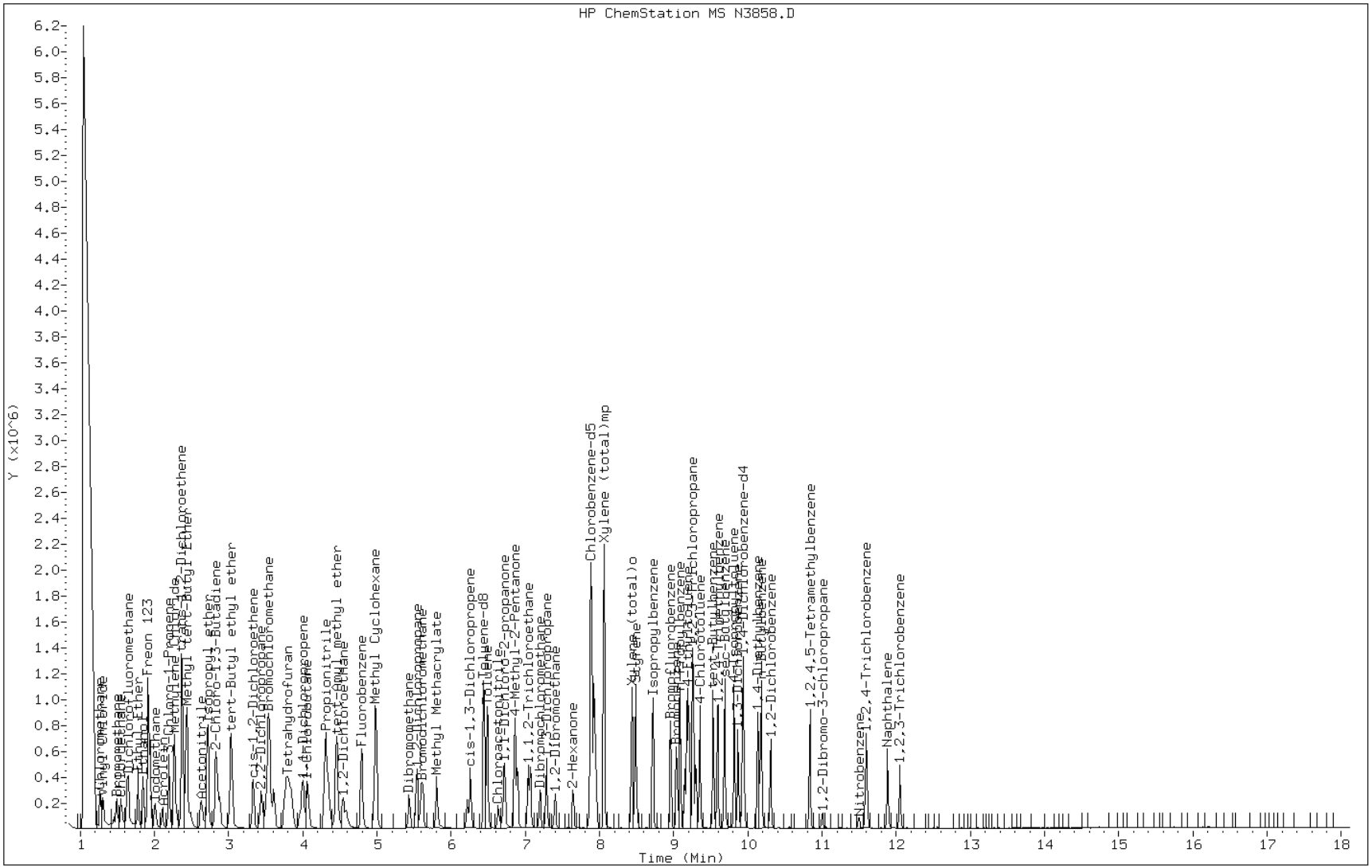
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: N3858.D

Date: 19-JUL-2011 11:19

Client ID: LCS-637159 Instrument: msn.i

Sample Info: LCS-637159 Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53093/2

Matrix: Water Lab File ID: V2401.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	8.74		5.0	2.1
75-15-0	Carbon disulfide	9.50		5.0	0.90
67-64-1	Acetone	8.23	J	10	1.0
75-00-3	Chloroethane	11.1		5.0	1.1
67-66-3	Chloroform	11.0		5.0	0.67
74-87-3	Chloromethane	9.51		5.0	1.1
75-34-3	1,1-Dichloroethane	9.86		5.0	1.0
56-23-5	Carbon tetrachloride	12.8		5.0	1.1
78-93-3	Methyl Ethyl Ketone	7.10	J	10	1.1
75-35-4	1,1-Dichloroethene	10.7		5.0	0.83
71-43-2	Benzene	9.67		5.0	0.74
107-06-2	1,2-Dichloroethane	12.1		5.0	0.72
78-87-5	1,2-Dichloropropane	8.88		5.0	0.71
75-27-4	Bromodichloromethane	11.5		5.0	0.48
10061-01-5	cis-1,3-Dichloropropene	9.59		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	10.0		5.0	0.57
75-09-2	Methylene Chloride	9.10		5.0	0.78
108-10-1	methyl isobutyl ketone	7.34	J	10	0.38
124-48-1	Dibromochloromethane	9.76		5.0	0.55
127-18-4	Tetrachloroethene	10.9		5.0	0.81
591-78-6	2-Hexanone	7.74	J	10	1.1
108-88-3	Toluene	9.58		5.0	0.72
71-55-6	1,1,1-Trichloroethane	12.8		5.0	0.69
108-90-7	Chlorobenzene	10.0		5.0	0.72
79-00-5	1,1,2-Trichloroethane	9.85		5.0	0.65
100-41-4	Ethylbenzene	10.3		5.0	0.87
100-42-5	Styrene	9.97		5.0	0.64
79-01-6	Trichloroethene	9.77		5.0	0.62
75-25-2	Bromoform	10.3		5.0	0.46
75-01-4	Vinyl chloride	10.2		5.0	0.99
79-34-5	1,1,2,2-Tetrachloroethane	7.71		5.0	0.81
1330-20-7	Xylenes, Total	30.4		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	9.00		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	9.63		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53093/2

Matrix: Water Lab File ID: V2401.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/20/2011 10:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53093 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	98		68-132
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		65-136
2037-26-5	Toluene-d8 (Surr)	83		63-127
460-00-4	4-Bromofluorobenzene	77		51-142

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msv.i\V112399.b\V2401.D
Lab Smp Id: LCS-639297 Client Smp ID: LCS-639297
Inj Date : 20-JUL-2011 10:47 MS Autotune Date: 04-APR-2011 13:44
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS-639297
Misc Info :
Comment :
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Meth Date : 20-Jul-2011 10:05 barbara Quant Type: ISTD
Cal Date : 13-JUL-2011 16:47 Cal File: V2196.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.836	4.836	(1.000)	287114	25.0000	
2	Dichlorodifluoromethane	85	0.977	0.977	(0.202)	32577	13.4229	13
3	Chloromethane	50	1.089	1.089	(0.225)	25070	9.50723	10
4	Vinyl Chloride	62	1.132	1.132	(0.234)	25407	10.2484	10
5	Bromomethane	94	1.324	1.324	(0.274)	13554	8.74169	9
6	Chloroethane	64	1.394	1.393	(0.288)	14179	11.1297	11
7	Trichlorofluoromethane	101	1.484	1.479	(0.307)	67318	13.3771	13
8	Dichlorofluoromethane	67	1.516	1.516	(0.314)	44829	10.7248	11
9	Ethyl Ether	45	1.676	1.676	(0.347)	12985	8.27736	8
10	Ethanol	45	1.730	1.730	(0.358)	11287	126.906	130
12	Freon 123	67	1.847	1.847	(0.382)	4811	8.06588	8
13	Trichlorotrifluoroethane	101	1.837	1.836	(0.380)	28024	10.3606	10
14	1,1-Dichloroethene	96	1.805	1.804	(0.373)	21387	10.7232	11
15	Carbon Disulfide	76	1.821	1.820	(0.377)	78289	9.50263	10
16	Iodomethane	142	1.901	1.900	(0.393)	30834	10.0564	10
17	Acrolein	56	2.039	2.039	(0.422)	15032	36.5181	36(M)
18	2-Propanol	45	2.189	2.178	(0.453)	2081	5.92727	6(M)
19	3-Chloro-1-Propene	41	2.141	2.141	(0.443)	30586	8.50687	8
20	Methylene Chloride	84	2.221	2.221	(0.459)	33093	9.09953	9
21	Acetone	43	2.263	2.263	(0.468)	7085	8.22851	8
22	trans-1,2-Dichloroethene	96	2.354	2.349	(0.487)	25164	9.62642	10
23	Methyl Acetate	43	2.370	2.370	(0.490)	96167	8.89180	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.445	2.450	(0.506)	83096	9.93550	10
	25 tert-Butyl alcohol	59	2.541	2.536	(0.525)	15012	42.0186	42
	26 Acetonitrile	41	2.642	2.648	(0.546)	23734	83.2376	83
	27 Isopropyl ether	45	2.808	2.808	(0.581)	64846	8.20865	8
	28 tert-Butyl ethyl ether	59	3.176	3.181	(0.657)	72982	9.04961	9
	29 2-Chloro-1,3-Butadiene	88	2.877	2.877	(0.595)	24540	10.2979	10
	30 Acrylonitrile	53	2.947	2.941	(0.609)	15271	14.9073	15
	31 1,1-Dichloroethane	63	2.893	2.904	(0.598)	49066	9.86097	10
	32 Vinyl Acetate	43	3.187	3.181	(0.659)	48614	8.31062	8
	33 cis-1,2-Dichloroethene	96	3.459	3.453	(0.715)	28591	9.00329	9
	34 2,2-Dichloropropane	77	3.566	3.571	(0.737)	55194	13.0731	13
	35 Bromochloromethane	128	3.662	3.656	(0.757)	15581	9.73861	10
	37 Cyclohexane	84	3.662	3.662	(0.757)	34474	9.65270	10
	38 Chloroform	83	3.758	3.763	(0.777)	65671	10.9820	11
	39 Ethyl Acetate	43	3.923	3.918	(0.811)	4430	14.2253	14(RM)
	40 Methyl Acrylate	55	3.918	3.912	(0.810)	22330	8.34772	8
$	41 Dibromofluoromethane	111	3.950	3.955	(0.817)	78731	24.5539	24
	42 Tetrahydrofuran	42	3.907	3.912	(0.808)	13392	14.9507	15
	43 Carbon Tetrachloride	117	3.891	3.891	(0.805)	61617	12.7581	13
	44 1,1,1-Trichloroethane	97	3.955	3.960	(0.818)	63082	12.8005	13
	45 2-Butanone	43	4.094	4.089	(0.847)	8809	7.09886	7
	46 1,1-Dichloropropene	75	4.099	4.099	(0.848)	38763	10.0328	10
	47 tert-Amyl methyl ether	73	4.542	4.542	(0.939)	76697	10.0598	10
	49 1-Chlorobutane	56	4.163	4.163	(0.861)	52479	10.8721	11
	50 Heptane	43	4.537	4.542	(0.938)	22858	10.2286	10
	51 Propionitrile	54	4.393	4.387	(0.908)	33673	83.8541	84
	52 Benzene	78	4.361	4.361	(0.902)	108657	9.66524	10
	53 2-Methyl-2-Propenenitrile	41	4.420	4.419	(0.914)	13907	8.42384	8(RM)
	54 Isobutyl alcohol	42	4.724	4.713	(0.977)	5569	83.4938	83(M)
$	55 1,2-Dichloroethane-d4	65	4.510	4.510	(0.933)	99816	26.0768	26
	56 1,2-Dichloroethane	62	4.585	4.585	(0.948)	50026	12.0681	12
	59 Methyl Cyclohexane	83	5.007	5.006	(1.035)	43323	9.39499	9
	60 Trichloroethene	130	5.028	5.033	(1.040)	31948	9.77024	10
	63 Dibromomethane	93	5.487	5.487	(1.135)	23753	11.1143	11
	64 1,2-Dichloropropane	63	5.610	5.599	(1.160)	25783	8.88008	9(M)
	65 Bromodichloromethane	83	5.716	5.716	(1.182)	50350	11.5106	12
	66 Methyl Methacrylate	69	5.951	5.951	(1.231)	17394	7.88513	8(R)
	67 1,4-Dioxane	58	5.962	5.940	(1.233)	1586	48.2410	48(M)
	69 2-Chloroethylvinylether	63	6.437	6.426	(1.331)	15107	8.57183	8
	70 cis-1,3-Dichloropropene	75	6.458	6.458	(1.335)	45343	9.59032	10
	71 Chloroacetonitrile	48	6.933	6.938	(1.434)	7964	77.2295	77(RM)
	72 2-Nitropropane	41	7.003	7.008	(1.448)	16062	21.4170	21
	73 trans-1,3-Dichloropropene	75	7.264	7.264	(1.502)	48096	10.0437	10
	74 1,1,2-Trichloroethane	97	7.451	7.451	(1.541)	26907	9.84648	10
*	75 Chlorobenzene-d5	117	8.577	8.577	(1.000)	224211	25.0000	
	76 Toluene	91	6.736	6.736	(0.785)	123147	9.58422	10
$	77 Toluene-d8	98	6.677	6.677	(0.778)	239318	20.6706	21
	78 1,1-Dichloro-2-propanone	43	7.029	7.024	(0.820)	64457	43.9440	44
	79 4-Methyl-2-Pentanone	43	7.237	7.237	(0.844)	20010	7.34296	7
	80 Tetrachloroethene	164	7.189	7.189	(0.838)	30226	10.8552	11
	81 Ethyl Methacrylate	69	7.547	7.536	(0.880)	29037	8.51530	8
	82 Dibromochloromethane	129	7.648	7.648	(0.892)	40488	9.76488	10
	83 1,3-Dichloropropane	76	7.766	7.766	(0.905)	42179	8.83433	9
	84 1,2-Dibromoethane	107	7.899	7.894	(0.921)	30126	9.24401	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
86	2-Hexanone	43	8.300	8.294	(0.968)	13496	7.73635	8
87	1-Chlorohexane	91	8.652	8.652	(1.009)	27247	8.64481	9(M)
88	Chlorobenzene	112	8.598	8.598	(1.002)	86427	10.0082	10
89	1,1,1,2-Tetrachloroethane	131	8.705	8.705	(1.015)	40746	11.7403	12
90	Ethylbenzene	106	8.678	8.678	(1.012)	47725	10.3040	10
91	Xylene (total)mp	106	8.881	8.881	(1.035)	113579	20.9530	21
92	Xylene (total)o	106	9.399	9.393	(1.096)	48621	9.43961	9
93	Styrene	104	9.463	9.463	(1.103)	85950	9.97411	10
94	Bromoform	173	9.452	9.447	(1.102)	31965	10.3463	10
* 95	1,4-Dichlorobenzene-d4	152	11.027	11.027	(1.000)	148196	25.0000	
96	Isopropylbenzene	105	9.762	9.762	(0.885)	117763	8.55392	8
97	Bromobenzene	156	10.098	10.093	(0.916)	43514	9.06692	9
98	1,1,2,2-Tetrachloroethane	83	10.258	10.263	(0.930)	34454	7.71386	8
99	4-Ethyltoluene	105	10.296	10.295	(0.934)	131515	8.74285	9
100	1,2,3-Trichloropropane	110	10.354	10.354	(0.939)	11918	8.54726	8
101	trans-1,4-Dichloro-2-Butene	53	10.418	10.413	(0.945)	19739	16.0329	16
102	n-Propylbenzene	91	10.183	10.183	(0.924)	153438	8.53256	8
103	2-Chlorotoluene	91	10.296	10.295	(0.934)	117557	8.79604	9
104	4-Chlorotoluene	91	10.456	10.455	(0.948)	109153	8.94910	9
105	1,3,5-Trimethylbenzene	105	10.386	10.386	(0.942)	117653	9.06568	9
106	tert-Butylbenzene	119	10.658	10.658	(0.967)	101377	9.10892	9
107	1,2,4-Trimethylbenzene	105	10.722	10.722	(0.972)	119942	8.78546	9
108	sec-Butylbenzene	105	10.813	10.813	(0.981)	149409	9.44796	9
109	4-Isopropyltoluene	119	10.947	10.946	(0.993)	121574	9.05737	9
110	1,3-Dichlorobenzene	146	10.963	10.962	(0.994)	79255	8.90470	9
111	1,4-Dichlorobenzene	146	11.043	11.043	(1.001)	77032	8.25366	8
112	1,2-Dichlorobenzene	146	11.374	11.373	(1.031)	75303	8.87662	9
113	Benzyl Chloride	126	11.256	11.251	(1.021)	15948	8.91787	9
114	1,4-Diethylbenzene	119	11.246	11.245	(1.020)	59495	8.24623	8
115	n-Butylbenzene	91	11.288	11.288	(1.024)	117981	8.49262	8
118	1,2,4,5-Tetramethylbenzene	119	11.870	11.870	(1.076)	108893	7.91580	8
119	1,2-Dibromo-3-chloropropane	75	11.987	11.992	(1.087)	9459	9.14315	9
120	Nitrobenzene	77	12.398	12.398	(1.124)	38174	73.1383	73
121	1,2,4-Trichlorobenzene	180	12.489	12.489	(1.133)	64025	8.41445	8
122	Hexachlorobutadiene	225	12.489	12.489	(1.133)	36781	9.45265	9
123	Naphthalene	128	12.718	12.718	(1.153)	124791	7.35156	7
124	1,2,3-Trichlorobenzene	180	12.847	12.846	(1.165)	61161	8.24479	8
$ 125	Bromofluorobenzene	95	10.018	10.018	(0.909)	94808	19.3700	19
M 126	1,2-Dichloroethene (total)	100				53755	18.6297	19
M 127	Xylene (total)	100				162200	30.3926	30

QC Flag Legend

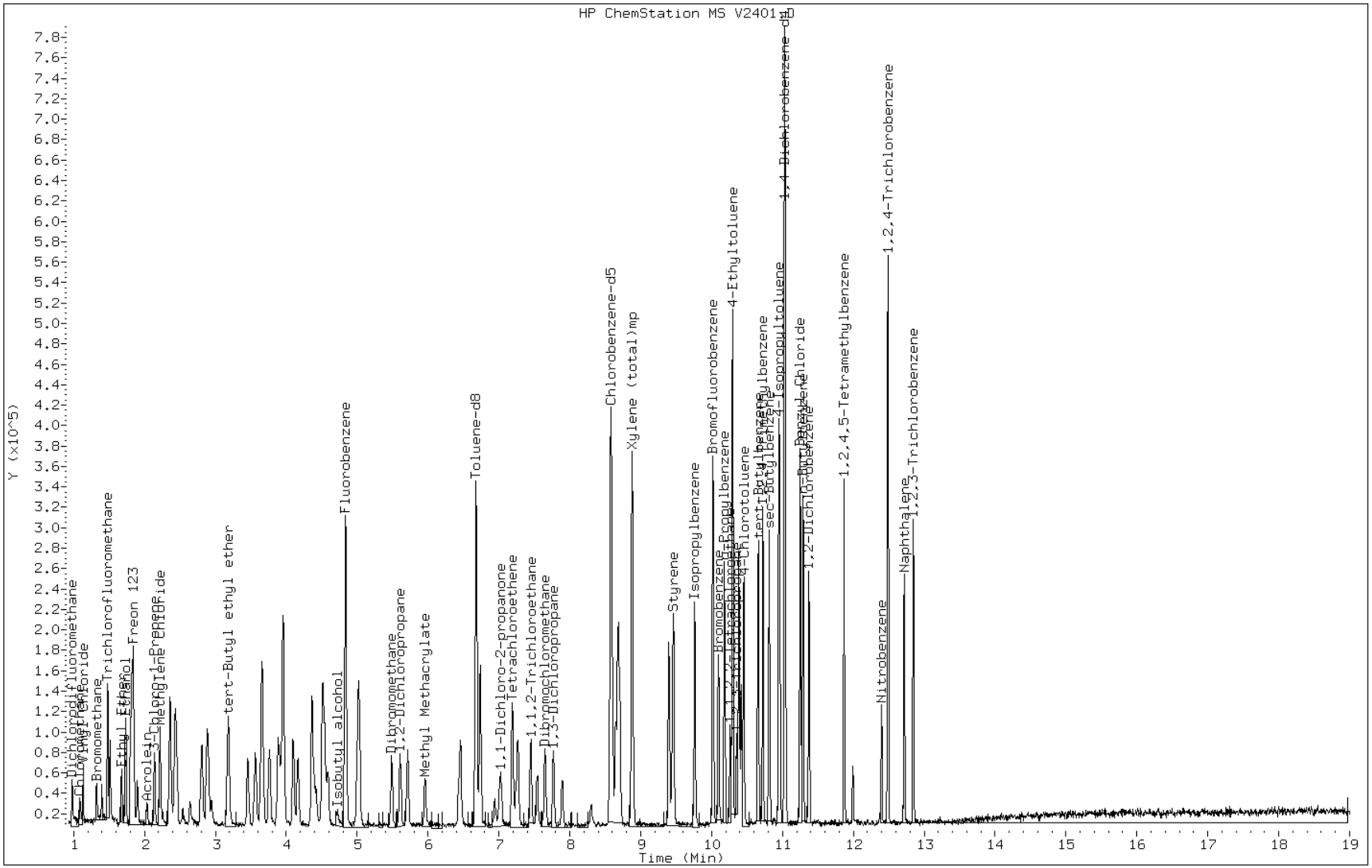
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V2401.D

Date: 20-JUL-2011 10:47

Client ID: LCS-639297 Instrument: msv.i

Sample Info: LCS-639297 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2401.D
Inj. Date and Time: 20-JUL-2011 10:47
Instrument ID: msv.i
Client ID: LCS-639297
Compound: 64 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 07/20/2011

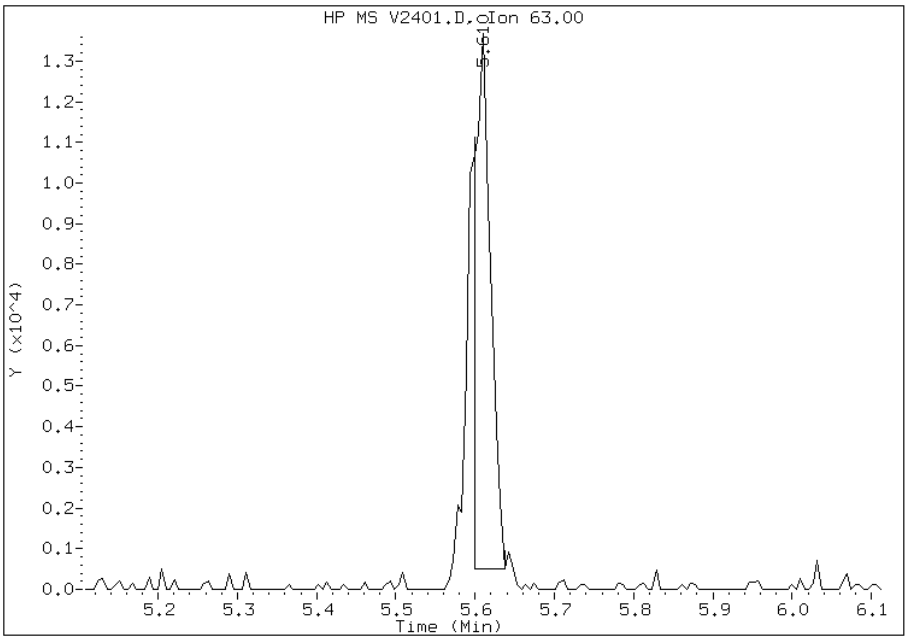
Processing Integration Results

RT: 5.61

Response: 17575

Amount: 6

Conc: 6



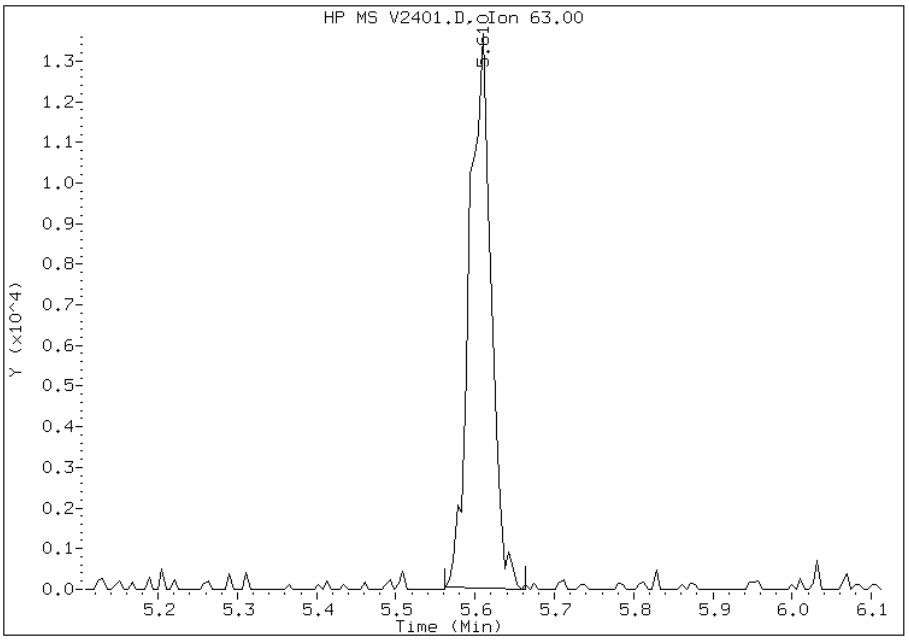
Manual Integration Results

RT: 5.61

Response: 25783

Amount: 9

Conc: 9



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53146/2

Matrix: Solid | Lab File ID: O4951.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 11:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

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

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-83-9	Bromomethane	26.3		5.0	2.1
75-15-0	Carbon disulfide	16.2		5.0	0.41
67-64-1	Acetone	19.6	J	20	2.2
75-00-3	Chloroethane	24.1		5.0	0.98
67-66-3	Chloroform	17.6		5.0	0.34
74-87-3	Chloromethane	18.1		5.0	0.78
75-34-3	1,1-Dichloroethane	19.7		5.0	0.30
56-23-5	Carbon tetrachloride	17.0		5.0	0.95
78-93-3	Methyl Ethyl Ketone	18.4		10	1.6
75-35-4	1,1-Dichloroethene	17.6		5.0	0.58
71-43-2	Benzene	17.9		5.0	0.57
107-06-2	1,2-Dichloroethane	19.2		5.0	0.58
78-87-5	1,2-Dichloropropane	19.1		5.0	0.67
75-27-4	Bromodichloromethane	16.7		5.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.5		5.0	0.56
10061-02-6	trans-1,3-Dichloropropene	18.1		5.0	0.27
75-09-2	Methylene Chloride	20.3		20	1.1
108-10-1	methyl isobutyl ketone	17.9		5.0	0.55
124-48-1	Dibromochloromethane	15.2		5.0	0.35
127-18-4	Tetrachloroethene	16.2		5.0	0.81
591-78-6	2-Hexanone	18.7		10	1.2
108-88-3	Toluene	17.5		5.0	0.074
71-55-6	1,1,1-Trichloroethane	17.6		5.0	0.53
108-90-7	Chlorobenzene	16.5		5.0	0.59
79-00-5	1,1,2-Trichloroethane	17.5		5.0	0.37
100-41-4	Ethylbenzene	16.4		5.0	0.70
100-42-5	Styrene	15.3		5.0	0.15
79-01-6	Trichloroethene	17.0		5.0	0.81
75-25-2	Bromoform	13.9		5.0	0.61
75-01-4	Vinyl chloride	18.3		5.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	18.1		5.0	0.52
1330-20-7	Xylenes, Total	49.1		5.0	0.49
156-59-2	cis-1,2-Dichloroethene	17.5		5.0	0.37
156-60-5	trans-1,2-Dichloroethene	17.4		5.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53146/2

Matrix: Solid Lab File ID: O4951.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 11:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1868-53-7	Dibromofluoromethane	84		59-123
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		59-132
2037-26-5	Toluene-d8 (Surr)	78		50-118
460-00-4	4-Bromofluorobenzene	84		34-124

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4951.D
Lab Smp Id: LCS-637159 Client Smp ID: LCS-637159
Inj Date : 20-JUL-2011 11:04 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : LCS-637159
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 32
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
* 1 Fluorobenzene	96	3.793	3.797	(1.000)	219832	25.0000	
2 Dichlorodifluoromethane	85	0.930	0.934	(0.245)	61790	14.5584	14
3 Chloromethane	50	1.008	1.013	(0.266)	141193	18.1027	18
4 Vinyl Chloride	62	1.048	1.042	(0.276)	110096	18.3423	18
5 Bromomethane	94	1.176	1.170	(0.310)	72823	26.2713	26
6 Chloroethane	64	1.225	1.219	(0.323)	63150	24.1116	24
7 Trichlorofluoromethane	101	1.284	1.278	(0.339)	109763	18.9929	19
8 Dichlorofluoromethane	67	1.294	1.298	(0.341)	165969	20.0604	20
9 Ethyl Ether	45	1.402	1.396	(0.370)	65426	20.9807	21
10 Ethanol	45	1.451	1.445	(0.383)	58689	238.589	240
12 Freon 123	67	1.500	1.505	(0.396)	25022	16.8135	17
13 Trichlorotrifluoroethane	101	1.510	1.505	(0.398)	76733	17.6485	18
14 1,1-Dichloroethene	96	1.500	1.505	(0.396)	63486	17.6353	18
15 Carbon Disulfide	76	1.530	1.524	(0.403)	278018	16.1789	16
16 Iodomethane	142	1.579	1.573	(0.416)	92040	15.2085	15
17 Acrolein	56	1.648	1.652	(0.435)	53299	54.9490	55(R)
18 2-Propanol	45	1.717	1.711	(0.453)	21923	17.9103	18
19 3-Chloro-1-Propene	41	1.717	1.711	(0.453)	192728	19.5069	20
20 Methylene Chloride	84	1.766	1.770	(0.466)	114997	20.2857	20
21 Acetone	43	1.786	1.790	(0.471)	67585	19.6036	20
22 trans-1,2-Dichloroethene	96	1.855	1.859	(0.489)	78314	17.4447	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	1.845	1.849	(0.486)	583803	21.2221	21
	24 Methyl tert-Butyl Ether	73	1.904	1.898	(0.502)	243085	18.1330	18
	25 tert-Butyl alcohol	59	1.943	1.937	(0.512)	76610	89.7051	90
	26 Acetonitrile	41	2.051	2.046	(0.541)	152752	182.789	180
	27 Isopropyl ether	45	2.110	2.105	(0.556)	427713	19.9029	20
	28 tert-Butyl ethyl ether	59	2.347	2.341	(0.619)	318936	18.7988	19
	29 2-Chloro-1,3-Butadiene	88	2.189	2.193	(0.577)	72189	15.9984	16
	30 Acrylonitrile	53	2.238	2.233	(0.590)	92367	37.2427	37
	31 1,1-Dichloroethane	63	2.209	2.203	(0.582)	179575	19.6736	20
	32 Vinyl Acetate	43	2.356	2.351	(0.621)	218732	14.3453	14
	33 cis-1,2-Dichloroethene	96	2.573	2.577	(0.678)	89609	17.5213	18
	34 2,2-Dichloropropane	77	2.661	2.656	(0.702)	130797	17.7096	18
	35 Bromochloromethane	128	2.730	2.734	(0.720)	41690	16.9916	17
	37 Cyclohexane	84	2.740	2.744	(0.722)	127781	17.1780	17(R)
	38 Chloroform	83	2.789	2.793	(0.735)	154776	17.5870	18
	39 Ethyl Acetate	43	2.898	2.892	(0.764)	14102	32.4944	32
	40 Methyl Acrylate	55	2.898	2.892	(0.764)	96275	18.4422	18
$	41 Dibromofluoromethane	111	2.947	2.951	(0.777)	103274	20.9200	21
	42 Tetrahydrofuran	42	2.927	2.921	(0.772)	92461	39.9863	40
	43 Carbon Tetrachloride	117	2.907	2.911	(0.767)	100809	16.9957	17
	44 1,1,1-Trichloroethane	97	2.966	2.971	(0.782)	110573	17.6360	18
	45 2-Butanone	43	3.055	3.059	(0.805)	76163	18.4378	18
	46 1,1-Dichloropropene	75	3.085	3.079	(0.813)	125043	18.0478	18
	47 tert-Amyl methyl ether	73	3.449	3.453	(0.909)	259453	18.4036	18
	49 1-Chlorobutane	56	3.134	3.128	(0.826)	201211	18.8028	19
	51 Propionitrile	54	3.340	3.344	(0.881)	162478	191.856	190
	52 Benzene	78	3.321	3.325	(0.876)	338293	17.9366	18
	53 2-Methyl-2-Propenenitrile	41	3.360	3.364	(0.886)	80448	19.0550	19
	54 Isobutyl alcohol	42	3.606	3.590	(0.951)	42643	82.0924	82
$	55 1,2-Dichloroethane-d4	65	3.468	3.462	(0.914)	120390	22.3609	22
	56 1,2-Dichloroethane	62	3.537	3.541	(0.933)	116315	19.1556	19
	59 Methyl Cyclohexane	83	3.990	3.994	(1.052)	145054	17.2827	17
	60 Trichloroethene	130	4.019	4.013	(1.060)	72625	16.9949	17
	63 Dibromomethane	93	4.541	4.545	(1.197)	57822	17.3433	17
	64 1,2-Dichloropropane	63	4.659	4.663	(1.228)	104676	19.0755	19
	65 Bromodichloromethane	83	4.767	4.771	(1.257)	110857	16.6558	17
	66 Methyl Methacrylate	69	4.993	4.988	(1.316)	71920	17.3269	17(R)
	67 1,4-Dioxane	58	5.023	5.007	(1.324)	7742	135.389	140
	69 2-Chloroethylvinylether	63	5.456	5.460	(1.438)	56284	17.6590	18
	70 cis-1,3-Dichloropropene	75	5.485	5.489	(1.446)	142328	17.5442	18
	71 Chloroacetonitrile	48	5.918	5.922	(1.560)	47484	173.199	170(R)
	72 2-Nitropropane	41	5.977	5.971	(1.576)	58082	40.0811	40
	73 trans-1,3-Dichloropropene	75	6.184	6.188	(1.630)	128672	18.0798	18
	74 1,1,2-Trichloroethane	97	6.341	6.335	(1.672)	68580	17.4613	17
*	75 Chlorobenzene-d5	117	7.207	7.201	(1.000)	156427	25.0000	
	76 Toluene	91	5.731	5.735	(0.795)	325433	17.4522	17
$	77 Toluene-d8	98	5.682	5.686	(0.788)	319036	19.6148	20
	78 1,1-Dichloro-2-propanone	43	5.987	5.991	(0.831)	353920	94.1054	94(M)
	79 4-Methyl-2-Pentanone	43	6.154	6.158	(0.854)	133237	17.9121	18
	80 Tetrachloroethene	164	6.135	6.129	(0.851)	53791	16.2164	16
	81 Ethyl Methacrylate	69	6.390	6.394	(0.887)	106948	16.3393	16
	82 Dibromochloromethane	129	6.499	6.503	(0.902)	74844	15.2178	15
	83 1,3-Dichloropropane	76	6.597	6.591	(0.915)	137637	17.2915	17
	84 1,2-Dibromoethane	107	6.705	6.700	(0.930)	74227	15.9035	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	86 2-Hexanone	43	6.991	6.985	(0.970)	106238	18.6931	19
	87 1-Chlorohexane	91	7.246	7.250	(1.005)	126207	14.8593	15(M)
	88 Chlorobenzene	112	7.217	7.221	(1.001)	192383	16.4848	16
	89 1,1,1,2-Tetrachloroethane	131	7.296	7.290	(1.012)	64633	15.8840	16
	90 Ethylbenzene	106	7.266	7.270	(1.008)	98995	16.3776	16
	91 Xylene (total)mp	106	7.414	7.408	(1.029)	250553	32.9357	33
	92 Xylene (total)o	106	7.797	7.792	(1.082)	118654	16.1948	16
	93 Styrene	104	7.847	7.841	(1.089)	186813	15.2812	15
	94 Bromoform	173	7.847	7.851	(1.089)	43627	13.8934	14
*	95 1,4-Dichlorobenzene-d4	152	9.303	9.307	(1.000)	68353	25.0000	
	96 Isopropylbenzene	105	8.083	8.087	(0.869)	275325	16.9963	17
	97 Bromobenzene	156	8.398	8.402	(0.903)	71644	16.8697	17
	98 1,1,2,2-Tetrachloroethane	83	8.535	8.530	(0.918)	112110	18.0622	18
	99 4-Ethyltoluene	105	8.555	8.559	(0.920)	297199	17.4750	17
	100 1,2,3-Trichloropropane	110	8.624	8.628	(0.927)	24564	17.4792	17
	101 trans-1,4-Dichloro-2-Butene	53	8.683	8.677	(0.933)	58052	36.7212	37
	102 n-Propylbenzene	91	8.457	8.451	(0.909)	413583	18.2758	18
	103 2-Chlorotoluene	91	8.575	8.569	(0.922)	270093	18.2856	18
	104 4-Chlorotoluene	91	8.722	8.726	(0.938)	240788	17.7957	18
	105 1,3,5-Trimethylbenzene	105	8.644	8.638	(0.929)	249960	17.5083	18
	106 tert-Butylbenzene	119	8.909	8.913	(0.958)	202905	17.3175	17
	107 1,2,4-Trimethylbenzene	105	8.978	8.972	(0.965)	244039	17.0890	17
	108 sec-Butylbenzene	105	9.067	9.061	(0.975)	338232	17.4214	17
	109 4-Isopropyltoluene	119	9.204	9.199	(0.989)	247381	16.8129	17
	110 1,3-Dichlorobenzene	146	9.234	9.238	(0.993)	126956	16.8756	17
	111 1,4-Dichlorobenzene	146	9.313	9.317	(1.001)	125680	16.6910	17
	112 1,2-Dichlorobenzene	146	9.677	9.671	(1.040)	119157	16.8770	17
	113 Benzyl Chloride	126	9.539	9.543	(1.025)	24116	14.2779	14(R)
	114 1,4-Diethylbenzene	119	9.519	9.523	(1.023)	120826	16.8851	17
	115 n-Butylbenzene	91	9.568	9.572	(1.029)	319116	18.1857	18
	118 1,2,4,5-Tetramethylbenzene	119	10.228	10.222	(1.099)	191055	16.1396	16
	119 1,2-Dibromo-3-chloropropane	75	10.375	10.379	(1.115)	13748	15.9612	16
	120 Nitrobenzene	77	10.867	10.861	(1.168)	19666	71.0203	71(R)
	121 1,2,4-Trichlorobenzene	180	10.975	10.970	(1.180)	58683	15.3564	15
	122 Hexachlorobutadiene	225	10.966	10.970	(1.179)	37064	16.7841	17
	123 Naphthalene	128	11.251	11.245	(1.209)	122311	14.4228	14
	124 1,2,3-Trichlorobenzene	180	11.408	11.412	(1.226)	51891	15.2845	15
$	125 Bromofluorobenzene	95	8.319	8.323	(0.894)	119927	21.0215	21
M	126 1,2-Dichloroethene (total)	100				167923	34.9660	35
M	127 Xylene (total)	100				369207	49.1306	49

QC Flag Legend

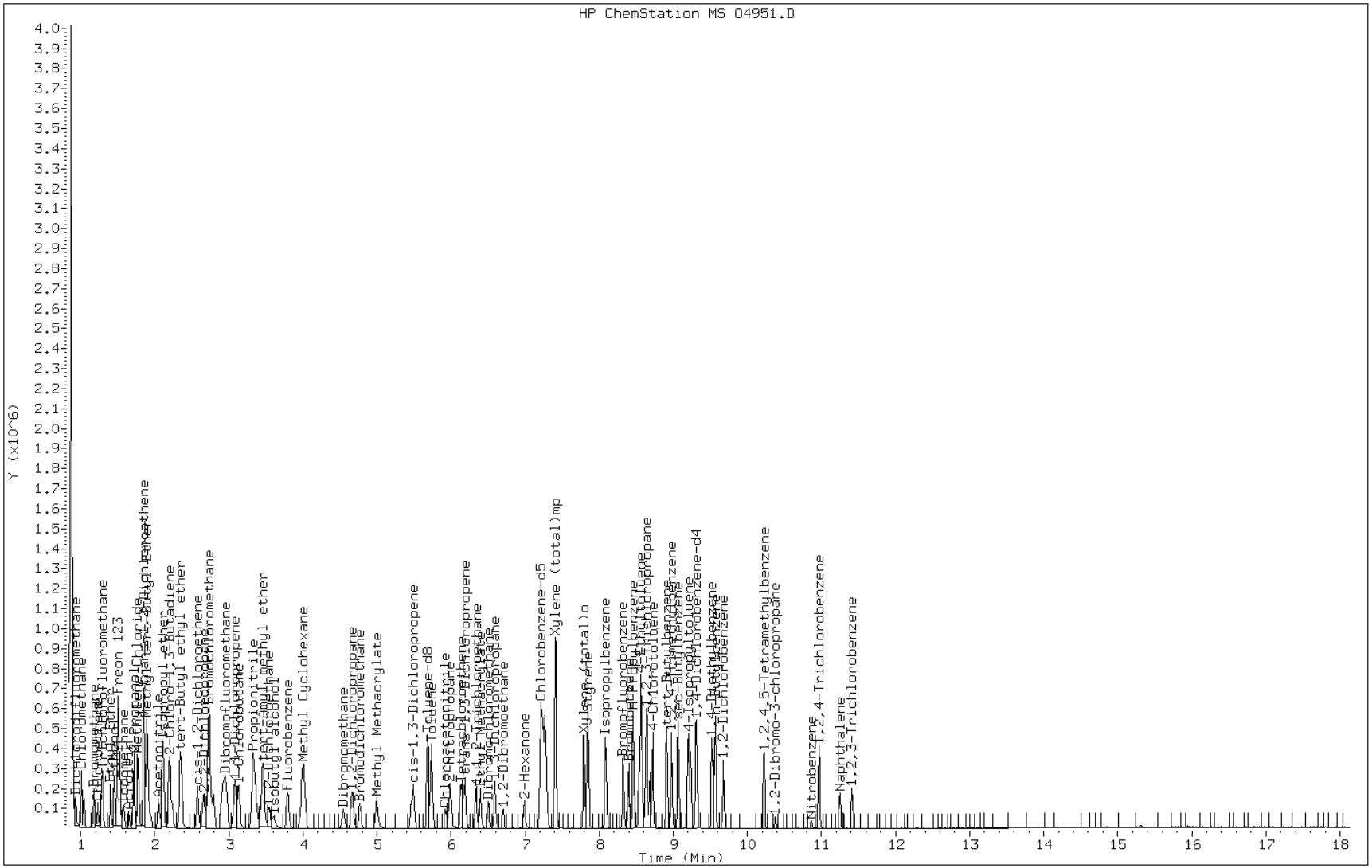
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: O4951.D

Date: 20-JUL-2011 11:04

Client ID: LCS-637159 Instrument: mso.i

Sample Info: LCS-637159 Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS | Lab Sample ID: 220-16030-6 MS

Matrix: Solid | Lab File ID: O4958.D

Analysis Method: 8260B | Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	62.4		25	2.8
71-43-2	Benzene	57.9		6.2	0.70
75-27-4	Bromodichloromethane	55.5		6.2	0.37
75-25-2	Bromoform	46.6		6.2	0.75
74-83-9	Bromomethane	64.8		6.2	2.6
78-93-3	Methyl Ethyl Ketone	61.1		12	2.0
75-15-0	Carbon disulfide	51.2		6.2	0.50
56-23-5	Carbon tetrachloride	49.1		6.2	1.2
108-90-7	Chlorobenzene	51.3		6.2	0.73
75-00-3	Chloroethane	76.9		6.2	1.2
67-66-3	Chloroform	58.1		6.2	0.42
74-87-3	Chloromethane	61.2		6.2	0.96
124-48-1	Dibromochloromethane	48.3		6.2	0.43
75-34-3	1,1-Dichloroethane	64.2		6.2	0.37
107-06-2	1,2-Dichloroethane	65.7		6.2	0.71
75-35-4	1,1-Dichloroethene	54.1		6.2	0.71
78-87-5	1,2-Dichloropropane	62.7		6.2	0.82
10061-01-5	cis-1,3-Dichloropropene	58.8		6.2	0.69
10061-02-6	trans-1,3-Dichloropropene	58.4		6.2	0.33
100-41-4	Ethylbenzene	52.3		6.2	0.86
591-78-6	2-Hexanone	57.1		12	1.5
75-09-2	Methylene Chloride	57.8		25	1.3
108-10-1	methyl isobutyl ketone	57.9		6.2	0.68
100-42-5	Styrene	49.3		6.2	0.18
79-34-5	1,1,2,2-Tetrachloroethane	53.0		6.2	0.64
127-18-4	Tetrachloroethene	50.9		6.2	1.0
108-88-3	Toluene	52.6		6.2	0.091
71-55-6	1,1,1-Trichloroethane	57.6		6.2	0.65
79-00-5	1,1,2-Trichloroethane	57.9		6.2	0.46
79-01-6	Trichloroethene	56.3		6.2	1.0
75-01-4	Vinyl chloride	60.3		6.2	0.28
1330-20-7	Xylenes, Total	158		6.2	0.60
156-59-2	cis-1,2-Dichloroethene	55.3		6.2	0.46
156-60-5	trans-1,2-Dichloroethene	55.3		6.2	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS Lab Sample ID: 220-16030-6 MS

Matrix: Solid Lab File ID: O4958.D

Analysis Method: 8260B Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 15:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		59-132
460-00-4	4-Bromofluorobenzene	73		34-124
1868-53-7	Dibromofluoromethane	77		59-123
2037-26-5	Toluene-d8 (Surr)	71		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4958.D
Lab Smp Id: 220-16030-A-6 MS
Inj Date : 20-JUL-2011 15:05 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-6 MS
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 36
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
* 1	Fluorobenzene	96	3.793	3.797	(1.000)	184103	25.0000	
2	Dichlorodifluoromethane	85	0.930	0.934	(0.245)	139347	39.2033	39
3	Chloromethane	50	1.009	1.013	(0.266)	324555	49.6877	50
4	Vinyl Chloride	62	1.048	1.042	(0.276)	246209	48.9796	49
5	Bromomethane	94	1.176	1.170	(0.310)	122203	52.6411	53
6	Chloroethane	64	1.225	1.219	(0.323)	137065	62.4899	62
7	Trichlorofluoromethane	101	1.284	1.278	(0.339)	246943	51.0224	51
8	Dichlorofluoromethane	67	1.294	1.298	(0.341)	372986	53.8315	54
9	Ethyl Ether	45	1.402	1.396	(0.370)	140597	53.8363	54
10	Ethanol	45	1.451	1.445	(0.383)	137407	667.010	670
12	Freon 123	67	1.501	1.505	(0.396)	56324	45.1919	45
13	Trichlorotrifluoroethane	101	1.510	1.505	(0.398)	168521	46.2817	46
14	1,1-Dichloroethene	96	1.501	1.505	(0.396)	132445	43.9309	44
15	Carbon Disulfide	76	1.530	1.524	(0.403)	598480	41.5868	42
16	Iodomethane	142	1.579	1.573	(0.416)	213017	42.0295	42
17	Acrolein	56	1.648	1.652	(0.435)	105088	129.367	130(R)
18	2-Propanol	45	1.707	1.711	(0.450)	50630	49.3903	49
19	3-Chloro-1-Propene	41	1.717	1.711	(0.453)	429017	51.8498	52
20	Methylene Chloride	84	1.766	1.770	(0.466)	223019	46.9759	47
21	Acetone	43	1.786	1.790	(0.471)	146278	50.6633	51
22	trans-1,2-Dichloroethene	96	1.855	1.859	(0.489)	168969	44.9429	45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	1.845	1.849	(0.486)	1280450	55.5794	56
	24 Methyl tert-Butyl Ether	73	1.894	1.898	(0.499)	533033	47.4782	47
	25 tert-Butyl alcohol	59	1.934	1.937	(0.510)	171343	239.568	240
	26 Acetonitrile	41	2.042	2.046	(0.538)	342078	488.785	490
	27 Isopropyl ether	45	2.101	2.105	(0.554)	941986	52.3407	52
	28 tert-Butyl ethyl ether	59	2.337	2.341	(0.616)	717200	50.4775	50
	29 2-Chloro-1,3-Butadiene	88	2.189	2.193	(0.577)	159934	42.3230	42
	30 Acrylonitrile	53	2.229	2.233	(0.588)	212010	102.073	100
	31 1,1-Dichloroethane	63	2.199	2.203	(0.580)	398441	52.1234	52
	32 Vinyl Acetate	43	2.357	2.351	(0.621)	477084	37.3613	37
	33 cis-1,2-Dichloroethene	96	2.573	2.577	(0.678)	192211	44.8769	45
	34 2,2-Dichloropropane	77	2.652	2.656	(0.699)	292101	47.2252	47
	35 Bromochloromethane	128	2.730	2.734	(0.720)	92018	44.7822	45
	37 Cyclohexane	84	2.740	2.744	(0.722)	278477	44.7020	45(R)
	38 Chloroform	83	2.789	2.793	(0.735)	347734	47.1809	47
	39 Ethyl Acetate	43	2.888	2.892	(0.761)	28889	79.4860	79
	40 Methyl Acrylate	55	2.888	2.892	(0.761)	216233	49.4595	49
$	41 Dibromofluoromethane	111	2.947	2.951	(0.777)	79740	19.2876	19
	42 Tetrahydrofuran	42	2.917	2.921	(0.769)	190990	98.6263	99
	43 Carbon Tetrachloride	117	2.908	2.911	(0.767)	198245	39.9091	40(R)
	44 1,1,1-Trichloroethane	97	2.967	2.971	(0.782)	245422	46.7406	47
	45 2-Butanone	43	3.055	3.059	(0.805)	171614	49.6077	50
	46 1,1-Dichloropropene	75	3.075	3.079	(0.811)	279507	48.1713	48
	47 tert-Amyl methyl ether	73	3.449	3.453	(0.909)	572335	48.4757	48
	49 1-Chlorobutane	56	3.124	3.128	(0.824)	454096	50.6697	51
	51 Propionitrile	54	3.340	3.344	(0.881)	344378	485.564	480
	52 Benzene	78	3.321	3.325	(0.876)	742765	47.0251	47
	53 2-Methyl-2-Propenenitrile	41	3.360	3.364	(0.886)	183635	51.9372	52
	54 Isobutyl alcohol	42	3.586	3.590	(0.946)	90698	208.489	210
$	55 1,2-Dichloroethane-d4	65	3.459	3.462	(0.912)	96432	21.3870	21
	56 1,2-Dichloroethane	62	3.537	3.541	(0.933)	271312	53.3530	53
	59 Methyl Cyclohexane	83	3.990	3.994	(1.052)	316032	44.9618	45
	60 Trichloroethene	130	4.010	4.013	(1.057)	163772	45.7618	46
	63 Dibromomethane	93	4.541	4.545	(1.197)	129152	46.2561	46
	64 1,2-Dichloropropane	63	4.659	4.663	(1.228)	233995	50.9173	51
	65 Bromodichloromethane	83	4.767	4.771	(1.257)	251449	45.1110	45
	66 Methyl Methacrylate	69	4.984	4.988	(1.314)	162985	46.8867	47(R)
	67 1,4-Dioxane	58	5.003	5.007	(1.319)	19809	413.641	410
	69 2-Chloroethylvinylether	63	5.456	5.460	(1.438)	133888	50.1595	50
	70 cis-1,3-Dichloropropene	75	5.485	5.489	(1.446)	324552	47.7702	48
	71 Chloroacetonitrile	48	5.918	5.922	(1.560)	110318	480.479	480(R)
	72 2-Nitropropane	41	5.967	5.971	(1.573)	129896	107.034	110
	73 trans-1,3-Dichloropropene	75	6.184	6.188	(1.630)	282499	47.3977	47
	74 1,1,2-Trichloroethane	97	6.332	6.335	(1.669)	154668	47.0230	47
*	75 Chlorobenzene-d5	117	7.207	7.201	(1.000)	136818	25.0000	
	76 Toluene	91	5.731	5.735	(0.795)	697075	42.7402	43
$	77 Toluene-d8	98	5.682	5.686	(0.788)	250842	17.6324	18
	78 1,1-Dichloro-2-propanone	43	5.987	5.991	(0.831)	783383	238.151	240
	79 4-Methyl-2-Pentanone	43	6.154	6.158	(0.854)	305981	47.0310	47
	80 Tetrachloroethene	164	6.125	6.129	(0.850)	119972	41.3517	41
	81 Ethyl Methacrylate	69	6.391	6.394	(0.887)	248800	43.4591	43
	82 Dibromochloromethane	129	6.499	6.503	(0.902)	168865	39.2557	39
	83 1,3-Dichloropropane	76	6.587	6.591	(0.914)	310704	44.6286	45
	84 1,2-Dibromoethane	107	6.696	6.700	(0.929)	167168	40.9498	41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
86	2-Hexanone	43	6.991	6.985	(0.970)	230580	46.3865	46
87	1-Chlorohexane	91	7.247	7.250	(1.005)	301735	40.6172	41(M)
88	Chlorobenzene	112	7.217	7.221	(1.001)	425660	41.7013	42
89	1,1,1,2-Tetrachloroethane	131	7.286	7.290	(1.011)	145010	40.7449	41
90	Ethylbenzene	106	7.266	7.270	(1.008)	224686	42.4992	42
91	Xylene (total)mp	106	7.404	7.408	(1.027)	567039	85.2214	85
92	Xylene (total)o	106	7.788	7.792	(1.081)	274583	42.8486	43
93	Styrene	104	7.847	7.841	(1.089)	428514	40.0759	40
94	Bromoform	173	7.847	7.851	(1.089)	103853	37.8130	38
* 95	1,4-Dichlorobenzene-d4	152	9.303	9.307	(1.000)	64309	25.0000	
96	Isopropylbenzene	105	8.083	8.087	(0.869)	648326	42.5389	42
97	Bromobenzene	156	8.398	8.402	(0.903)	162169	40.5865	40
98	1,1,2,2-Tetrachloroethane	83	8.535	8.530	(0.918)	251480	43.0641	43
99	4-Ethyltoluene	105	8.555	8.559	(0.920)	697155	43.5697	44
100	1,2,3-Trichloropropane	110	8.624	8.628	(0.927)	56508	42.7384	43
101	trans-1,4-Dichloro-2-Butene	53	8.683	8.677	(0.933)	135474	91.0837	91
102	n-Propylbenzene	91	8.457	8.451	(0.909)	940137	44.1560	44
103	2-Chlorotoluene	91	8.575	8.569	(0.922)	615002	44.2546	44
104	4-Chlorotoluene	91	8.722	8.726	(0.938)	538716	42.3180	42
105	1,3,5-Trimethylbenzene	105	8.644	8.638	(0.929)	567114	42.2211	42
106	tert-Butylbenzene	119	8.909	8.913	(0.958)	461161	41.8341	42
107	1,2,4-Trimethylbenzene	105	8.978	8.972	(0.965)	567740	42.2565	42
108	sec-Butylbenzene	105	9.067	9.061	(0.975)	781531	42.7859	43
109	4-Isopropyltoluene	119	9.205	9.199	(0.989)	581063	41.9744	42
110	1,3-Dichlorobenzene	146	9.234	9.238	(0.993)	288654	40.7820	41
111	1,4-Dichlorobenzene	146	9.313	9.317	(1.001)	294111	41.5158	42
112	1,2-Dichlorobenzene	146	9.677	9.671	(1.040)	278130	41.8707	42
113	Benzyl Chloride	126	9.539	9.543	(1.025)	61823	38.9040	39
114	1,4-Diethylbenzene	119	9.519	9.523	(1.023)	286112	42.4977	42
115	n-Butylbenzene	91	9.569	9.572	(1.029)	750734	45.4729	45
118	1,2,4,5-Tetramethylbenzene	119	10.228	10.222	(1.099)	481477	43.2311	43
119	1,2-Dibromo-3-chloropropane	75	10.375	10.379	(1.115)	34535	42.6158	43
120	Nitrobenzene	77	10.867	10.861	(1.168)	73232	281.095	280(R)
121	1,2,4-Trichlorobenzene	180	10.976	10.970	(1.180)	159841	44.4582	44
122	Hexachlorobutadiene	225	10.966	10.970	(1.179)	88416	42.5561	42
123	Naphthalene	128	11.251	11.245	(1.209)	343453	43.0466	43
124	1,2,3-Trichlorobenzene	180	11.408	11.412	(1.226)	137742	43.1232	43
$ 125	Bromofluorobenzene	95	8.319	8.323	(0.894)	97890	18.2377	18
M 126	1,2-Dichloroethene (total)	100				361180	89.8198	90
M 127	Xylene (total)	100				841622	128.070	130

QC Flag Legend

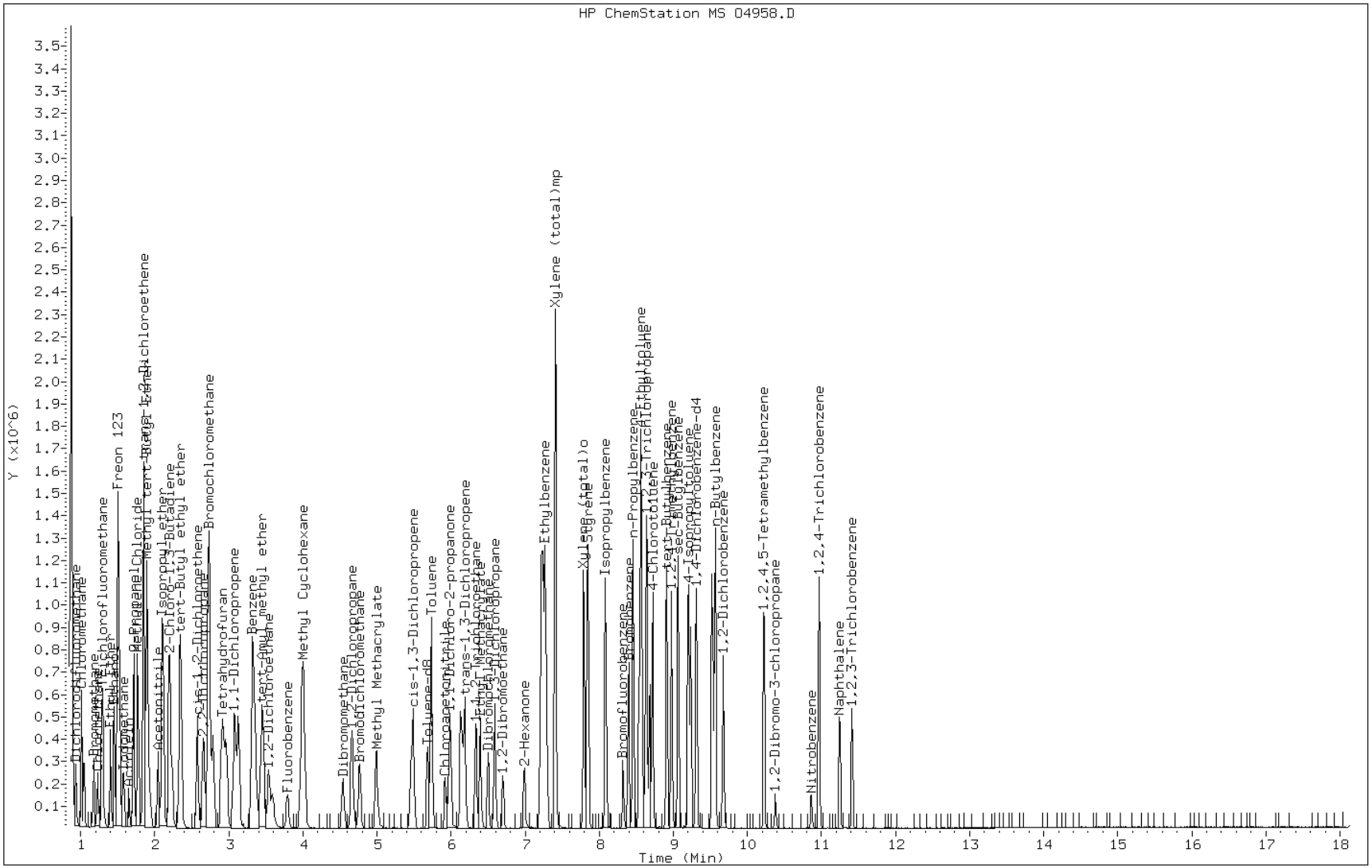
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: O4958.D

Date: 20-JUL-2011 15:05

Client ID: Instrument: mso.i

Sample Info: 220-16030-A-6 MS Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: O4959.D

Analysis Method: 8260B | Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) | Date Analyzed: 07/20/2011 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 53146 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	65.9		25	2.8
71-43-2	Benzene	58.9		6.2	0.70
75-27-4	Bromodichloromethane	53.9		6.2	0.37
75-25-2	Bromoform	48.2		6.2	0.75
74-83-9	Bromomethane	64.1		6.2	2.6
78-93-3	Methyl Ethyl Ketone	59.2		12	2.0
75-15-0	Carbon disulfide	52.0		6.2	0.50
56-23-5	Carbon tetrachloride	57.0		6.2	1.2
108-90-7	Chlorobenzene	52.3		6.2	0.73
75-00-3	Chloroethane	80.6		6.2	1.2
67-66-3	Chloroform	59.6		6.2	0.42
74-87-3	Chloromethane	61.3		6.2	0.96
124-48-1	Dibromochloromethane	48.9		6.2	0.43
75-34-3	1,1-Dichloroethane	63.3		6.2	0.37
107-06-2	1,2-Dichloroethane	63.0		6.2	0.71
75-35-4	1,1-Dichloroethene	57.0		6.2	0.71
78-87-5	1,2-Dichloropropane	62.8		6.2	0.82
10061-01-5	cis-1,3-Dichloropropene	57.4		6.2	0.69
10061-02-6	trans-1,3-Dichloropropene	58.2		6.2	0.33
100-41-4	Ethylbenzene	51.8		6.2	0.86
591-78-6	2-Hexanone	59.3		12	1.5
75-09-2	Methylene Chloride	57.3		25	1.3
108-10-1	methyl isobutyl ketone	59.6		6.2	0.68
100-42-5	Styrene	50.3		6.2	0.18
79-34-5	1,1,2,2-Tetrachloroethane	55.1		6.2	0.64
127-18-4	Tetrachloroethene	52.3		6.2	1.0
108-88-3	Toluene	53.7		6.2	0.091
71-55-6	1,1,1-Trichloroethane	58.3		6.2	0.65
79-00-5	1,1,2-Trichloroethane	56.6		6.2	0.46
79-01-6	Trichloroethene	57.0		6.2	1.0
75-01-4	Vinyl chloride	62.1		6.2	0.28
1330-20-7	Xylenes, Total	158		6.2	0.60
156-59-2	cis-1,2-Dichloroethene	58.2		6.2	0.46
156-60-5	trans-1,2-Dichloroethene	57.0		6.2	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD Lab Sample ID: 220-16030-6 MSD

Matrix: Solid Lab File ID: O4959.D

Analysis Method: 8260B Date Collected: 07/14/2011 23:30

Sample wt/vol: 5(g) Date Analyzed: 07/20/2011 15:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 18.8 Level: (low/med) Low

Analysis Batch No.: 53146 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		59-132
460-00-4	4-Bromofluorobenzene	76		34-124
1868-53-7	Dibromofluoromethane	82		59-123
2037-26-5	Toluene-d8 (Surr)	75		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O114949.b\O4959.D
Lab Smp Id: 220-16030-A-6 MSD
Inj Date : 20-JUL-2011 15:31 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-16030-A-6 MSD
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O114949.b\O8260BNS.m
Meth Date : 20-Jul-2011 10:35 dave Quant Type: ISTD
Cal Date : 23-JUN-2011 17:14 Cal File: O4519.D
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
* 1 Fluorobenzene	96	3.793	3.797	(1.000)	189523	25.0000	
2 Dichlorodifluoromethane	85	0.930	0.934	(0.245)	146396	40.0085	40
3 Chloromethane	50	1.009	1.013	(0.266)	334855	49.7985	50
4 Vinyl Chloride	62	1.039	1.042	(0.274)	261070	50.4507	50
5 Bromomethane	94	1.176	1.170	(0.310)	124384	52.0483	52
6 Chloroethane	64	1.225	1.219	(0.323)	147711	65.4177	65
7 Trichlorofluoromethane	101	1.285	1.278	(0.339)	259419	52.0673	52
8 Dichlorofluoromethane	67	1.294	1.298	(0.341)	388356	54.4468	54
9 Ethyl Ether	45	1.403	1.396	(0.370)	144307	53.6767	54
10 Ethanol	45	1.452	1.445	(0.383)	137864	650.089	650
12 Freon 123	67	1.501	1.505	(0.396)	61277	47.7599	48
13 Trichlorotrifluoroethane	101	1.511	1.505	(0.398)	177759	47.4227	47
14 1,1-Dichloroethene	96	1.501	1.505	(0.396)	143637	46.2807	46
15 Carbon Disulfide	76	1.530	1.524	(0.404)	625876	42.2467	42
16 Iodomethane	142	1.570	1.573	(0.414)	232183	44.5009	44
17 Acrolein	56	1.649	1.652	(0.435)	111664	133.531	130(R)
18 2-Propanol	45	1.708	1.711	(0.450)	55512	52.6041	53
19 3-Chloro-1-Propene	41	1.717	1.711	(0.453)	431902	50.7057	51
20 Methylene Chloride	84	1.767	1.770	(0.466)	227235	46.4952	46
21 Acetone	43	1.786	1.790	(0.471)	159114	53.5331	54
22 trans-1,2-Dichloroethene	96	1.855	1.859	(0.489)	179081	46.2703	46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	1.845	1.849	(0.487)	1351172	56.9719	57
	24 Methyl tert-Butyl Ether	73	1.895	1.898	(0.499)	551701	47.7357	48
	25 tert-Butyl alcohol	59	1.934	1.937	(0.510)	184443	250.509	250
	26 Acetonitrile	41	2.042	2.046	(0.538)	376933	523.185	520
	27 Isopropyl ether	45	2.101	2.105	(0.554)	957415	51.6766	52
	28 tert-Butyl ethyl ether	59	2.337	2.341	(0.616)	727759	49.7558	50
	29 2-Chloro-1,3-Butadiene	88	2.190	2.193	(0.577)	169232	43.5028	44
	30 Acrylonitrile	53	2.229	2.233	(0.588)	220400	103.078	100
	31 1,1-Dichloroethane	63	2.200	2.203	(0.580)	404468	51.3987	51
	32 Vinyl Acetate	43	2.357	2.351	(0.621)	498800	37.9448	38
	33 cis-1,2-Dichloroethene	96	2.573	2.577	(0.678)	208560	47.3014	47
	34 2,2-Dichloropropane	77	2.652	2.656	(0.699)	301802	47.3982	47
	35 Bromochloromethane	128	2.731	2.734	(0.720)	94699	44.7689	45
	37 Cyclohexane	84	2.741	2.744	(0.723)	295039	46.0061	46
	38 Chloroform	83	2.790	2.793	(0.735)	367170	48.3933	48
	39 Ethyl Acetate	43	2.888	2.892	(0.761)	31027	82.9272	83
	40 Methyl Acrylate	55	2.888	2.892	(0.761)	226043	50.2248	50
$	41 Dibromofluoromethane	111	2.947	2.951	(0.777)	87127	20.4716	20
	42 Tetrahydrofuran	42	2.918	2.921	(0.769)	202898	101.779	100
	43 Carbon Tetrachloride	117	2.908	2.911	(0.767)	236774	46.3024	46
	44 1,1,1-Trichloroethane	97	2.967	2.971	(0.782)	255959	47.3533	47
	45 2-Butanone	43	3.056	3.059	(0.805)	171093	48.0427	48
	46 1,1-Dichloropropene	75	3.075	3.079	(0.811)	287979	48.2120	48
	47 tert-Amyl methyl ether	73	3.449	3.453	(0.909)	576046	47.3947	47
	49 1-Chlorobutane	56	3.124	3.128	(0.824)	470251	50.9717	51
	51 Propionitrile	54	3.341	3.344	(0.881)	367817	503.781	500
	52 Benzene	78	3.321	3.325	(0.876)	777656	47.8260	48
	53 2-Methyl-2-Propenenitrile	41	3.361	3.364	(0.886)	192704	52.9435	53
	54 Isobutyl alcohol	42	3.587	3.590	(0.946)	102974	229.938	230
$	55 1,2-Dichloroethane-d4	65	3.459	3.462	(0.912)	101153	21.7924	22
	56 1,2-Dichloroethane	62	3.538	3.541	(0.933)	267829	51.1619	51
	59 Methyl Cyclohexane	83	3.990	3.994	(1.052)	336585	46.5164	46
	60 Trichloroethene	130	4.010	4.013	(1.057)	170617	46.3110	46
	63 Dibromomethane	93	4.541	4.545	(1.197)	132842	46.2171	46
	64 1,2-Dichloropropane	63	4.659	4.663	(1.228)	241306	51.0065	51
	65 Bromodichloromethane	83	4.758	4.771	(1.254)	251067	43.7544	44
	66 Methyl Methacrylate	69	4.984	4.988	(1.314)	168416	47.0635	47(R)
	67 1,4-Dioxane	58	5.013	5.007	(1.322)	21750	441.184	440
	69 2-Chloroethylvinylether	63	5.446	5.460	(1.436)	139001	50.5858	50
	70 cis-1,3-Dichloropropene	75	5.486	5.489	(1.446)	326016	46.6134	47
	71 Chloroacetonitrile	48	5.909	5.922	(1.558)	116945	494.776	490(R)
	72 2-Nitropropane	41	5.968	5.971	(1.573)	136534	109.287	110
	73 trans-1,3-Dichloropropene	75	6.184	6.188	(1.630)	289931	47.2535	47
	74 1,1,2-Trichloroethane	97	6.332	6.335	(1.669)	155521	45.9301	46
*	75 Chlorobenzene-d5	117	7.198	7.201	(1.000)	139706	25.0000	
	76 Toluene	91	5.732	5.735	(0.796)	726769	43.6397	44
$	77 Toluene-d8	98	5.683	5.686	(0.790)	272798	18.7794	19
	78 1,1-Dichloro-2-propanone	43	5.988	5.991	(0.832)	850375	253.173	250
	79 4-Methyl-2-Pentanone	43	6.155	6.158	(0.855)	321327	48.3687	48
	80 Tetrachloroethene	164	6.125	6.129	(0.851)	125826	42.4730	42
	81 Ethyl Methacrylate	69	6.391	6.394	(0.888)	258273	44.1812	44
	82 Dibromochloromethane	129	6.499	6.503	(0.903)	174577	39.7447	40
	83 1,3-Dichloropropane	76	6.588	6.591	(0.915)	320515	45.0862	45
	84 1,2-Dibromoethane	107	6.696	6.700	(0.930)	174287	41.8111	42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	86 2-Hexanone	43	6.981	6.985	(0.970)	244447	48.1596	48
	87 1-Chlorohexane	91	7.247	7.250	(1.007)	382920	50.4801	50(M)
	88 Chlorobenzene	112	7.217	7.221	(1.003)	442977	42.5007	42
	89 1,1,1,2-Tetrachloroethane	131	7.286	7.290	(1.012)	153243	42.1681	42
	90 Ethylbenzene	106	7.267	7.270	(1.010)	227230	42.0919	42
	91 Xylene (total)mp	106	7.404	7.408	(1.029)	581424	85.5770	86
	92 Xylene (total)o	106	7.788	7.792	(1.082)	280547	42.8743	43
	93 Styrene	104	7.837	7.841	(1.089)	445752	40.8263	41
	94 Bromoform	173	7.847	7.851	(1.090)	109875	39.1786	39
*	95 1,4-Dichlorobenzene-d4	152	9.303	9.307	(1.000)	64678	25.0000	
	96 Isopropylbenzene	105	8.083	8.087	(0.869)	664665	43.3622	43
	97 Bromobenzene	156	8.398	8.402	(0.903)	165462	41.1744	41
	98 1,1,2,2-Tetrachloroethane	83	8.526	8.530	(0.916)	262651	44.7204	45
	99 4-Ethyltoluene	105	8.556	8.559	(0.920)	704005	43.7467	44
	100 1,2,3-Trichloropropane	110	8.624	8.628	(0.927)	59131	44.4671	44
	101 trans-1,4-Dichloro-2-Butene	53	8.674	8.677	(0.932)	136574	91.2994	91
	102 n-Propylbenzene	91	8.447	8.451	(0.908)	949683	44.3499	44
	103 2-Chlorotoluene	91	8.565	8.569	(0.921)	625706	44.7680	45
	104 4-Chlorotoluene	91	8.713	8.726	(0.937)	577065	45.0718	45
	105 1,3,5-Trimethylbenzene	105	8.634	8.638	(0.928)	584385	43.2587	43
	106 tert-Butylbenzene	119	8.900	8.913	(0.957)	475723	42.9089	43
	107 1,2,4-Trimethylbenzene	105	8.969	8.972	(0.964)	578657	42.8233	43
	108 sec-Butylbenzene	105	9.057	9.061	(0.974)	812644	44.2354	44
	109 4-Isopropyltoluene	119	9.195	9.199	(0.988)	586734	42.1423	42
	110 1,3-Dichlorobenzene	146	9.234	9.238	(0.993)	295343	41.4890	41
	111 1,4-Dichlorobenzene	146	9.313	9.317	(1.001)	300633	42.1943	42
	112 1,2-Dichlorobenzene	146	9.667	9.671	(1.039)	281241	42.0975	42
	113 Benzyl Chloride	126	9.539	9.543	(1.025)	62792	39.2883	39
	114 1,4-Diethylbenzene	119	9.520	9.523	(1.023)	289248	42.7184	43
	115 n-Butylbenzene	91	9.559	9.572	(1.027)	719460	43.3300	43
	118 1,2,4,5-Tetramethylbenzene	119	10.218	10.222	(1.098)	489129	43.6676	44
	119 1,2-Dibromo-3-chloropropane	75	10.366	10.379	(1.114)	39336	48.2633	48
	120 Nitrobenzene	77	10.858	10.861	(1.167)	85932	327.961	330(R)
	121 1,2,4-Trichlorobenzene	180	10.966	10.970	(1.179)	160870	44.4891	44
	122 Hexachlorobutadiene	225	10.956	10.970	(1.178)	92523	44.2788	44
	123 Naphthalene	128	11.242	11.245	(1.208)	356393	44.4135	44
	124 1,2,3-Trichlorobenzene	180	11.409	11.412	(1.226)	141255	43.9707	44
$	125 Bromofluorobenzene	95	8.319	8.323	(0.894)	102768	19.0373	19
M	126 1,2-Dichloroethene (total)	100				387641	93.5718	94
M	127 Xylene (total)	100				861971	128.451	130

QC Flag Legend

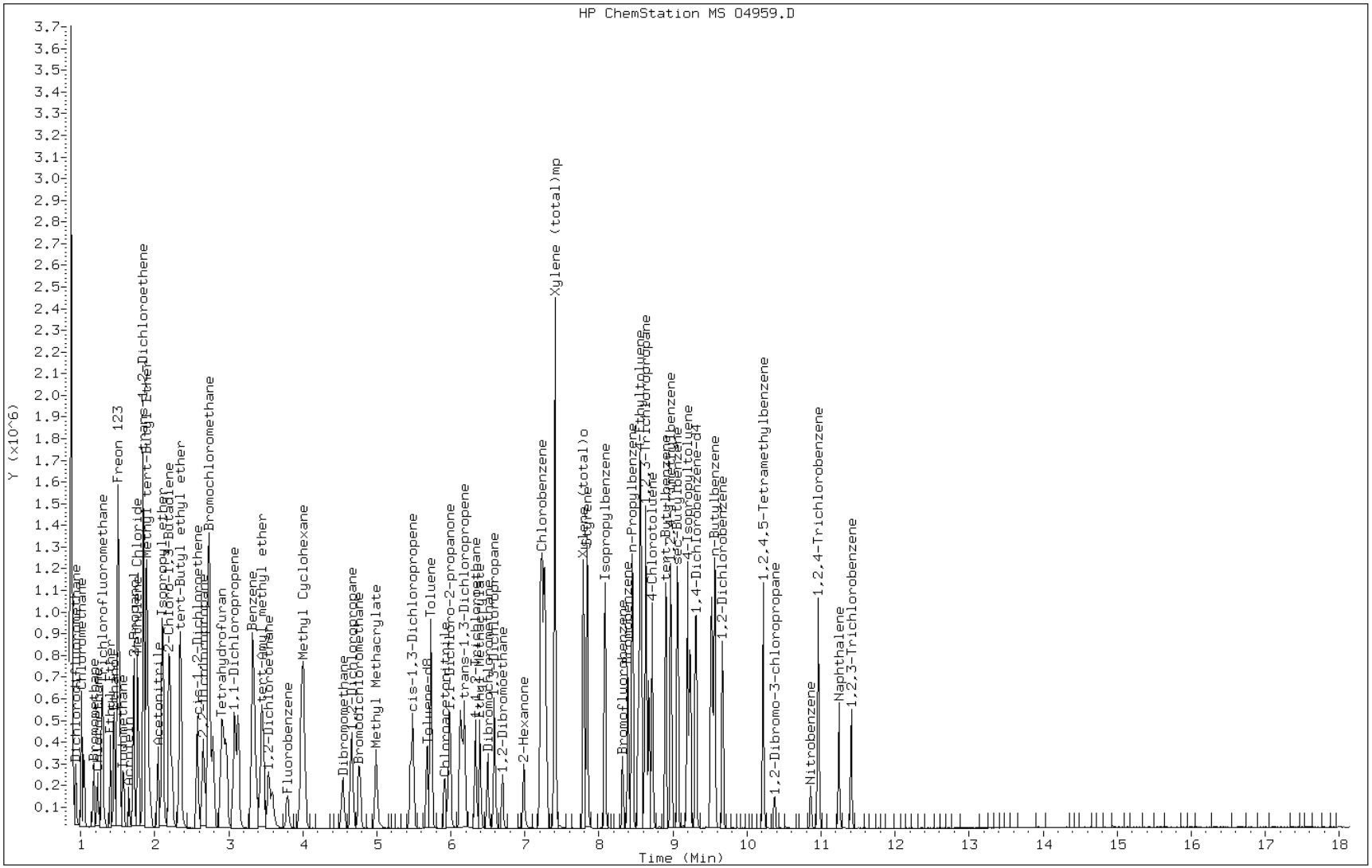
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: O4959.D

Date: 20-JUL-2011 15:31

Client ID: Instrument: mso.i

Sample Info: 220-16030-A-6 MSD Operator: D. HUMBERT



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSN Start Date: 07/13/2011 16:46

Analysis Batch Number: 52848 End Date: 07/13/2011 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-52848/8		07/13/2011 16:46	1	NB907.D	RTX-VMS 0.18(mm)
IC 220-52848/1		07/13/2011 17:15	1	N3724.D	RTX-VMS 0.18(mm)
IC 220-52848/2		07/13/2011 17:41	1	N3725.D	RTX-VMS 0.18(mm)
IC 220-52848/3		07/13/2011 18:21	1	N3726.D	RTX-VMS 0.18(mm)
IC 220-52848/4		07/13/2011 18:46	1	N3727.D	RTX-VMS 0.18(mm)
IC 220-52848/5		07/13/2011 19:11	1	N3728.D	RTX-VMS 0.18(mm)
IC 220-52848/6		07/13/2011 19:37	1	N3729.D	RTX-VMS 0.18(mm)
ICV 220-52848/7		07/13/2011 20:28	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSN Start Date: 07/19/2011 09:45

Analysis Batch Number: 53087 End Date: 07/19/2011 21:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-53087/12		07/19/2011 09:45	1	NB913.D	RTX-VMS 0.18(mm)
CCVIS 220-53087/1		07/19/2011 10:15	1	N3857.D	RTX-VMS 0.18(mm)
LCS 220-53087/2		07/19/2011 11:19	1	N3858.D	RTX-VMS 0.18(mm)
MB 220-53087/3		07/19/2011 12:08	1	N3859.D	RTX-VMS 0.18(mm)
220-16030-1	SB142B_2-3	07/19/2011 18:40	1	N3873.D	RTX-VMS 0.18(mm)
220-16030-2	SB142B_3-4	07/19/2011 19:06	1	N3874.D	RTX-VMS 0.18(mm)
220-16030-3	SB142B_22-22.5	07/19/2011 19:32	1	N3875.D	RTX-VMS 0.18(mm)
220-16030-4	SB-143 3-4	07/19/2011 19:57	1	N3876.D	RTX-VMS 0.18(mm)
220-16030-5	SB-143 32-33	07/19/2011 20:23	1	N3877.D	RTX-VMS 0.18(mm)
ZZZZZ		07/19/2011 20:49	1		RTX-VMS 0.18(mm)
ZZZZZ		07/19/2011 21:15	1		RTX-VMS 0.18(mm)
ZZZZZ		07/19/2011 21:41	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSO Start Date: 06/23/2011 10:41

Analysis Batch Number: 52207 End Date: 06/23/2011 17:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-52207/7		06/23/2011 10:41	1	OB028.D	RTX-VMS 0.18(mm)
IC 220-52207/1		06/23/2011 13:41	1	O4512.D	RTX-VMS 0.18(mm)
IC 220-52207/2		06/23/2011 14:06	1	O4513.D	RTX-VMS 0.18(mm)
IC 220-52207/3		06/23/2011 14:32	1	O4514.D	RTX-VMS 0.18(mm)
IC 220-52207/4		06/23/2011 14:57	1	O4515.D	RTX-VMS 0.18(mm)
IC 220-52207/5		06/23/2011 15:22	1	O4516.D	RTX-VMS 0.18(mm)
IC 220-52207/6		06/23/2011 17:14	1	O4519.D	RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSO Start Date: 07/20/2011 09:49

Analysis Batch Number: 53146 End Date: 07/20/2011 21:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-53146/18		07/20/2011 09:49	1	OB047.D	RTX-VMS 0.18(mm)
CCVIS 220-53146/1		07/20/2011 10:17	1	O4950.D	RTX-VMS 0.18(mm)
LCS 220-53146/2		07/20/2011 11:04	1	O4951.D	RTX-VMS 0.18(mm)
MB 220-53146/3		07/20/2011 11:46	1	O4952.D	RTX-VMS 0.18(mm)
220-16030-6	SB-143 39-40	07/20/2011 13:06	1	O4954.D	RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:31	1		RTX-VMS 0.18(mm)
220-16030-7	DUP071411	07/20/2011 13:57	1	O4956.D	RTX-VMS 0.18(mm)
220-16030-6 MS	SB-143 39-40 MS	07/20/2011 15:05	1	O4958.D	RTX-VMS 0.18(mm)
220-16030-6 MSD	SB-143 39-40 MSD	07/20/2011 15:31	1	O4959.D	RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 15:56	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 16:21	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 17:50	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:15	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:41	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 19:56	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 20:47	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 21:12	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 21:37	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSV Start Date: 07/13/2011 14:11

Analysis Batch Number: 52854 End Date: 07/13/2011 17:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-52854/8		07/13/2011 14:11	1	VB561.D	RTX-VMS 0.18(mm)
IC 220-52854/1		07/13/2011 14:31	1	V2191.D	RTX-VMS 0.18(mm)
IC 220-52854/2		07/13/2011 14:58	1	V2192.D	RTX-VMS 0.18(mm)
ICIS 220-52854/3		07/13/2011 15:25	1	V2193.D	RTX-VMS 0.18(mm)
IC 220-52854/4		07/13/2011 15:53	1	V2194.D	RTX-VMS 0.18(mm)
IC 220-52854/5		07/13/2011 16:20	1	V2195.D	RTX-VMS 0.18(mm)
IC 220-52854/6		07/13/2011 16:47	1	V2196.D	RTX-VMS 0.18(mm)
ICV 220-52854/7		07/13/2011 17:42	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSV Start Date: 07/20/2011 09:35

Analysis Batch Number: 53093 End Date: 07/20/2011 21:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-53093/8		07/20/2011 09:35	1	VB570.D	RTX-VMS 0.18(mm)
CCVIS 220-53093/1		07/20/2011 09:45	1	V2399.D	RTX-VMS 0.18(mm)
LCS 220-53093/2		07/20/2011 10:47	1	V2401.D	RTX-VMS 0.18(mm)
MB 220-53093/3		07/20/2011 11:42	1	V2403.D	RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 12:09	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 12:36	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:04	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:31	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 13:58	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 14:25	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 14:53	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 15:20	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 15:48	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 16:15	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 17:37	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:04	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:32	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 18:59	1		RTX-VMS 0.18(mm)
ZZZZZ		07/20/2011 19:26	1		RTX-VMS 0.18(mm)
220-16030-8	FB-1	07/20/2011 20:21	1	V2422.D	RTX-VMS 0.18(mm)
220-16030-9	FB-2	07/20/2011 20:49	1	V2423.D	RTX-VMS 0.18(mm)
220-16030-10	Trip Blank	07/20/2011 21:17	1	V2424.D	RTX-VMS 0.18(mm)

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SB142B_2-3	220-16030-1	65	65	64	65	80	78
SB142B_3-4	220-16030-2	65	68	64	64	77	64
SB142B_22-22.5	220-16030-3	62	63	62	59	70	58
SB-143 3-4	220-16030-4	70	71	69	65	76	67
SB-143 32-33	220-16030-5	68	69	69	64	71	63
SB-143 39-40	220-16030-6	66	67	65	61	68	62
DUP071411	220-16030-7	65	66	66	60	64	59
	MB 220-53281/1-A	70	70	70	67	74	63
	LCS 220-53281/2-A	61	63	62	62	72	62
SB-143 39-40 MS	220-16030-6 MS	65	65	64	61	73	62
SB-143 39-40 MSD	220-16030-6 MSD	67	69	67	64	73	62

	QC LIMITS
2FP = 2-Fluorophenol	34-120
PHL = Phenol-d5	36-120
NBZ = Nitrobenzene-d5	38-120
FBP = 2-Fluorobiphenyl	41-120
TBP = 2,4,6-Tribromophenol	37-120
TPH = Terphenyl-d14	32-125

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXi-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
FB-1	220-16030-8	30	19	70	72	85	88
FB-2	220-16030-9	29	19	67	71	90	95
	MB 220-53137/1-A	29	19	67	71	89	94
	LCS 220-53137/2-A	37	24	82	89	118 E	111

	QC LIMITS
2FP = 2-Fluorophenol	13-120
PHL = Phenol-d5	10-120
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TBP = 2,4,6-Tribromophenol	36-120
TPH = Terphenyl-d14	10-120

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low Lab File ID: Z21859.D

Lab ID: LCS 220-53137/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	40.0	10.1	25	10-120	
Bis(2-chloroethyl)ether	40.0	30.5	76	46-120	
2-Chlorophenol	40.0	28.4	71	18-120	
1,3-Dichlorobenzene	40.0	27.4	69	33-120	
1,4-Dichlorobenzene	40.0	27.5	69	34-120	
Benzyl alcohol	40.0	26.3	66	31-120	
1,2-Dichlorobenzene	40.0	28.0	70	35-120	
2,2'-oxybis[1-chloropropane]	40.0	31.7	79	45-120	
2-Methylphenol	40.0	25.2	63	25-120	
Hexachloroethane	40.0	27.3	68	29-120	
N-Nitrosodi-n-propylamine	40.0	34.7	87	49-120	
4-Methylphenol	80.0	44.2	55	21-120	
Nitrobenzene	40.0	32.8	82	46-120	
Isophorone	40.0	36.2	90	47-120	
2-Nitrophenol	40.0	34.5	86	36-120	
2,4-Dimethylphenol	40.0	32.8	82	26-120	
Bis(2-chloroethoxy)methane	40.0	34.7	87	48-120	
2,4-Dichlorophenol	40.0	34.2	85	18-120	
1,2,4-Trichlorobenzene	40.0	30.1	75	37-120	
Naphthalene	40.0	32.1	80	42-120	
4-Chloroaniline	40.0	35.2	88	33-120	
Hexachlorobutadiene	40.0	29.4	74	30-120	
4-Chloro-3-methylphenol	40.0	37.6	94	32-120	
2-Methylnaphthalene	40.0	34.3	86	44-120	
Hexachlorocyclopentadiene	40.0	26.4	66	15-120	
2,4,6-Trichlorophenol	40.0	40.4	101	18-125	
2,4,5-Trichlorophenol	40.0	41.6	104	23-123	
2-Chloronaphthalene	40.0	36.1	90	46-120	
2-Nitroaniline	40.0	42.2	106	57-120	
Acenaphthylene	40.0	38.2	95	52-120	
Dimethyl phthalate	40.0	43.1	108	49-120	
2,6-Dinitrotoluene	40.0	44.9	112	63-120	
Acenaphthene	40.0	39.5	99	52-120	
3-Nitroaniline	40.0	42.2	106	54-120	
2,4-Dinitrophenol	40.0	38.1	95	17-128	
Dibenzofuran	40.0	40.4	101	56-120	
2,4-Dinitrotoluene	40.0	44.7	112	46-124	
4-Nitrophenol	40.0	14.0	35	12-120	
Fluorene	40.0	42.8	107	61-120	
4-Chlorophenyl phenyl ether	40.0	42.0	105	58-120	
Diethyl phthalate	40.0	45.3	113	57-120	
4-Nitroaniline	40.0	44.8	112	54-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Water Level: Low Lab File ID: Z21859.D

Lab ID: LCS 220-53137/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	40.0	42.9	107	50-120	
N-Nitrosodiphenylamine	40.0	43.8	110	62-120	
4-Bromophenyl phenyl ether	40.0	44.6	111	60-120	
Hexachlorobenzene	40.0	43.7	109	59-120	
Pentachlorophenol	40.0	43.2	108	50-120	
Phenanthrene	40.0	44.4	111	63-120	
Carbazole	40.0	45.4	114	62-120	
Anthracene	40.0	44.7	112	60-120	
Di-n-butyl phthalate	40.0	46.8	117	61-120	
Fluoranthene	40.0	46.3	116	56-120	
Pyrene	40.0	44.1	110	62-120	
Butyl benzyl phthalate	40.0	48.2	121	53-122	
3,3'-Dichlorobenzidine	40.0	36.9	92	39-120	
Benzo[a]anthracene	40.0	45.1	113	60-120	
Chrysene	40.0	45.1	113	59-120	
Bis(2-ethylhexyl) phthalate	40.0	51.8	130	57-120	*
Di-n-octyl phthalate	40.0	51.5	129	57-120	*
Benzo[b]fluoranthene	40.0	45.5	114	59-120	
Benzo[k]fluoranthene	40.0	47.5	119	58-120	
Benzo[a]pyrene	40.0	44.3	111	51-120	
Indeno[1,2,3-cd]pyrene	40.0	41.1	103	48-120	
Dibenz(a,h)anthracene	40.0	44.7	112	47-120	
Benzo[g,h,i]perylene	40.0	39.9	100	48-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24498.D

Lab ID: LCS 220-53281/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	2670	1650	62	51-120	
Bis(2-chloroethyl)ether	2670	1640	61	52-120	
2-Chlorophenol	2670	1650	62	54-120	
1,3-Dichlorobenzene	2670	1540	58	51-120	
1,4-Dichlorobenzene	2670	1540	58	51-120	
Benzyl alcohol	2670	1850	69	54-120	
1,2-Dichlorobenzene	2670	1550	58	52-120	
2,2'-oxybis[1-chloropropane]	2670	1700	64	51-120	
2-Methylphenol	2670	1730	65	53-120	
Hexachloroethane	2670	1560	59	52-120	
N-Nitrosodi-n-propylamine	2670	1740	65	54-120	
4-Methylphenol	5330	3490	65	54-120	
Nitrobenzene	2670	1630	61	54-120	
Isophorone	2670	1710	64	55-120	
2-Nitrophenol	2670	1700	64	56-120	
2,4-Dimethylphenol	2670	1710	64	49-120	
Bis(2-chloroethoxy)methane	2670	1650	62	56-120	
2,4-Dichlorophenol	2670	1710	64	54-120	
1,2,4-Trichlorobenzene	2670	1570	59	53-120	
Naphthalene	2670	1680	63	55-120	
4-Chloroaniline	2670	1230	46	15-120	
Hexachlorobutadiene	2670	1570	59	54-120	
4-Chloro-3-methylphenol	2670	1860	70	56-120	
2-Methylnaphthalene	2670	1680	63	56-120	
Hexachlorocyclopentadiene	2670	1510	57	50-120	
2,4,6-Trichlorophenol	2670	1810	68	56-120	
2,4,5-Trichlorophenol	2670	1840	69	56-120	
2-Chloronaphthalene	2670	1660	62	56-120	
2-Nitroaniline	2670	1900	71	57-120	
Acenaphthylene	2670	1780	67	57-120	
Dimethyl phthalate	2670	1820	68	56-120	
2,6-Dinitrotoluene	2670	1910	72	59-120	
Acenaphthene	2670	1720	64	57-120	
3-Nitroaniline	2670	1500	56	38-120	
2,4-Dinitrophenol	2670	2570	96	33-120	
Dibenzofuran	2670	1770	66	57-120	
2,4-Dinitrotoluene	2670	1940	73	57-120	
4-Nitrophenol	2670	2190	82	55-120	
Fluorene	2670	1790	67	58-120	
4-Chlorophenyl phenyl ether	2670	1760	66	56-120	
Diethyl phthalate	2670	1920	72	57-120	
4-Nitroaniline	2670	1950	73	53-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24498.D

Lab ID: LCS 220-53281/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	2670	2220	83	48-120	
N-Nitrosodiphenylamine	2670	1810	68	59-120	
4-Bromophenyl phenyl ether	2670	1780	67	57-120	
Hexachlorobenzene	2670	1760	66	56-120	
Pentachlorophenol	2670	2130	80	52-120	
Phenanthrene	2670	1830	69	58-120	
Carbazole	2670	1900	71	58-120	
Anthracene	2670	1870	70	58-120	
Di-n-butyl phthalate	2670	1930	72	58-120	
Fluoranthene	2670	1880	71	57-120	
Pyrene	2670	1690	63	54-121	
Butyl benzyl phthalate	2670	2050	77	54-120	
3,3'-Dichlorobenzidine	2670	1640	61	24-120	
Benzo[a]anthracene	2670	1870	70	58-120	
Chrysene	2670	1820	68	57-120	
Bis(2-ethylhexyl) phthalate	2670	2530	95	56-120	
Di-n-octyl phthalate	2670	2150	80	48-126	
Benzo[b]fluoranthene	2670	1670	63	54-120	
Benzo[k]fluoranthene	2670	1750	66	53-120	
Benzo[a]pyrene	2670	1810	68	44-120	
Indeno[1,2,3-cd]pyrene	2670	1810	68	37-120	
Dibenz(a,h)anthracene	2670	1840	69	39-120	
Benzo[g,h,i]perylene	2670	1540	58	37-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24508.D

Lab ID: 220-16030-6 MS Client ID: SB-143 39-40 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3180	330 U	2030	64	51-120	
Bis(2-chloroethyl)ether	3180	330 U	2000	63	52-120	
2-Chlorophenol	3180	330 U	2040	64	54-120	
1,3-Dichlorobenzene	3180	330 U	1850	58	51-120	
1,4-Dichlorobenzene	3180	330 U	1870	59	51-120	
Benzyl alcohol	3180	330 U	2290	72	54-120	
1,2-Dichlorobenzene	3180	330 U	1900	60	52-120	
2,2'-oxybis[1-chloropropane]	3180	330 U	2040	64	51-120	
2-Methylphenol	3180	330 U	2110	66	53-120	
Hexachloroethane	3180	330 U	1890	60	52-120	
N-Nitrosodi-n-propylamine	3180	330 U	2120	67	54-120	
4-Methylphenol	6360	330 U	4180	66	54-120	
Nitrobenzene	3180	330 U	2000	63	54-120	
Isophorone	3180	330 U	2060	65	55-120	
2-Nitrophenol	3180	330 U	2100	66	56-120	
2,4-Dimethylphenol	3180	330 U	2050	65	49-120	
Bis(2-chloroethoxy)methane	3180	330 U	2040	64	56-120	
2,4-Dichlorophenol	3180	330 U	2070	65	54-120	
1,2,4-Trichlorobenzene	3180	330 U	1940	61	53-120	
Naphthalene	3180	330 U	2030	64	55-120	
4-Chloroaniline	3180	330 U	1470	46	15-120	
Hexachlorobutadiene	3180	330 U	1920	60	54-120	
4-Chloro-3-methylphenol	3180	330 U	2230	70	56-120	
2-Methylnaphthalene	3180	330 U	2020	64	56-120	
Hexachlorocyclopentadiene	3180	810 U	1630	51	50-120	
2,4,6-Trichlorophenol	3180	330 U	2140	67	56-120	
2,4,5-Trichlorophenol	3180	2100 U	2250	71	56-120	
2-Chloronaphthalene	3180	330 U	1970	62	56-120	
2-Nitroaniline	3180	810 U	2270	72	57-120	
Acenaphthylene	3180	330 U	2110	66	57-120	
Dimethyl phthalate	3180	330 U	2170	68	56-120	
2,6-Dinitrotoluene	3180	330 U	2280	72	59-120	
Acenaphthene	3180	330 U	2040	64	57-120	
3-Nitroaniline	3180	810 U	1820	57	38-120	
2,4-Dinitrophenol	3180	2100 U	2840	89	33-120	
Dibenzofuran	3180	330 U	2110	66	57-120	
2,4-Dinitrotoluene	3180	330 U	2340	73	57-120	
4-Nitrophenol	3180	2100 U	2640	83	55-120	
Fluorene	3180	330 U	2120	67	58-120	
4-Chlorophenyl phenyl ether	3180	330 U	2100	66	56-120	
Diethyl phthalate	3180	330 U	2300	72	57-120	
4-Nitroaniline	3180	330 U	2250	71	53-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24508.D

Lab ID: 220-16030-6 MS Client ID: SB-143 39-40 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	3180	2100 U	2550	80	48-120	
N-Nitrosodiphenylamine	3180	330 U	2160	68	59-120	
4-Bromophenyl phenyl ether	3180	330 U	2130	67	57-120	
Hexachlorobenzene	3180	330 U	2100	66	56-120	
Pentachlorophenol	3180	810 U	2540	80	52-120	
Phenanthrene	3180	330 U	2110	67	58-120	
Carbazole	3180	330 U	2260	71	58-120	
Anthracene	3180	330 U	2170	68	58-120	
Di-n-butyl phthalate	3180	330 U	2290	72	58-120	
Fluoranthene	3180	330 U	2280	72	57-120	
Pyrene	3180	330 U	2040	64	54-121	
Butyl benzyl phthalate	3180	330 U	2430	76	54-120	
3,3'-Dichlorobenzidine	3180	400 U	1900	60	24-120	
Benzo[a]anthracene	3180	330 U	2220	70	58-120	
Chrysene	3180	330 U	2110	66	57-120	
Bis(2-ethylhexyl) phthalate	3180	38 J	2980	93	56-120	
Di-n-octyl phthalate	3180	330 U	2780	88	48-126	
Benzo[b]fluoranthene	3180	330 U	2050	64	54-120	
Benzo[k]fluoranthene	3180	330 U	2080	65	53-120	
Benzo[a]pyrene	3180	330 U	2120	67	44-120	
Indeno[1,2,3-cd]pyrene	3180	330 U	2130	67	37-120	
Dibenz(a,h)anthracene	3180	330 U	2190	69	39-120	
Benzo[g,h,i]perylene	3180	330 U	1870	59	37-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24509.D

Lab ID: 220-16030-6 MSD Client ID: SB-143 39-40 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3190	2180	68	7	35	51-120	
Bis(2-chloroethyl)ether	3190	2110	66	5	40	52-120	
2-Chlorophenol	3190	2190	69	7	50	54-120	
1,3-Dichlorobenzene	3190	1960	61	6	40	51-120	
1,4-Dichlorobenzene	3190	1970	62	5	27	51-120	
Benzyl alcohol	3190	2440	76	6	40	54-120	
1,2-Dichlorobenzene	3190	1990	62	4	40	52-120	
2,2'-oxybis[1-chloropropane]	3190	2140	67	5	40	51-120	
2-Methylphenol	3190	2220	70	5	40	53-120	
Hexachloroethane	3190	2000	63	6	40	52-120	
N-Nitrosodi-n-propylamine	3190	2230	70	5	38	54-120	
4-Methylphenol	6390	4440	69	6	40	54-120	
Nitrobenzene	3190	2110	66	6	40	54-120	
Isophorone	3190	2160	68	5	40	55-120	
2-Nitrophenol	3190	2220	69	5	40	56-120	
2,4-Dimethylphenol	3190	2130	67	4	40	49-120	
Bis(2-chloroethoxy)methane	3190	2140	67	5	40	56-120	
2,4-Dichlorophenol	3190	2180	68	5	40	54-120	
1,2,4-Trichlorobenzene	3190	2050	64	6	23	53-120	
Naphthalene	3190	2140	67	5	40	55-120	
4-Chloroaniline	3190	1460	46	1	40	15-120	
Hexachlorobutadiene	3190	2010	63	4	40	54-120	
4-Chloro-3-methylphenol	3190	2260	71	1	33	56-120	
2-Methylnaphthalene	3190	2120	67	5	40	56-120	
Hexachlorocyclopentadiene	3190	1670	52	3	40	50-120	
2,4,6-Trichlorophenol	3190	2170	68	1	40	56-120	
2,4,5-Trichlorophenol	3190	2270	71	1	40	56-120	
2-Chloronaphthalene	3190	2060	64	5	40	56-120	
2-Nitroaniline	3190	2280	71	0	40	57-120	
Acenaphthylene	3190	2130	67	1	19	57-120	
Dimethyl phthalate	3190	2180	68	1	40	56-120	
2,6-Dinitrotoluene	3190	2270	71	1	40	59-120	
Acenaphthene	3190	2100	66	3	40	57-120	
3-Nitroaniline	3190	1790	56	1	40	38-120	
2,4-Dinitrophenol	3190	2670	84	6	40	33-120	
Dibenzofuran	3190	2130	67	1	40	57-120	
2,4-Dinitrotoluene	3190	2350	74	1	40	57-120	
4-Nitrophenol	3190	2630	82	0	40	55-120	
Fluorene	3190	2140	67	1	40	58-120	
4-Chlorophenyl phenyl ether	3190	2130	67	1	40	56-120	
Diethyl phthalate	3190	2300	72	0	40	57-120	
4-Nitroaniline	3190	2270	71	1	40	53-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C24509.D

Lab ID: 220-16030-6 MSD Client ID: SB-143 39-40 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	3190	2480	78	3	40	48-120	
N-Nitrosodiphenylamine	3190	2130	67	2	40	59-120	
4-Bromophenyl phenyl ether	3190	2110	66	1	40	57-120	
Hexachlorobenzene	3190	2070	65	1	40	56-120	
Pentachlorophenol	3190	2480	78	3	47	52-120	
Phenanthrene	3190	2130	67	1	40	58-120	
Carbazole	3190	2280	71	1	40	58-120	
Anthracene	3190	2210	69	2	40	58-120	
Di-n-butyl phthalate	3190	2270	71	1	40	58-120	
Fluoranthene	3190	2280	71	0	40	57-120	
Pyrene	3190	2030	64	0	36	54-121	
Butyl benzyl phthalate	3190	2460	77	1	40	54-120	
3,3'-Dichlorobenzidine	3190	1970	62	3	40	24-120	
Benzo[a]anthracene	3190	2270	71	2	40	58-120	
Chrysene	3190	2130	67	1	40	57-120	
Bis(2-ethylhexyl) phthalate	3190	3050	94	2	40	56-120	
Di-n-octyl phthalate	3190	2880	90	3	40	48-126	
Benzo[b]fluoranthene	3190	2140	67	4	40	54-120	
Benzo[k]fluoranthene	3190	2130	67	2	40	53-120	
Benzo[a]pyrene	3190	2170	68	3	40	44-120	
Indeno[1,2,3-cd]pyrene	3190	2160	68	2	40	37-120	
Dibenz(a,h)anthracene	3190	2260	71	3	40	39-120	
Benzo[g,h,i]perylene	3190	1920	60	3	40	37-120	

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 Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Z21858.D Lab Sample ID: MB 220-53137/1-A

Matrix: Water Date Extracted: 07/21/2011 14:28

Instrument ID: MSZ Date Analyzed: 07/27/2011 14:40

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53137/2-A	Z21859.D	07/27/2011 15:08
FB-1	220-16030-8	Z21861.D	07/27/2011 16:05
FB-2	220-16030-9	Z21862.D	07/27/2011 16:33

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: C24497.D Lab Sample ID: MB 220-53281/1-A

Matrix: Solid Date Extracted: 07/26/2011 10:12

Instrument ID: MSC Date Analyzed: 07/27/2011 08:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-53281/2-A	C24498.D	07/27/2011 08:32
SB142B_3-4	220-16030-2	C24503.D	07/27/2011 11:06
SB142B_22-22.5	220-16030-3	C24504.D	07/27/2011 11:36
SB-143 3-4	220-16030-4	C24505.D	07/27/2011 12:06
SB-143 32-33	220-16030-5	C24506.D	07/27/2011 12:37
SB-143 39-40	220-16030-6	C24507.D	07/27/2011 13:07
SB-143 39-40 MS	220-16030-6 MS	C24508.D	07/27/2011 13:38
SB-143 39-40 MSD	220-16030-6 MSD	C24509.D	07/27/2011 14:08
DUP071411	220-16030-7	C24510.D	07/27/2011 14:39
SB142B_2-3	220-16030-1	C24511.D	07/27/2011 15:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Cs24381.D DFTPP Injection Date: 07/21/2011

Instrument ID: MSC DFTPP Injection Time: 10:20

Analysis Batch No.: 53172

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.2	
68	Less than 2.0 % of mass 69	0.7	(1.6)1
69	Mass 69 relative abundance	42.8	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	48.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	11.0	
442	Greater than 40.0 % of mass 198	76.1	
443	17.0 - 23.0 % of mass 442	14.2	(18.7)2

1-Value is % mass 69 2-Value is % mass 442

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 220-53172/1	C24382.D	07/21/2011	10:38
	IC 220-53172/2	C24383.D	07/21/2011	11:16
	IC 220-53172/3	C24384.D	07/21/2011	11:46
	IC 220-53172/4	C24385.D	07/21/2011	12:16
	IC 220-53172/5	C24386.D	07/21/2011	12:47
	IC 220-53172/6	C24387.D	07/21/2011	13:18
	IC 220-53172/7	C24388.D	07/21/2011	13:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Cs24495.D DFTPP Injection Date: 07/27/2011

Instrument ID: MSC DFTPP Injection Time: 07:11

Analysis Batch No.: 53339

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.9	
68	Less than 2.0 % of mass 69	0.2	(0.5)1
69	Mass 69 relative abundance	46.0	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	49.6	
197	Less than 1.0 % of mass 198	0.4	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	22.4	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	10.8	
442	Greater than 40.0 % of mass 198	70.7	
443	17.0 - 23.0 % of mass 442	13.5	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

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 220-53339/1	C24496.D	07/27/2011	07:29
	MB 220-53281/1-A	C24497.D	07/27/2011	08:01
	LCS 220-53281/2-A	C24498.D	07/27/2011	08:32
SB142B_3-4	220-16030-2	C24503.D	07/27/2011	11:06
SB142B_22-22.5	220-16030-3	C24504.D	07/27/2011	11:36
SB-143 3-4	220-16030-4	C24505.D	07/27/2011	12:06
SB-143 32-33	220-16030-5	C24506.D	07/27/2011	12:37
SB-143 39-40	220-16030-6	C24507.D	07/27/2011	13:07
SB-143 39-40 MS	220-16030-6 MS	C24508.D	07/27/2011	13:38
SB-143 39-40 MSD	220-16030-6 MSD	C24509.D	07/27/2011	14:08
DUP071411	220-16030-7	C24510.D	07/27/2011	14:39
SB142B_2-3	220-16030-1	C24511.D	07/27/2011	15:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab File ID: Zs21842.D DFTPP Injection Date: 07/27/2011

Instrument ID: MSZ DFTPP Injection Time: 07:17

Analysis Batch No.: 53343

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.7	
68	Less than 2.0 % of mass 69	0.5	(1.1)1
69	Mass 69 relative abundance	46.1	
70	Less than 2.0 % of mass 69	0.3	(0.7)1
127	40.0 - 60.0 % of mass 198	54.8	
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	6.1	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	11.7	
442	Greater than 40.0 % of mass 198	79.3	
443	17.0 - 23.0 % of mass 442	14.7	(18.5)2

1-Value is % mass 69 2-Value is % mass 442

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 220-53343/1	Z21843.D	07/27/2011	07:33
	IC 220-53343/2	Z21844.D	07/27/2011	08:01
	IC 220-53343/3	Z21845.D	07/27/2011	08:30
	IC 220-53343/4	Z21846.D	07/27/2011	08:58
	IC 220-53343/5	Z21847.D	07/27/2011	09:27
	IC 220-53343/6	Z21848.D	07/27/2011	09:55
	IC 220-53343/7	Z21849.D	07/27/2011	10:24
	MB 220-53137/1-A	Z21858.D	07/27/2011	14:40
	LCS 220-53137/2-A	Z21859.D	07/27/2011	15:08
FB-1	220-16030-8	Z21861.D	07/27/2011	16:05
FB-2	220-16030-9	Z21862.D	07/27/2011	16:33

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53339/1 Date Analyzed: 07/27/2011 07:29

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C24496.D Heated Purge: (Y/N) N

Calibration ID: 11557

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1027229	4.80	4228857	6.16	2682714	8.03
UPPER LIMIT		2054458	5.30	8457714	6.66	5365428	8.53
LOWER LIMIT		513615	4.30	2114429	5.66	1341357	7.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53281/1-A		1159367	4.80	4794281	6.16	3030963	8.02
LCS 220-53281/2-A		1193606	4.80	5017535	6.16	3178535	8.03
220-16030-2	SB142B_3-4	1182249	4.80	4938718	6.16	3095293	8.02
220-16030-3	SB142B_22-22.5	1179863	4.80	4855744	6.16	3147790	8.02
220-16030-4	SB-143 3-4	1144383	4.80	4779844	6.16	3041544	8.02
220-16030-5	SB-143 32-33	1188537	4.80	4866474	6.16	3116218	8.02
220-16030-6	SB-143 39-40	1217346	4.80	5084527	6.16	3264433	8.02
220-16030-6 MS	SB-143 39-40 MS	1202479	4.80	5061246	6.16	3230969	8.03
220-16030-6 MSD	SB-143 39-40 MSD	1185606	4.80	5022513	6.16	3233187	8.03
220-16030-7	DUP071411	1148646	4.80	4741206	6.16	3083988	8.02
220-16030-1	SB142B_2-3	1221570	4.80	5116142	6.16	3041392	8.03

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: CCVIS 220-53339/1 Date Analyzed: 07/27/2011 07:29

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C24496.D Heated Purge: (Y/N) N

Calibration ID: 11557

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		4803738	9.59	4986002	12.47	3160978	14.63
UPPER LIMIT		9607476	10.09	9972004	12.97	6321956	15.13
LOWER LIMIT		2401869	9.09	2493001	11.97	1580489	14.13
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53281/1-A		4396975	9.59	5654522	12.47	4488072	14.63
LCS 220-53281/2-A		5680398	9.59	5755593	12.47	4002791	14.64
220-16030-2	SB142B_3-4	5600085	9.59	5678703	12.46	4103981	14.63
220-16030-3	SB142B_22-22.5	5567535	9.59	5773419	12.46	4089267	14.63
220-16030-4	SB-143 3-4	5308836	9.59	5445096	12.46	3894588	14.63
220-16030-5	SB-143 32-33	5482956	9.59	5578396	12.46	3899874	14.63
220-16030-6	SB-143 39-40	5747025	9.59	5774301	12.46	4049323	14.63
220-16030-6 MS	SB-143 39-40 MS	5758646	9.59	5922220	12.48	3779824	14.64
220-16030-6 MSD	SB-143 39-40 MSD	5816825	9.59	5923540	12.48	3680565	14.64
220-16030-7	DUP071411	5397615	9.59	5570476	12.46	3659673	14.63
220-16030-1	SB142B_2-3	6014299	9.60	5142590	12.48	2163940	14.63

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: ICIS 220-53343/1 Date Analyzed: 07/27/2011 07:33

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z21843.D Heated Purge: (Y/N) N

Calibration ID: 11648

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		268393	4.79	1206258	6.15	698354	8.01
UPPER LIMIT		536786	5.29	2412516	6.65	1396708	8.51
LOWER LIMIT		134197	4.29	603129	5.65	349177	7.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53137/1-A		272553	4.78	1221773	6.15	721418	8.01
LCS 220-53137/2-A		289288	4.79	1311088	6.15	789659	8.01
220-16030-8	FB-1	275741	4.79	1252600	6.15	738603	8.01
220-16030-9	FB-2	272105	4.78	1227988	6.14	737211	8.00

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 Connecticut Job No.: 220-16030-1

SDG No.:

Sample No.: ICIS 220-53343/1 Date Analyzed: 07/27/2011 07:33

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z21843.D Heated Purge: (Y/N) N

Calibration ID: 11648

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1099159	9.58	907309	12.44	585950	14.59
UPPER LIMIT		2198318	10.08	1814618	12.94	1171900	15.09
LOWER LIMIT		549580	9.08	453655	11.94	292975	14.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-53137/1-A		1159158	9.57	939808	12.43	579080	14.58
LCS 220-53137/2-A		1276711	9.58	1095252	12.44	627996	14.58
220-16030-8	FB-1	1177272	9.57	958260	12.43	580672	14.57
220-16030-9	FB-2	1180151	9.57	975607	12.43	589057	14.57

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 Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: C24511.D

Analysis Method: 8270C | Date Collected: 07/13/2011 09:45

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.56(g) | Date Analyzed: 07/27/2011 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	290	U	290	19
111-44-4	Bis(2-chloroethyl)ether	290	U	290	15
95-57-8	2-Chlorophenol	290	U	290	17
541-73-1	1,3-Dichlorobenzene	290	U	290	15
106-46-7	1,4-Dichlorobenzene	290	U	290	17
100-51-6	Benzyl alcohol	290	U	290	28
95-50-1	1,2-Dichlorobenzene	290	U	290	17
108-60-1	2,2'-oxybis[1-chloropropane]	290	U	290	15
95-48-7	2-Methylphenol	290	U	290	18
67-72-1	Hexachloroethane	290	U	290	17
621-64-7	N-Nitrosodi-n-propylamine	290	U	290	20
106-44-5	4-Methylphenol	290	U	290	19
98-95-3	Nitrobenzene	290	U	290	19
78-59-1	Isophorone	290	U	290	16
88-75-5	2-Nitrophenol	290	U	290	18
105-67-9	2,4-Dimethylphenol	290	U	290	14
111-91-1	Bis(2-chloroethoxy)methane	290	U	290	14
120-83-2	2,4-Dichlorophenol	290	U	290	16
120-82-1	1,2,4-Trichlorobenzene	290	U	290	19
91-20-3	Naphthalene	1400		290	15
106-47-8	4-Chloroaniline	290	U	290	48
87-68-3	Hexachlorobutadiene	290	U	290	23
59-50-7	4-Chloro-3-methylphenol	290	U	290	12
91-57-6	2-Methylnaphthalene	430		290	8.4
77-47-4	Hexachlorocyclopentadiene	730	U	730	140
88-06-2	2,4,6-Trichlorophenol	290	U	290	8.0
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	15
91-58-7	2-Chloronaphthalene	290	U	290	12
88-74-4	2-Nitroaniline	730	U	730	18
208-96-8	Acenaphthylene	52	J	290	14
131-11-3	Dimethyl phthalate	290	U	290	17
606-20-2	2,6-Dinitrotoluene	290	U	290	8.6
83-32-9	Acenaphthene	410		290	17
99-09-2	3-Nitroaniline	730	U	730	9.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: C24511.D

Analysis Method: 8270C | Date Collected: 07/13/2011 09:45

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.56(g) | Date Analyzed: 07/27/2011 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1800	U	1800	88
132-64-9	Dibenzofuran	330		290	21
121-14-2	2,4-Dinitrotoluene	290	U	290	23
100-02-7	4-Nitrophenol	1800	U	1800	22
86-73-7	Fluorene	620		290	18
7005-72-3	4-Chlorophenyl phenyl ether	290	U	290	22
84-66-2	Diethyl phthalate	290	U	290	30
100-01-6	4-Nitroaniline	290	U	290	22
534-52-1	4,6-Dinitro-2-methylphenol	1800	U	1800	130
86-30-6	N-Nitrosodiphenylamine	220	J	290	17
101-55-3	4-Bromophenyl phenyl ether	290	U	290	19
118-74-1	Hexachlorobenzene	290	U	290	20
87-86-5	Pentachlorophenol	730	U	730	180
85-01-8	Phenanthrene	2600		290	14
86-74-8	Carbazole	360		290	16
120-12-7	Anthracene	920		290	11
84-74-2	Di-n-butyl phthalate	290	U	290	43
206-44-0	Fluoranthene	2300		290	15
129-00-0	Pyrene	2700		290	14
85-68-7	Butyl benzyl phthalate	290	U	290	16
91-94-1	3,3'-Dichlorobenzidine	360	U	360	60
56-55-3	Benzo[a]anthracene	1700		290	10
218-01-9	Chrysene	1700		290	22
117-81-7	Bis(2-ethylhexyl) phthalate	160	J B	290	28
117-84-0	Di-n-octyl phthalate	290	U	290	17
205-99-2	Benzo[b]fluoranthene	1600		290	7.8
207-08-9	Benzo[k]fluoranthene	560		290	26
50-32-8	Benzo[a]pyrene	1400		290	7.9
193-39-5	Indeno[1,2,3-cd]pyrene	990		290	19
53-70-3	Dibenz(a,h)anthracene	300		290	23
191-24-2	Benzo[g,h,i]perylene	970		290	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_2-3 | Lab Sample ID: 220-16030-1

Matrix: Solid | Lab File ID: C24511.D

Analysis Method: 8270C | Date Collected: 07/13/2011 09:45

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.56(g) | Date Analyzed: 07/27/2011 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	65		36-120
4165-60-0	Nitrobenzene-d5	64		38-120
321-60-8	2-Fluorobiphenyl	65		41-120
118-79-6	2,4,6-Tribromophenol	80		37-120
1718-51-0	Terphenyl-d14	78		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24511.D
Lab Smp Id: 220-16030-B-1-A Client Smp ID: SB142B_2-3
Inj Date : 27-JUL-2011 15:09
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-1-A
Misc Info : 220-16030-B-1-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.560	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	11.230	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1221570	20.0000	
$	2 2-Fluorophenol	112	3.374	3.356	(0.702)	3256254	48.5717	3500
$	3 Phenol-d5	99	4.490	4.490	(0.935)	4470129	48.8078	3500
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5116142	20.0000	
$	21 Nitrobenzene-d5	82	5.404	5.409	(0.877)	2810832	31.9289	2300
	30 Naphthalene	128	6.181	6.187	(1.003)	4843934	19.4782	1400
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	1038977	5.95053	430
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3041392	20.0000	
$	40 2-Fluorobiphenyl	172	7.333	7.333	(0.913)	5833821	32.5414	2400
	130 1,1'-Biphenyl	154	7.428	7.433	(0.925)	252185	1.27637	92
	43 Acenaphthylene	152	7.873	7.873	(0.981)	185210	0.71601	52
	46 Acenaphthene	153	8.063	8.063	(1.004)	947328	5.65137	410
	49 Dibenzofuran	168	8.241	8.247	(1.027)	1064913	4.57038	330
	52 Fluorene	166	8.609	8.609	(1.072)	1651659	8.55244	620
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1570382	60.0391	4300
*	57 Phenanthrene-d10	188	9.600	9.594	(1.000)	6014299	20.0000	
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	489435	2.99810	220
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.915)	49475	0.21669	16

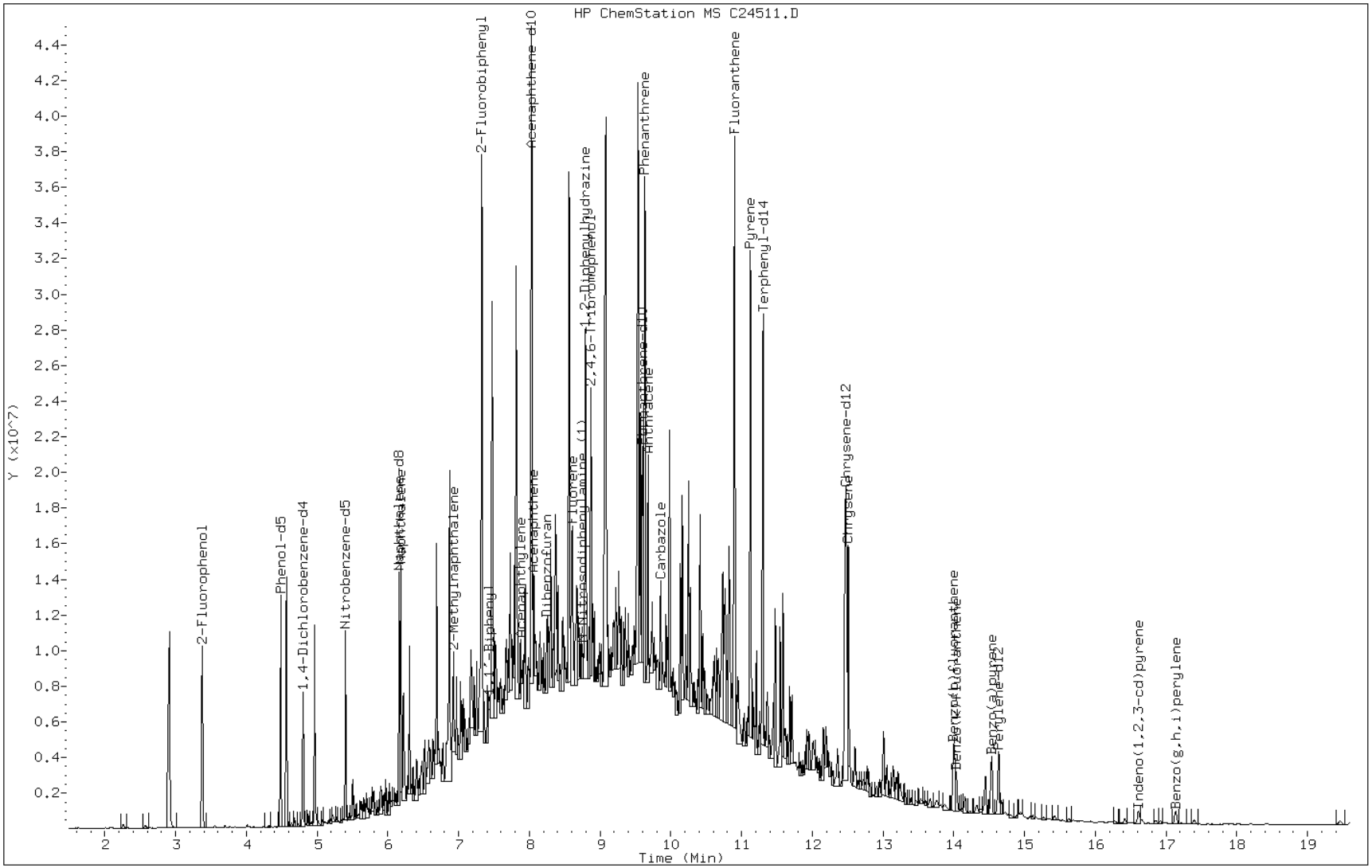
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	64 Phenanthrene	178	9.630	9.624	(1.003)	11076635	35.7730	2600
	65 Carbazole	167	9.855	9.855	(1.027)	1477374	5.00441	360
	66 Anthracene	178	9.677	9.677	(1.008)	3928948	12.7217	920
	68 Fluoranthene	202	10.900	10.876	(1.135)	10671280	31.7928	2300
*	70 Chrysene-d12	240	12.479	12.472	(1.000)	5142590	20.0000	
	72 Pyrene	202	11.125	11.113	(0.892)	12105402	37.9322	2700
$	73 Terphenyl-d14	244	11.303	11.291	(0.906)	8597521	38.9175	2800
	76 Benzo(a)anthracene	228	12.467	12.455	(0.999)	6744444	23.9562	1700
	77 Chrysene	228	12.514	12.508	(1.003)	6084175	23.0224	1700
	78 Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	318178	2.16976	160
*	79 Perylene-d12	264	14.633	14.633	(1.000)	2163940	20.0000	
	81 Benzo(b)fluoranthene	252	14.004	14.004	(0.957)	3157146	21.8077	1600
	82 Benzo(k)fluoranthene	252	14.040	14.051	(0.959)	1151653	7.70840	560
	83 Benzo(a)pyrene	252	14.532	14.544	(0.993)	2079753	19.7431	1400
	84 Indeno(1,2,3-cd)pyrene	276	16.616	16.627	(1.135)	604359	13.6982	990
	85 Dibenzo(a,h)anthracene	278	16.657	16.675	(1.138)	169979	4.15999	300
	86 Benzo(g,h,i)perylene	276	17.138	17.144	(1.171)	574467	13.4655	970

Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas



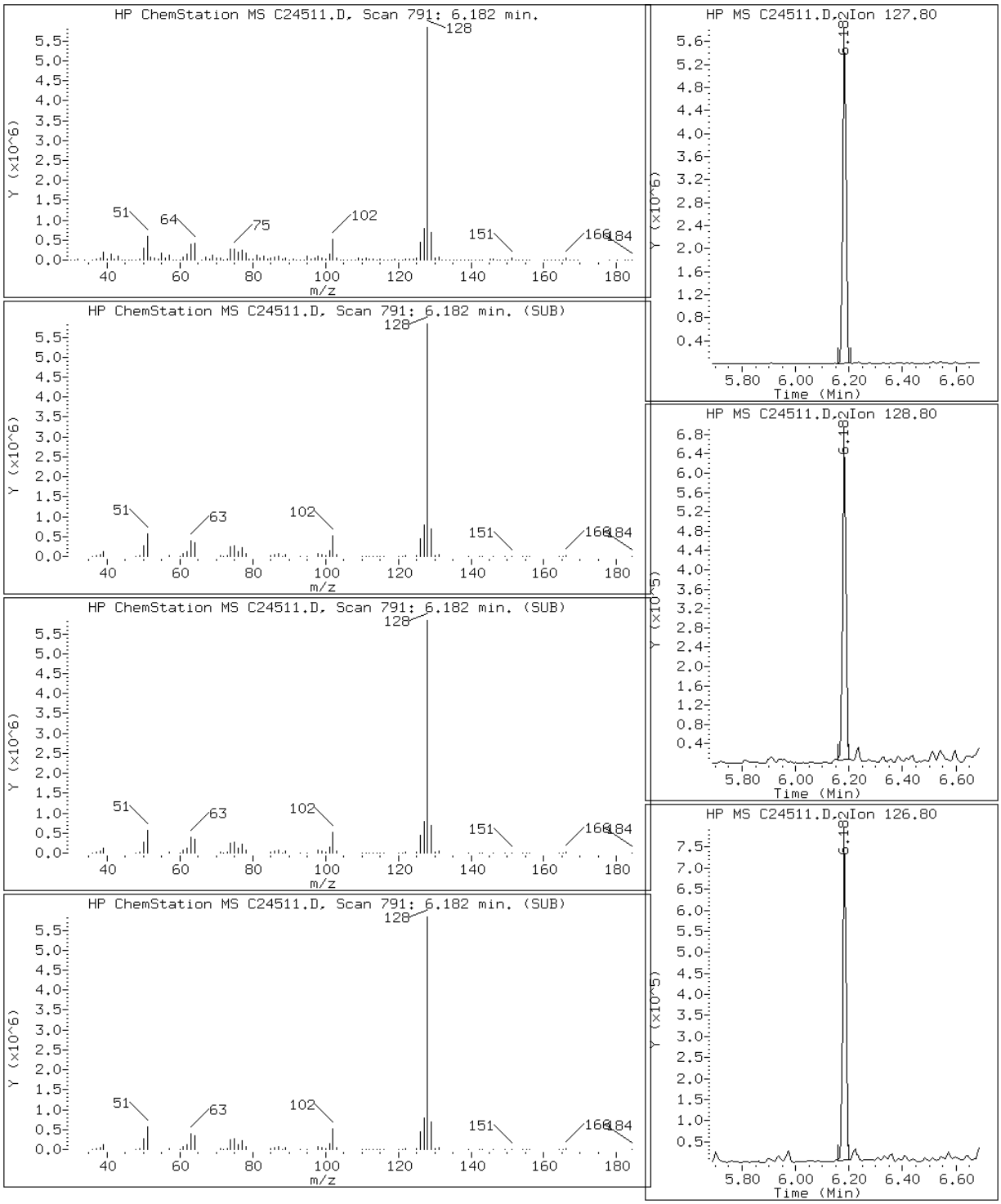
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

30 Naphthalene



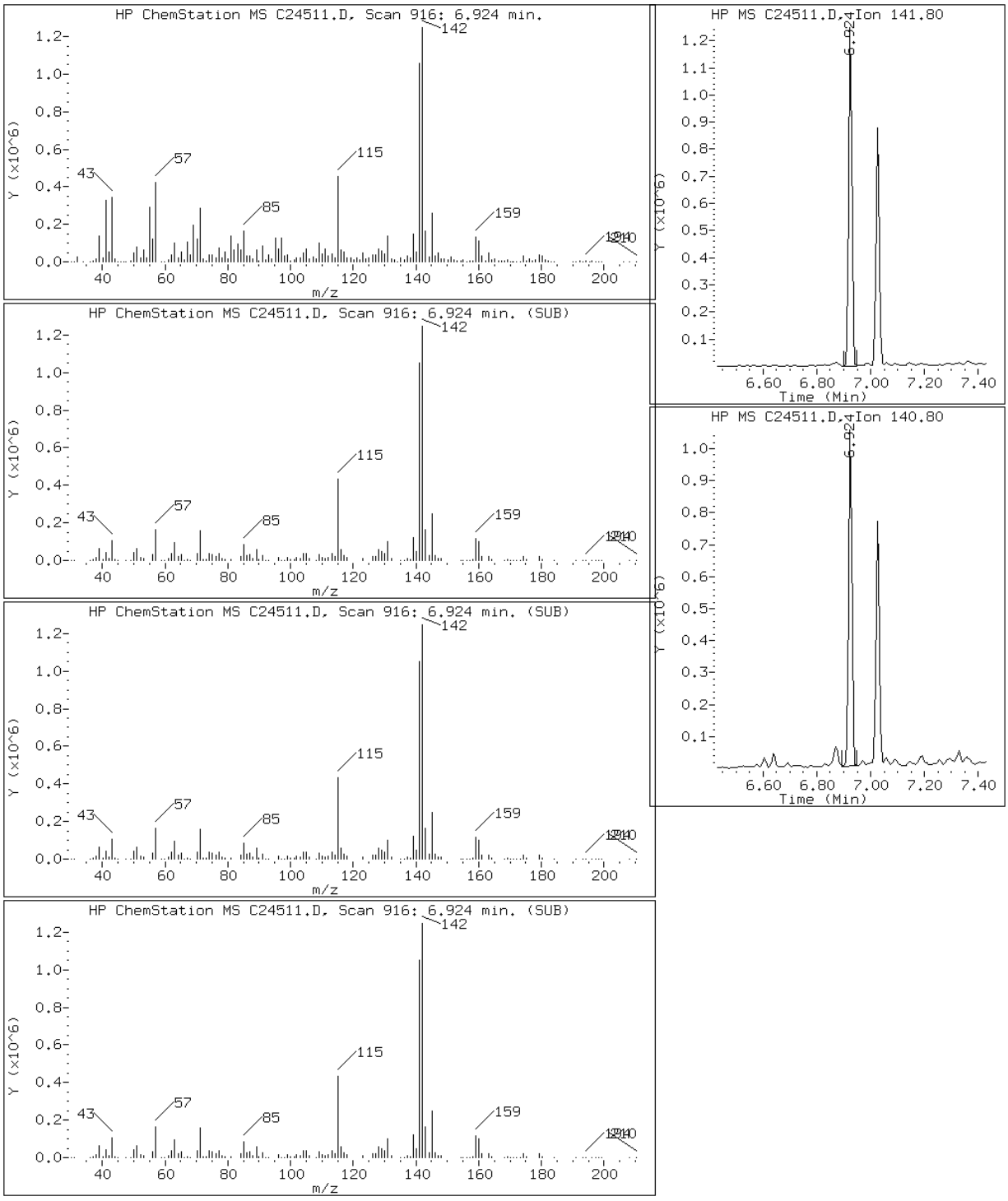
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

34 2-Methylnaphthalene



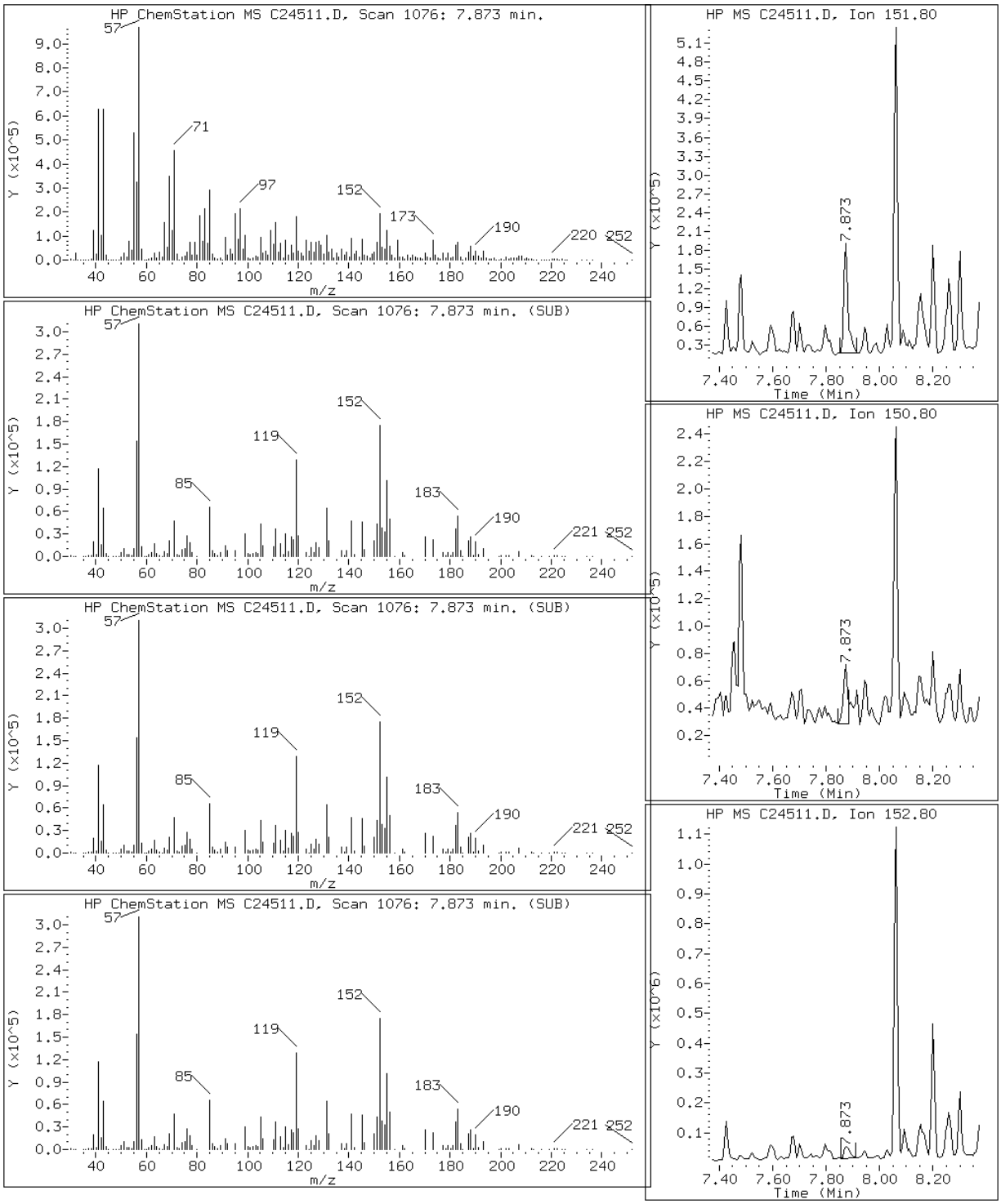
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

43 Acenaphthylene



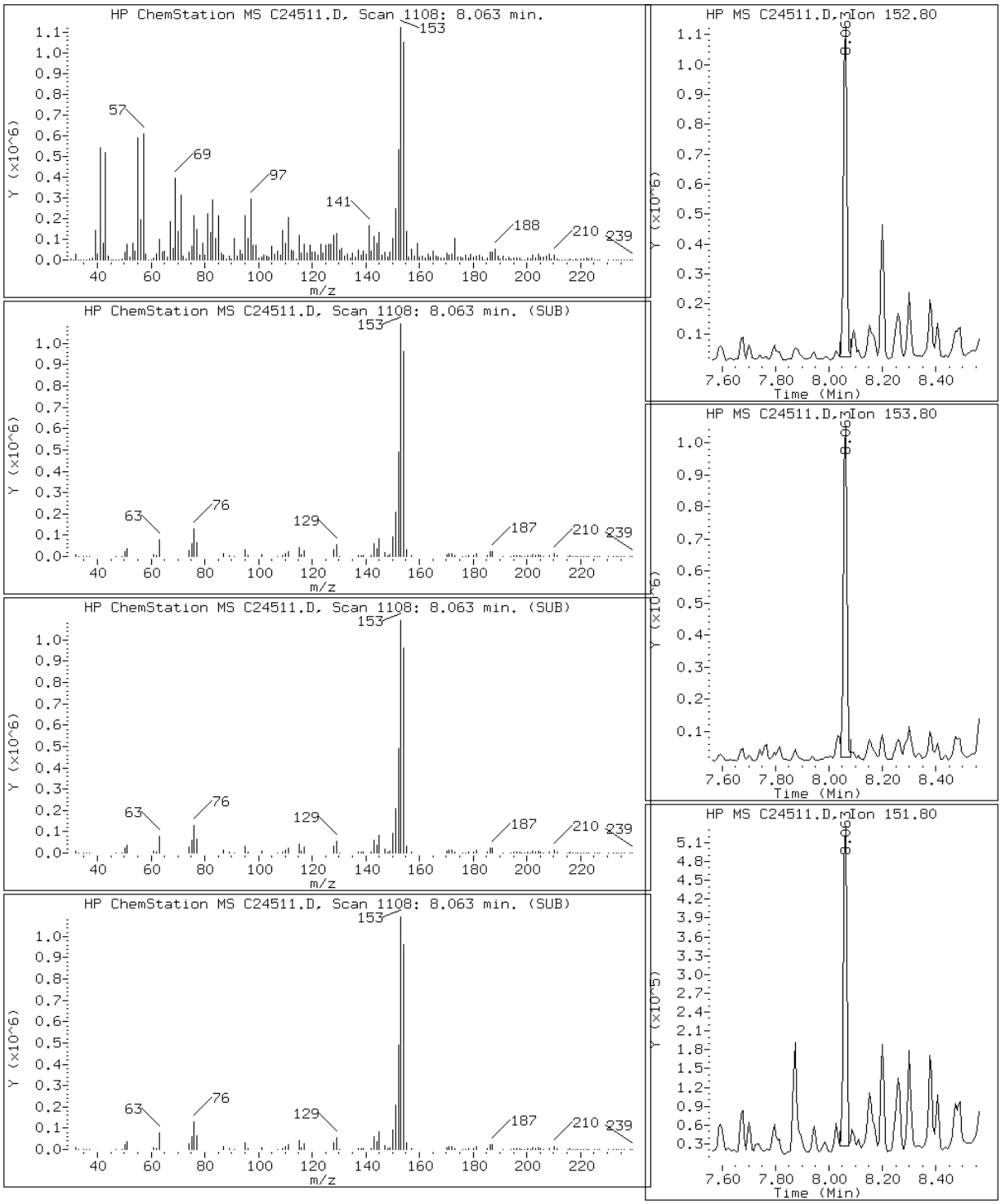
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

46 Acenaphthene



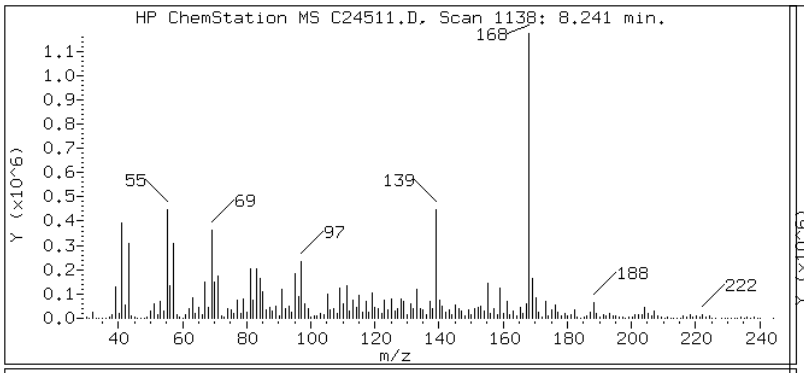
Data File: C24511.D

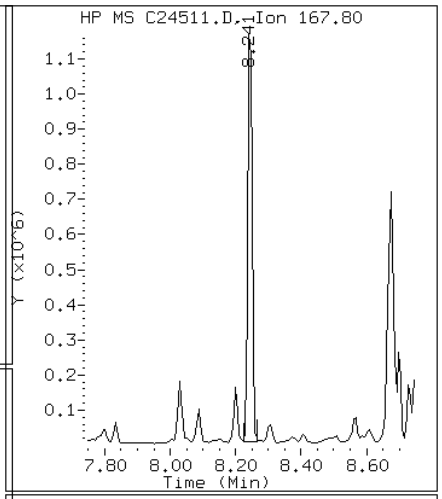
Date: 27-JUL-2011 15:09

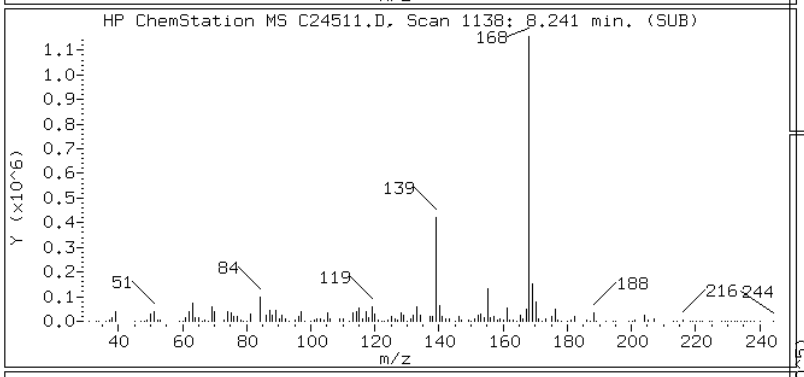
Client ID: SB142B_2-3 Instrument: msc.i

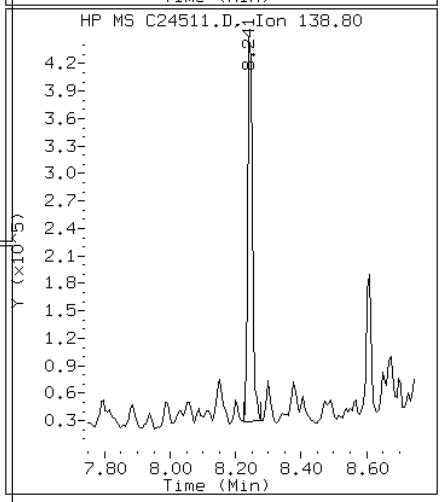
Sample Info: 220-16030-B-1-A Operator: S.Jonas

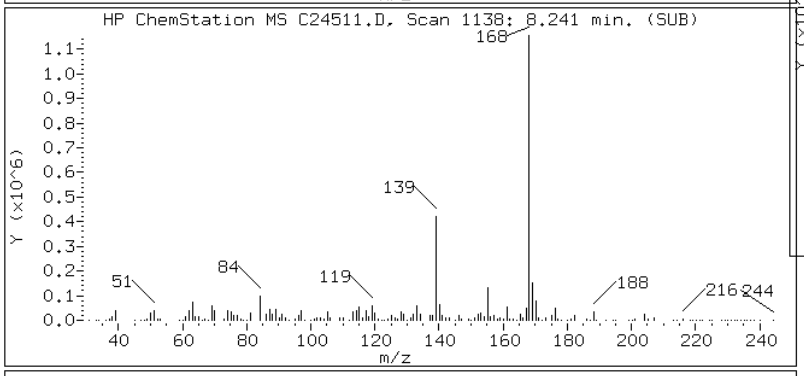
49 Dibenzofuran

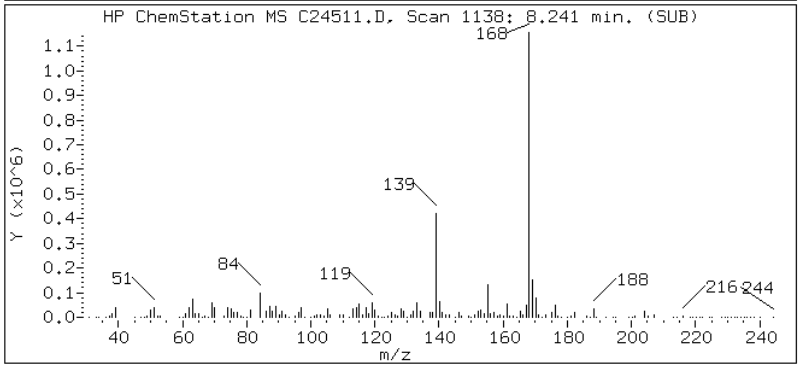












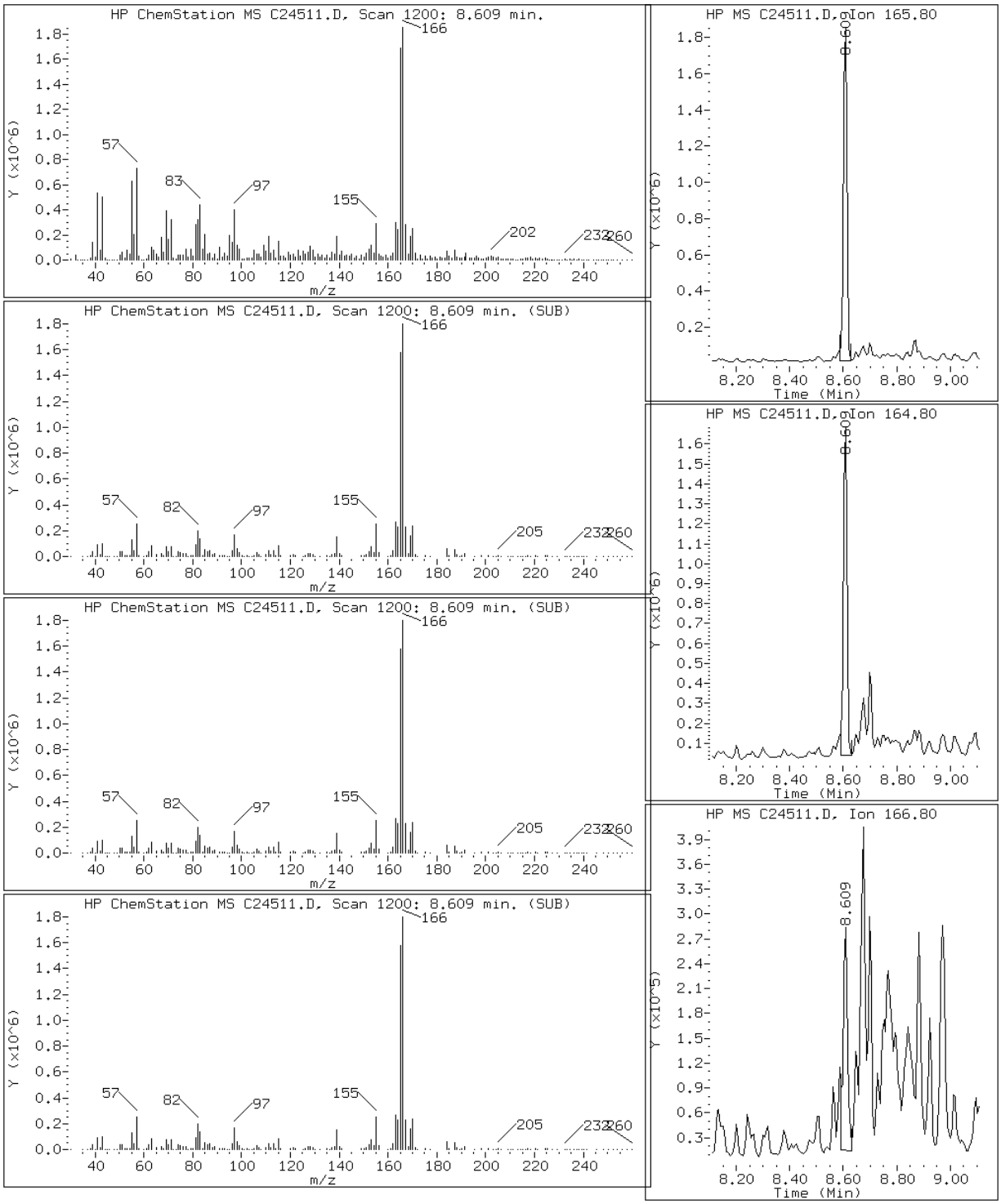
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

52 Fluorene



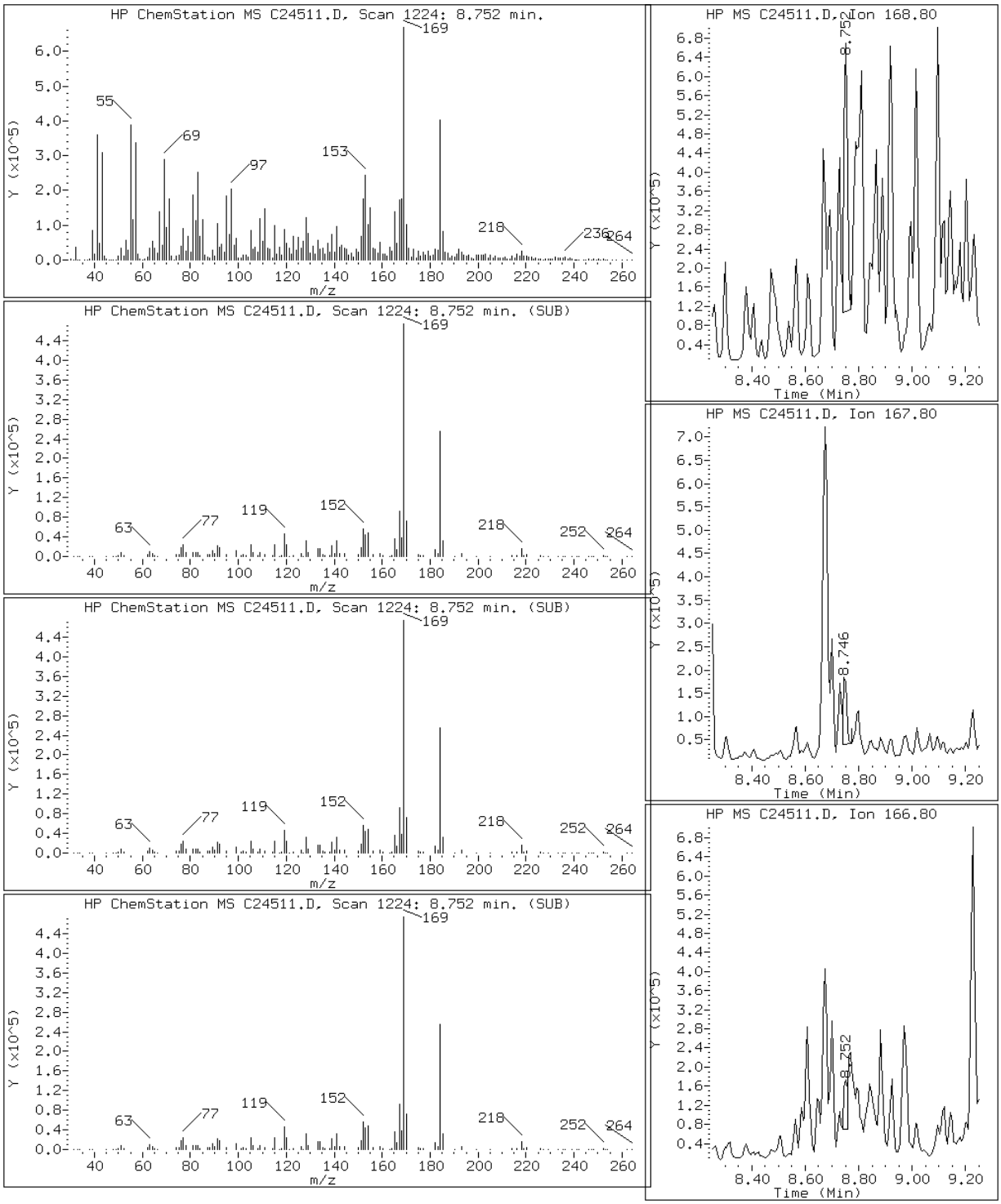
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

59 N-Nitrosodiphenylamine (1)



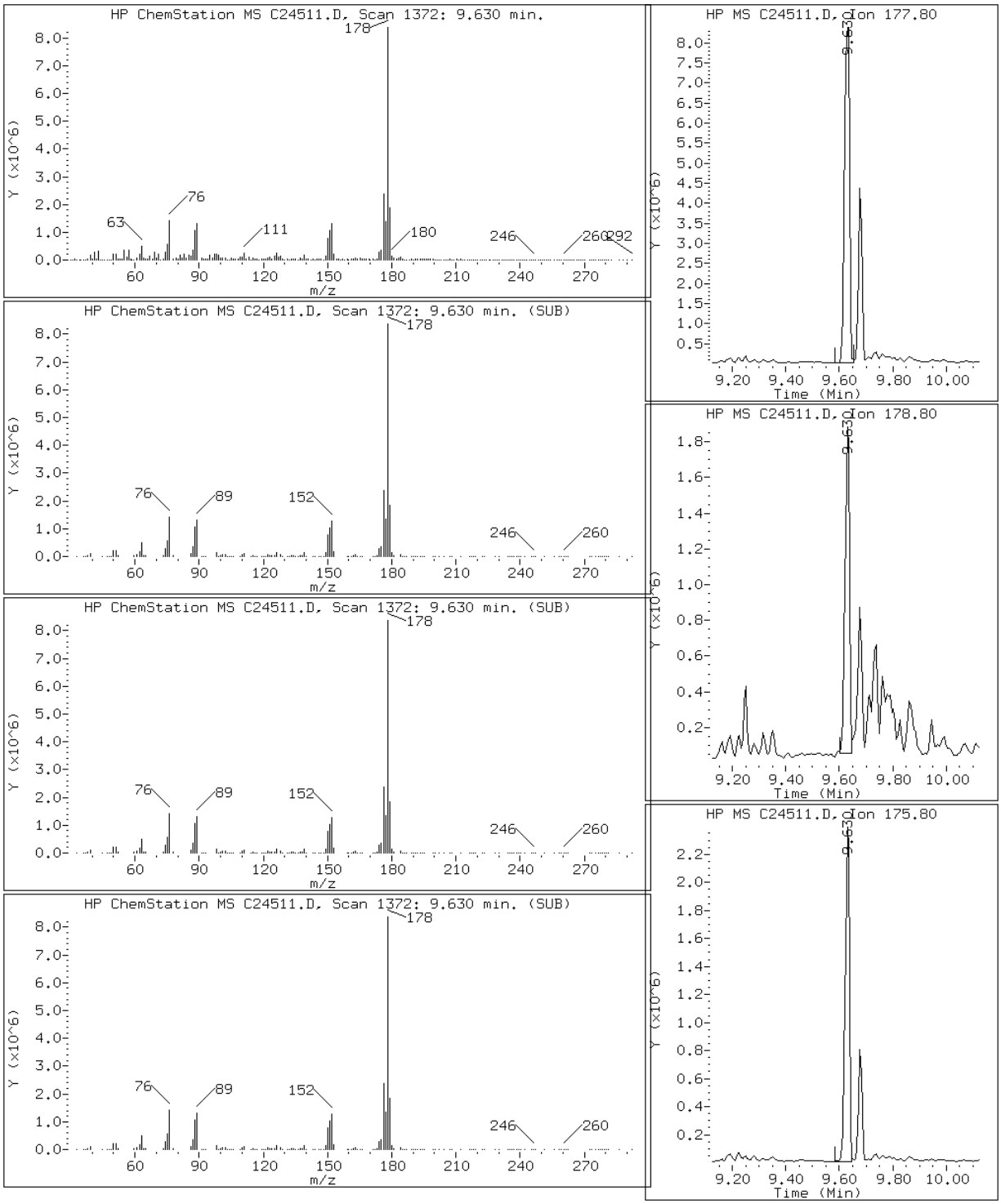
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

64 Phenanthrene



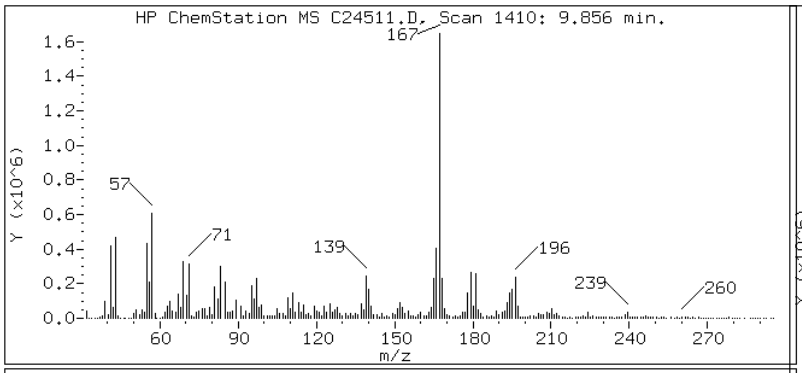
Data File: C24511.D

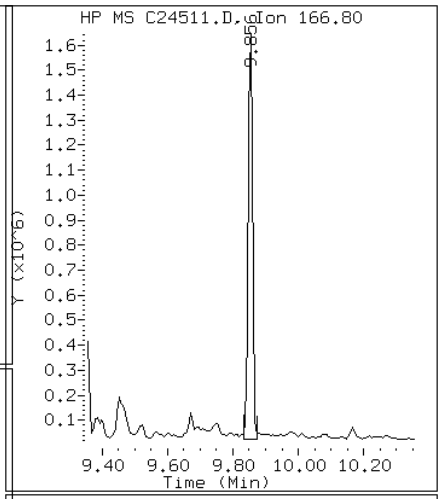
Date: 27-JUL-2011 15:09

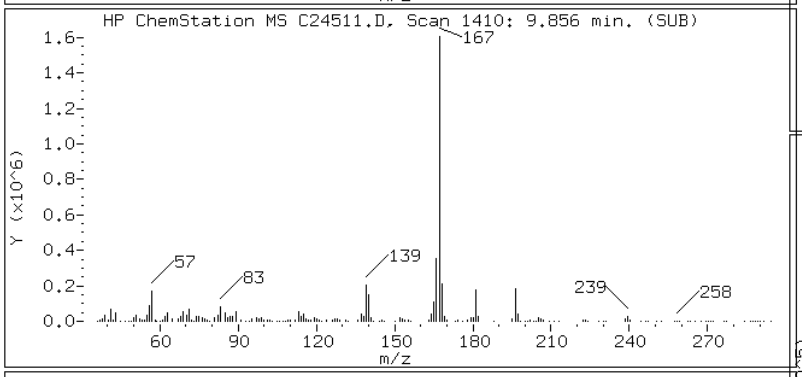
Client ID: SB142B_2-3 Instrument: msc.i

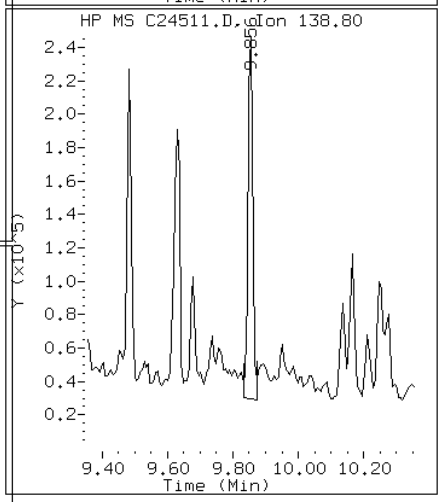
Sample Info: 220-16030-B-1-A Operator: S.Jonas

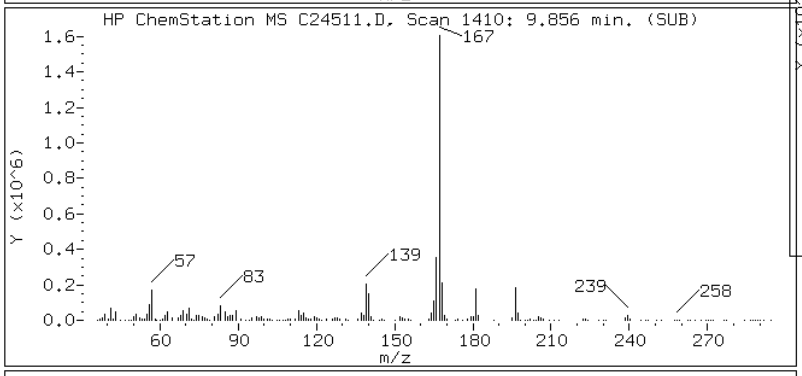
65 Carbazole

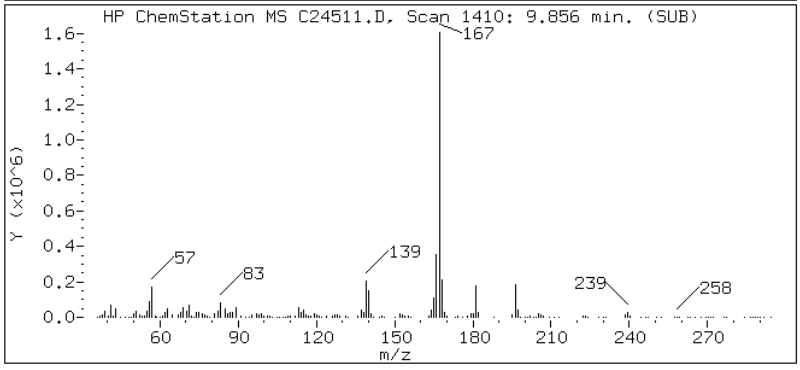












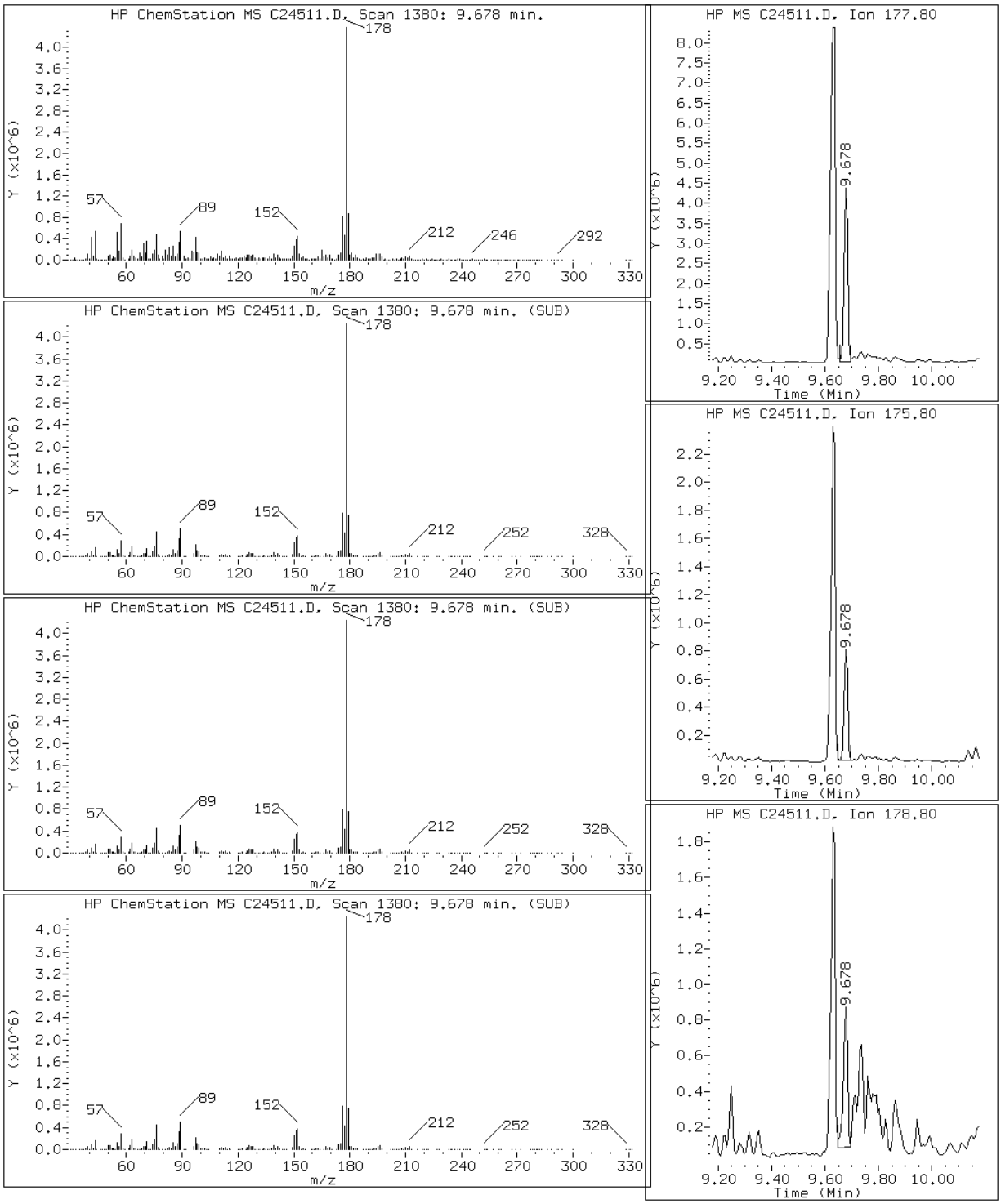
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

66 Anthracene



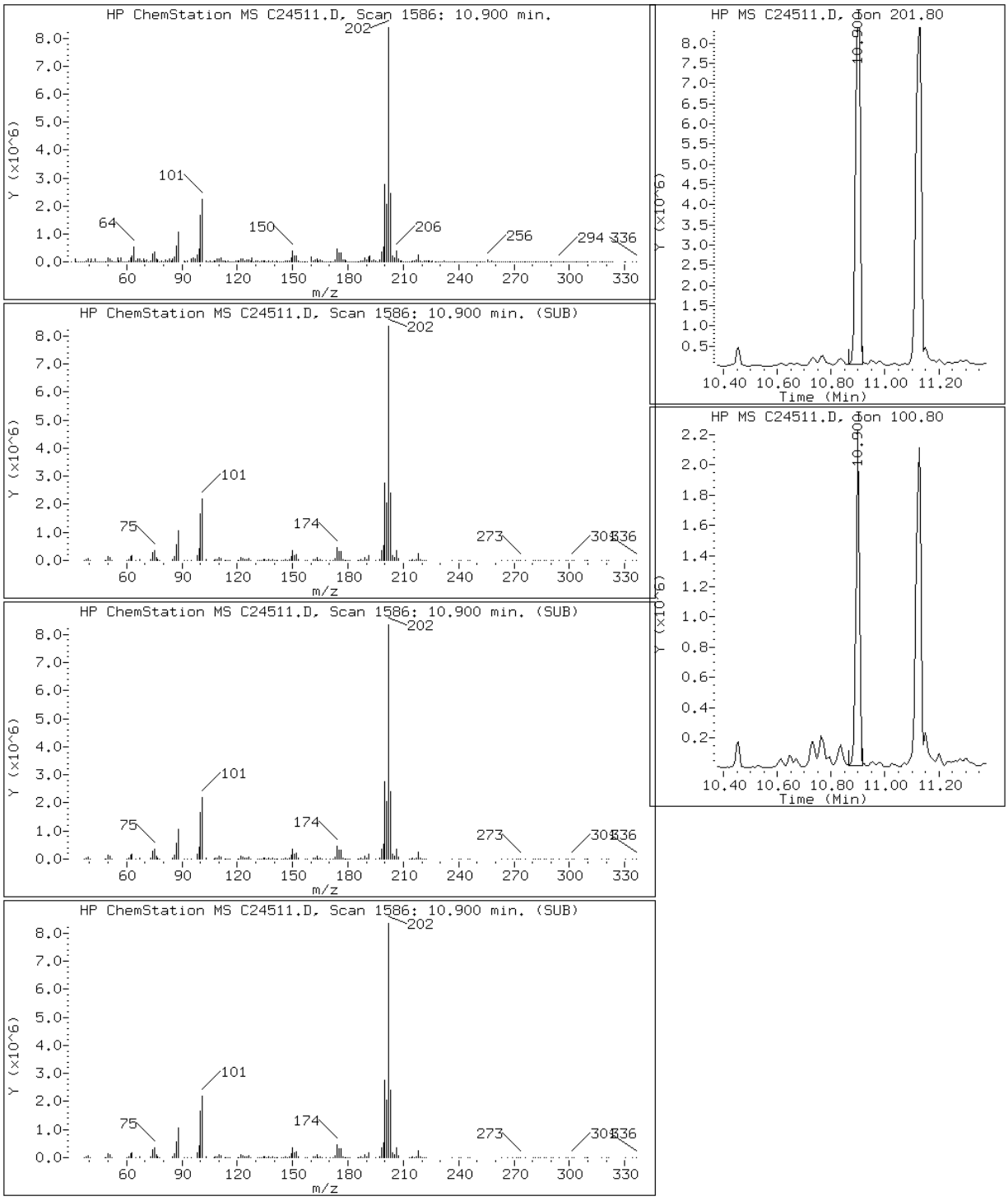
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

68 Fluoranthene



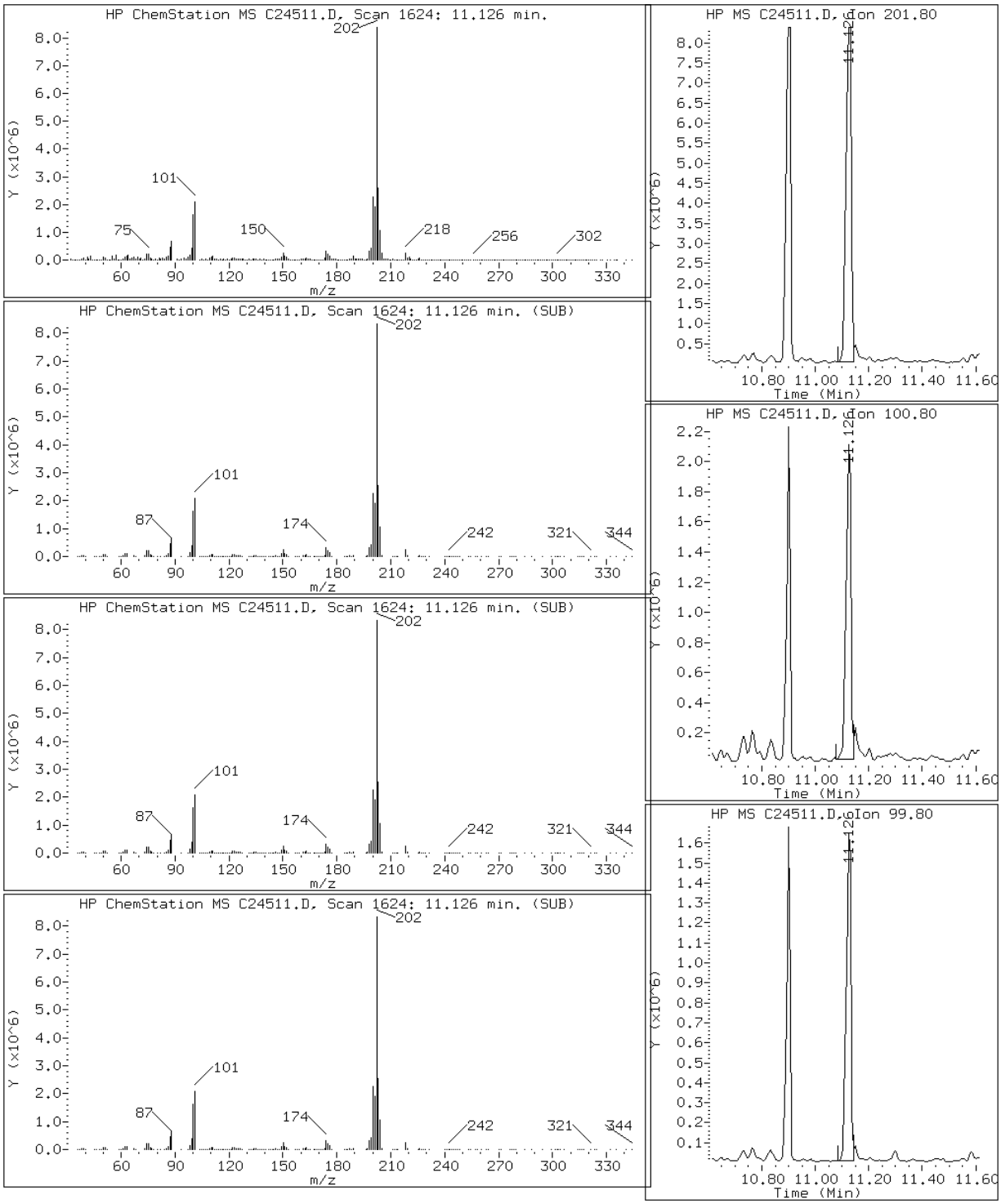
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

72 Pyrene



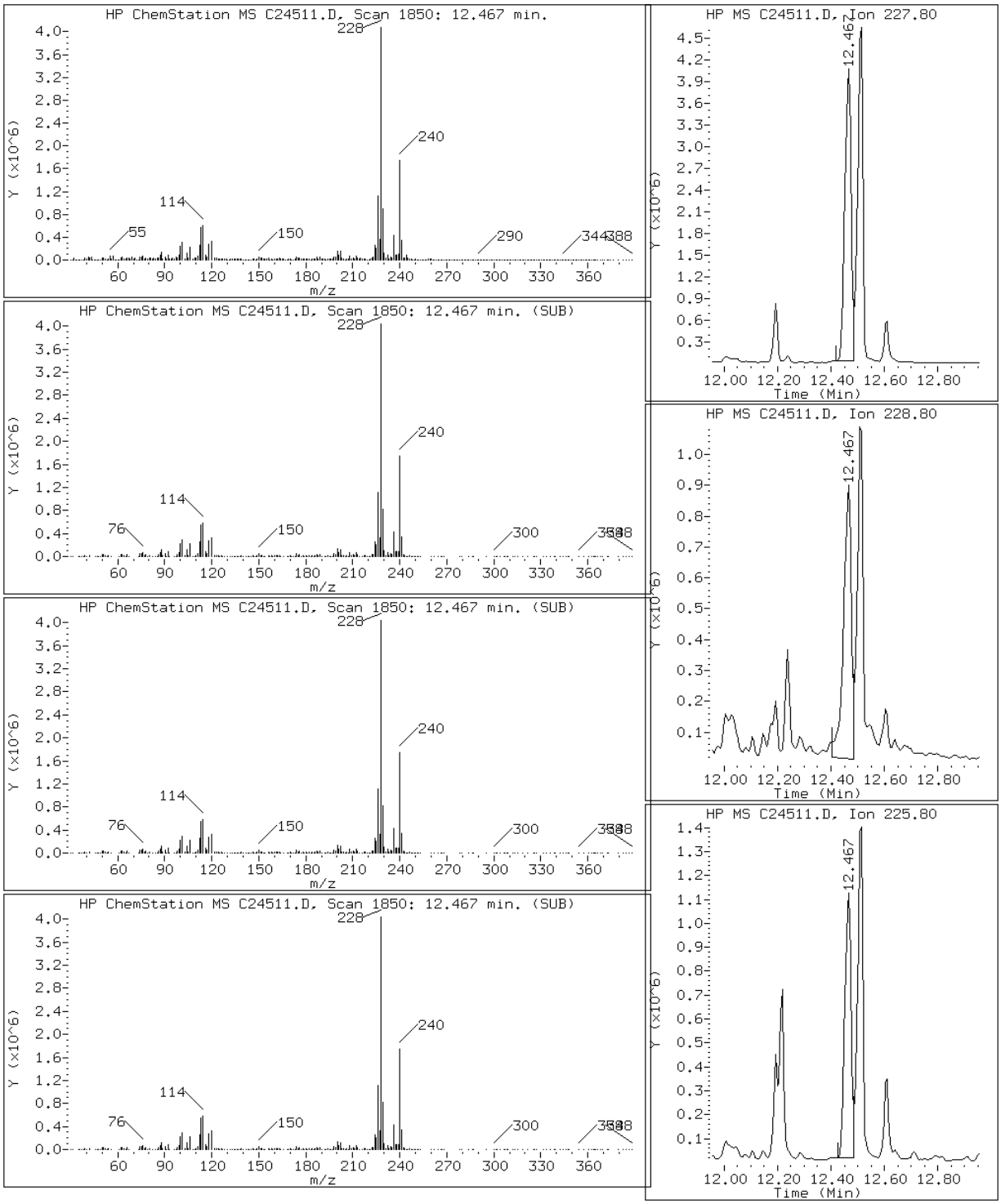
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

76 Benzo(a)anthracene



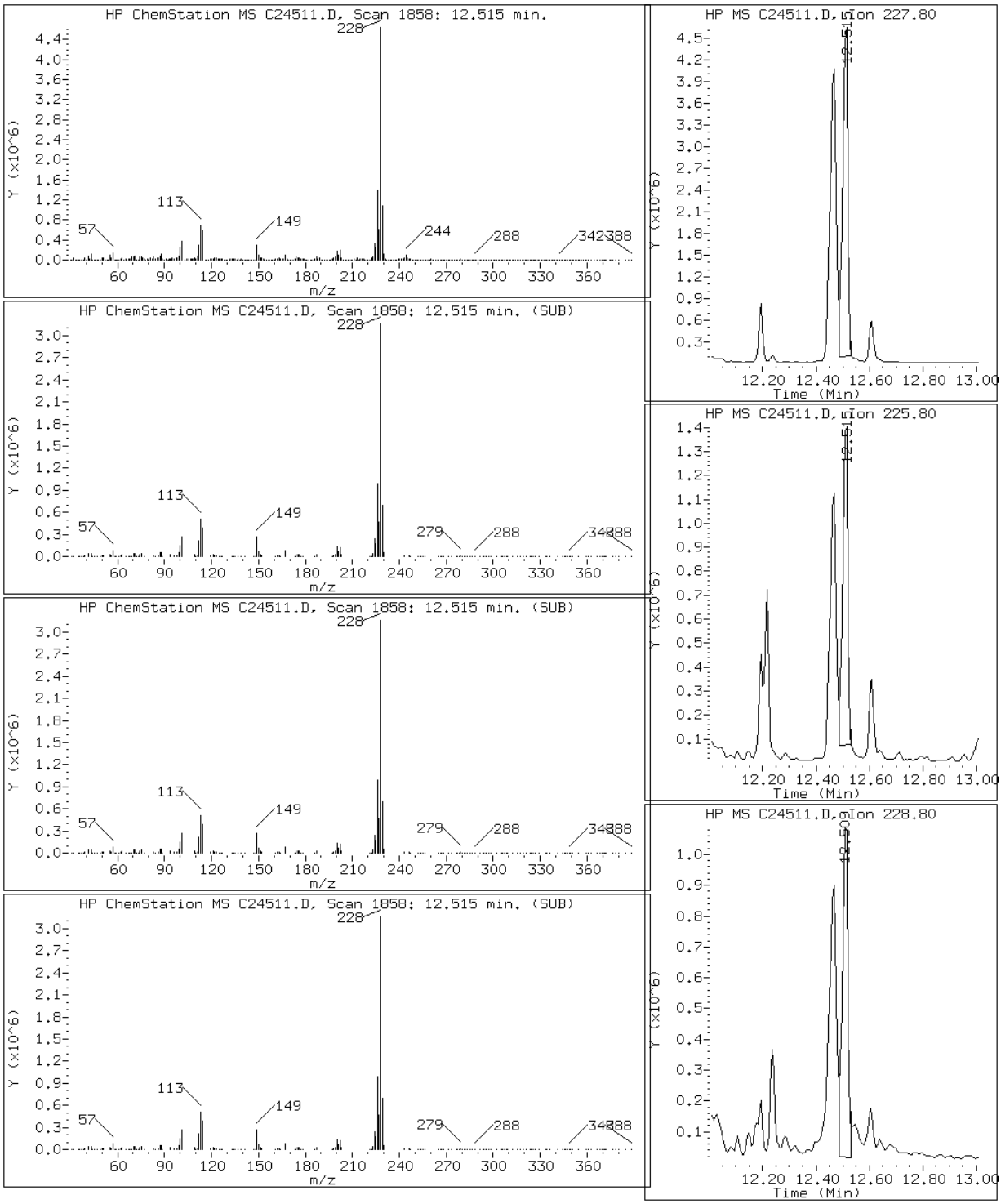
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

77 Chrysene



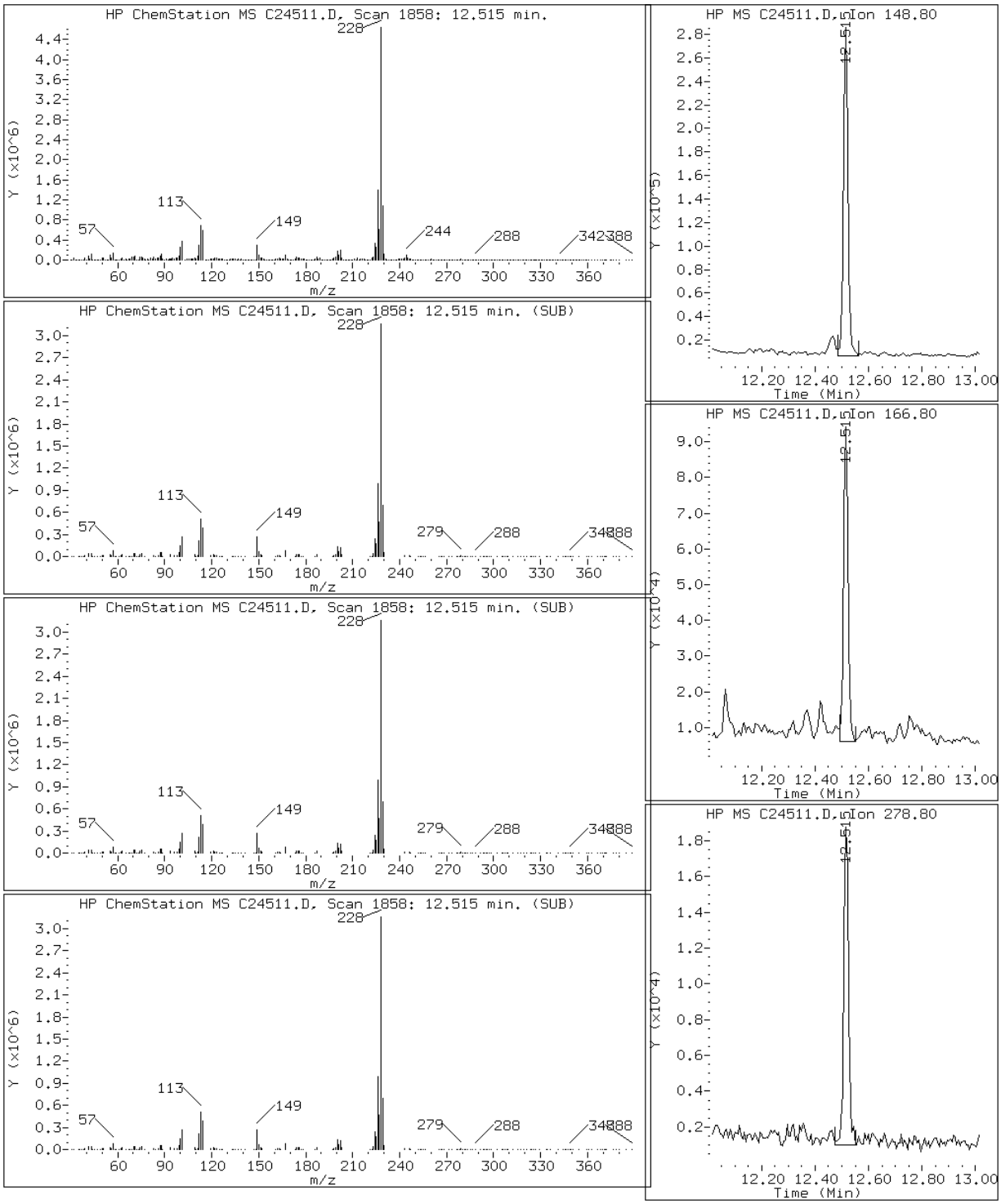
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



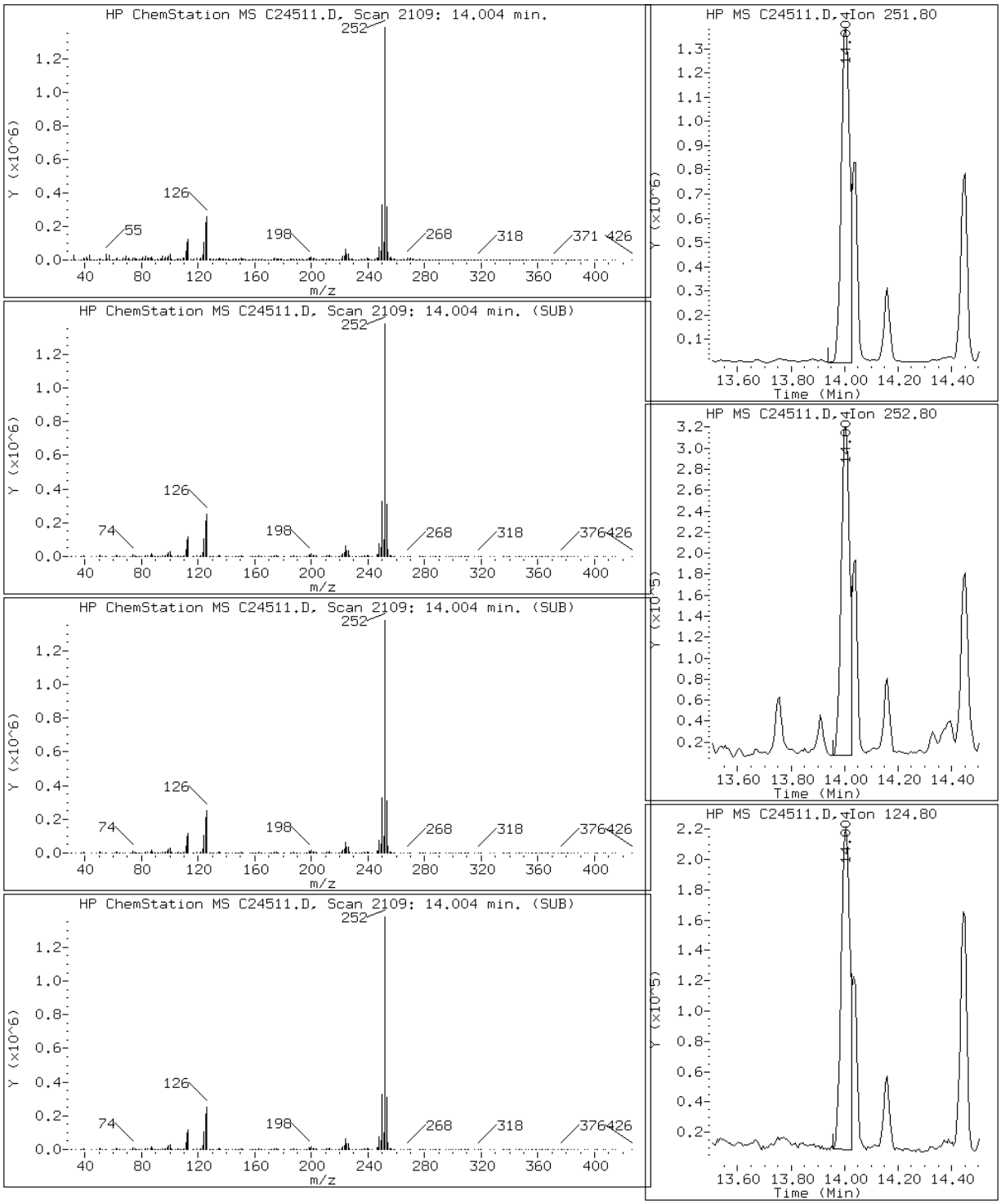
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

81 Benzo(b)fluoranthene



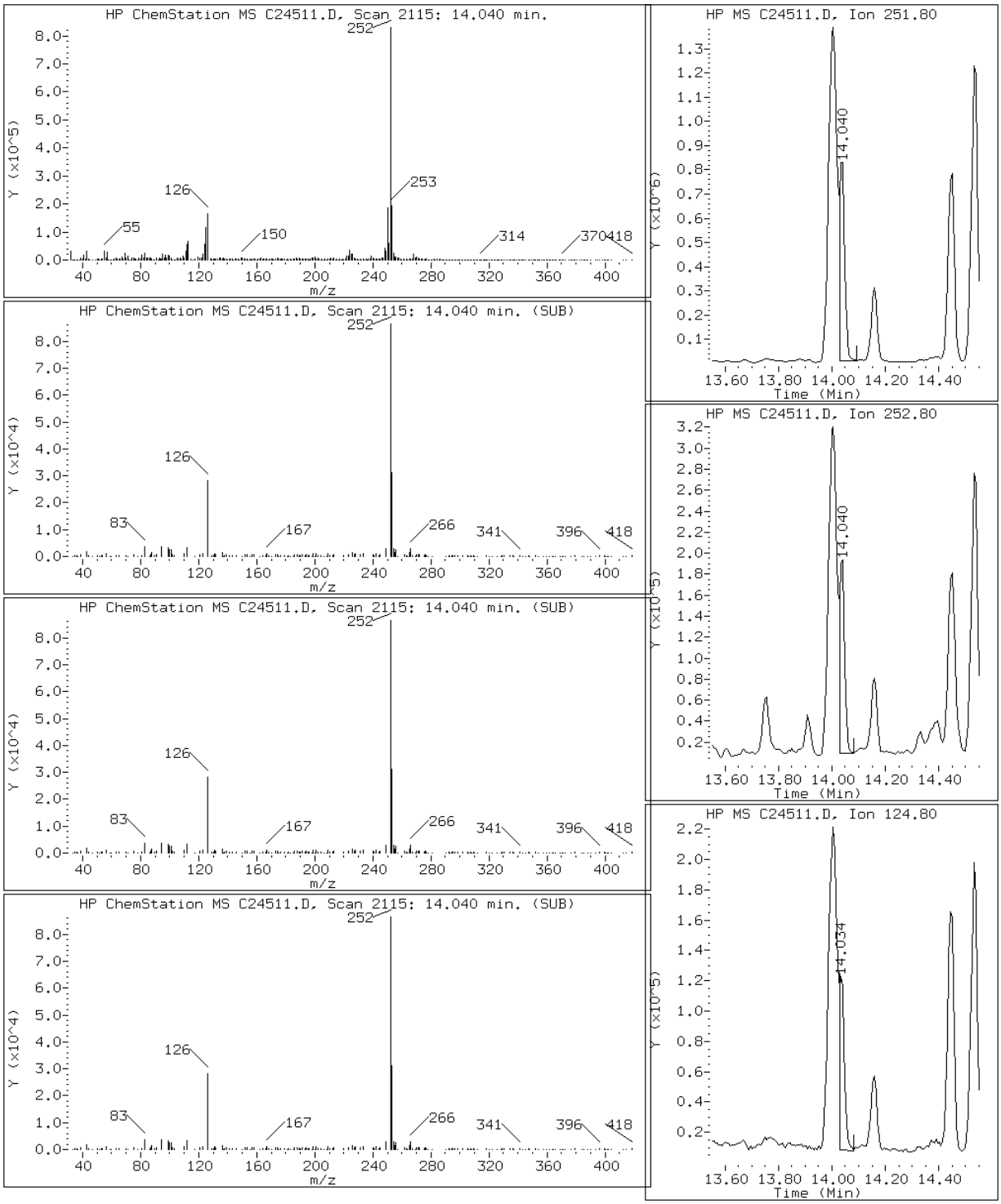
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

82 Benzo(k)fluoranthene



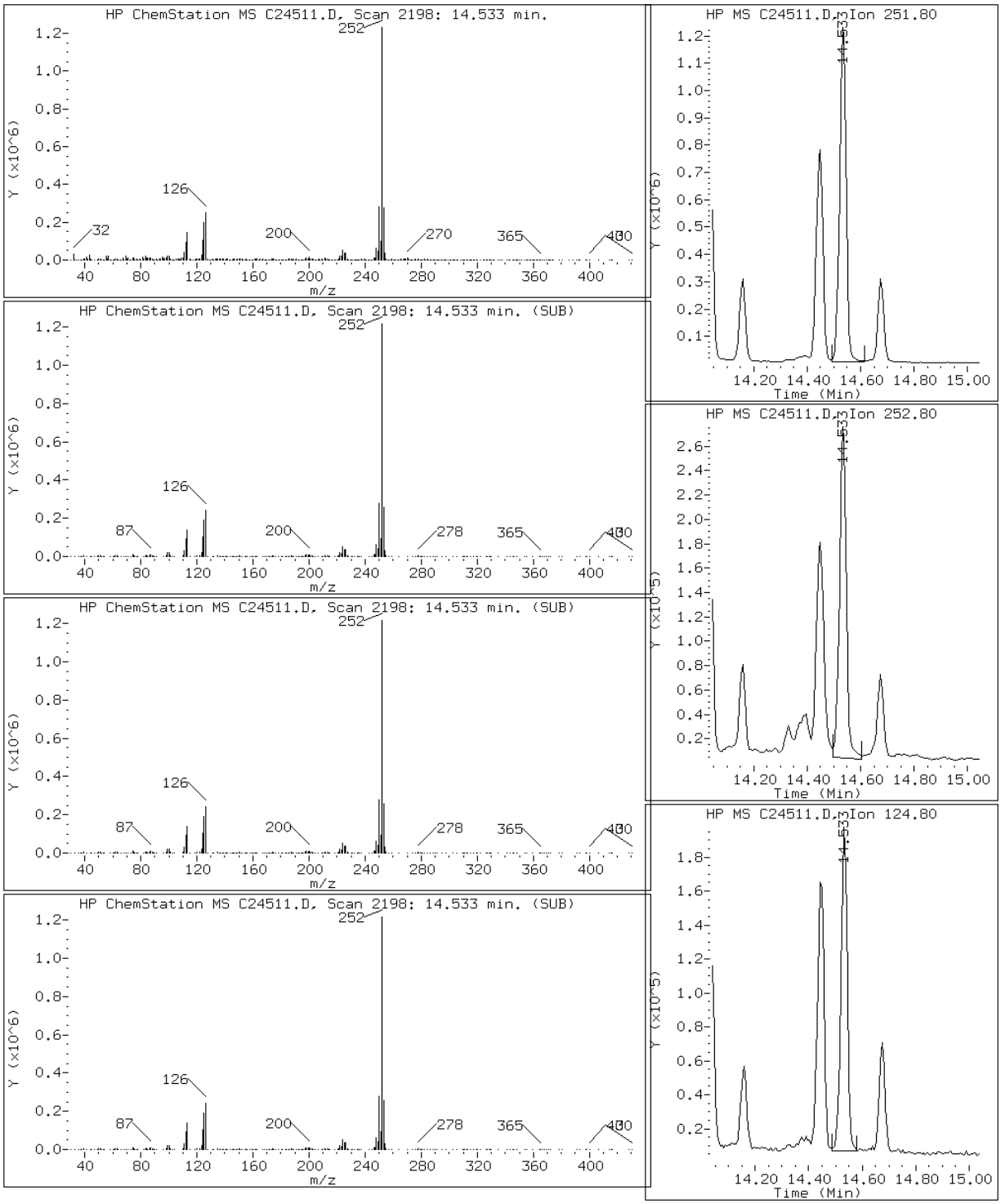
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

83 Benzo(a)pyrene



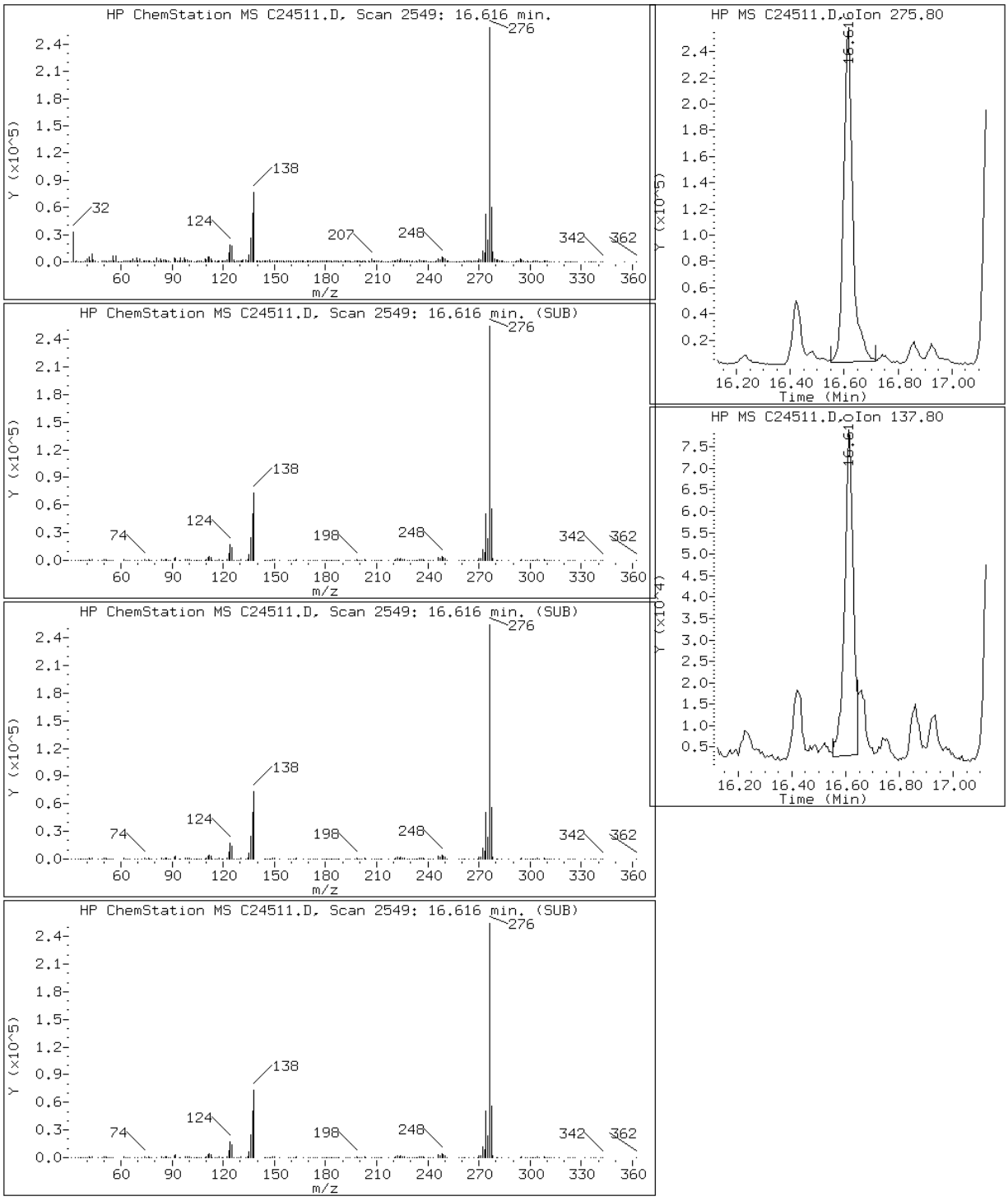
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

84 Indeno(1,2,3-cd)pyrene



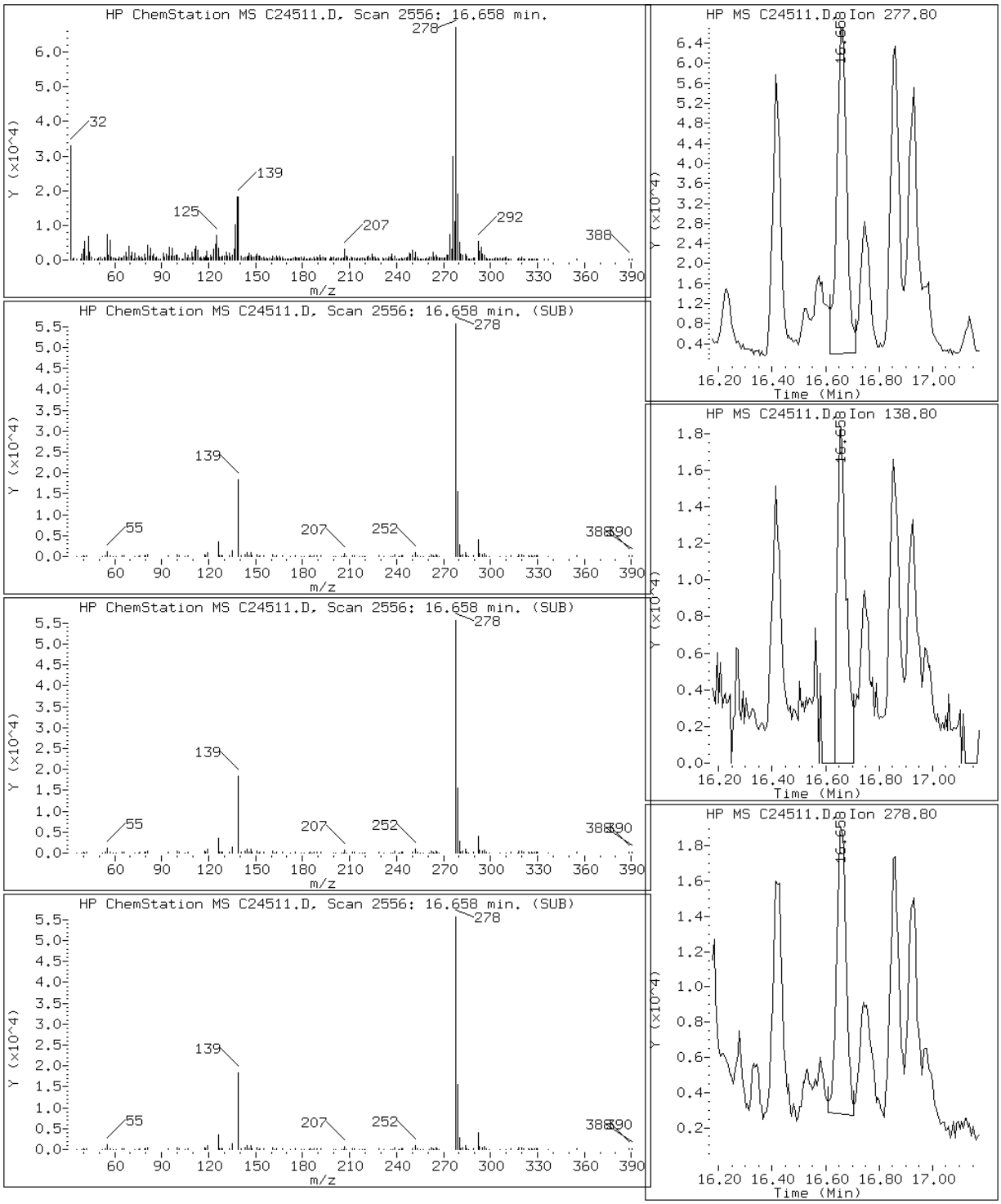
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

85 Dibenzo(a,h)anthracene



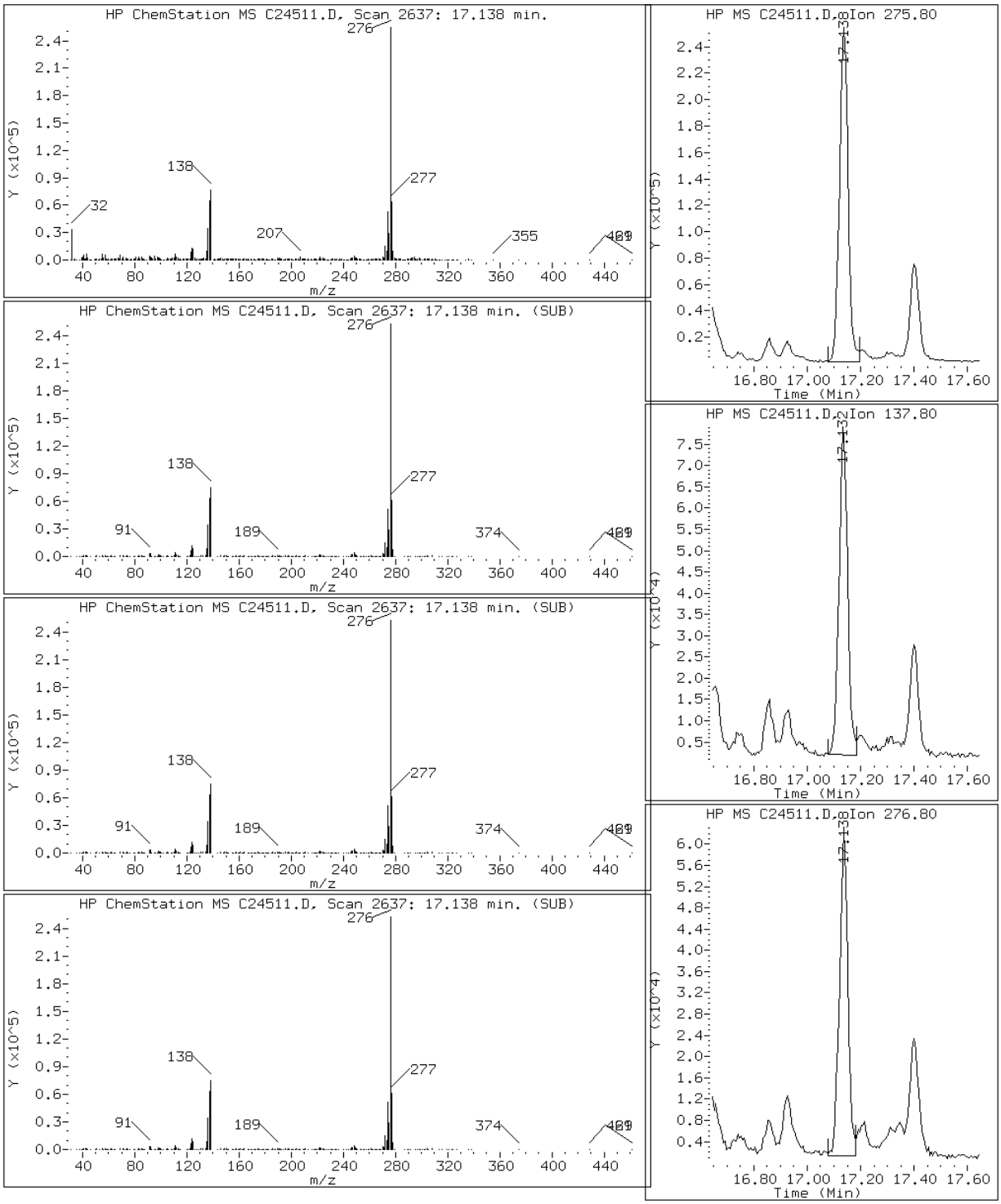
Data File: C24511.D

Date: 27-JUL-2011 15:09

Client ID: SB142B_2-3 Instrument: msc.i

Sample Info: 220-16030-B-1-A Operator: S.Jonas

86 Benzo(g,h,i)perylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: C24503.D

Analysis Method: 8270C | Date Collected: 07/13/2011 10:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.02(g) | Date Analyzed: 07/27/2011 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	310	U	310	20
111-44-4	Bis(2-chloroethyl)ether	310	U	310	16
95-57-8	2-Chlorophenol	310	U	310	18
541-73-1	1,3-Dichlorobenzene	310	U	310	15
106-46-7	1,4-Dichlorobenzene	310	U	310	18
100-51-6	Benzyl alcohol	310	U	310	29
95-50-1	1,2-Dichlorobenzene	310	U	310	18
108-60-1	2,2'-oxybis[1-chloropropane]	310	U	310	16
95-48-7	2-Methylphenol	310	U	310	18
67-72-1	Hexachloroethane	310	U	310	18
621-64-7	N-Nitrosodi-n-propylamine	310	U	310	21
106-44-5	4-Methylphenol	310	U	310	20
98-95-3	Nitrobenzene	310	U	310	20
78-59-1	Isophorone	310	U	310	17
88-75-5	2-Nitrophenol	310	U	310	19
105-67-9	2,4-Dimethylphenol	310	U	310	15
111-91-1	Bis(2-chloroethoxy)methane	310	U	310	14
120-83-2	2,4-Dichlorophenol	310	U	310	16
120-82-1	1,2,4-Trichlorobenzene	310	U	310	20
91-20-3	Naphthalene	310	U	310	16
106-47-8	4-Chloroaniline	310	U	310	50
87-68-3	Hexachlorobutadiene	310	U	310	24
59-50-7	4-Chloro-3-methylphenol	310	U	310	13
91-57-6	2-Methylnaphthalene	310	U	310	8.8
77-47-4	Hexachlorocyclopentadiene	760	U	760	140
88-06-2	2,4,6-Trichlorophenol	310	U	310	8.4
95-95-4	2,4,5-Trichlorophenol	1900	U	1900	16
91-58-7	2-Chloronaphthalene	310	U	310	13
88-74-4	2-Nitroaniline	760	U	760	19
208-96-8	Acenaphthylene	310	U	310	15
131-11-3	Dimethyl phthalate	310	U	310	18
606-20-2	2,6-Dinitrotoluene	310	U	310	9.0
83-32-9	Acenaphthene	310	U	310	18
99-09-2	3-Nitroaniline	760	U	760	9.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: C24503.D

Analysis Method: 8270C | Date Collected: 07/13/2011 10:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.02(g) | Date Analyzed: 07/27/2011 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1900	U	1900	92
132-64-9	Dibenzofuran	310	U	310	22
121-14-2	2,4-Dinitrotoluene	310	U	310	25
100-02-7	4-Nitrophenol	1900	U	1900	23
86-73-7	Fluorene	310	U	310	18
7005-72-3	4-Chlorophenyl phenyl ether	310	U	310	23
84-66-2	Diethyl phthalate	310	U	310	31
100-01-6	4-Nitroaniline	310	U	310	24
534-52-1	4,6-Dinitro-2-methylphenol	1900	U	1900	130
86-30-6	N-Nitrosodiphenylamine	310	U	310	17
101-55-3	4-Bromophenyl phenyl ether	310	U	310	20
118-74-1	Hexachlorobenzene	310	U	310	21
87-86-5	Pentachlorophenol	760	U	760	190
85-01-8	Phenanthrene	310	U	310	15
86-74-8	Carbazole	310	U	310	17
120-12-7	Anthracene	310	U	310	12
84-74-2	Di-n-butyl phthalate	310	U	310	45
206-44-0	Fluoranthene	310	U	310	15
129-00-0	Pyrene	24	J	310	14
85-68-7	Butyl benzyl phthalate	310	U	310	17
91-94-1	3,3'-Dichlorobenzidine	380	U	380	63
56-55-3	Benzo[a]anthracene	310	U	310	11
218-01-9	Chrysene	310	U	310	23
117-81-7	Bis(2-ethylhexyl) phthalate	300	J B	310	30
117-84-0	Di-n-octyl phthalate	310	U	310	17
205-99-2	Benzo[b]fluoranthene	310	U	310	8.2
207-08-9	Benzo[k]fluoranthene	310	U	310	28
50-32-8	Benzo[a]pyrene	310	U	310	8.3
193-39-5	Indeno[1,2,3-cd]pyrene	310	U	310	20
53-70-3	Dibenz(a,h)anthracene	310	U	310	24
191-24-2	Benzo[g,h,i]perylene	310	U	310	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_3-4 | Lab Sample ID: 220-16030-2

Matrix: Solid | Lab File ID: C24503.D

Analysis Method: 8270C | Date Collected: 07/13/2011 10:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.02(g) | Date Analyzed: 07/27/2011 11:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	68		36-120
4165-60-0	Nitrobenzene-d5	64		38-120
321-60-8	2-Fluorobiphenyl	64		41-120
118-79-6	2,4,6-Tribromophenol	77		37-120
1718-51-0	Terphenyl-d14	64		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24503.D
Lab Smp Id: 220-16030-B-2-A Client Smp ID: SB142B_3-4
Inj Date : 27-JUL-2011 11:06
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-2-A
Misc Info : 220-16030-B-2-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.020	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	12.385	% Moisture
Cpnd Variable		Local Compound Variable

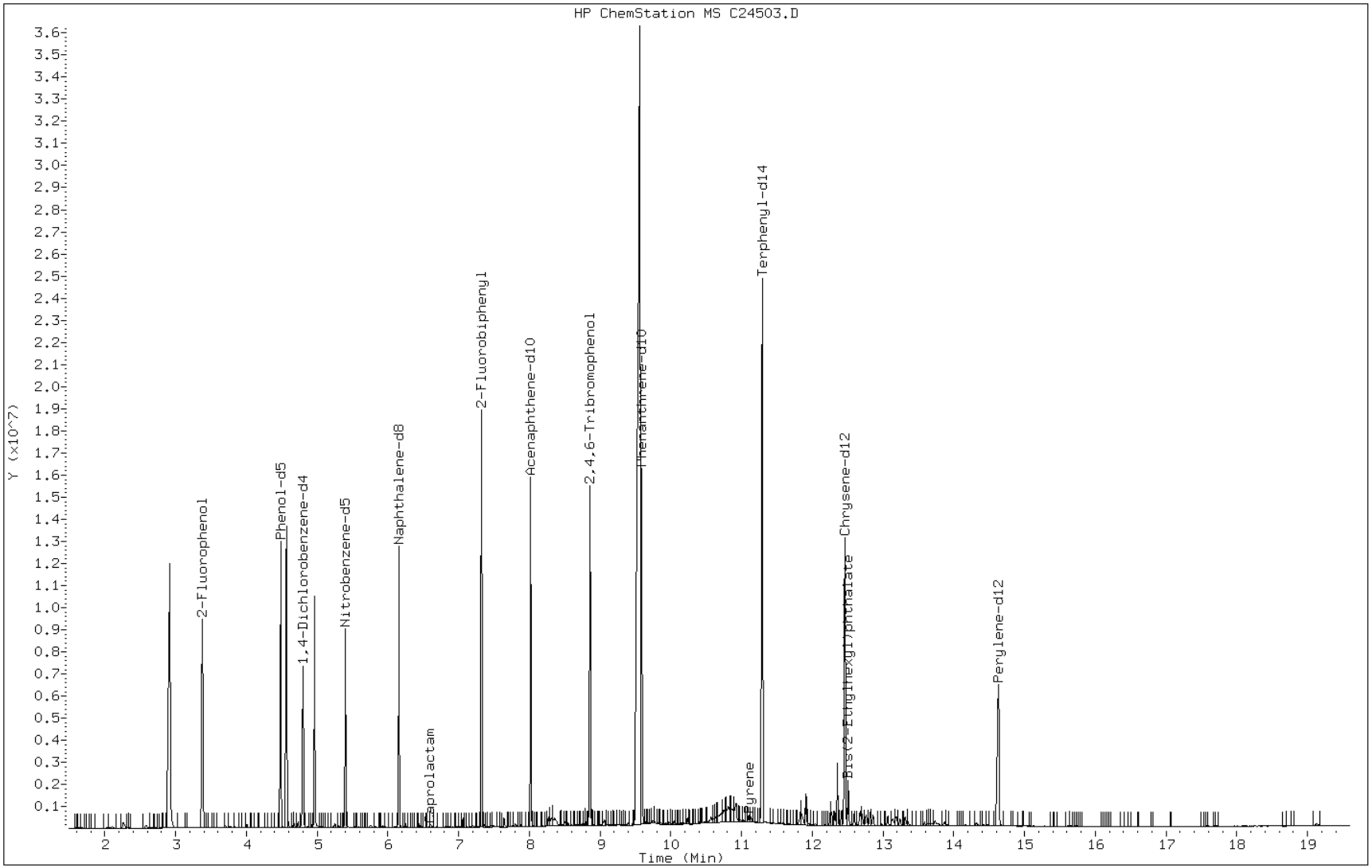
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1182249	20.0000	
$	2	2-Fluorophenol	112	3.380	3.356	(0.704)	3180080	49.0132	3700
$	3	Phenol-d5	99	4.490	4.490	(0.936)	4490443	50.6603	3800
*	20	Naphthalene-d8	136	6.158	6.163	(1.000)	4938718	20.0000	
$	21	Nitrobenzene-d5	82	5.398	5.409	(0.877)	2736559	32.2020	2400
	129	Caprolactam	113	6.591	6.686	(1.070)	15995	0.67421	51
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3095293	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5806763	31.8264	2400
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1530754	57.5049	4400
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5600085	20.0000	
*	70	Chrysene-d12	240	12.461	12.472	(1.000)	5678703	20.0000	
	72	Pyrene	202	11.102	11.113	(0.891)	109594	0.31099	24
$	73	Terphenyl-d14	244	11.292	11.291	(0.906)	7781542	31.8985	2400
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	644509	3.98018	300
*	79	Perylene-d12	264	14.633	14.633	(1.000)	4103981	20.0000	

Data File: C24503.D

Date: 27-JUL-2011 11:06

Client ID: SB142B_3-4 Instrument: msc.i

Sample Info: 220-16030-B-2-A Operator: S.Jonas



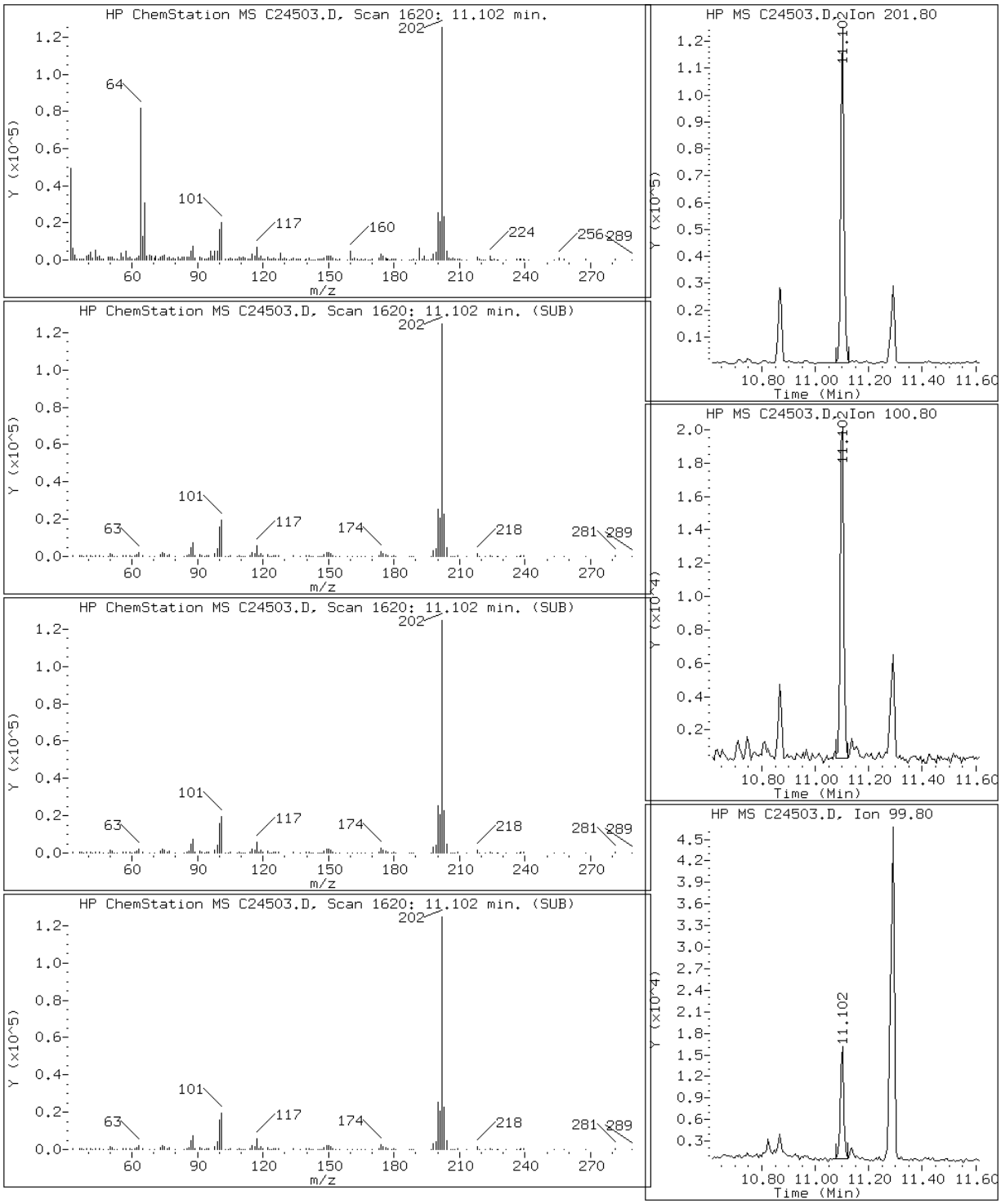
Data File: C24503.D

Date: 27-JUL-2011 11:06

Client ID: SB142B_3-4 Instrument: msc.i

Sample Info: 220-16030-B-2-A Operator: S.Jonas

72 Pyrene



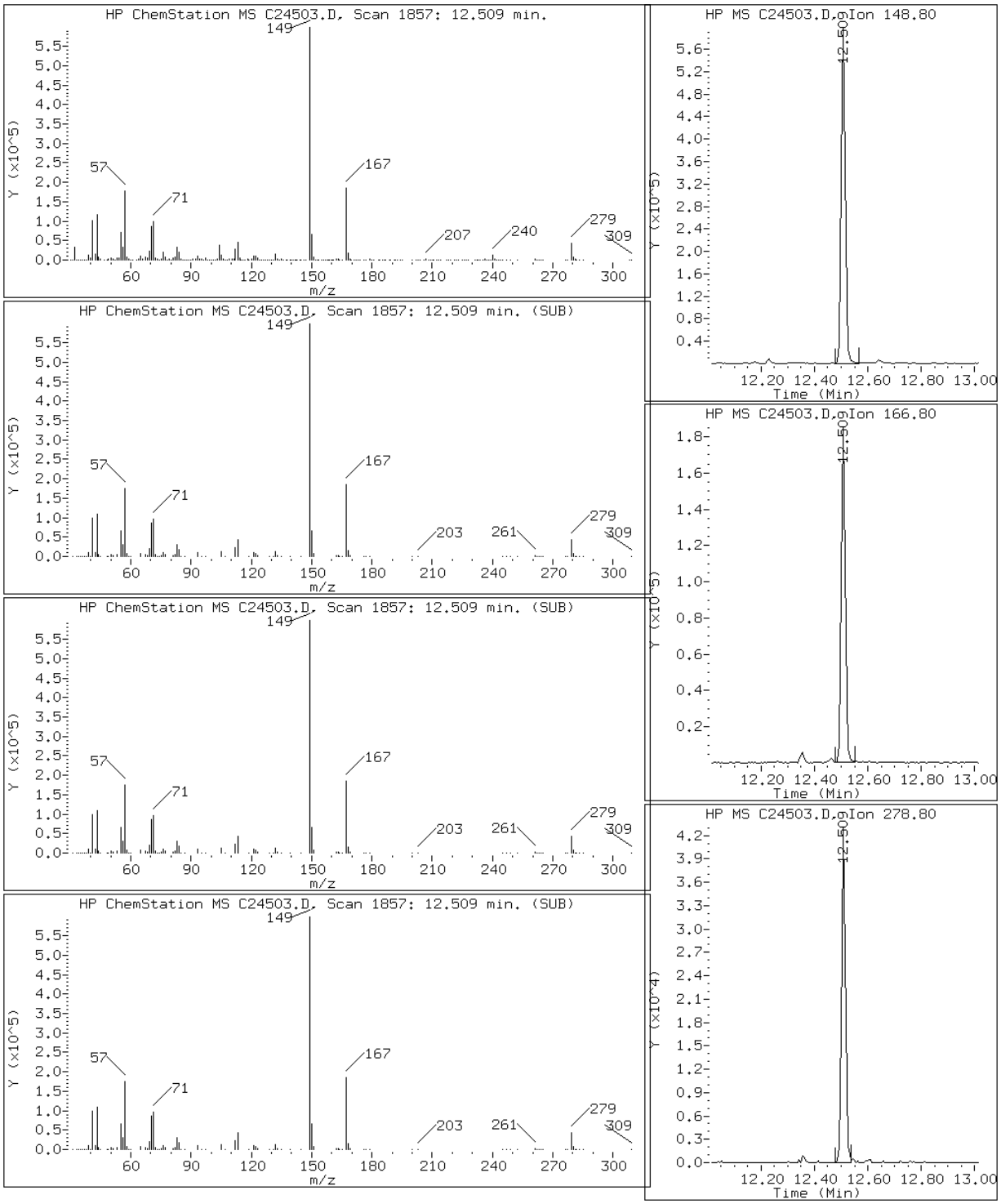
Data File: C24503.D

Date: 27-JUL-2011 11:06

Client ID: SB142B_3-4 Instrument: msc.i

Sample Info: 220-16030-B-2-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: C24504.D

Analysis Method: 8270C | Date Collected: 07/14/2011 12:20

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.40(g) | Date Analyzed: 07/27/2011 11:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	25
111-44-4	Bis(2-chloroethyl)ether	370	U	370	19
95-57-8	2-Chlorophenol	370	U	370	21
541-73-1	1,3-Dichlorobenzene	370	U	370	18
106-46-7	1,4-Dichlorobenzene	370	U	370	22
100-51-6	Benzyl alcohol	370	U	370	35
95-50-1	1,2-Dichlorobenzene	370	U	370	22
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	19
95-48-7	2-Methylphenol	370	U	370	22
67-72-1	Hexachloroethane	370	U	370	21
621-64-7	N-Nitrosodi-n-propylamine	370	U	370	25
106-44-5	4-Methylphenol	370	U	370	24
98-95-3	Nitrobenzene	370	U	370	24
78-59-1	Isophorone	370	U	370	20
88-75-5	2-Nitrophenol	370	U	370	23
105-67-9	2,4-Dimethylphenol	370	U	370	18
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	17
120-83-2	2,4-Dichlorophenol	370	U	370	20
120-82-1	1,2,4-Trichlorobenzene	370	U	370	24
91-20-3	Naphthalene	370	U	370	19
106-47-8	4-Chloroaniline	370	U	370	60
87-68-3	Hexachlorobutadiene	370	U	370	28
59-50-7	4-Chloro-3-methylphenol	370	U	370	15
91-57-6	2-Methylnaphthalene	370	U	370	11
77-47-4	Hexachlorocyclopentadiene	920	U	920	170
88-06-2	2,4,6-Trichlorophenol	370	U	370	10
95-95-4	2,4,5-Trichlorophenol	2300	U	2300	19
91-58-7	2-Chloronaphthalene	370	U	370	16
88-74-4	2-Nitroaniline	920	U	920	22
208-96-8	Acenaphthylene	370	U	370	18
131-11-3	Dimethyl phthalate	370	U	370	21
606-20-2	2,6-Dinitrotoluene	370	U	370	11
83-32-9	Acenaphthene	370	U	370	22
99-09-2	3-Nitroaniline	920	U	920	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: C24504.D

Analysis Method: 8270C | Date Collected: 07/14/2011 12:20

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.40(g) | Date Analyzed: 07/27/2011 11:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2300	U	2300	110
132-64-9	Dibenzofuran	370	U	370	26
121-14-2	2,4-Dinitrotoluene	370	U	370	29
100-02-7	4-Nitrophenol	2300	U	2300	28
86-73-7	Fluorene	370	U	370	22
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	27
84-66-2	Diethyl phthalate	370	U	370	37
100-01-6	4-Nitroaniline	370	U	370	28
534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	160
86-30-6	N-Nitrosodiphenylamine	370	U	370	21
101-55-3	4-Bromophenyl phenyl ether	370	U	370	24
118-74-1	Hexachlorobenzene	370	U	370	26
87-86-5	Pentachlorophenol	920	U	920	220
85-01-8	Phenanthrene	370	U	370	18
86-74-8	Carbazole	370	U	370	21
120-12-7	Anthracene	370	U	370	14
84-74-2	Di-n-butyl phthalate	370	U	370	54
206-44-0	Fluoranthene	370	U	370	18
129-00-0	Pyrene	370	U	370	17
85-68-7	Butyl benzyl phthalate	370	U	370	21
91-94-1	3,3'-Dichlorobenzidine	450	U	450	76
56-55-3	Benzo[a]anthracene	370	U	370	13
218-01-9	Chrysene	370	U	370	27
117-81-7	Bis(2-ethylhexyl) phthalate	270	J B	370	36
117-84-0	Di-n-octyl phthalate	370	U	370	21
205-99-2	Benzo[b]fluoranthene	370	U	370	9.9
207-08-9	Benzo[k]fluoranthene	370	U	370	33
50-32-8	Benzo[a]pyrene	370	U	370	10
193-39-5	Indeno[1,2,3-cd]pyrene	370	U	370	24
53-70-3	Dibenz(a,h)anthracene	370	U	370	29
191-24-2	Benzo[g,h,i]perylene	370	U	370	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB142B_22-22.5 | Lab Sample ID: 220-16030-3

Matrix: Solid | Lab File ID: C24504.D

Analysis Method: 8270C | Date Collected: 07/14/2011 12:20

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.40(g) | Date Analyzed: 07/27/2011 11:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	62		34-120
4165-62-2	Phenol-d5	63		36-120
4165-60-0	Nitrobenzene-d5	62		38-120
321-60-8	2-Fluorobiphenyl	59		41-120
118-79-6	2,4,6-Tribromophenol	70		37-120
1718-51-0	Terphenyl-d14	58		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24504.D
Lab Smp Id: 220-16030-B-3-A Client Smp ID: SB142B_22-22.5
Inj Date : 27-JUL-2011 11:36
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-3-A
Misc Info : 220-16030-B-3-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.400	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	28.841	% Moisture
Cpnd Variable		Local Compound Variable

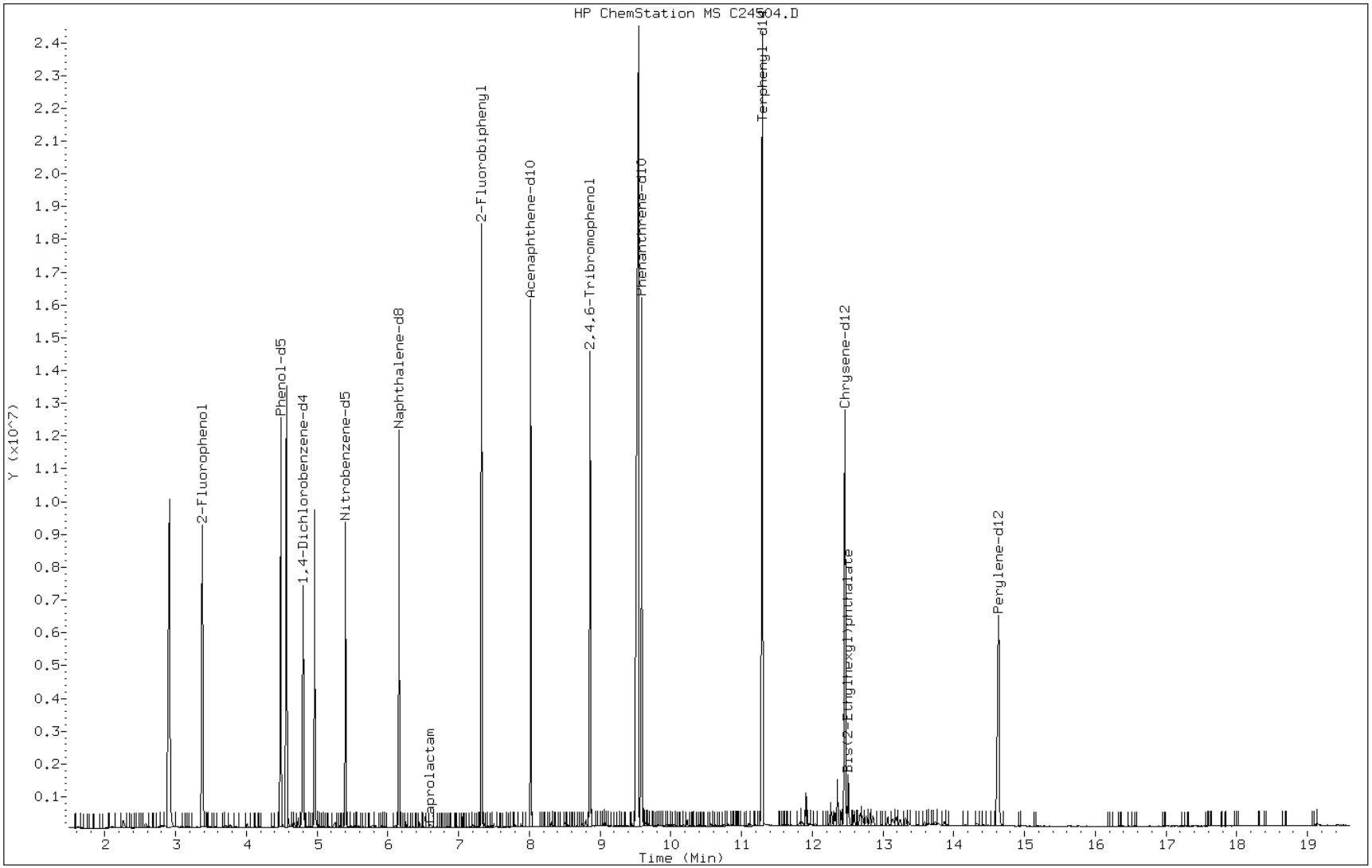
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1179863	20.0000	
$	2	2-Fluorophenol	112	3.380	3.356	(0.704)	3027938	46.7626	4300
$	3	Phenol-d5	99	4.490	4.490	(0.935)	4198069	47.4576	4300
*	20	Naphthalene-d8	136	6.157	6.163	(1.000)	4855744	20.0000	
$	21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2577015	30.8427	2800
	129	Caprolactam	113	6.591	6.686	(1.070)	11852	0.50811	46
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3147790	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5441516	29.3271	2700
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1420810	52.4846	4800
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5567535	20.0000	
*	70	Chrysene-d12	240	12.461	12.472	(1.000)	5773419	20.0000	
$	73	Terphenyl-d14	244	11.291	11.291	(0.906)	7225494	29.1332	2700
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	490808	2.98127	270
*	79	Perylene-d12	264	14.633	14.633	(1.000)	4089267	20.0000	

Data File: C24504.D

Date: 27-JUL-2011 11:36

Client ID: SB142B_22-22.5 Instrument: msc.i

Sample Info: 220-16030-B-3-A Operator: S.Jonas



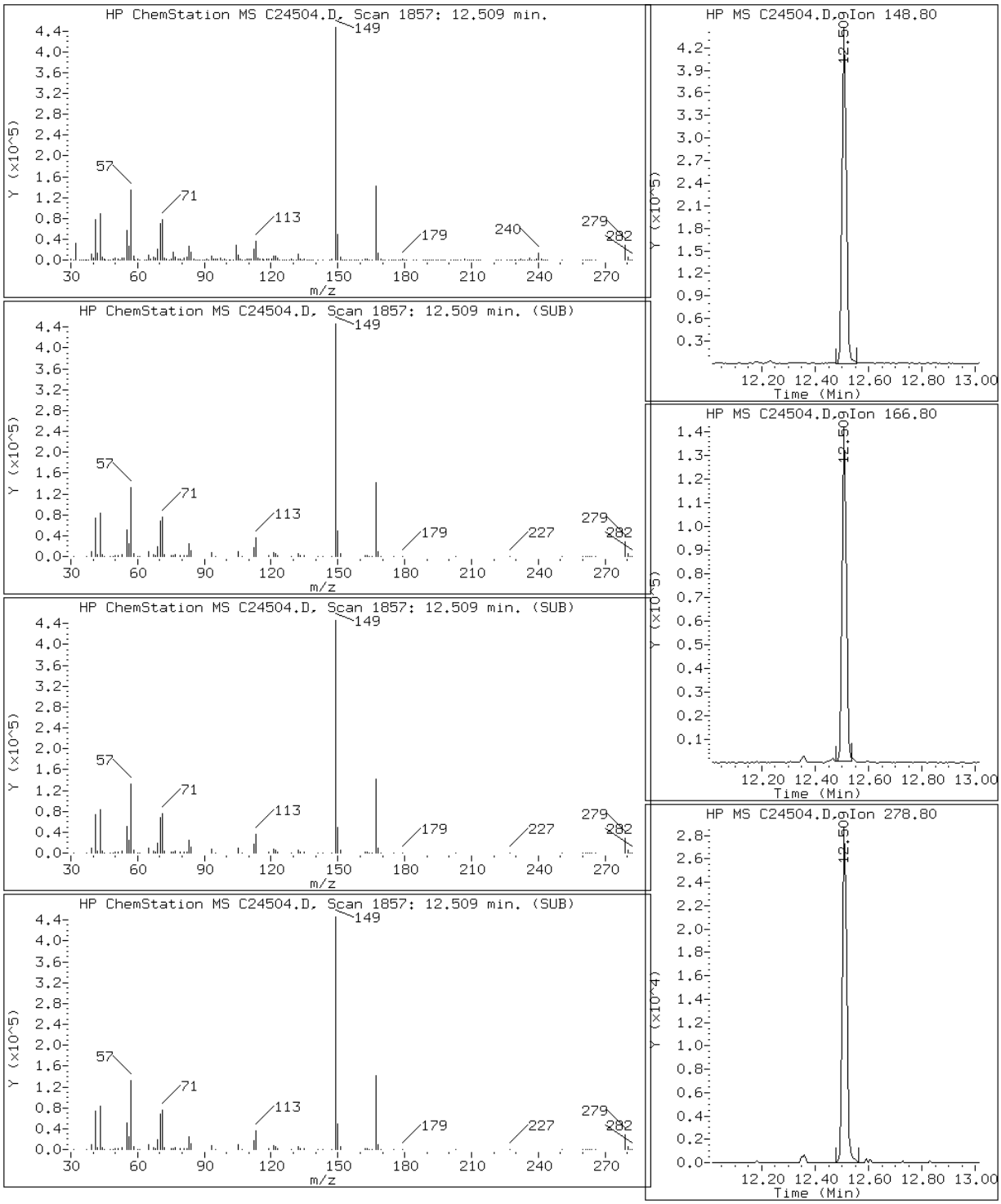
Data File: C24504.D

Date: 27-JUL-2011 11:36

Client ID: SB142B_22-22.5 Instrument: msc.i

Sample Info: 220-16030-B-3-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 | Lab Sample ID: 220-16030-4

Matrix: Solid | Lab File ID: C24505.D

Analysis Method: 8270C | Date Collected: 07/14/2011 15:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.60(g) | Date Analyzed: 07/27/2011 12:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	320	U	320	22
111-44-4	Bis(2-chloroethyl)ether	320	U	320	17
95-57-8	2-Chlorophenol	320	U	320	19
541-73-1	1,3-Dichlorobenzene	320	U	320	16
106-46-7	1,4-Dichlorobenzene	320	U	320	19
100-51-6	Benzyl alcohol	320	U	320	31
95-50-1	1,2-Dichlorobenzene	320	U	320	19
108-60-1	2,2'-oxybis[1-chloropropane]	320	U	320	17
95-48-7	2-Methylphenol	320	U	320	19
67-72-1	Hexachloroethane	320	U	320	19
621-64-7	N-Nitrosodi-n-propylamine	320	U	320	22
106-44-5	4-Methylphenol	320	U	320	21
98-95-3	Nitrobenzene	320	U	320	21
78-59-1	Isophorone	320	U	320	18
88-75-5	2-Nitrophenol	320	U	320	20
105-67-9	2,4-Dimethylphenol	320	U	320	16
111-91-1	Bis(2-chloroethoxy)methane	320	U	320	15
120-83-2	2,4-Dichlorophenol	320	U	320	17
120-82-1	1,2,4-Trichlorobenzene	320	U	320	21
91-20-3	Naphthalene	320	U	320	17
106-47-8	4-Chloroaniline	320	U	320	53
87-68-3	Hexachlorobutadiene	320	U	320	25
59-50-7	4-Chloro-3-methylphenol	320	U	320	13
91-57-6	2-Methylnaphthalene	320	U	320	9.3
77-47-4	Hexachlorocyclopentadiene	810	U	810	150
88-06-2	2,4,6-Trichlorophenol	320	U	320	8.9
95-95-4	2,4,5-Trichlorophenol	2000	U	2000	16
91-58-7	2-Chloronaphthalene	320	U	320	14
88-74-4	2-Nitroaniline	810	U	810	20
208-96-8	Acenaphthylene	320	U	320	16
131-11-3	Dimethyl phthalate	320	U	320	19
606-20-2	2,6-Dinitrotoluene	320	U	320	9.5
83-32-9	Acenaphthene	320	U	320	19
99-09-2	3-Nitroaniline	810	U	810	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 | Lab Sample ID: 220-16030-4

Matrix: Solid | Lab File ID: C24505.D

Analysis Method: 8270C | Date Collected: 07/14/2011 15:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.60(g) | Date Analyzed: 07/27/2011 12:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2000	U	2000	97
132-64-9	Dibenzofuran	320	U	320	23
121-14-2	2,4-Dinitrotoluene	320	U	320	26
100-02-7	4-Nitrophenol	2000	U	2000	25
86-73-7	Fluorene	320	U	320	19
7005-72-3	4-Chlorophenyl phenyl ether	320	U	320	24
84-66-2	Diethyl phthalate	320	U	320	33
100-01-6	4-Nitroaniline	320	U	320	25
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	140
86-30-6	N-Nitrosodiphenylamine	320	U	320	18
101-55-3	4-Bromophenyl phenyl ether	320	U	320	21
118-74-1	Hexachlorobenzene	320	U	320	22
87-86-5	Pentachlorophenol	810	U	810	200
85-01-8	Phenanthrene	320	U	320	16
86-74-8	Carbazole	320	U	320	18
120-12-7	Anthracene	320	U	320	13
84-74-2	Di-n-butyl phthalate	320	U	320	47
206-44-0	Fluoranthene	320	U	320	16
129-00-0	Pyrene	320	U	320	15
85-68-7	Butyl benzyl phthalate	320	U	320	18
91-94-1	3,3'-Dichlorobenzidine	400	U	400	67
56-55-3	Benzo[a]anthracene	320	U	320	12
218-01-9	Chrysene	320	U	320	24
117-81-7	Bis(2-ethylhexyl) phthalate	59	J B	320	31
117-84-0	Di-n-octyl phthalate	320	U	320	18
205-99-2	Benzo[b]fluoranthene	320	U	320	8.7
207-08-9	Benzo[k]fluoranthene	320	U	320	29
50-32-8	Benzo[a]pyrene	320	U	320	8.8
193-39-5	Indeno[1,2,3-cd]pyrene	320	U	320	21
53-70-3	Dibenz(a,h)anthracene	320	U	320	25
191-24-2	Benzo[g,h,i]perylene	320	U	320	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 3-4 Lab Sample ID: 220-16030-4

Matrix: Solid Lab File ID: C24505.D

Analysis Method: 8270C Date Collected: 07/14/2011 15:30

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.60(g) Date Analyzed: 07/27/2011 12:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	70		34-120
4165-62-2	Phenol-d5	71		36-120
4165-60-0	Nitrobenzene-d5	69		38-120
321-60-8	2-Fluorobiphenyl	65		41-120
118-79-6	2,4,6-Tribromophenol	76		37-120
1718-51-0	Terphenyl-d14	67		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24505.D
Lab Smp Id: 220-16030-B-4-A Client Smp ID: SB-143 3-4
Inj Date : 27-JUL-2011 12:06
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-4-A
Misc Info : 220-16030-B-4-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.600	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	20.043	% Moisture
Cpnd Variable		Local Compound Variable

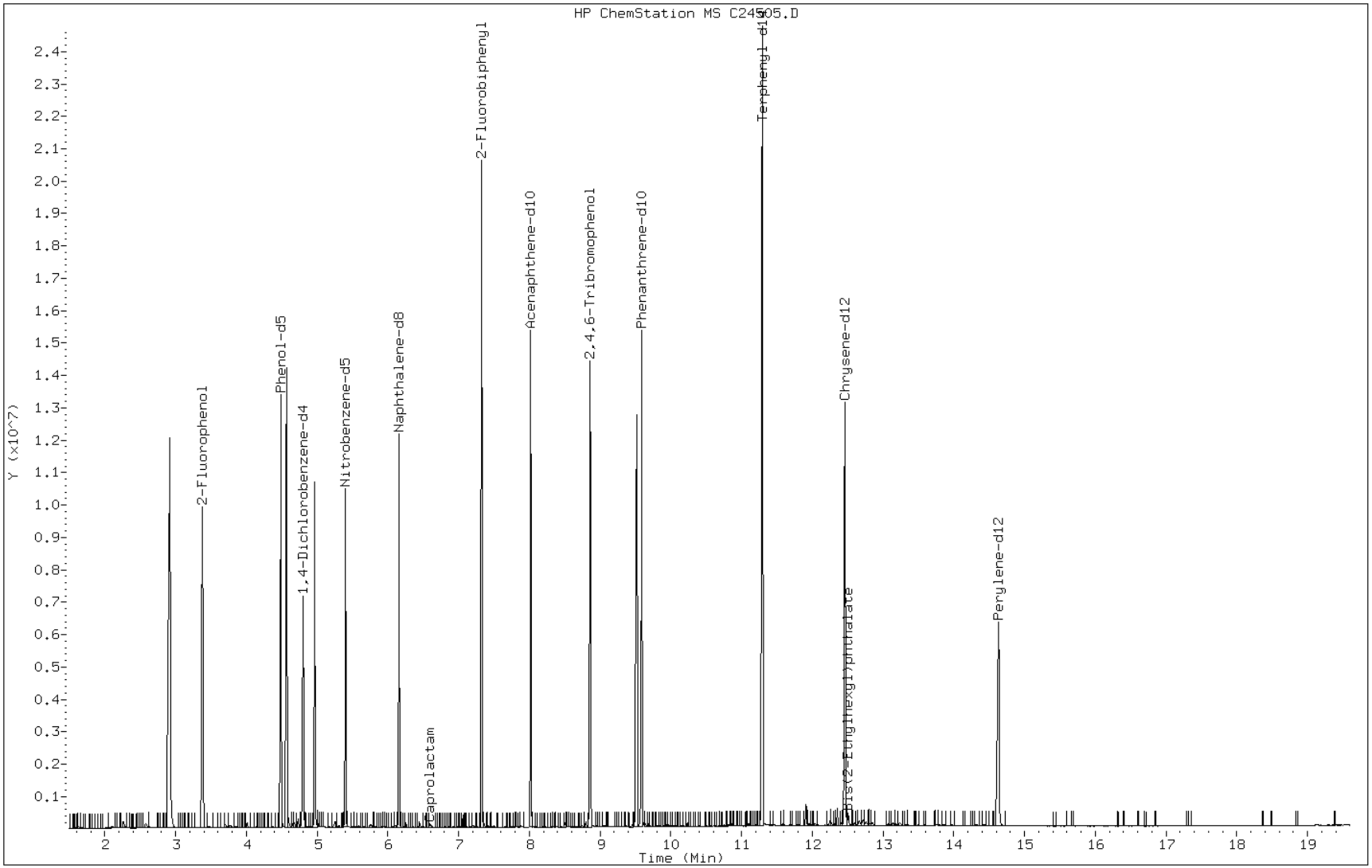
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1144383	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3288074	52.3545	4200
$ 3	Phenol-d5	99	4.489	4.490	(0.935)	4549999	53.0307	4300
* 20	Naphthalene-d8	136	6.157	6.163	(1.000)	4779844	20.0000	
$ 21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2843355	34.5708	2800
129	Caprolactam	113	6.591	6.686	(1.070)	11194	0.48752	39
* 35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3041544	20.0000	
$ 40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5865046	32.7139	2600
$ 56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1495202	57.1620	4600
* 57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5308836	20.0000	
* 70	Chrysene-d12	240	12.461	12.472	(1.000)	5445096	20.0000	
$ 73	Terphenyl-d14	244	11.291	11.291	(0.906)	7789809	33.3024	2700
78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	113773	0.73275	59
* 79	Perylene-d12	264	14.633	14.633	(1.000)	3894588	20.0000	

Data File: C24505.D

Date: 27-JUL-2011 12:06

Client ID: SB-143 3-4 Instrument: msc.i

Sample Info: 220-16030-B-4-A Operator: S.Jonas



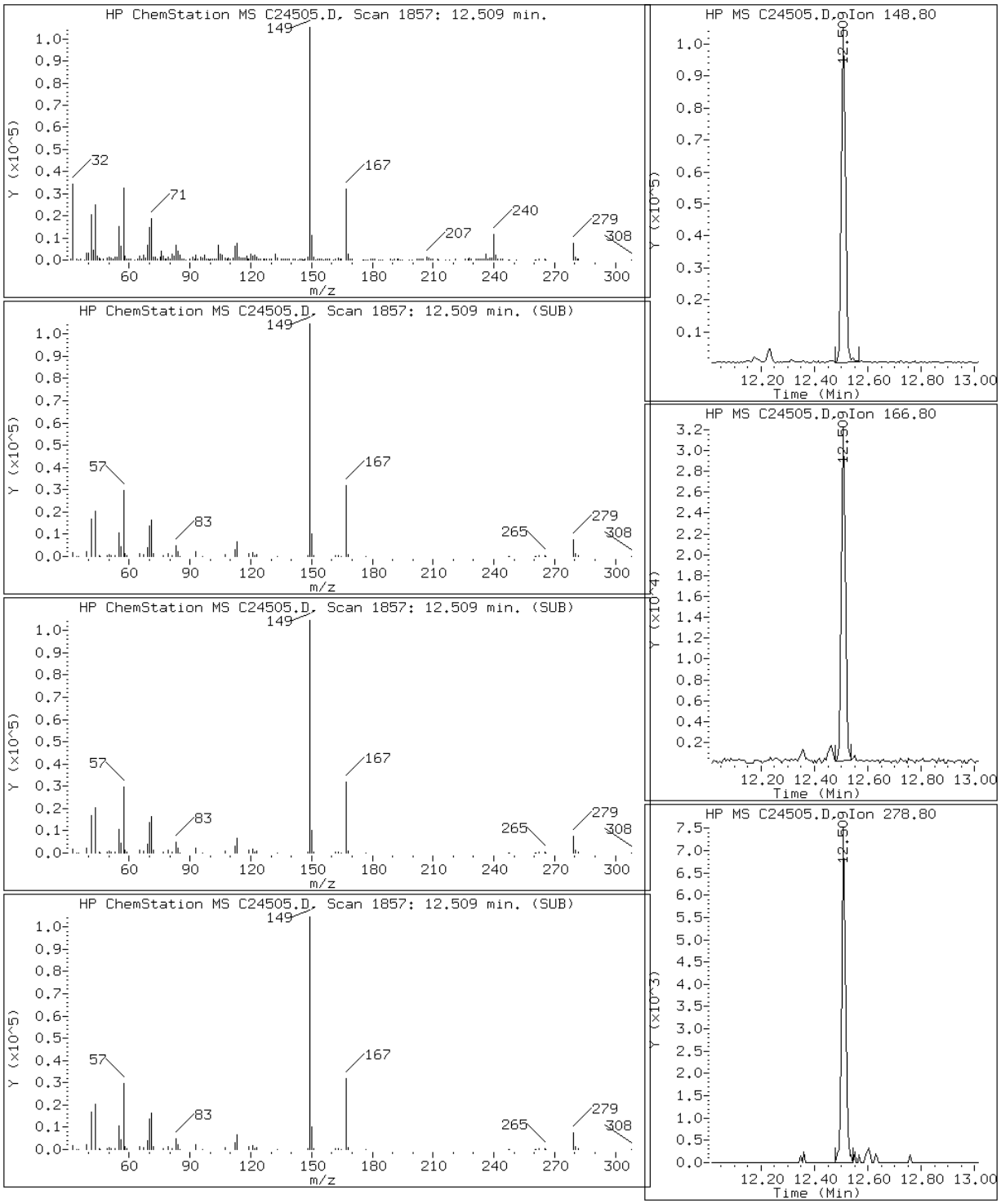
Data File: C24505.D

Date: 27-JUL-2011 12:06

Client ID: SB-143 3-4 Instrument: msc.i

Sample Info: 220-16030-B-4-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: C24506.D

Analysis Method: 8270C | Date Collected: 07/14/2011 22:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.45(g) | Date Analyzed: 07/27/2011 12:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	310	U	310	21
111-44-4	Bis(2-chloroethyl)ether	310	U	310	16
95-57-8	2-Chlorophenol	310	U	310	18
541-73-1	1,3-Dichlorobenzene	310	U	310	16
106-46-7	1,4-Dichlorobenzene	310	U	310	19
100-51-6	Benzyl alcohol	310	U	310	30
95-50-1	1,2-Dichlorobenzene	310	U	310	19
108-60-1	2,2'-oxybis[1-chloropropane]	310	U	310	16
95-48-7	2-Methylphenol	310	U	310	19
67-72-1	Hexachloroethane	310	U	310	18
621-64-7	N-Nitrosodi-n-propylamine	310	U	310	21
106-44-5	4-Methylphenol	310	U	310	21
98-95-3	Nitrobenzene	310	U	310	20
78-59-1	Isophorone	310	U	310	17
88-75-5	2-Nitrophenol	310	U	310	20
105-67-9	2,4-Dimethylphenol	310	U	310	15
111-91-1	Bis(2-chloroethoxy)methane	310	U	310	15
120-83-2	2,4-Dichlorophenol	310	U	310	17
120-82-1	1,2,4-Trichlorobenzene	310	U	310	21
91-20-3	Naphthalene	310	U	310	16
106-47-8	4-Chloroaniline	310	U	310	51
87-68-3	Hexachlorobutadiene	310	U	310	24
59-50-7	4-Chloro-3-methylphenol	310	U	310	13
91-57-6	2-Methylnaphthalene	310	U	310	8.9
77-47-4	Hexachlorocyclopentadiene	780	U	780	150
88-06-2	2,4,6-Trichlorophenol	310	U	310	8.6
95-95-4	2,4,5-Trichlorophenol	2000	U	2000	16
91-58-7	2-Chloronaphthalene	310	U	310	13
88-74-4	2-Nitroaniline	780	U	780	19
208-96-8	Acenaphthylene	310	U	310	15
131-11-3	Dimethyl phthalate	310	U	310	18
606-20-2	2,6-Dinitrotoluene	310	U	310	9.2
83-32-9	Acenaphthene	310	U	310	19
99-09-2	3-Nitroaniline	780	U	780	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: C24506.D

Analysis Method: 8270C | Date Collected: 07/14/2011 22:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.45(g) | Date Analyzed: 07/27/2011 12:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2000	U	2000	94
132-64-9	Dibenzofuran	310	U	310	22
121-14-2	2,4-Dinitrotoluene	310	U	310	25
100-02-7	4-Nitrophenol	2000	U	2000	24
86-73-7	Fluorene	310	U	310	19
7005-72-3	4-Chlorophenyl phenyl ether	310	U	310	23
84-66-2	Diethyl phthalate	310	U	310	32
100-01-6	4-Nitroaniline	310	U	310	24
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	130
86-30-6	N-Nitrosodiphenylamine	310	U	310	18
101-55-3	4-Bromophenyl phenyl ether	310	U	310	20
118-74-1	Hexachlorobenzene	310	U	310	22
87-86-5	Pentachlorophenol	780	U	780	190
85-01-8	Phenanthrene	310	U	310	15
86-74-8	Carbazole	310	U	310	17
120-12-7	Anthracene	310	U	310	12
84-74-2	Di-n-butyl phthalate	310	U	310	46
206-44-0	Fluoranthene	310	U	310	16
129-00-0	Pyrene	310	U	310	15
85-68-7	Butyl benzyl phthalate	310	U	310	18
91-94-1	3,3'-Dichlorobenzidine	380	U	380	64
56-55-3	Benzo[a]anthracene	310	U	310	11
218-01-9	Chrysene	310	U	310	23
117-81-7	Bis(2-ethylhexyl) phthalate	59	J B	310	30
117-84-0	Di-n-octyl phthalate	310	U	310	18
205-99-2	Benzo[b]fluoranthene	310	U	310	8.4
207-08-9	Benzo[k]fluoranthene	310	U	310	28
50-32-8	Benzo[a]pyrene	310	U	310	8.5
193-39-5	Indeno[1,2,3-cd]pyrene	310	U	310	20
53-70-3	Dibenz(a,h)anthracene	310	U	310	25
191-24-2	Benzo[g,h,i]perylene	310	U	310	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 32-33 | Lab Sample ID: 220-16030-5

Matrix: Solid | Lab File ID: C24506.D

Analysis Method: 8270C | Date Collected: 07/14/2011 22:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.45(g) | Date Analyzed: 07/27/2011 12:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	68		34-120
4165-62-2	Phenol-d5	69		36-120
4165-60-0	Nitrobenzene-d5	69		38-120
321-60-8	2-Fluorobiphenyl	64		41-120
118-79-6	2,4,6-Tribromophenol	71		37-120
1718-51-0	Terphenyl-d14	63		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24506.D
Lab Smp Id: 220-16030-B-5-A Client Smp ID: SB-143 32-33
Inj Date : 27-JUL-2011 12:37
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-5-A
Misc Info : 220-16030-B-5-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.450	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	16.444	% Moisture
Cpnd Variable		Local Compound Variable

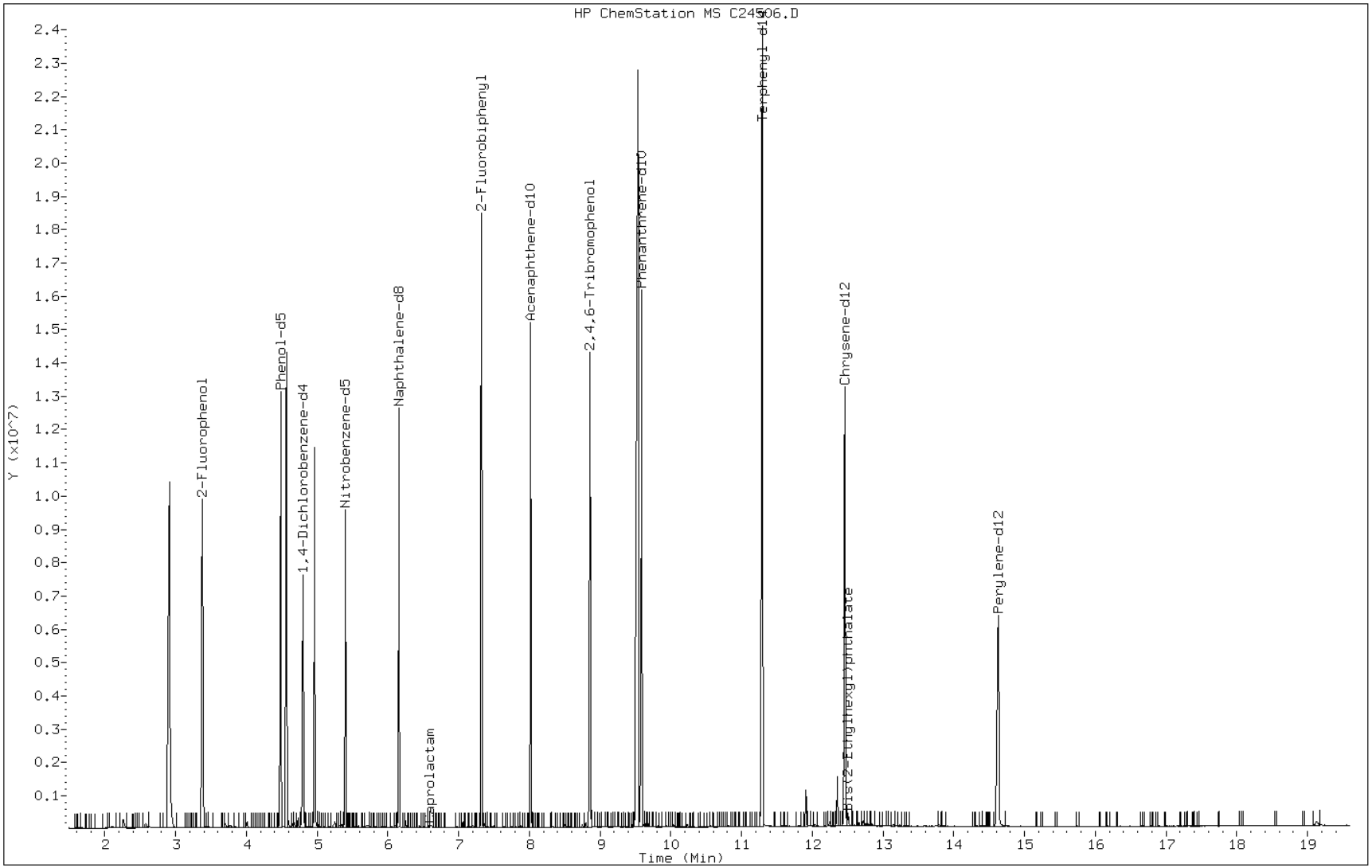
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1188537	20.0000	
$	2	2-Fluorophenol	112	3.374	3.356	(0.703)	3314826	50.8196	3900
$	3	Phenol-d5	99	4.490	4.490	(0.936)	4581852	51.4181	4000
*	20	Naphthalene-d8	136	6.157	6.163	(1.000)	4866474	20.0000	
$	21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2880644	34.4007	2700
	129	Caprolactam	113	6.591	6.686	(1.070)	10860	0.46456	36
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3116218	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5912412	32.1879	2500
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1433896	53.5046	4100
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	5482956	20.0000	
*	70	Chrysene-d12	240	12.461	12.472	(1.000)	5578396	20.0000	
$	73	Terphenyl-d14	244	11.291	11.291	(0.906)	7560793	31.5509	2400
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	121671	0.76489	59
*	79	Perylene-d12	264	14.627	14.633	(1.000)	3899874	20.0000	

Data File: C24506.D

Date: 27-JUL-2011 12:37

Client ID: SB-143 32-33 Instrument: msc.i

Sample Info: 220-16030-B-5-A Operator: S.Jonas



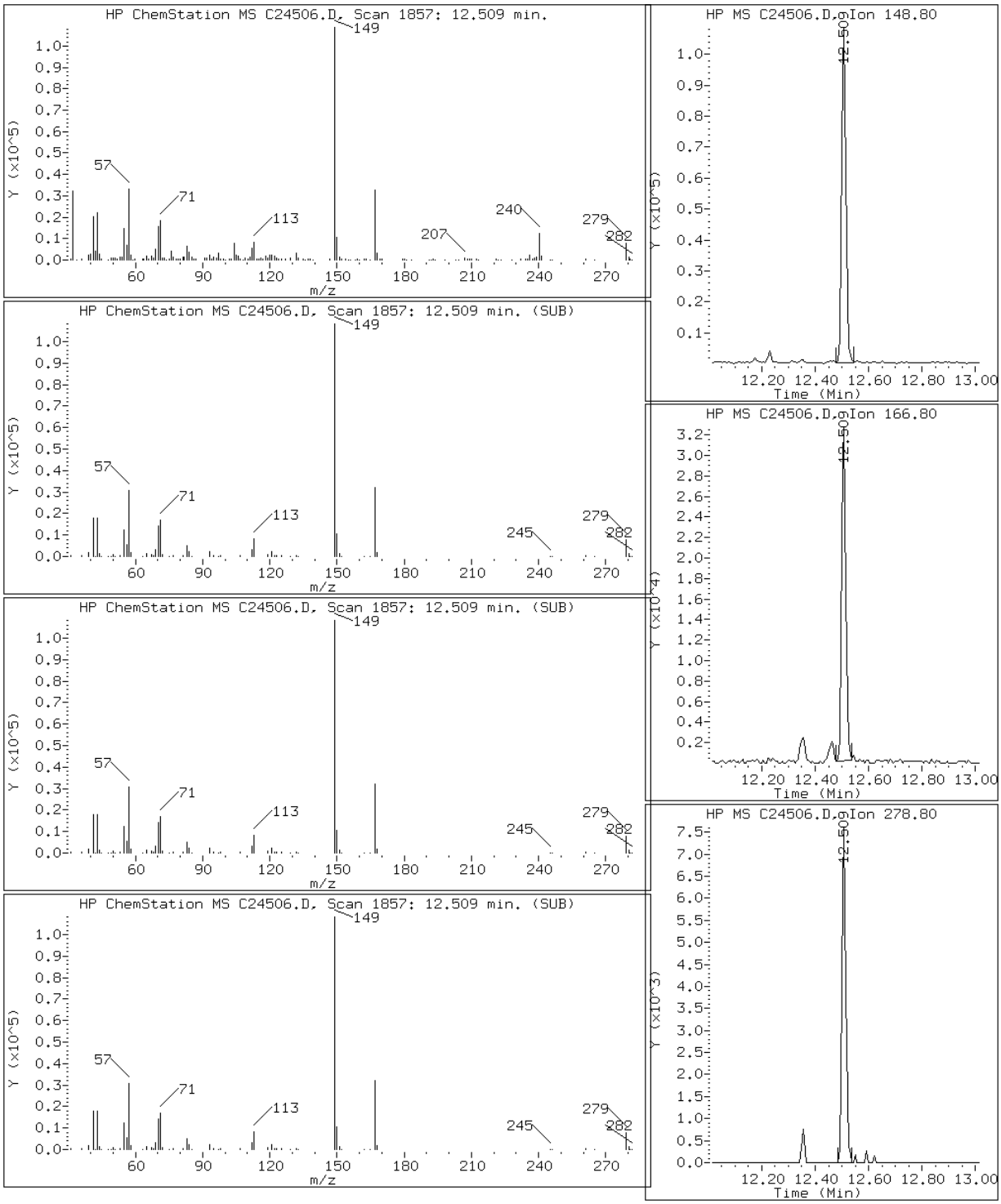
Data File: C24506.D

Date: 27-JUL-2011 12:37

Client ID: SB-143 32-33 Instrument: msc.i

Sample Info: 220-16030-B-5-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: C24507.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.23(g) | Date Analyzed: 07/27/2011 13:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	22
111-44-4	Bis(2-chloroethyl)ether	330	U	330	17
95-57-8	2-Chlorophenol	330	U	330	19
541-73-1	1,3-Dichlorobenzene	330	U	330	16
106-46-7	1,4-Dichlorobenzene	330	U	330	19
100-51-6	Benzyl alcohol	330	U	330	31
95-50-1	1,2-Dichlorobenzene	330	U	330	19
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	17
95-48-7	2-Methylphenol	330	U	330	20
67-72-1	Hexachloroethane	330	U	330	19
621-64-7	N-Nitrosodi-n-propylamine	330	U	330	22
106-44-5	4-Methylphenol	330	U	330	21
98-95-3	Nitrobenzene	330	U	330	21
78-59-1	Isophorone	330	U	330	18
88-75-5	2-Nitrophenol	330	U	330	21
105-67-9	2,4-Dimethylphenol	330	U	330	16
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	15
120-83-2	2,4-Dichlorophenol	330	U	330	17
120-82-1	1,2,4-Trichlorobenzene	330	U	330	21
91-20-3	Naphthalene	330	U	330	17
106-47-8	4-Chloroaniline	330	U	330	53
87-68-3	Hexachlorobutadiene	330	U	330	25
59-50-7	4-Chloro-3-methylphenol	330	U	330	13
91-57-6	2-Methylnaphthalene	330	U	330	9.3
77-47-4	Hexachlorocyclopentadiene	810	U	810	150
88-06-2	2,4,6-Trichlorophenol	330	U	330	9.0
95-95-4	2,4,5-Trichlorophenol	2100	U	2100	16
91-58-7	2-Chloronaphthalene	330	U	330	14
88-74-4	2-Nitroaniline	810	U	810	20
208-96-8	Acenaphthylene	330	U	330	16
131-11-3	Dimethyl phthalate	330	U	330	19
606-20-2	2,6-Dinitrotoluene	330	U	330	9.6
83-32-9	Acenaphthene	330	U	330	19
99-09-2	3-Nitroaniline	810	U	810	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: C24507.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.23(g) | Date Analyzed: 07/27/2011 13:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2100	U	2100	98
132-64-9	Dibenzofuran	330	U	330	23
121-14-2	2,4-Dinitrotoluene	330	U	330	26
100-02-7	4-Nitrophenol	2100	U	2100	25
86-73-7	Fluorene	330	U	330	20
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	24
84-66-2	Diethyl phthalate	330	U	330	33
100-01-6	4-Nitroaniline	330	U	330	25
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	140
86-30-6	N-Nitrosodiphenylamine	330	U	330	18
101-55-3	4-Bromophenyl phenyl ether	330	U	330	21
118-74-1	Hexachlorobenzene	330	U	330	23
87-86-5	Pentachlorophenol	810	U	810	200
85-01-8	Phenanthrene	330	U	330	16
86-74-8	Carbazole	330	U	330	18
120-12-7	Anthracene	330	U	330	13
84-74-2	Di-n-butyl phthalate	330	U	330	48
206-44-0	Fluoranthene	330	U	330	16
129-00-0	Pyrene	330	U	330	15
85-68-7	Butyl benzyl phthalate	330	U	330	18
91-94-1	3,3'-Dichlorobenzidine	400	U	400	67
56-55-3	Benzo[a]anthracene	330	U	330	12
218-01-9	Chrysene	330	U	330	24
117-81-7	Bis(2-ethylhexyl) phthalate	38	J B	330	32
117-84-0	Di-n-octyl phthalate	330	U	330	19
205-99-2	Benzo[b]fluoranthene	330	U	330	8.7
207-08-9	Benzo[k]fluoranthene	330	U	330	29
50-32-8	Benzo[a]pyrene	330	U	330	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	330	U	330	21
53-70-3	Dibenz(a,h)anthracene	330	U	330	26
191-24-2	Benzo[g,h,i]perylene	330	U	330	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 | Lab Sample ID: 220-16030-6

Matrix: Solid | Lab File ID: C24507.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.23(g) | Date Analyzed: 07/27/2011 13:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	66		34-120
4165-62-2	Phenol-d5	67		36-120
4165-60-0	Nitrobenzene-d5	65		38-120
321-60-8	2-Fluorobiphenyl	61		41-120
118-79-6	2,4,6-Tribromophenol	68		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24507.D
Lab Smp Id: 220-16030-B-6-A Client Smp ID: SB-143 39-40
Inj Date : 27-JUL-2011 13:07
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-6-A
Misc Info : 220-16030-B-6-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.230	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	18.786	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1217346	20.0000	
$	2 2-Fluorophenol	112	3.374	3.356	(0.703)	3304759	49.4663	4000
$	3 Phenol-d5	99	4.490	4.490	(0.936)	4558901	49.9498	4000
*	20 Naphthalene-d8	136	6.157	6.163	(1.000)	5084527	20.0000	
$	21 Nitrobenzene-d5	82	5.404	5.409	(0.878)	2855775	32.6411	2600
	129 Caprolactam	113	6.591	6.686	(1.070)	11097	0.45434	37(M)
*	35 Acenaphthene-d10	164	8.021	8.027	(1.000)	3264433	20.0000	
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5878212	30.5487	2500
$	56 2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1422348	50.6640	4100
*	57 Phenanthrene-d10	188	9.588	9.594	(1.000)	5747025	20.0000	
*	70 Chrysene-d12	240	12.461	12.472	(1.000)	5774301	20.0000	
$	73 Terphenyl-d14	244	11.291	11.291	(0.906)	7740959	31.2068	2500
	78 Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	78263	0.47531	38
*	79 Perylene-d12	264	14.627	14.633	(1.000)	4049323	20.0000	

QC Flag Legend

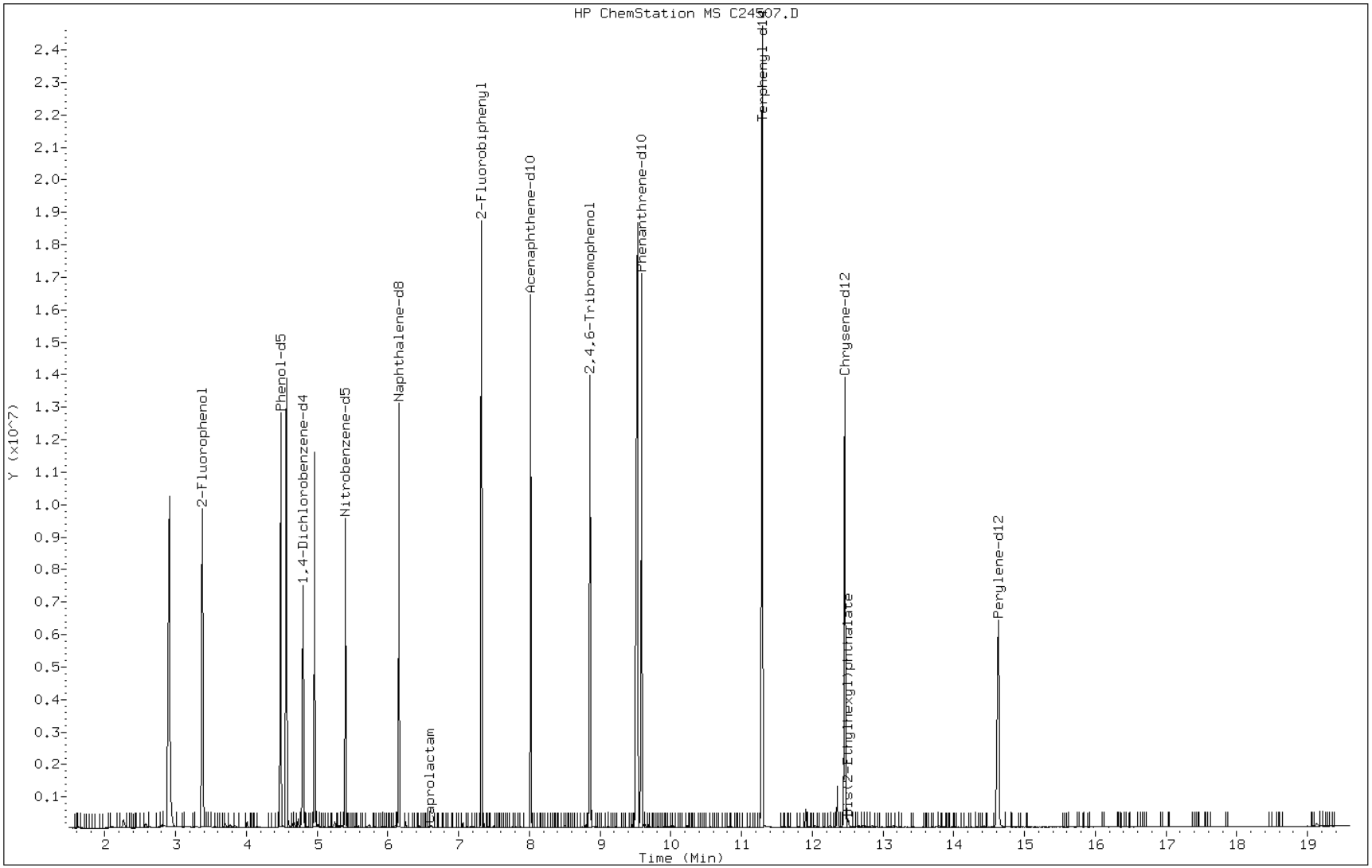
M - Compound response manually integrated.

Data File: C24507.D

Date: 27-JUL-2011 13:07

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-A Operator: S.Jonas



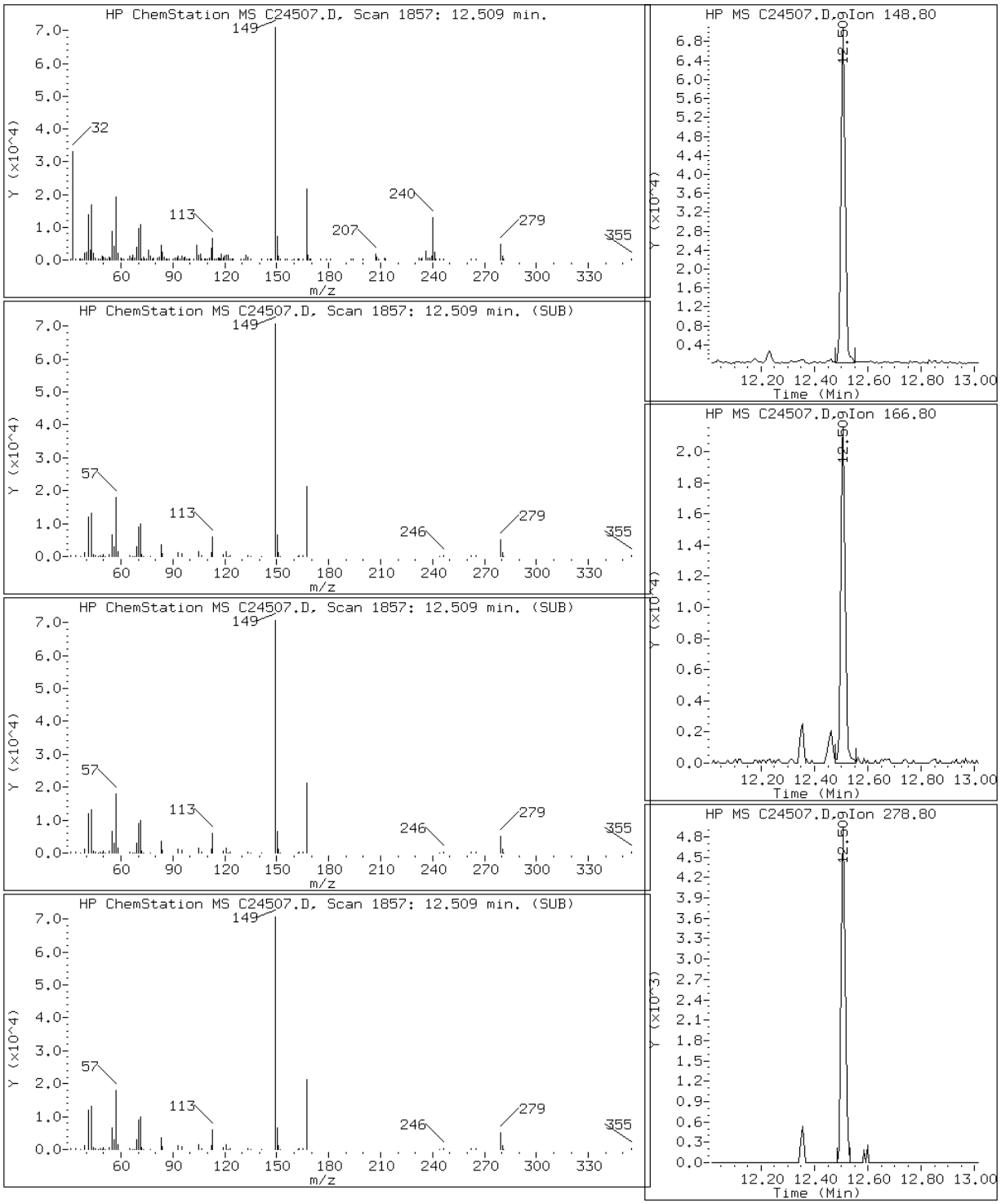
Data File: C24507.D

Date: 27-JUL-2011 13:07

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: C24510.D

Analysis Method: 8270C | Date Collected: 07/14/2011 00:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.72(g) | Date Analyzed: 07/27/2011 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	310	U	310	21
111-44-4	Bis(2-chloroethyl)ether	310	U	310	16
95-57-8	2-Chlorophenol	310	U	310	18
541-73-1	1,3-Dichlorobenzene	310	U	310	15
106-46-7	1,4-Dichlorobenzene	310	U	310	18
100-51-6	Benzyl alcohol	310	U	310	29
95-50-1	1,2-Dichlorobenzene	310	U	310	18
108-60-1	2,2'-oxybis[1-chloropropane]	310	U	310	16
95-48-7	2-Methylphenol	310	U	310	19
67-72-1	Hexachloroethane	310	U	310	18
621-64-7	N-Nitrosodi-n-propylamine	310	U	310	21
106-44-5	4-Methylphenol	310	U	310	20
98-95-3	Nitrobenzene	310	U	310	20
78-59-1	Isophorone	310	U	310	17
88-75-5	2-Nitrophenol	310	U	310	20
105-67-9	2,4-Dimethylphenol	310	U	310	15
111-91-1	Bis(2-chloroethoxy)methane	310	U	310	14
120-83-2	2,4-Dichlorophenol	310	U	310	17
120-82-1	1,2,4-Trichlorobenzene	310	U	310	20
91-20-3	Naphthalene	310	U	310	16
106-47-8	4-Chloroaniline	310	U	310	50
87-68-3	Hexachlorobutadiene	310	U	310	24
59-50-7	4-Chloro-3-methylphenol	310	U	310	13
91-57-6	2-Methylnaphthalene	310	U	310	8.8
77-47-4	Hexachlorocyclopentadiene	770	U	770	150
88-06-2	2,4,6-Trichlorophenol	310	U	310	8.5
95-95-4	2,4,5-Trichlorophenol	2000	U	2000	16
91-58-7	2-Chloronaphthalene	310	U	310	13
88-74-4	2-Nitroaniline	770	U	770	19
208-96-8	Acenaphthylene	310	U	310	15
131-11-3	Dimethyl phthalate	310	U	310	18
606-20-2	2,6-Dinitrotoluene	310	U	310	9.1
83-32-9	Acenaphthene	310	U	310	18
99-09-2	3-Nitroaniline	770	U	770	9.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: C24510.D

Analysis Method: 8270C | Date Collected: 07/14/2011 00:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.72(g) | Date Analyzed: 07/27/2011 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2000	U	2000	93
132-64-9	Dibenzofuran	310	U	310	22
121-14-2	2,4-Dinitrotoluene	310	U	310	25
100-02-7	4-Nitrophenol	2000	U	2000	23
86-73-7	Fluorene	310	U	310	19
7005-72-3	4-Chlorophenyl phenyl ether	310	U	310	23
84-66-2	Diethyl phthalate	310	U	310	31
100-01-6	4-Nitroaniline	310	U	310	24
534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	130
86-30-6	N-Nitrosodiphenylamine	310	U	310	17
101-55-3	4-Bromophenyl phenyl ether	310	U	310	20
118-74-1	Hexachlorobenzene	310	U	310	21
87-86-5	Pentachlorophenol	770	U	770	190
85-01-8	Phenanthrene	310	U	310	15
86-74-8	Carbazole	310	U	310	17
120-12-7	Anthracene	310	U	310	12
84-74-2	Di-n-butyl phthalate	310	U	310	45
206-44-0	Fluoranthene	310	U	310	15
129-00-0	Pyrene	310	U	310	15
85-68-7	Butyl benzyl phthalate	310	U	310	17
91-94-1	3,3'-Dichlorobenzidine	380	U	380	64
56-55-3	Benzo[a]anthracene	310	U	310	11
218-01-9	Chrysene	310	U	310	23
117-81-7	Bis(2-ethylhexyl) phthalate	51	J B	310	30
117-84-0	Di-n-octyl phthalate	310	U	310	18
205-99-2	Benzo[b]fluoranthene	310	U	310	8.3
207-08-9	Benzo[k]fluoranthene	310	U	310	28
50-32-8	Benzo[a]pyrene	310	U	310	8.4
193-39-5	Indeno[1,2,3-cd]pyrene	310	U	310	20
53-70-3	Dibenz(a,h)anthracene	310	U	310	24
191-24-2	Benzo[g,h,i]perylene	310	U	310	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: DUP071411 | Lab Sample ID: 220-16030-7

Matrix: Solid | Lab File ID: C24510.D

Analysis Method: 8270C | Date Collected: 07/14/2011 00:00

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.72(g) | Date Analyzed: 07/27/2011 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	66		36-120
4165-60-0	Nitrobenzene-d5	66		38-120
321-60-8	2-Fluorobiphenyl	60		41-120
118-79-6	2,4,6-Tribromophenol	64		37-120
1718-51-0	Terphenyl-d14	59		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24510.D
Lab Smp Id: 220-16030-B-7-A Client Smp ID: DUP071411
Inj Date : 27-JUL-2011 14:39
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-7-A
Misc Info : 220-16030-B-7-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.720	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	16.853	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1148646	20.0000	
$	2 2-Fluorophenol	112	3.374	3.356	(0.703)	3055769	48.4750	3700
$	3 Phenol-d5	99	4.484	4.490	(0.934)	4292390	49.8426	3800
*	20 Naphthalene-d8	136	6.157	6.163	(1.000)	4741206	20.0000	
$	21 Nitrobenzene-d5	82	5.398	5.409	(0.877)	2675224	32.7916	2500
	129 Caprolactam	113	6.591	6.686	(1.070)	8469	0.37185	28(M)
*	35 Acenaphthene-d10	164	8.021	8.027	(1.000)	3083988	20.0000	
$	40 2-Fluorobiphenyl	172	7.321	7.333	(0.913)	5497433	30.2415	2300
$	56 2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1279301	48.2349	3700
*	57 Phenanthrene-d10	188	9.588	9.594	(1.000)	5397615	20.0000	
*	70 Chrysene-d12	240	12.461	12.472	(1.000)	5570476	20.0000	
$	73 Terphenyl-d14	244	11.291	11.291	(0.906)	7103927	29.6866	2300
	78 Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.004)	105520	0.66430	51
*	79 Perylene-d12	264	14.627	14.633	(1.000)	3659673	20.0000	

QC Flag Legend

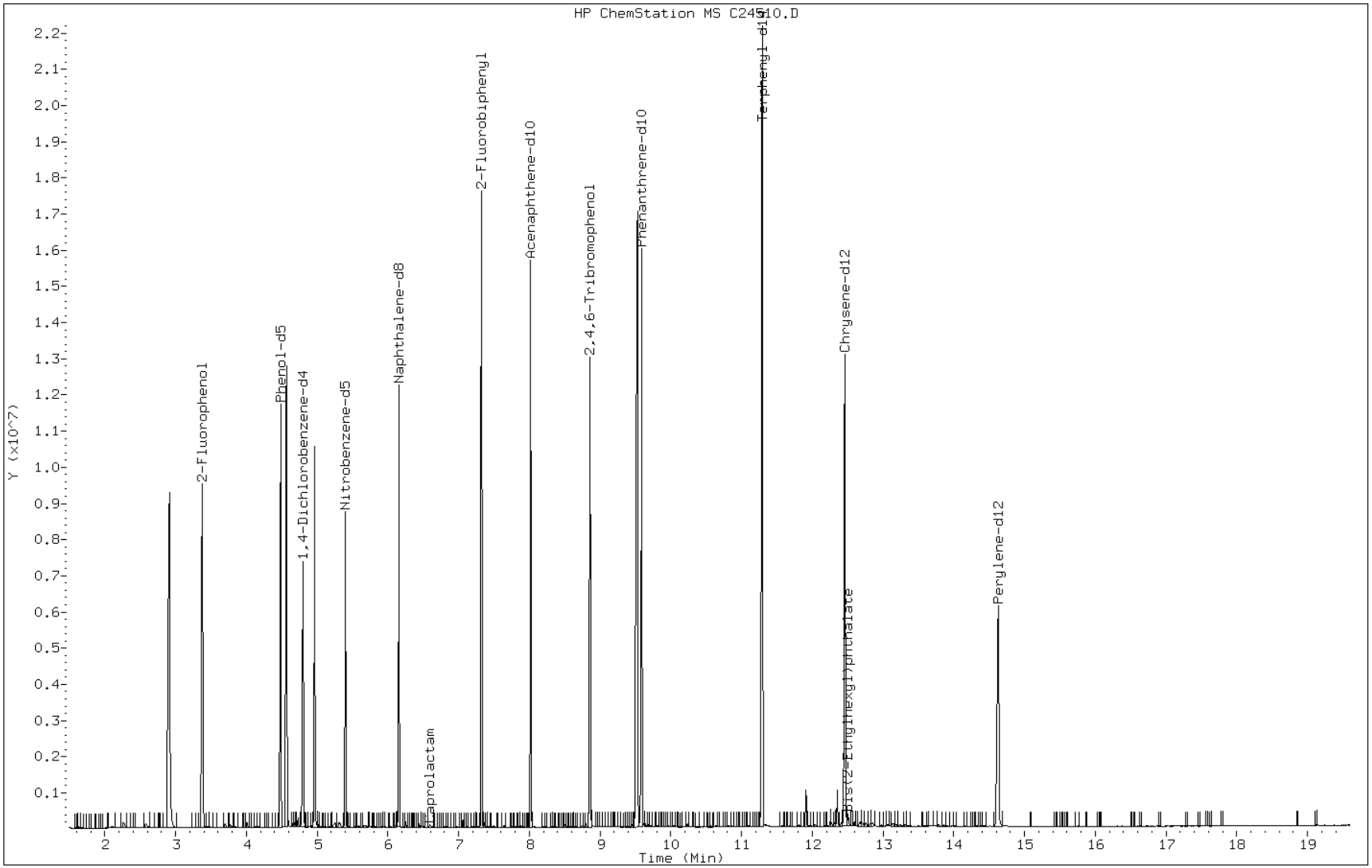
M - Compound response manually integrated.

Data File: C24510.D

Date: 27-JUL-2011 14:39

Client ID: DUP071411 Instrument: msc.i

Sample Info: 220-16030-B-7-A Operator: S.Jonas



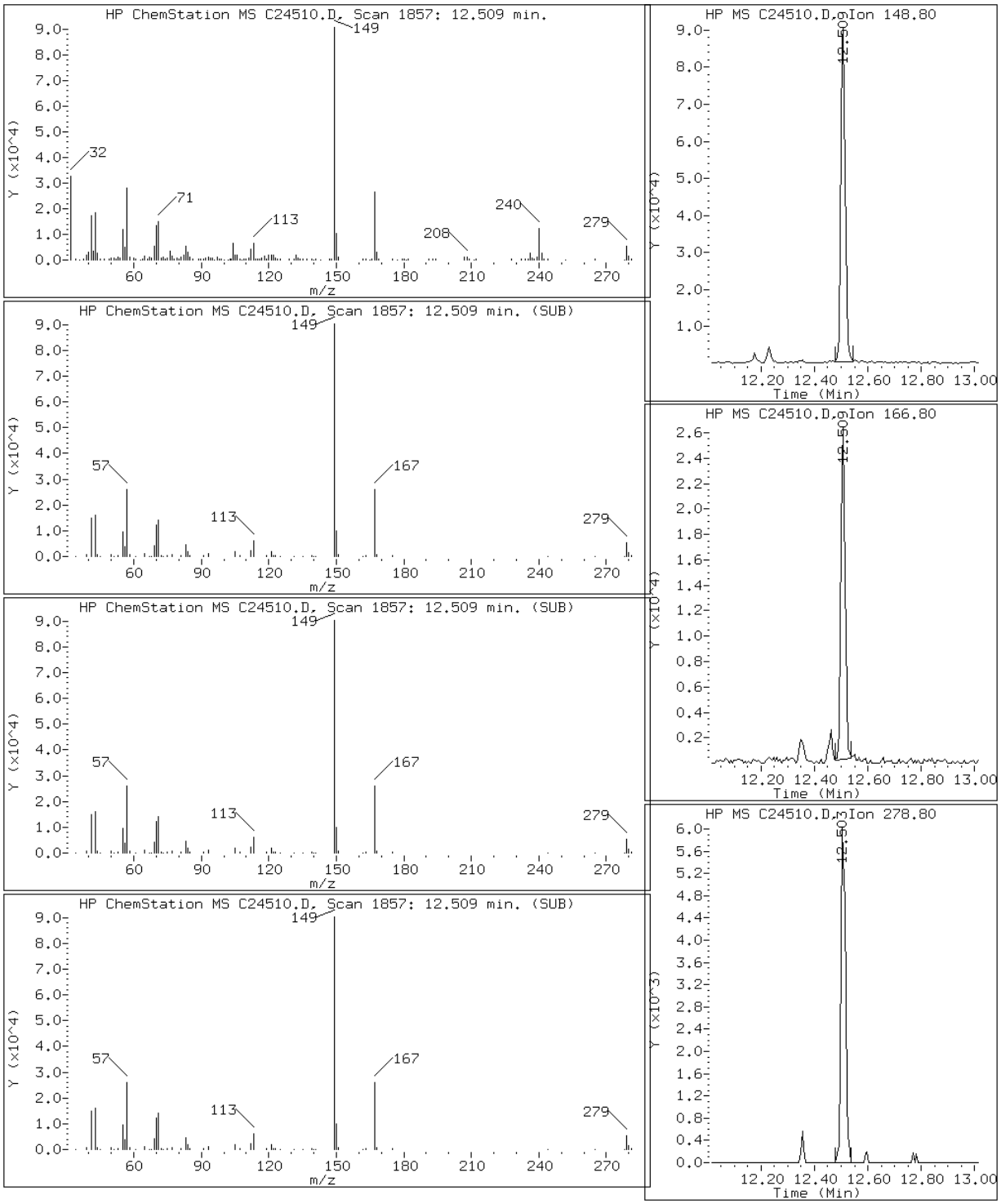
Data File: C24510.D

Date: 27-JUL-2011 14:39

Client ID: DUP071411 Instrument: msc.i

Sample Info: 220-16030-B-7-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: Z21861.D

Analysis Method: 8270C | Date Collected: 07/14/2011 08:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4.0	U	4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
91-20-3	Naphthalene	4.0	U	4.0	0.30
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
83-32-9	Acenaphthene	4.0	U	4.0	0.31
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: Z21861.D

Analysis Method: 8270C | Date Collected: 07/14/2011 08:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
100-02-7	4-Nitrophenol	10	U	10	1.5
86-73-7	Fluorene	4.0	U	4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-86-5	Pentachlorophenol	25	U	25	0.31
85-01-8	Phenanthrene	4.0	U	4.0	0.28
86-74-8	Carbazole	4.0	U	4.0	0.33
120-12-7	Anthracene	4.0	U	4.0	0.29
84-74-2	Di-n-butyl phthalate	4.0	U	4.0	0.35
206-44-0	Fluoranthene	4.0	U	4.0	0.31
129-00-0	Pyrene	4.0	U	4.0	0.33
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U *	4.0	0.54
117-84-0	Di-n-octyl phthalate	4.0	U *	4.0	0.38
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-1 | Lab Sample ID: 220-16030-8

Matrix: Water | Lab File ID: Z21861.D

Analysis Method: 8270C | Date Collected: 07/14/2011 08:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	30		13-120
4165-62-2	Phenol-d5	19		10-120
4165-60-0	Nitrobenzene-d5	70		40-120
321-60-8	2-Fluorobiphenyl	72		39-120
118-79-6	2,4,6-Tribromophenol	85		36-120
1718-51-0	Terphenyl-d14	88		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21861.D
Lab Smp Id: 220-16030-D-8-A Client Smp ID: FB-1
Inj Date : 27-JUL-2011 16:05
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-16030-D-8-A
Misc Info : 220-16030-D-8-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.787	4.790	(1.000)	275741	20.0000	
$	2 2-Fluorophenol	112	3.332	3.342	(0.696)	286228	22.3582	22
$	3 Phenol-d5	99	4.454	4.473	(0.931)	260211	14.1835	14
*	20 Naphthalene-d8	136	6.145	6.152	(1.000)	1252600	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.396	(0.877)	632494	35.2469	35
	129 Caprolactam	113	6.574	6.668	(1.070)	4198	0.93583	0.9(M)
*	35 Acenaphthene-d10	164	8.007	8.013	(1.000)	738603	20.0000	
$	40 2-Fluorobiphenyl	172	7.311	7.317	(0.913)	1241420	36.0245	36
$	56 2,4,6-Tribromophenol	330	8.843	8.849	(1.104)	305257	63.4883	63
*	57 Phenanthrene-d10	188	9.570	9.580	(1.000)	1177272	20.0000	
*	70 Chrysene-d12	240	12.430	12.442	(1.000)	958260	20.0000	
$	73 Terphenyl-d14	244	11.271	11.274	(0.907)	1454583	43.9537	44
*	79 Perylene-d12	264	14.574	14.587	(1.000)	580672	20.0000	

QC Flag Legend

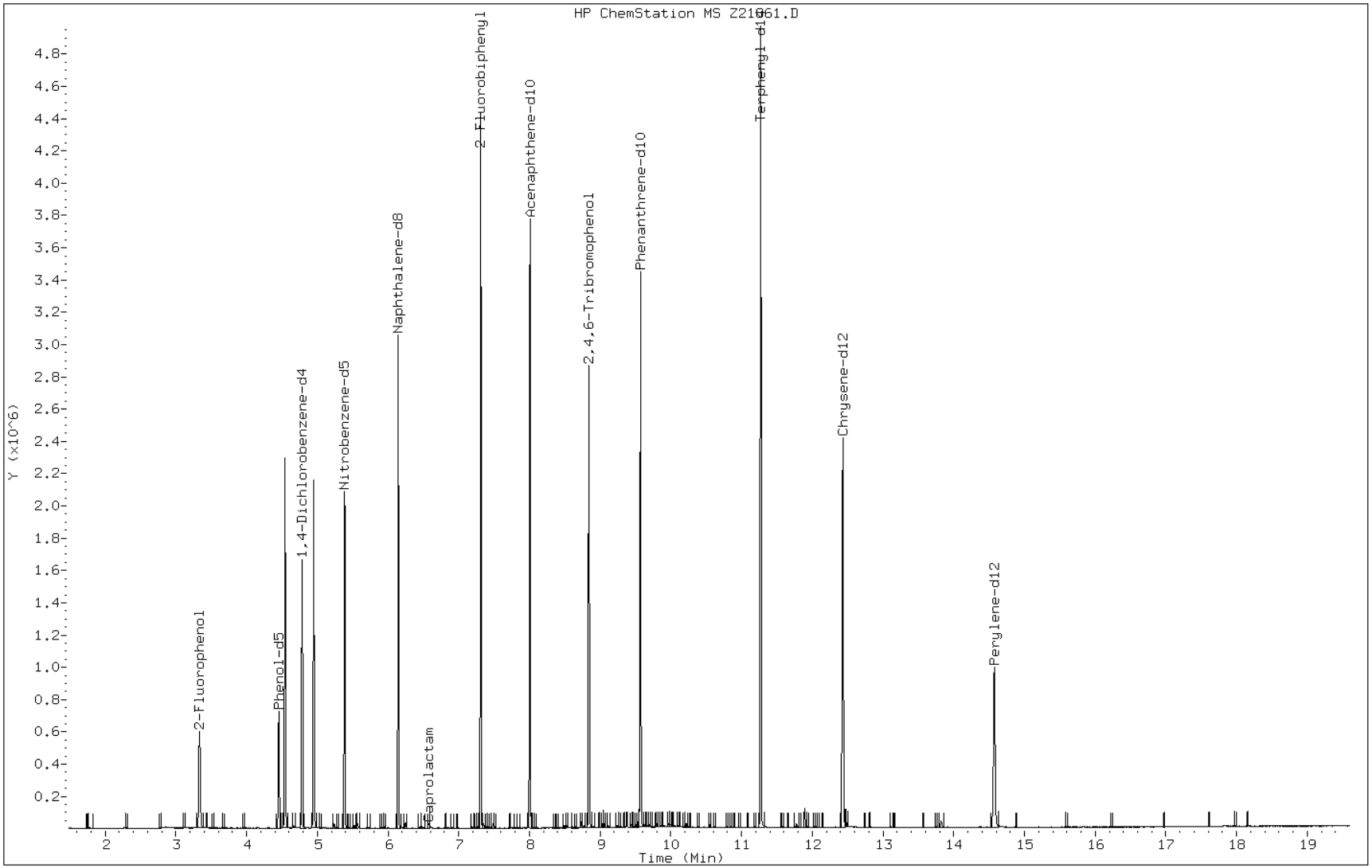
M - Compound response manually integrated.

Data File: Z21861.D

Date: 27-JUL-2011 16:05

Client ID: FB-1 Instrument: msz.i

Sample Info: 220-16030-D-8-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: Z21862.D

Analysis Method: 8270C | Date Collected: 07/14/2011 13:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4.0	U	4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
91-20-3	Naphthalene	4.0	U	4.0	0.30
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
83-32-9	Acenaphthene	4.0	U	4.0	0.31
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: Z21862.D

Analysis Method: 8270C | Date Collected: 07/14/2011 13:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
100-02-7	4-Nitrophenol	10	U	10	1.5
86-73-7	Fluorene	4.0	U	4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-86-5	Pentachlorophenol	25	U	25	0.31
85-01-8	Phenanthrene	4.0	U	4.0	0.28
86-74-8	Carbazole	4.0	U	4.0	0.33
120-12-7	Anthracene	4.0	U	4.0	0.29
84-74-2	Di-n-butyl phthalate	4.0	U	4.0	0.35
206-44-0	Fluoranthene	4.0	U	4.0	0.31
129-00-0	Pyrene	4.0	U	4.0	0.33
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U *	4.0	0.54
117-84-0	Di-n-octyl phthalate	4.0	U *	4.0	0.38
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: FB-2 | Lab Sample ID: 220-16030-9

Matrix: Water | Lab File ID: Z21862.D

Analysis Method: 8270C | Date Collected: 07/14/2011 13:00

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 16:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	29		13-120
4165-62-2	Phenol-d5	19		10-120
4165-60-0	Nitrobenzene-d5	67		40-120
321-60-8	2-Fluorobiphenyl	71		39-120
118-79-6	2,4,6-Tribromophenol	90		36-120
1718-51-0	Terphenyl-d14	95		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21862.D
Lab Smp Id: 220-16030-D-9-A Client Smp ID: FB-2
Inj Date : 27-JUL-2011 16:33
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-16030-D-9-A
Misc Info : 220-16030-D-9-A
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.784	4.790	(1.000)	272105	20.0000	
$	2 2-Fluorophenol	112	3.336	3.342	(0.697)	275504	21.8081	22
$	3 Phenol-d5	99	4.454	4.473	(0.931)	255933	14.1367	14
*	20 Naphthalene-d8	136	6.142	6.152	(1.000)	1227988	20.0000	
$	21 Nitrobenzene-d5	82	5.384	5.396	(0.877)	591525	33.6245	34
	129 Caprolactam	113	6.571	6.668	(1.070)	4120	0.93685	0.9(M)
*	35 Acenaphthene-d10	164	8.004	8.013	(1.000)	737211	20.0000	
$	40 2-Fluorobiphenyl	172	7.311	7.317	(0.913)	1220953	35.4975	35
$	56 2,4,6-Tribromophenol	330	8.840	8.849	(1.104)	324519	67.6219	68
*	57 Phenanthrene-d10	188	9.570	9.580	(1.000)	1180151	20.0000	
*	70 Chrysene-d12	240	12.427	12.442	(1.000)	975607	20.0000	
$	73 Terphenyl-d14	244	11.267	11.274	(0.907)	1606919	47.6935	48
*	79 Perylene-d12	264	14.568	14.587	(1.000)	589057	20.0000	

QC Flag Legend

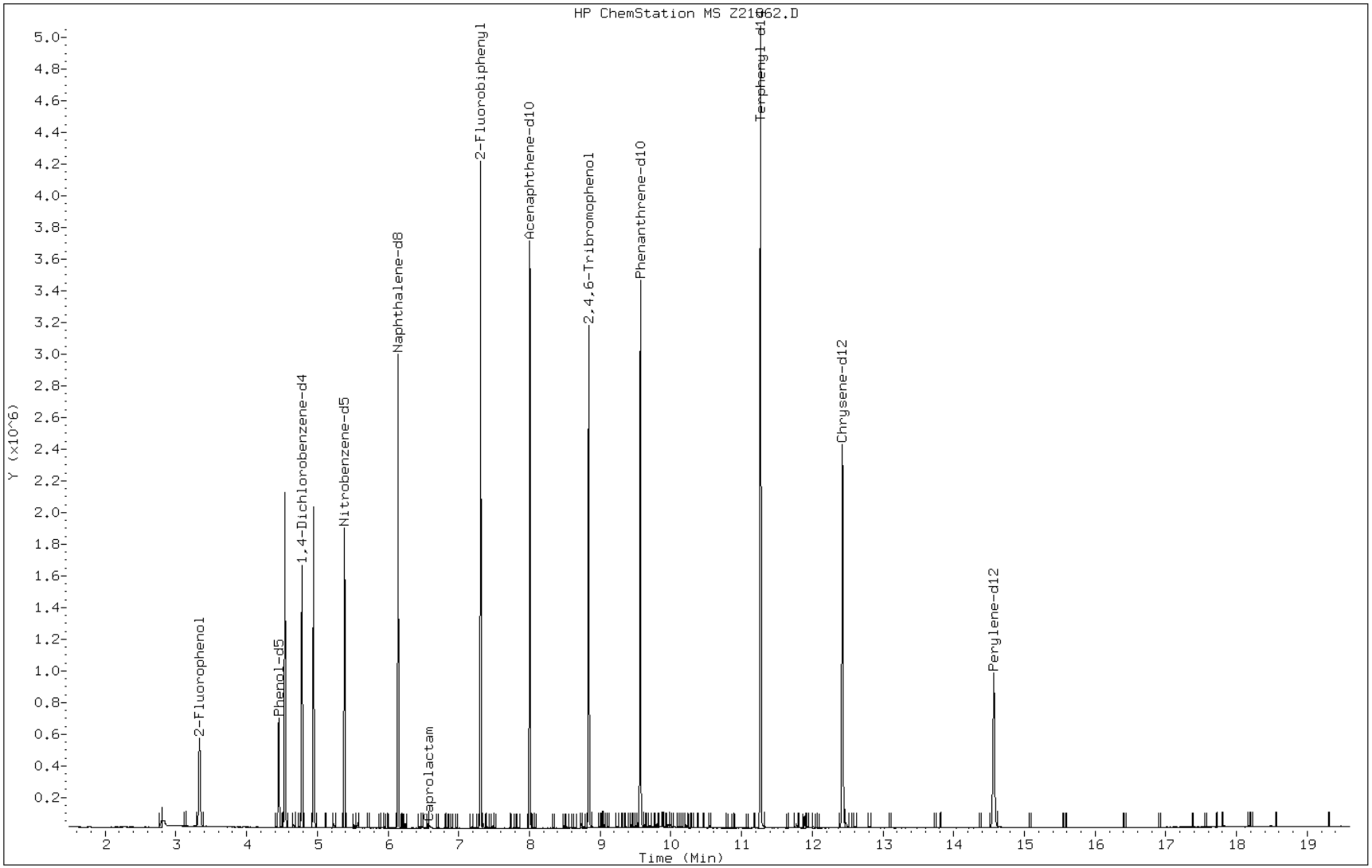
M - Compound response manually integrated.

Data File: Z21862.D

Date: 27-JUL-2011 16:33

Client ID: FB-2 Instrument: msz.i

Sample Info: 220-16030-D-9-A Operator: S.Jonas



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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53172/2	C24383.D
Level 2	IC 220-53172/3	C24384.D
Level 3	IC 220-53172/4	C24385.D
Level 4	IC 220-53172/5	C24386.D
Level 5	ICIS 220-53172/1	C24382.D
Level 6	IC 220-53172/6	C24387.D
Level 7	IC 220-53172/7	C24388.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.3304 0.3208	0.3050 0.3098	0.3015	0.3087	0.3219	Ave		0.3140				3.3		15.0			
Pyridine	0.4052 0.4146	0.3877 0.4090	0.3884	0.3901	0.4279	Ave		0.4033				3.8		15.0			
Cyclohexanone	0.8548 0.4766	0.8146 0.3718	0.7332	0.6555	0.8038	Ave		0.6729				27.4	*	15.0			
Benzaldehyde	0.2601 0.3859	0.9073 0.2848	0.8259	0.7381	0.3390	Ave		0.5345				52.0	*	15.0			
Aniline	1.7556 1.7137	1.7874 1.6366	1.7029	1.6701	1.8716	Ave		1.7340				4.5		15.0			
Phenol	1.6519 1.6598	1.6161 1.6168	1.5917	1.6330	1.6699	Ave		1.6342				1.7		30.0			
Bis(2-chloroethyl)ether	1.1619 1.1762	1.0799 1.0816	1.0840	1.1050	1.1612	Ave		1.1214				3.9		15.0			
2-Chlorophenol	1.4173 1.4288	1.3718 1.3632	1.3833	1.3806	1.4283	Ave		1.3962				2.0		15.0			
1,3-Dichlorobenzene	1.6041 1.6158	1.5726 1.5356	1.5289	1.5781	1.5992	Ave		1.5763				2.1		15.0			
1,4-Dichlorobenzene	1.6922 1.6437	1.6351 1.5699	1.5846	1.6088	1.6205	Ave		1.6221				2.5		30.0			
1,2-Dichlorobenzene	1.5994 1.5110	1.5450 1.4483	1.5041	1.5334	1.5327	Ave		1.5248				3.0		15.0			
Benzyl alcohol	0.7287 0.8590	0.7292 0.8148	0.7901	0.8133	0.8622	Ave		0.7996				6.8		15.0			
2,2'-oxybis[1-chloropropane]	2.5379 2.3253	2.4351 2.1726	2.3498	2.3823	2.4400	Ave		2.3776				4.8		15.0			
2-Methylphenol	1.1923 1.2287	1.1860 1.1751	1.1704	1.2030	1.2400	Ave		1.1994				2.2		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.7122 1.7730	1.7158 1.7265	1.6687	1.7241	1.7689	Ave		1.7270				2.1		15.0			
N-Nitrosodi-n-propylamine	0.9788 1.0660	0.9804 0.9953	0.9632	1.0021	1.0536	Ave		1.0056			0.0500	3.9		15.0			
4-Methylphenol	1.2740 1.3589	1.2486 1.2684	1.2676	1.3023	1.3499	Ave		1.2957				3.3		15.0			
Hexachloroethane	0.6605 0.6760	0.6544 0.6631	0.6376	0.6576	0.6806	Ave		0.6614				2.2		15.0			
Nitrobenzene	0.3566 0.3585	0.3449 0.3450	0.3382	0.3423	0.3577	Ave		0.3490				2.4		15.0			
Isophorone	0.6224 0.6748	0.6270 0.6521	0.6213	0.6441	0.6717	Ave		0.6448				3.5		15.0			
2-Nitrophenol	0.1897 0.2122	0.1838 0.2023	0.1870	0.1981	0.2072	Ave		0.1972				5.5		30.0			
2,4-Dimethylphenol	0.2718 0.3211	0.2757 0.3028	0.2763	0.2943	0.3141	Ave		0.2937				6.7		15.0			
Bis(2-chloroethoxy)methane	0.4048 0.4088	0.3997 0.3950	0.3939	0.4000	0.4083	Ave		0.4015				1.5		15.0			
Benzoic acid	0.0544 0.1593	0.0405 0.1878	0.0899	0.1267	0.1571	Ave		0.1165				48.3	*	15.0			
2,4-Dichlorophenol	0.2751 0.3054	0.2794 0.2928	0.2865	0.2989	0.3047	Ave		0.2918				4.1		30.0			
1,2,4-Trichlorobenzene	0.3350 0.3355	0.3280 0.3216	0.3176	0.3231	0.3302	Ave		0.3273				2.1		15.0			
Naphthalene	1.0611 0.9495	1.0302 0.7683	0.9912	1.0012	1.0035	Ave		0.9722				9.9		15.0			
4-Chloroaniline	0.3908 0.4134	0.4186 0.3902	0.4137	0.4195	0.4373	Ave		0.4119				4.0		15.0			
Hexachlorobutadiene	0.1985 0.2015	0.1917 0.1908	0.1890	0.1908	0.1981	Ave		0.1943				2.5		30.0			
Caprolactam	0.0751 0.1096	0.0841 0.1074	0.0900	0.0986	0.1077	Ave		0.0961				13.9		15.0			
4-Chloro-3-methylphenol	0.2694 0.3135	0.2794 0.3020	0.2901	0.2989	0.3130	Ave		0.2952				5.6		30.0			
2,4,5-Trichlorotoluene	1.2066 1.2451	1.1761 1.1926	1.1434	1.1761	1.2107	Ave		1.1929				2.7		15.0			
2-Methylnaphthalene	0.6996 0.6888	0.6879 0.6338	0.6830	0.6898	0.6948	Ave		0.6826				3.2		15.0			
Hexachlorocyclopentadiene	0.1153 0.2828	0.1471 0.2456	0.2087	0.2419	0.2891	Qua	0.1638	2.5081	1.2633					15.0	0.9925		0.9900

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

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetrachlorobenzene	0.2551 0.2695	0.2018 0.2591	0.2510	0.2065	0.2678	Ave		0.2444				11.6		15.0			
2,4,6-Trichlorophenol	0.3226 0.3756	0.3272 0.3641	0.3414	0.3532	0.3716	Ave		0.3508				6.0		30.0			
2,4,5-Trichlorophenol	0.3382 0.3834	0.3315 0.3732	0.3500	0.3576	0.3861	Ave		0.3600				6.0		15.0			
1,1'-Biphenyl	1.4108 1.2670	1.3708 1.0317	1.3379	1.3500	1.3267	Ave		1.2993				9.7		15.0			
2-Chloronaphthalene	1.1022 1.0412	1.0740 0.9791	1.0548	1.0622	1.0694	Ave		1.0547				3.6		15.0			
2-Nitroaniline	0.3147 0.3532	0.3206 0.3436	0.3270	0.3342	0.3579	Ave		0.3359				4.9		15.0			
Dimethyl phthalate	1.1948 1.2438	1.1992 1.1990	1.1793	1.2133	1.2612	Ave		1.2129				2.4		15.0			
2,6-Dinitrotoluene	0.2694 0.3135	0.2696 0.3066	0.2844	0.2957	0.3122	Ave		0.2931				6.5		15.0			
Acenaphthylene	1.8291 1.6159	1.7537 1.3167	1.7913	1.8002	1.8001	Ave		1.7010				10.8		15.0			
3-Nitroaniline	0.2989 0.3528	0.3088 0.3401	0.3252	0.3361	0.3570	Ave		0.3313				6.5		15.0			
Acenaphthene	1.1389 1.0933	1.1193 1.0305	1.1053	1.1055	1.1234	Ave		1.1023				3.2		30.0			
2,4-Dinitrophenol	0.0113 0.1507	0.0275 0.1643	0.0761	0.0934	0.1242	Qua	0.3967	7.4640	-3.151					15.0	0.9912		0.9900
4-Nitrophenol	+++++ 0.1533	0.1030 0.1503	0.1203	0.1287	0.1434	Ave		0.1332			0.0500	14.6		15.0			
Dibenzofuran	1.6322 1.4886	1.5948 1.2825	1.5808	1.5726	1.5739	Ave		1.5322				7.7		15.0			
2,4-Dinitrotoluene	0.3738 0.4198	0.3772 0.3989	0.3883	0.3987	0.4214	Ave		0.3969				4.7		15.0			
2,3,4,6-Tetrachlorophenol	0.2136 0.3118	0.1890 0.3072	0.2728	0.2325	0.3041	Lin	0.1164	0.3178						15.0	0.9953		0.9900
Diethyl phthalate	1.2557 1.3019	1.2426 1.2264	1.2534	1.2698	1.3188	Ave		1.2669				2.6		15.0			
Fluorene	1.3148 1.2447	1.2808 1.1485	1.2931	1.2975	1.3104	Ave		1.2700				4.6		15.0			
4-Chlorophenyl phenyl ether	0.6380 0.6253	0.6209 0.5824	0.6240	0.6440	0.6582	Ave		0.6275				3.8		15.0			
4-Nitroaniline	0.2880 0.3518	0.3053 0.3370	0.3170	0.3273	0.3591	Ave		0.3265				7.7		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	+++++ 0.1337	0.0517 0.1369	0.0918	0.1045	0.1230	Lin	0.4188	0.1532						15.0	0.9975		0.9900
N-Nitrosodiphenylamine	0.5421 0.5501	0.5377 0.5299	0.5283	0.5495	0.5627	Ave		0.5429				2.3		30.0			
1,2-Diphenylhydrazine	0.7840 0.7630	0.7622 0.6818	0.7610	0.7640	0.7988	Ave		0.7593				4.9		15.0			
4-Bromophenyl phenyl ether	0.2067 0.2251	0.2078 0.2170	0.2062	0.2175	0.2271	Ave		0.2153				4.0		15.0			
Hexachlorobenzene	0.2274 0.2347	0.2252 0.2256	0.2193	0.2284	0.2374	Ave		0.2283				2.7		15.0			
Simazine	0.1136 0.1382	0.1199 0.1359	0.1176	0.1168	0.1383	Ave		0.1258				8.9		15.0			
Atrazine	0.1765 0.2107	0.1833 0.2060	0.1742	0.1714	0.2034	Ave		0.1893				8.9		15.0			
Pentachlorophenol	+++++ 0.1361	0.0505 0.1376	0.0896	0.1033	0.1205	Lin	0.4422	0.1555						30.0	0.9966		0.9900
Pentachloronitrobenzene	0.0842 0.0962	0.0704 0.0931	0.0918	0.0739	0.0967	Ave		0.0866				12.4		15.0			
Phenanthrene	1.1105 0.9861	1.0730 0.8668	1.0504	1.0483	1.0725	Ave		1.0297				7.9		15.0			
Anthracene	1.0916 0.9626	1.0788 0.8199	1.0727	1.0693	1.0942	Ave		1.0270				9.9		15.0			
Carbazole	1.0117 0.9737	1.0005 0.8300	1.0020	1.0085	1.0455	Ave		0.9817				7.1		15.0			
Di-n-butyl phthalate	1.2199 0.9886	1.2191 0.8558	1.2384	1.2789	1.2069	Ave		1.1439				13.8		15.0			
Fluoranthene	1.1840 1.0755	1.1455 0.8879	1.1602	1.1782	1.1819	Ave		1.1162				9.6		30.0			
Benzidine	0.1204 0.2138	0.2701 0.1803	0.2843	0.2756	0.3055	Ave		0.2357				28.4	*	15.0			
Pyrene	1.2964 1.2122	1.2796 1.0863	1.2677	1.2515	1.2942	Ave		1.2411				6.0		15.0			
3,3'-Dimethylbenzidine	0.1014 0.2139	0.2218 0.1750	0.2378	0.2611	0.2706	Ave		0.2117				27.4	*	15.0			
Butyl benzyl phthalate	0.4672 0.5796	0.4898 0.5754	0.5123	0.5425	0.5833	Ave		0.5357				8.7		15.0			
3,3'-Dichlorobenzidine	0.2614 0.3277	0.2888 0.3035	0.3067	0.3262	0.3416	Ave		0.3080				8.8		15.0			
Benzo[a]anthracene	1.0992 1.0957	1.0771 1.0743	1.0864	1.0939	1.1377	Ave		1.0949				1.9		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	1.0569 0.9927	1.0619 0.9616	1.0468	1.0468	1.0278	Ave		1.0278				3.6		15.0			
Bis(2-ethylhexyl) phthalate	0.4867 0.6251	0.5020 0.6227	0.5368	0.5787	0.6401	Ave		0.5703				11.0		15.0			
Di-n-octyl phthalate	0.7179 1.5187	0.7850 1.7315	0.8783	1.0165	1.3635	Qua	0.1126	0.7983	-0.035					30.0	0.9983		0.9900
Benzo[b]fluoranthene	1.1884 1.4879	1.2301 1.5450	1.2097	1.2678	1.4374	Ave		1.3380				11.0		15.0			
Benzo[k]fluoranthene	1.2348 1.5473	1.2249 1.5007	1.3025	1.3420	1.5137	Ave		1.3808				9.9		15.0			
Benzo[a]pyrene	0.9120 1.0467	0.8771 1.0346	0.9197	0.9572	1.0678	Ave		0.9736				7.8		30.0			
Indeno[1,2,3-cd]pyrene	0.4307 0.5191	0.4154 0.6790	0.4165	0.4163	0.4367	Qua	-0.012	2.6112	-0.419					15.0	0.9997		0.9900
Dibenz(a,h)anthracene	0.3896 0.5279	0.3834 0.6736	0.4051	0.4123	0.4431	Qua	0.0108	2.5411	-0.395					15.0	0.9997		0.9900
Benzo[g,h,i]perylene	0.4005 0.5491	0.3971 0.7297	0.3914	0.3871	0.4296	Qua	0.0320	2.5220	-0.401					15.0	0.9982		0.9900
2-Fluorophenol	1.0669 1.1480	1.0668 1.1095	1.0558	1.1006	1.1357	Ave		1.0976				3.3		15.0			
Phenol-d5	1.5083 1.5545	1.4777 1.4737	1.4424	1.4881	1.5517	Ave		1.4995				2.8		15.0			
Nitrobenzene-d5	0.3426 0.3556	0.3399 0.3430	0.3331	0.3413	0.3536	Ave		0.3441				2.3		15.0			
2-Fluorobiphenyl	1.2238 1.1782	1.1882 1.0834	1.1875	1.1905	1.2006	Ave		1.1789				3.8		15.0			
2,4,6-Tribromophenol	0.1462 0.1893	0.1585 0.1856	0.1678	0.1729	0.1838	Ave		0.1720				9.2		15.0			
Terphenyl-d14	0.8816 0.8677	0.8564 0.8382	0.8441	0.8528	0.8734	Ave		0.8592				1.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53172/2	C24383.D
Level 2	IC 220-53172/3	C24384.D
Level 3	IC 220-53172/4	C24385.D
Level 4	IC 220-53172/5	C24386.D
Level 5	ICIS 220-53172/1	C24382.D
Level 6	IC 220-53172/6	C24387.D
Level 7	IC 220-53172/7	C24388.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	25450 703512	45923 947690	117766	237209	515248	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	31212 909178	58382 1251058	151682	299732	684995	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	65842 1045171	122649 1137237	286354	503681	1286753	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	20038 846241	136616 871155	322574	567163	542609	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	135224 3758159	269132 5005861	665076	1283235	2996079	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	127241 3640043	243333 4945278	621659	1254727	2673190	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	89496 2579495	162600 3308051	423354	849090	1858789	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	109166 3133432	206544 4169511	540262	1060817	2286311	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	123554 3543448	236777 4696900	597118	1212539	2560016	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	130344 3604636	246190 4801673	618885	1236196	2594029	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	123191 3313768	232634 4429781	587423	1178251	2453496	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	56130 1883893	109802 2492171	308575	624949	1380235	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	195481 5099332	366656 6645015	917709	1830525	3905901	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	91841 2694620	178578 3594177	457103	924340	1985009	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	131881 3888287	258339 5280643	651712	1324777	2831595	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	75395 2337830	147613 3044350	376195	769953	1686613	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Methylphenol	DCB	Ave	98128 2980129	187997 3879597	495074	1000643	2160958	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	50873 1482393	98530 2028141	249002	505281	1089418	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	112123 3252529	214116 4372598	538783	1083639	2379544	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	195709 6123034	389252 8264505	989740	2039112	4468082	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	59652 1925695	114078 2564364	297869	627269	1378263	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	85448 2913307	171115 3837088	440241	931717	2089274	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	127264 3709682	248124 5006793	627519	1266250	2715715	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Ave	17090 1445126	62838 2380762	358074	601428	1044768	2.00 60.0	10.0 80.0	25.0	30.0	40.0
2,4-Dichlorophenol	NPT	Ave	86488 2771151	173462 3711015	456426	946236	2026438	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	105336 3044375	203603 4076394	506010	1022803	2196275	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	333623 8615487	639519 9737738	1579152	3169601	6675158	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	122869 3750967	259866 4945288	659042	1328080	2908487	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	62413 1828669	118974 2417654	301066	604139	1317820	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	23617 994728	52209 1361515	143405	312075	716065	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	84707 2845025	173440 3827018	462198	946316	2081625	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	92936 2730503	177090 3647726	446541	903669	1938065	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	219979 6250028	427046 8033452	1088116	2183737	4621813	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorocyclopentadiene	ANT	Qua	22008 1609822	56637 1924960	204359	476008	1190080	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	48704 1534331	97156 2030120	245710	508066	1102614	2.00 60.0	5.00 80.0	10.0	25.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	61605 2138143	126031 2852984	334247	695066	1529779	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	161447 2182451	319209 2924819	856667	1055649	1589345	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	269400 7212957	527961 8084374	1309867	2656963	5461519	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	210470 5927610	413659 7672354	1032657	2090408	4402182	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	60100 2010519	123498 2692448	320148	657789	1473330	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	228144 7080755	461892 9395633	1154538	2387906	5191795	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	51450 1784938	103839 2402843	278428	582050	1285329	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	349281 9199043	675425 10318238	1753698	3542865	7410193	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	57069 2008351	118943 2665358	318403	661533	1469739	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	217480 6224177	431091 8075098	1082097	2175643	4624741	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Qua	5405 858063	26452 1287148	186380	275789	511193	5.00 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	+++++ 872844	99182 1177950	294493	380046	590241	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	311681 8474349	614237 10050077	1547670	3095025	6479291	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	71380 2389784	145291 3125836	380166	784724	1734722	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Lin	40790 1775035	91016 2407385	267123	572004	1251950	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Diethyl phthalate	ANT	Ave	239785 7411859	478600 9610073	1227091	2498990	5428874	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	251058 7085751	493292 8999915	1265960	2553554	5394466	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	121830 3560012	239135 4563777	610883	1267356	2709503	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	54990 2002590	117595 2641164	310384	644230	1478469	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Lin	+++++ 1313173	85432 1852217	391152	531554	872171	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	177459 5402276	355356 7170174	900017	1863686	3991223	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	256660 7493397	503744 9226874	1296396	2591380	5666474	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	67677 2210448	137319 2936467	351250	737873	1611022	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	74435 2305303	148838 3052299	373657	774678	1684265	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	37188 1357121	79249 1839591	200345	396019	981307	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Atrazine	PHN	Ave	57776 2069524	121127 2787820	296726	581398	1442635	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Lin	+++++ 1336815	83419 1862005	381687	525469	855073	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	27569 944541	58122 1259680	156359	313478	686095	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Phenanthrene	PHN	Ave	363570 9684422	709159 11730010	1789487	3555651	7608057	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	357375 9453460	713013 11094557	1827430	3626862	7761881	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	331216 9562657	661237 11232228	1707035	3420808	7416140	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	399386 9709354	805681 11581475	2109709	4337717	8561401	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	387605 10563150	757073 12015391	1976562	3996443	8383421	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Ave	36183 1887512	164909 2077105	448395	876611	2020186	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	389562 10701636	781166 12513422	1999396	3981098	8559185	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Ave	30455 1888641	135379 2016130	375042	830632	1790002	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	140383 5116444	298994 6627518	807963	1725675	3857610	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	78555 2893256	176280 3496344	483716	1037527	2259157	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	330291 9673388	657556 12374571	1713434	3479708	7524720	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	317568 8763826	648237 11077039	1650984	3330034	6797464	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	146253 5518149	306460 7172771	846616	1840984	4233667	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Qua	127146 6032821	288860 7919198	842068	1943917	4581721	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Ave	210485 5910395	452620 7066322	1159720	2424410	4830150	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53172

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/21/2011 10:38 Calibration End Date: 07/21/2011 13:49 Calibration ID: 11557

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	218692 6146394	450709 6863532	1248737	2566322	5086426	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	161526 4157905	322723 4732090	881686	1830579	3588331	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Qua	76280 2061823	152837 3105432	399330	796184	1467333	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Qua	69002 2096900	141079 3080763	388326	788487	1488813	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Qua	70928 2181162	146105 3337379	375252	740314	1443568	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	82177 2517554	160633 3393417	412348	845684	1817917	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	116178 3408948	222496 4507606	563342	1143432	2483847	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	107706 3226212	210982 4347197	530736	1080462	2351800	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	233689 6707329	457652 8489947	1162623	2342923	4942439	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	69776 1077585	152576 1454129	410726	510533	756553	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Terphenyl-d14	CRY	Ave	264913 7660059	522779 9655228	1331281	2712889	5776350	2.00 60.0	4.00 80.0	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24382.D
Lab Smp Id: ICIS-641574 Client Smp ID: ICIS-641574
Inj Date : 21-JUL-2011 10:38
Operator : S.Jonas Inst ID: msc.i
Smp Info : ICIS-641574
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:33 msc.i Quant Type: ISTD
Cal Date : 21-JUL-2011 13:49 Cal File: C24388.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	800385	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	1817917	40.0000	41
$ 3	Phenol-d5	99	4.528	4.528	(0.934)	2483847	40.0000	41
4	Pyridine	52	1.608	1.608	(0.332)	684995	40.0000	42
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	515248	40.0000	41
6	Cyclohexanone	42	3.626	3.626	(0.748)	1286753	40.0000	48
128	Benzaldehyde	77	4.368	4.368	(0.901)	542609	40.0000	25
7	Phenol	94	4.546	4.546	(0.938)	2673190	40.0000	41
8	Aniline	93	4.504	4.504	(0.929)	2996079	40.0000	43
9	bis(2-Chloroethyl)ether	63	4.599	4.599	(0.949)	1858789	40.0000	41
10	2-Chlorophenol	128	4.629	4.629	(0.955)	2286311	40.0000	41
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	2560016	40.0000	41
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	2594029	40.0000	40
13	Benzyl alcohol	108	5.032	5.032	(1.038)	1380235	40.0000	43
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	2453496	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	3905901	40.0000	41
16	2-Methylphenol	108	5.187	5.187	(1.070)	1985009	40.0000	41
92	Acetophenone	105	5.305	5.305	(1.094)	2831595	40.0000	41
17	Hexachloroethane	117	5.388	5.388	(1.111)	1089418	40.0000	41
18	N-Nitroso-di-n-propylamine	70	5.329	5.329	(1.099)	1686613	40.0000	42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.353	5.353	(1.104)	2160958	40.0000	42
*	20 Naphthalene-d8	136	6.213	6.213	(1.000)	3325805	20.0000	
$	21 Nitrobenzene-d5	82	5.454	5.454	(0.878)	2351800	40.0000	41
	22 Nitrobenzene	77	5.477	5.477	(0.882)	2379544	40.0000	41
	23 Isophorone	82	5.745	5.745	(0.925)	4468082	40.0000	42
	24 2-Nitrophenol	139	5.816	5.816	(0.936)	1378263	40.0000	42
	25 2,4-Dimethylphenol	122	5.905	5.905	(0.950)	2089274	40.0000	43
	26 Benzoic Acid	122	6.077	6.077	(0.978)	1044768	40.0000	54(M)
	27 Bis(2-Chloroethoxy)methane	93	5.994	5.994	(0.965)	2715715	40.0000	41
	28 2,4-Dichlorophenol	162	6.089	6.089	(0.980)	2026438	40.0000	42
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.991)	2196275	40.0000	40
	30 Naphthalene	128	6.237	6.237	(1.004)	6675158	40.0000	41
	31 4-Chloroaniline	127	6.314	6.314	(1.016)	2908487	40.0000	42
	32 Hexachlorobutadiene	225	6.391	6.391	(1.029)	1317820	40.0000	41
	129 Caprolactam	113	6.730	6.730	(1.083)	716065	40.0000	45(M)
	33 4-Chloro-3-methylphenol	107	6.866	6.866	(1.105)	2081625	40.0000	42
	34 2-Methylnaphthalene	142	6.979	6.979	(1.123)	4621813	40.0000	41
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	2058291	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.943	6.943	(1.432)	1938065	40.0000	41
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	1190080	40.0000	44
	38 2,4,6-Trichlorophenol	196	7.294	7.294	(0.903)	1529779	40.0000	42
	39 2,4,5-Trichlorophenol	196	7.335	7.335	(0.908)	1589345	40.0000	43
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	4942439	40.0000	41
	130 1,1'-Biphenyl	154	7.478	7.478	(0.926)	5461519	40.0000	41
	41 2-Chloronaphthalene	162	7.490	7.490	(0.927)	4402182	40.0000	41
	42 2-Nitroaniline	65	7.614	7.614	(0.943)	1473330	40.0000	43
	43 Acenaphthylene	152	7.923	7.923	(0.981)	7410193	40.0000	42
	44 Dimethylphthalate	163	7.828	7.828	(0.969)	5191795	40.0000	42
	45 2,6-Dinitrotoluene	165	7.881	7.881	(0.976)	1285329	40.0000	43
	46 Acenaphthene	153	8.113	8.113	(1.004)	4624741	40.0000	41
	47 3-Nitroaniline	138	8.053	8.053	(0.997)	1469739	40.0000	43
	48 2,4-Dinitrophenol	184	8.160	8.160	(1.010)	511193	40.0000	38
	49 Dibenzofuran	168	8.297	8.297	(1.027)	6479291	40.0000	41
	50 2,4-Dinitrotoluene	165	8.303	8.303	(1.028)	1734722	40.0000	42
	51 4-Nitrophenol	109	8.261	8.261	(1.023)	590241	40.0000	43
	52 Fluorene	166	8.659	8.659	(1.072)	5394466	40.0000	41
	53 4-Chlorophenyl-phenylether	204	8.671	8.671	(1.073)	2709503	40.0000	42
	54 Diethylphthalate	149	8.576	8.576	(1.062)	5428874	40.0000	42
	55 4-Nitroaniline	138	8.706	8.706	(1.078)	1478469	40.0000	44
$	56 2,4,6-Tribromophenol	330	8.920	8.920	(1.104)	756553	40.0000	43
*	57 Phenanthrene-d10	188	9.650	9.650	(1.000)	3546731	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.736	8.736	(0.905)	872171	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	8.801	8.801	(0.912)	3991223	40.0000	41
	60 1,2-Diphenylhydrazine	77	8.837	8.837	(0.916)	5666474	40.0000	42
	61 4-Bromophenyl-phenylether	248	9.187	9.187	(0.952)	1611022	40.0000	42
	131 Atrazine	200	9.389	9.389	(0.973)	1442635	40.0000	43
	62 Hexachlorobenzene	284	9.252	9.252	(0.959)	1684265	40.0000	42
	63 Pentachlorophenol	266	9.466	9.466	(0.981)	855073	40.0000	39
	64 Phenanthrene	178	9.674	9.674	(1.002)	7608057	40.0000	42
	65 Carbazole	167	9.905	9.905	(1.026)	7416140	40.0000	43
	66 Anthracene	178	9.733	9.733	(1.009)	7761881	40.0000	43
	67 Di-n-butylphthalate	149	10.297	10.297	(1.067)	8561401	40.0000	42
	68 Fluoranthene	202	10.938	10.938	(1.133)	8383421	40.0000	42
*	70 Chrysene-d12	240	12.540	12.540	(1.000)	3306861	20.0000	

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	71 Benzidine	184	11.080	11.080	(0.884)	2020186	40.0000	52
	72 Pyrene	202	11.175	11.175	(0.891)	8559185	40.0000	42
$	73 Terphenyl-d14	244	11.347	11.347	(0.905)	5776350	40.0000	41
	74 Butylbenzylphthalate	149	11.876	11.876	(0.947)	3857610	40.0000	44
	124 3,3'-Dimethylbenzidine	212	11.852	11.852	(0.945)	1790002	40.0000	51
	75 3,3'-Dichlorobenzidine	252	12.505	12.505	(0.997)	2259157	40.0000	44
	76 Benzo(a)anthracene	228	12.529	12.529	(0.999)	7524720	40.0000	42
	77 Chrysene	228	12.576	12.576	(1.003)	6797464	40.0000	40
	78 Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.003)	4233667	40.0000	45
*	79 Perylene-d12	264	14.731	14.731	(1.000)	1680173	20.0000	
	80 Di-n-octylphthalate	149	13.502	13.502	(0.917)	4581721	40.0000	41
	81 Benzo(b)fluoranthene	252	14.090	14.090	(0.956)	4830150	40.0000	43
	82 Benzo(k)fluoranthene	252	14.137	14.137	(0.960)	5086426	40.0000	44
	83 Benzo(a)pyrene	252	14.636	14.636	(0.994)	3588331	40.0000	44
	84 Indeno(1,2,3-cd)pyrene	276	16.743	16.743	(1.137)	1467333	40.0000	39
	85 Dibenzo(a,h)anthracene	278	16.796	16.796	(1.140)	1488813	40.0000	39
	86 Benzo(g,h,i)perylene	276	17.271	17.271	(1.172)	1443568	40.0000	38
	167 Simazine	201	9.359	9.359	(0.970)	981307	40.0000	44
	103 1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	1102614	40.0000	44
	109 2,3,4,6-Tetrachlorophenol	232	8.439	8.439	(1.045)	1251950	40.0000	41
	119 Pentachloronitrobenzene	237	9.478	9.478	(0.982)	686095	40.0000	45

QC Flag Legend

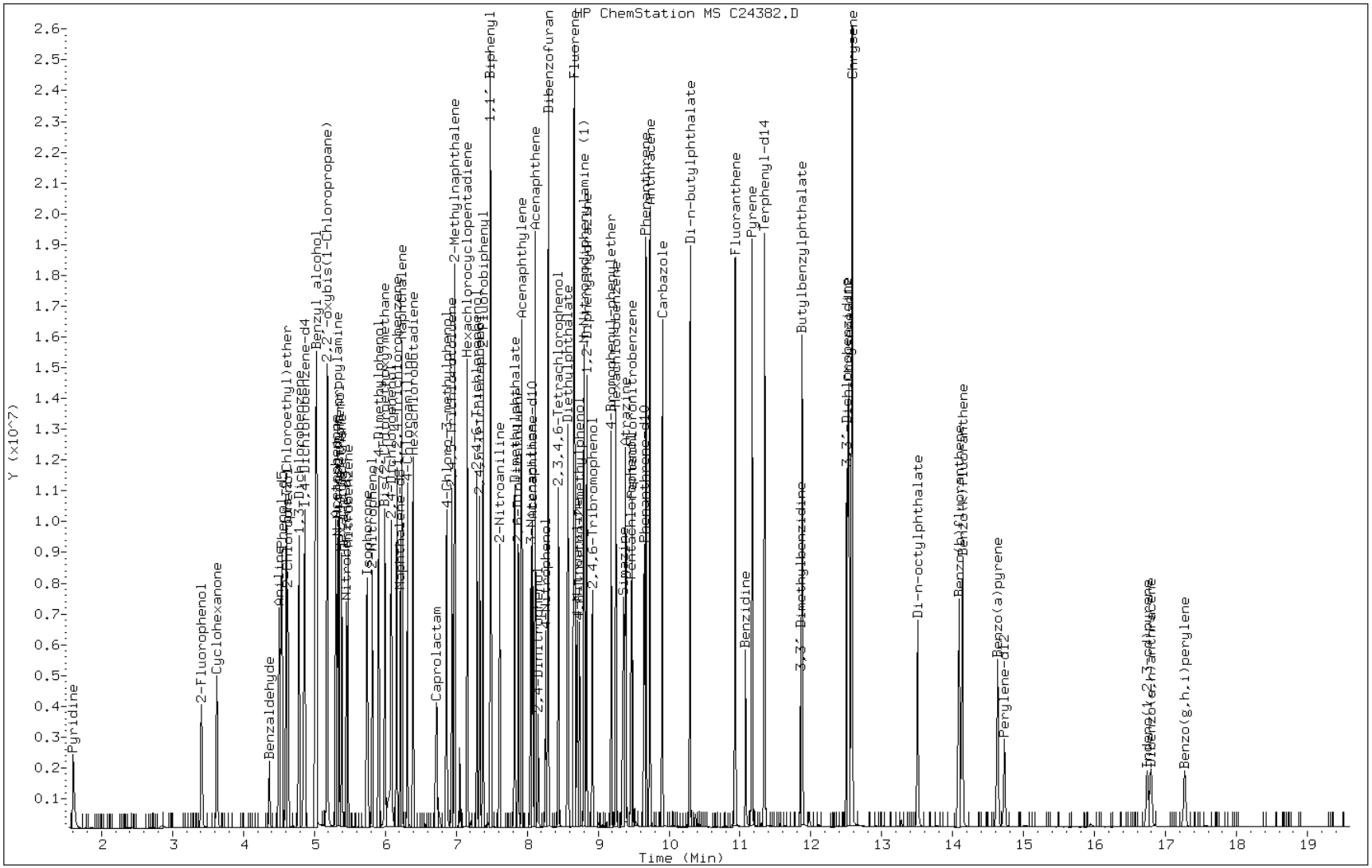
M - Compound response manually integrated.

Data File: C24382.D

Date: 21-JUL-2011 10:38

Client ID: ICIS-641574 Instrument: msc.i

Sample Info: ICIS-641574 Operator: S.Jonas



Manual Integration Report

Data File: C24382.D
Inj. Date and Time: 21-JUL-2011 10:38
Instrument ID: msc.i
Client ID: ICIS-641574
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

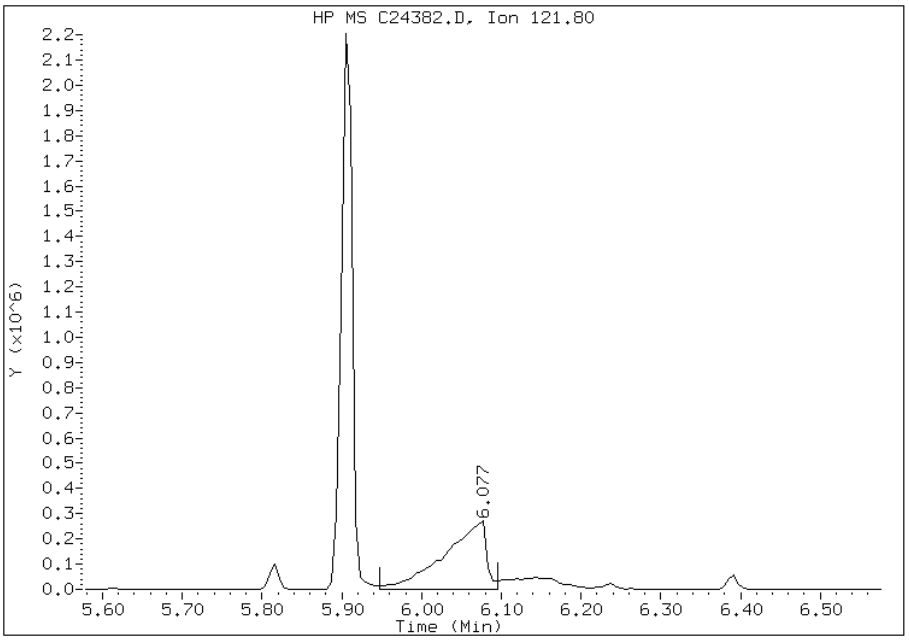
Processing Integration Results

RT: 6.08

Response: 984341

Amount: 40

Conc: 40



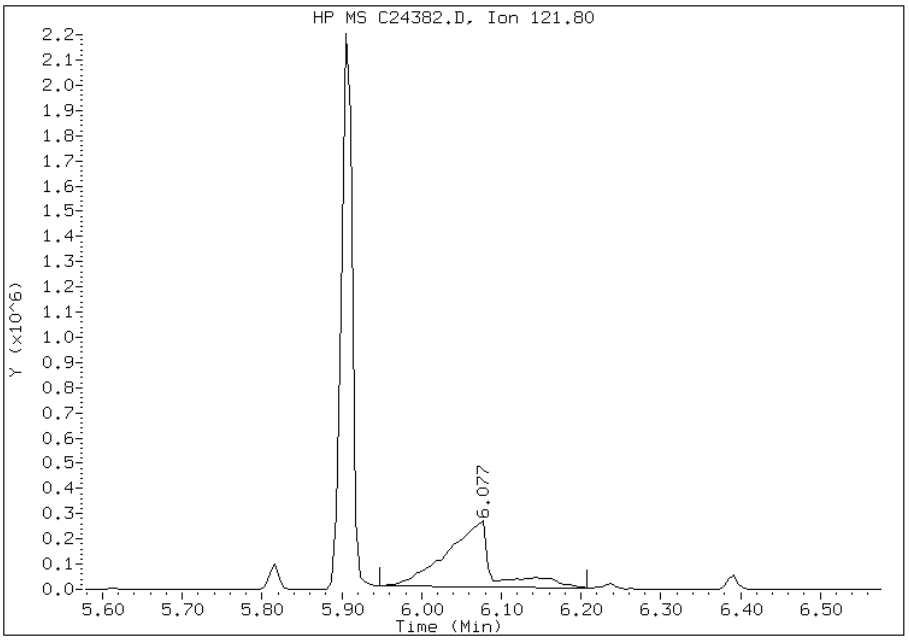
Manual Integration Results

RT: 6.08

Response: 1044768

Amount: 54

Conc: 54



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24382.D
Inj. Date and Time: 21-JUL-2011 10:38
Instrument ID: msc.i
Client ID: ICIS-641574
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

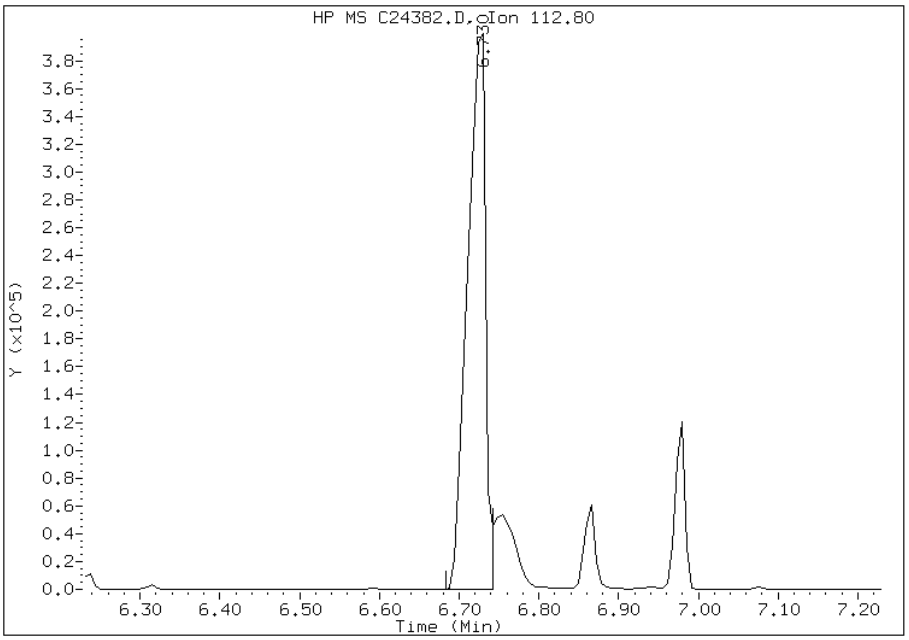
Processing Integration Results

RT: 6.73

Response: 628270

Amount: 40

Conc: 40



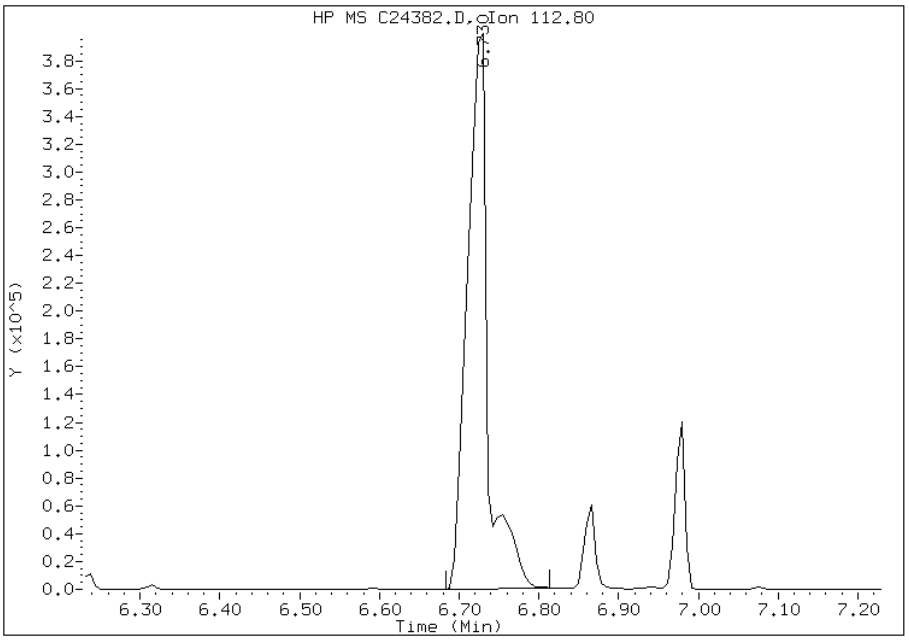
Manual Integration Results

RT: 6.73

Response: 716065

Amount: 45

Conc: 45



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24383.D
Lab Smp Id: IC-635513 Client Smp ID: IC-635513
Inj Date : 21-JUL-2011 11:16
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635513
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 11:16 Cal File: C24383.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	770255	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	82177	2.00000	2
$ 3	Phenol-d5	99	4.516	4.516	(0.931)	116178	2.00000	2
5	N-Nitrosodimethylamine	42	1.608	1.608	(0.332)	25450	2.00000	2
6	Cyclohexanone	42	3.632	3.632	(0.749)	65842	2.00000	3
128	Benzaldehyde	77	4.368	4.368	(0.901)	20038	2.00000	1.0
7	Phenol	94	4.528	4.528	(0.934)	127241	2.00000	2
8	Aniline	93	4.498	4.498	(0.928)	135224	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.593	4.593	(0.947)	89496	2.00000	2
10	2-Chlorophenol	128	4.623	4.623	(0.953)	109166	2.00000	2
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	123554	2.00000	2
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	130344	2.00000	2
13	Benzyl alcohol	108	5.026	5.026	(1.037)	56130	2.00000	2
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	123191	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	195481	2.00000	2
16	2-Methylphenol	108	5.175	5.175	(1.067)	91841	2.00000	2
92	Acetophenone	105	5.293	5.293	(1.092)	131881	2.00000	2
17	Hexachloroethane	117	5.388	5.388	(1.111)	50873	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.317	5.317	(1.097)	75395	2.00000	2
19	4-Methylphenol	108	5.341	5.341	(1.102)	98128	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.207	6.207	(1.000)	3144200	20.0000	
$	21 Nitrobenzene-d5	82	5.448	5.448	(0.878)	107706	2.00000	2
	22 Nitrobenzene	77	5.466	5.466	(0.880)	112123	2.00000	2
	23 Isophorone	82	5.733	5.733	(0.924)	195709	2.00000	2
	24 2-Nitrophenol	139	5.810	5.810	(0.936)	59652	2.00000	2
	25 2,4-Dimethylphenol	122	5.899	5.899	(0.950)	85448	2.00000	2
	27 Bis(2-Chloroethoxy)methane	93	5.988	5.988	(0.965)	127264	2.00000	2
	28 2,4-Dichlorophenol	162	6.077	6.077	(0.979)	86488	2.00000	2
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.992)	105336	2.00000	2
	30 Naphthalene	128	6.231	6.231	(1.004)	333623	2.00000	2
	31 4-Chloroaniline	127	6.308	6.308	(1.016)	122869	2.00000	2
	32 Hexachlorobutadiene	225	6.391	6.391	(1.030)	62413	2.00000	2
	129 Caprolactam	113	6.641	6.641	(1.070)	23617	2.00000	2
	33 4-Chloro-3-methylphenol	107	6.848	6.848	(1.103)	84707	2.00000	2
	34 2-Methylnaphthalene	142	6.973	6.973	(1.123)	219979	2.00000	2
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1909548	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.938	6.938	(1.431)	92936	2.00000	2
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	22008	2.00000	2
	38 2,4,6-Trichlorophenol	196	7.288	7.288	(0.902)	61605	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.323	7.323	(0.907)	161447	5.00000	5
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	233689	2.00000	2
	130 1,1'-Biphenyl	154	7.472	7.472	(0.925)	269400	2.00000	2
	41 2-Chloronaphthalene	162	7.484	7.484	(0.927)	210470	2.00000	2
	42 2-Nitroaniline	65	7.602	7.602	(0.941)	60100	2.00000	2
	43 Acenaphthylene	152	7.917	7.917	(0.980)	349281	2.00000	2
	44 Dimethylphthalate	163	7.810	7.810	(0.967)	228144	2.00000	2
	45 2,6-Dinitrotoluene	165	7.863	7.863	(0.974)	51450	2.00000	2
	46 Acenaphthene	153	8.107	8.107	(1.004)	217480	2.00000	2
	47 3-Nitroaniline	138	8.036	8.036	(0.995)	57069	2.00000	2
	48 2,4-Dinitrophenol	184	8.148	8.148	(1.009)	5405	5.00000	11
	49 Dibenzofuran	168	8.291	8.291	(1.026)	311681	2.00000	2
	50 2,4-Dinitrotoluene	165	8.291	8.291	(1.026)	71380	2.00000	2
	51 4-Nitrophenol	109	8.243	8.243	(1.021)	42173	5.00000	3
	52 Fluorene	166	8.653	8.653	(1.071)	251058	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.665	8.665	(1.073)	121830	2.00000	2
	54 Diethylphthalate	149	8.564	8.564	(1.060)	239785	2.00000	2
	55 4-Nitroaniline	138	8.677	8.677	(1.074)	54990	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.908	8.908	(1.103)	69776	5.00000	4
*	57 Phenanthrene-d10	188	9.644	9.644	(1.000)	3273794	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.718	8.718	(0.904)	20202	5.00000	8
	59 N-Nitrosodiphenylamine (1)	169	8.789	8.789	(0.911)	177459	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.831	8.831	(0.916)	256660	2.00000	2
	61 4-Bromophenyl-phenylether	248	9.181	9.181	(0.952)	67677	2.00000	2
	131 Atrazine	200	9.371	9.371	(0.972)	57776	2.00000	2
	62 Hexachlorobenzene	284	9.246	9.246	(0.959)	74435	2.00000	2
	63 Pentachlorophenol	266	9.454	9.454	(0.980)	20903	5.00000	8
	64 Phenanthrene	178	9.668	9.668	(1.002)	363570	2.00000	2
	65 Carbazole	167	9.899	9.899	(1.026)	331216	2.00000	2
	66 Anthracene	178	9.721	9.721	(1.008)	357375	2.00000	2
	67 Di-n-butylphthalate	149	10.291	10.291	(1.067)	399386	2.00000	2
	68 Fluoranthene	202	10.926	10.926	(1.133)	387605	2.00000	2
*	70 Chrysene-d12	240	12.535	12.535	(1.000)	3004846	20.0000	
	72 Pyrene	202	11.163	11.163	(0.891)	389562	2.00000	2
$	73 Terphenyl-d14	244	11.342	11.342	(0.905)	264913	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
74	Butylbenzylphthalate	149	11.876	11.876	(0.947)	140383	2.00000	2
75	3,3'-Dichlorobenzidine	252	12.493	12.493	(0.997)	78555	2.00000	2
76	Benzo(a)anthracene	228	12.517	12.517	(0.999)	330291	2.00000	2
77	Chrysene	228	12.564	12.564	(1.002)	317568	2.00000	2
78	Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.004)	146253	2.00000	2
* 79	Perylene-d12	264	14.731	14.731	(1.000)	1771128	20.0000	
80	Di-n-octylphthalate	149	13.502	13.502	(0.917)	127146	2.00000	3
81	Benzo(b)fluoranthene	252	14.072	14.072	(0.955)	210485	2.00000	2
82	Benzo(k)fluoranthene	252	14.119	14.119	(0.959)	218692	2.00000	2
83	Benzo(a)pyrene	252	14.618	14.618	(0.992)	161526	2.00000	2
84	Indeno(1,2,3-cd)pyrene	276	16.731	16.731	(1.136)	76280	2.00000	2
85	Dibenzo(a,h)anthracene	278	16.784	16.784	(1.139)	69002	2.00000	2
86	Benzo(g,h,i)perylene	276	17.253	17.253	(1.171)	70928	2.00000	3
167	Simazine	201	9.329	9.329	(0.967)	37188	2.00000	3(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	48704	2.00000	2
109	2,3,4,6-Tetrachlorophenol	232	8.433	8.433	(1.044)	40790	2.00000	4
119	Pentachloronitrobenzene	237	9.472	9.472	(0.982)	27569	2.00000	2

QC Flag Legend

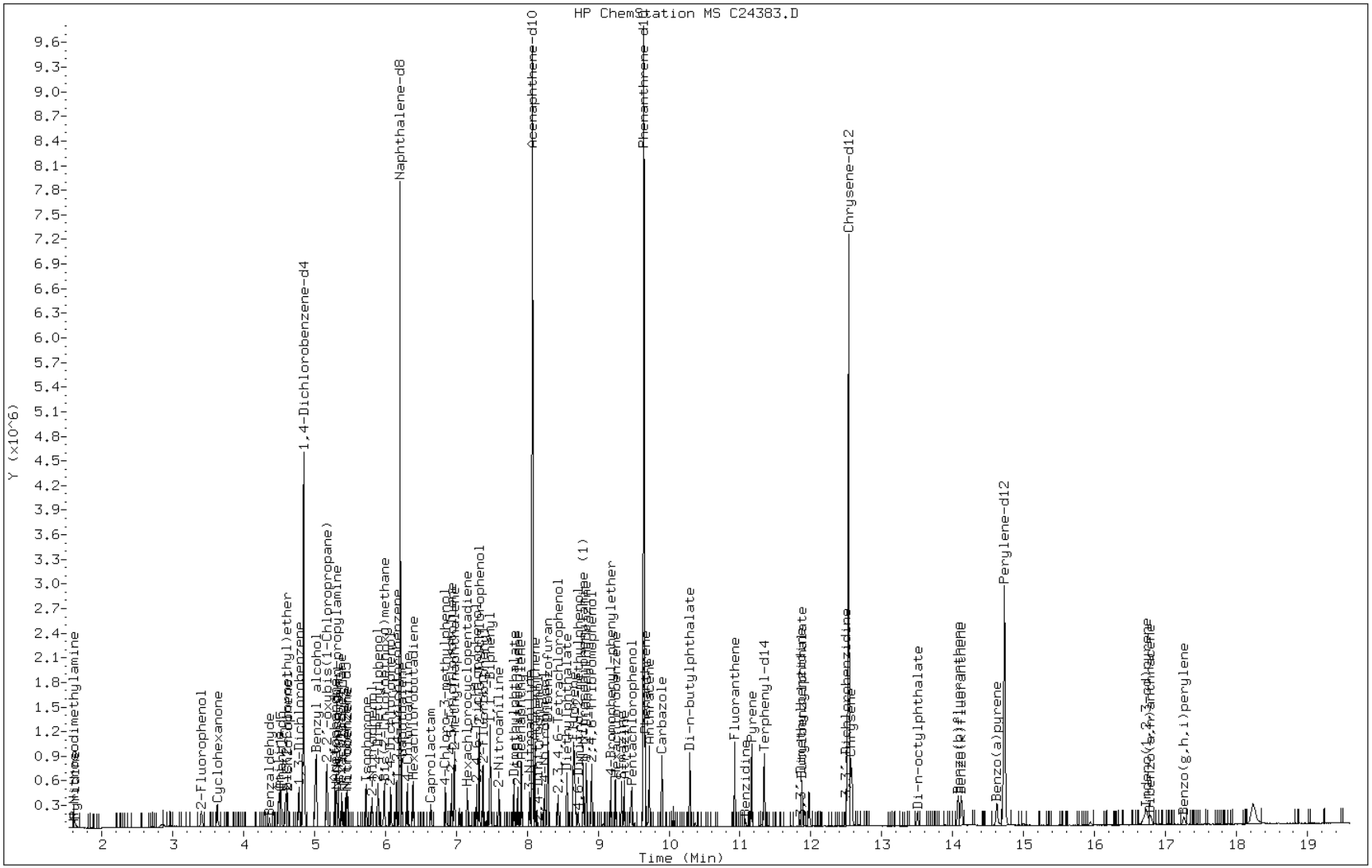
H - Operator selected an alternate compound hit.

Data File: C24383.D

Date: 21-JUL-2011 11:16

Client ID: IC-635513 Instrument: msc.i

Sample Info: IC-635513 Operator: S.Jonas



Manual Integration Report

Data File: C24383.D
Inj. Date and Time: 21-JUL-2011 11:16
Instrument ID: msc.i
Client ID: IC-635513
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/22/2011

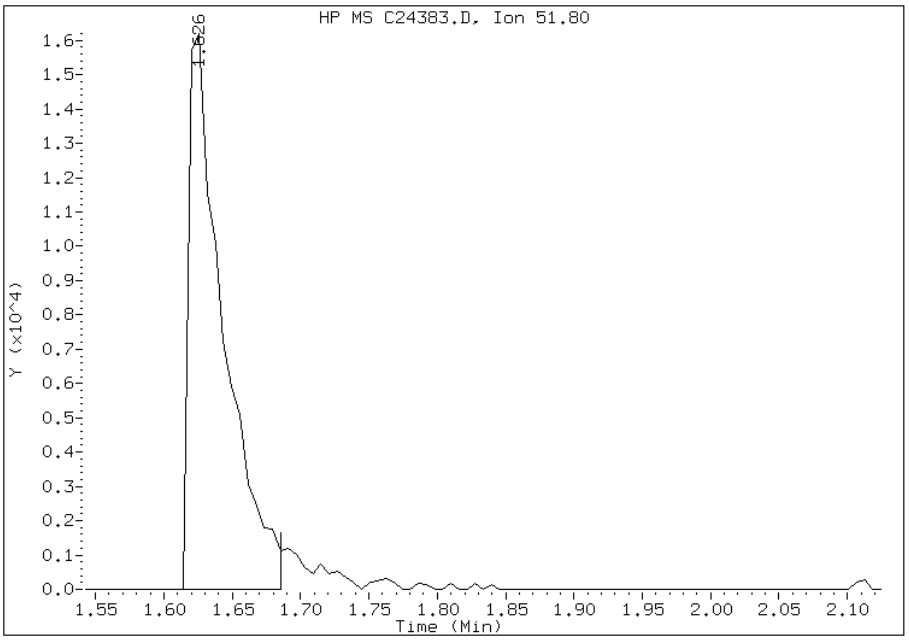
Processing Integration Results

RT: 1.63

Response: 29209

Amount: 2

Conc: 2



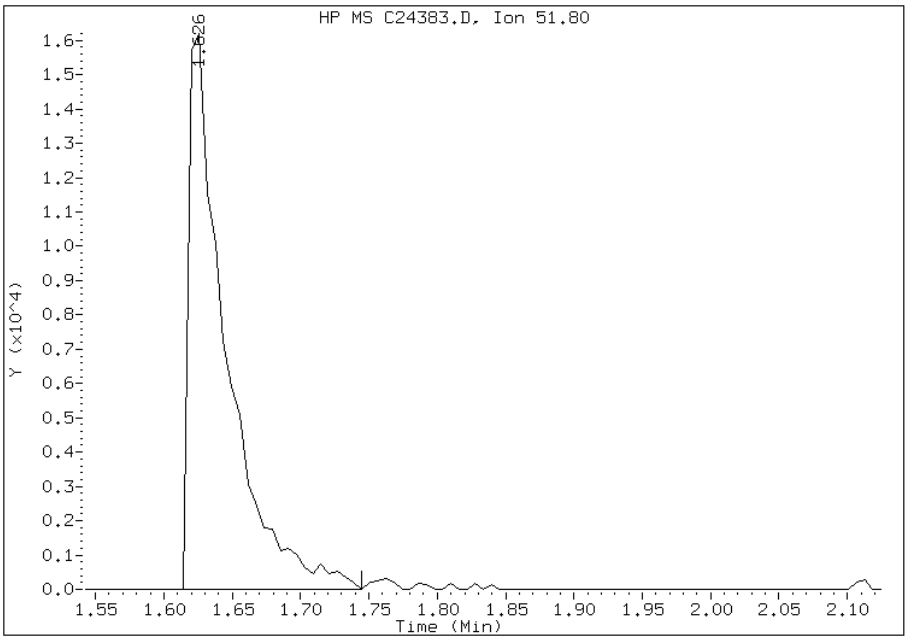
Manual Integration Results

RT: 1.63

Response: 31212

Amount: 2

Conc: 2



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24383.D
Inj. Date and Time: 21-JUL-2011 11:16
Instrument ID: msc.i
Client ID: IC-635513
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

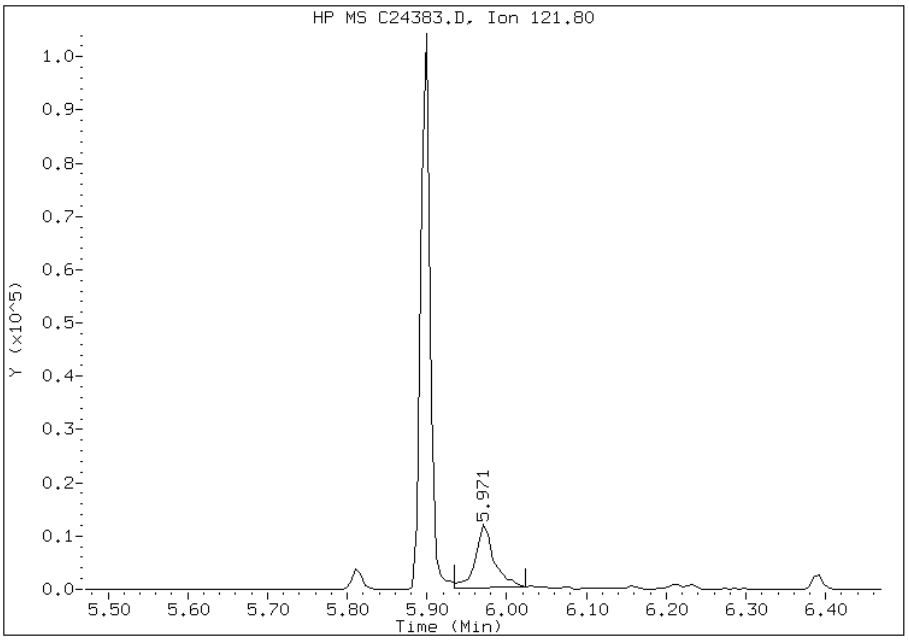
Processing Integration Results

RT: 5.97

Response: 19888

Amount: 1

Conc: 1



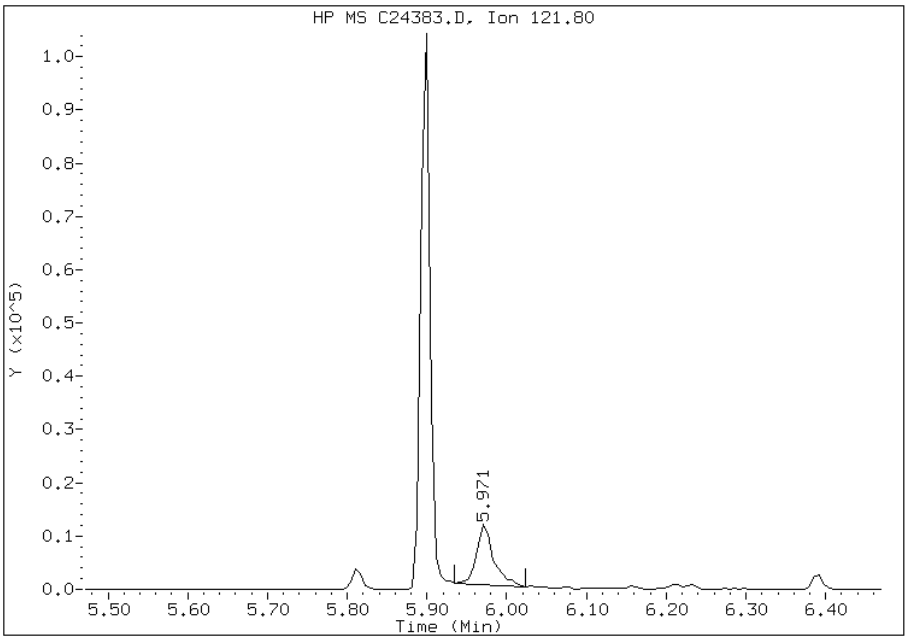
Manual Integration Results

RT: 5.97

Response: 17090

Amount: 1

Conc: 1



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24384.D
Lab Smp Id: IC-635514 Client Smp ID: IC-635514
Inj Date : 21-JUL-2011 11:46
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635514
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 11:46 Cal File: C24384.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.842	4.842	(1.000)	752844	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	160633	4.00000	4
$ 3	Phenol-d5	99	4.516	4.516	(0.933)	222496	4.00000	4
4	Pyridine	52	1.619	1.619	(0.335)	58382	4.00000	4
5	N-Nitrosodimethylamine	42	1.608	1.608	(0.332)	45923	4.00000	4
6	Cyclohexanone	42	3.626	3.626	(0.749)	122649	4.00000	5
128	Benzaldehyde	77	4.362	4.362	(0.901)	136616	4.00000	7
7	Phenol	94	4.528	4.528	(0.935)	243333	4.00000	4
8	Aniline	93	4.498	4.498	(0.929)	269132	4.00000	4
9	bis(2-Chloroethyl)ether	63	4.587	4.587	(0.947)	162600	4.00000	4
10	2-Chlorophenol	128	4.623	4.623	(0.955)	206544	4.00000	4
11	1,3-Dichlorobenzene	146	4.777	4.777	(0.987)	236777	4.00000	4
12	1,4-Dichlorobenzene	146	4.860	4.860	(1.004)	246190	4.00000	4
13	Benzyl alcohol	108	5.020	5.020	(1.037)	109802	4.00000	4
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.038)	232634	4.00000	4
15	2,2'-oxybis(1-Chloropropane)	45	5.175	5.175	(1.069)	366656	4.00000	4
16	2-Methylphenol	108	5.169	5.169	(1.067)	178578	4.00000	4
92	Acetophenone	105	5.293	5.293	(1.093)	258339	4.00000	4
17	Hexachloroethane	117	5.382	5.382	(1.112)	98530	4.00000	4
18	N-Nitroso-di-n-propylamine	70	5.311	5.311	(1.097)	147613	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.335	5.335	(1.102)	187997	4.00000	4
*	20 Naphthalene-d8	136	6.207	6.207	(1.000)	3103839	20.0000	
$	21 Nitrobenzene-d5	82	5.442	5.442	(0.877)	210982	4.00000	4
	22 Nitrobenzene	77	5.466	5.466	(0.880)	214116	4.00000	4
	23 Isophorone	82	5.727	5.727	(0.923)	389252	4.00000	4
	24 2-Nitrophenol	139	5.810	5.810	(0.936)	114078	4.00000	4
	25 2,4-Dimethylphenol	122	5.893	5.893	(0.949)	171115	4.00000	4
	26 Benzoic Acid	122	5.988	5.988	(0.965)	62838	10.0000	3(M)
	27 Bis(2-Chloroethoxy)methane	93	5.982	5.982	(0.964)	248124	4.00000	4
	28 2,4-Dichlorophenol	162	6.077	6.077	(0.979)	173462	4.00000	4
	29 1,2,4-Trichlorobenzene	180	6.154	6.154	(0.991)	203603	4.00000	4
	30 Naphthalene	128	6.225	6.225	(1.003)	639519	4.00000	4
	31 4-Chloroaniline	127	6.302	6.302	(1.015)	259866	4.00000	4
	32 Hexachlorobutadiene	225	6.385	6.385	(1.029)	118974	4.00000	4
	129 Caprolactam	113	6.647	6.647	(1.071)	52209	4.00000	4
	33 4-Chloro-3-methylphenol	107	6.848	6.848	(1.103)	173440	4.00000	4
	34 2-Methylnaphthalene	142	6.967	6.967	(1.122)	427046	4.00000	4
*	35 Acenaphthene-d10	164	8.071	8.071	(1.000)	1925762	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.932	6.932	(1.431)	177090	4.00000	4
	37 Hexachlorocyclopentadiene	237	7.151	7.151	(0.886)	56637	4.00000	3
	38 2,4,6-Trichlorophenol	196	7.282	7.282	(0.902)	126031	4.00000	4
	39 2,4,5-Trichlorophenol	196	7.317	7.317	(0.907)	319209	10.0000	9
$	40 2-Fluorobiphenyl	172	7.371	7.371	(0.913)	457652	4.00000	4
	130 1,1'-Biphenyl	154	7.472	7.472	(0.926)	527961	4.00000	4
	41 2-Chloronaphthalene	162	7.478	7.478	(0.926)	413659	4.00000	4
	42 2-Nitroaniline	65	7.596	7.596	(0.941)	123498	4.00000	4
	43 Acenaphthylene	152	7.917	7.917	(0.981)	675425	4.00000	4
	44 Dimethylphthalate	163	7.810	7.810	(0.968)	461892	4.00000	4
	45 2,6-Dinitrotoluene	165	7.863	7.863	(0.974)	103839	4.00000	4
	46 Acenaphthene	153	8.101	8.101	(1.004)	431091	4.00000	4
	47 3-Nitroaniline	138	8.036	8.036	(0.996)	118943	4.00000	4
	48 2,4-Dinitrophenol	184	8.142	8.142	(1.009)	26452	10.0000	12
	49 Dibenzofuran	168	8.285	8.285	(1.026)	614237	4.00000	4
	50 2,4-Dinitrotoluene	165	8.285	8.285	(1.026)	145291	4.00000	4
	51 4-Nitrophenol	109	8.243	8.243	(1.021)	99182	10.0000	8
	52 Fluorene	166	8.647	8.647	(1.071)	493292	4.00000	4
	53 4-Chlorophenyl-phenylether	204	8.659	8.659	(1.073)	239135	4.00000	4
	54 Diethylphthalate	149	8.558	8.558	(1.060)	478600	4.00000	4
	55 4-Nitroaniline	138	8.677	8.677	(1.075)	117595	4.00000	4
$	56 2,4,6-Tribromophenol	330	8.908	8.908	(1.104)	152576	10.0000	9
*	57 Phenanthrene-d10	188	9.638	9.638	(1.000)	3304528	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.712	8.712	(0.904)	85432	10.0000	10
	59 N-Nitrosodiphenylamine (1)	169	8.789	8.789	(0.912)	355356	4.00000	4
	60 1,2-Diphenylhydrazine	77	8.825	8.825	(0.916)	503744	4.00000	4
	61 4-Bromophenyl-phenylether	248	9.175	9.175	(0.952)	137319	4.00000	4
	131 Atrazine	200	9.365	9.365	(0.972)	121127	4.00000	4
	62 Hexachlorobenzene	284	9.240	9.240	(0.959)	148838	4.00000	4
	63 Pentachlorophenol	266	9.454	9.454	(0.981)	83419	10.0000	11
	64 Phenanthrene	178	9.662	9.662	(1.002)	709159	4.00000	4
	65 Carbazole	167	9.893	9.893	(1.026)	661237	4.00000	4
	66 Anthracene	178	9.715	9.715	(1.008)	713013	4.00000	4
	67 Di-n-butylphthalate	149	10.285	10.285	(1.067)	805681	4.00000	4
	68 Fluoranthene	202	10.920	10.920	(1.133)	757073	4.00000	4
*	70 Chrysene-d12	240	12.523	12.523	(1.000)	3052308	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
72	Pyrene	202	11.157	11.157	(0.891)	781166	4.00000	4
$ 73	Terphenyl-d14	244	11.336	11.336	(0.905)	522779	4.00000	4
74	Butylbenzylphthalate	149	11.864	11.864	(0.947)	298994	4.00000	4
75	3,3'-Dichlorobenzidine	252	12.487	12.487	(0.997)	176280	4.00000	4
76	Benzo(a)anthracene	228	12.511	12.511	(0.999)	657556	4.00000	4
77	Chrysene	228	12.552	12.552	(1.002)	648237	4.00000	4
78	Bis(2-Ethylhexyl)phthalate	149	12.570	12.570	(1.004)	306460	4.00000	4
* 79	Perylene-d12	264	14.719	14.719	(1.000)	1839767	20.0000	
80	Di-n-octylphthalate	149	13.490	13.490	(0.917)	288860	4.00000	5
81	Benzo(b)fluoranthene	252	14.066	14.066	(0.956)	452620	4.00000	4
82	Benzo(k)fluoranthene	252	14.107	14.107	(0.958)	450709	4.00000	4
83	Benzo(a)pyrene	252	14.612	14.612	(0.993)	322723	4.00000	4
84	Indeno(1,2,3-cd)pyrene	276	16.719	16.719	(1.136)	152837	4.00000	4
85	Dibenzo(a,h)anthracene	278	16.772	16.772	(1.140)	141079	4.00000	4
86	Benzo(g,h,i)perylene	276	17.247	17.247	(1.172)	146105	4.00000	5
167	Simazine	201	9.329	9.329	(0.968)	79249	4.00000	5(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.151	7.151	(0.886)	97156	5.00000	4
109	2,3,4,6-Tetrachlorophenol	232	8.427	8.427	(1.044)	91016	5.00000	5
119	Pentachloronitrobenzene	237	9.466	9.466	(0.982)	58122	5.00000	4

QC Flag Legend

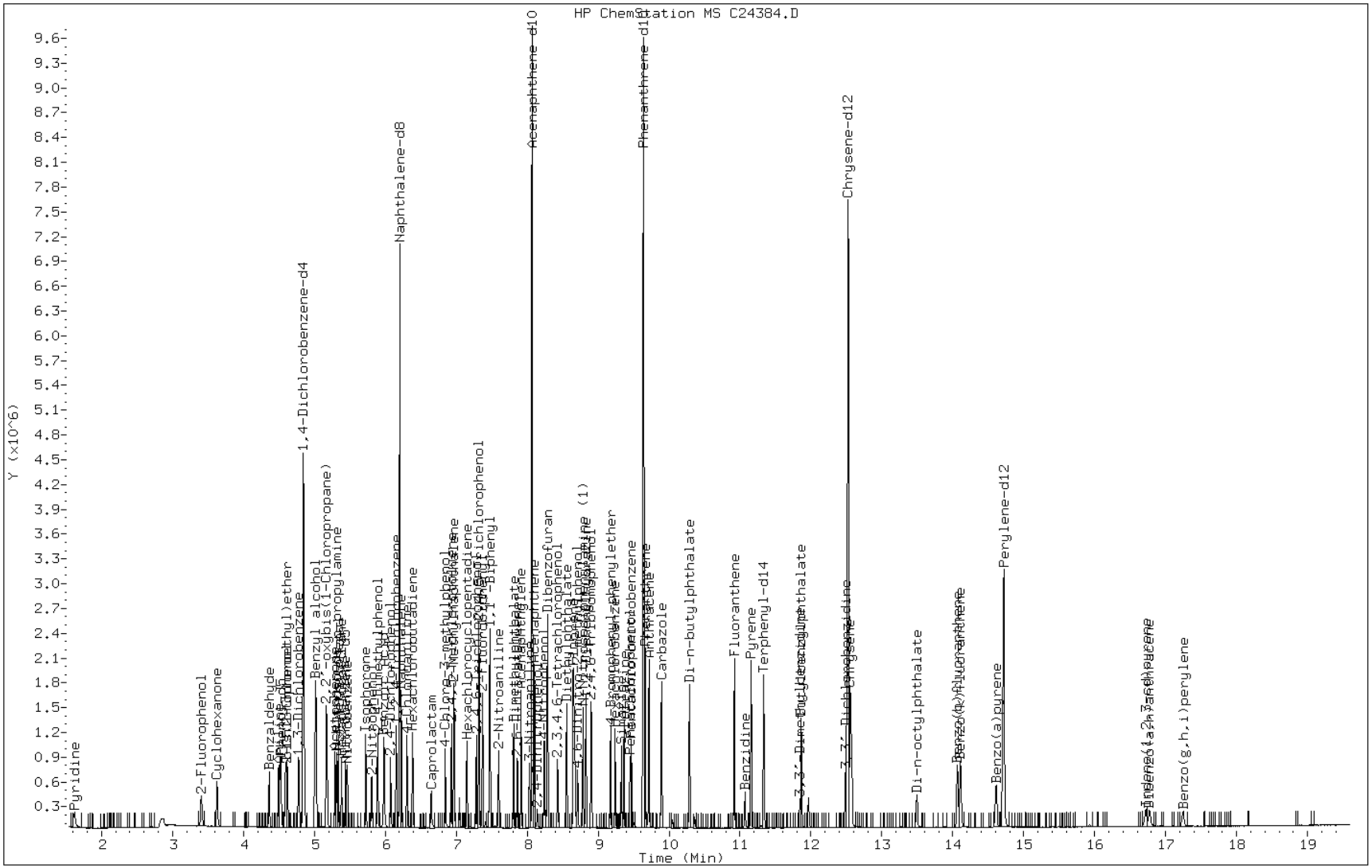
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24384.D

Date: 21-JUL-2011 11:46

Client ID: IC-635514 Instrument: msc.i

Sample Info: IC-635514 Operator: S.Jonas



Manual Integration Report

Data File: C24384.D
Inj. Date and Time: 21-JUL-2011 11:46
Instrument ID: msc.i
Client ID: IC-635514
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

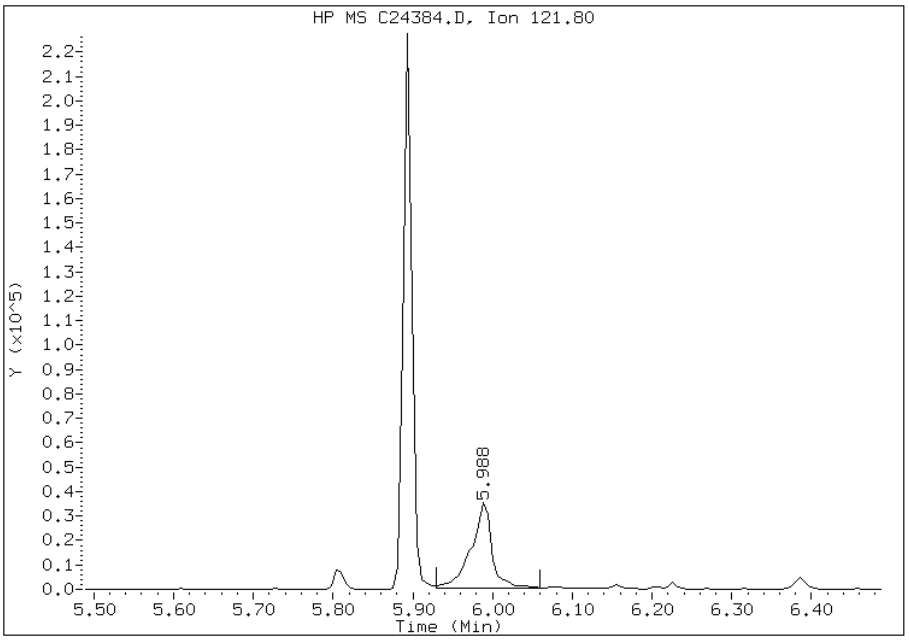
Processing Integration Results

RT: 5.99

Response: 62838

Amount: 3

Conc: 3



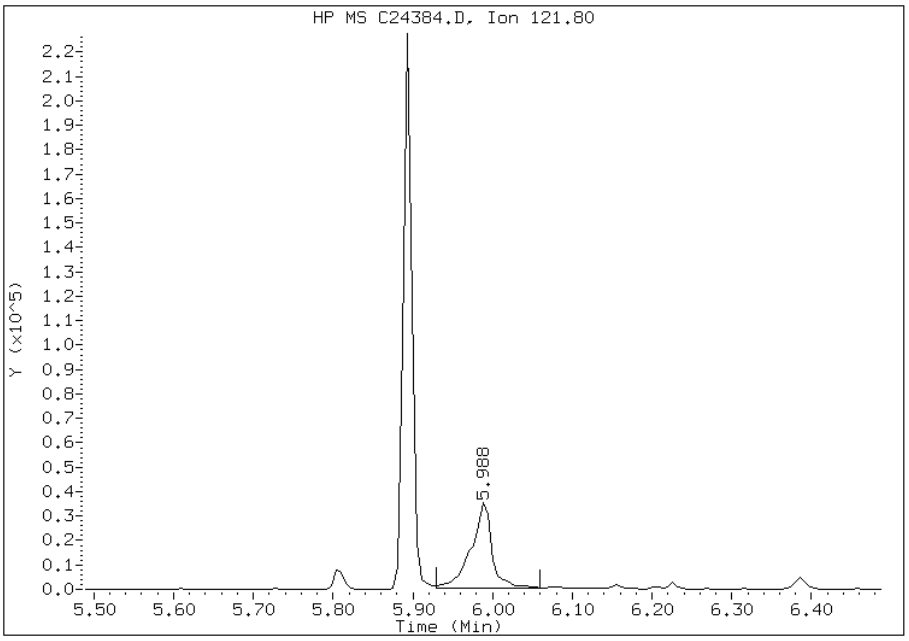
Manual Integration Results

RT: 5.99

Response: 62838

Amount: 3

Conc: 3



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24385.D
Lab Smp Id: IC-635515 Client Smp ID: IC-635515
Inj Date : 21-JUL-2011 12:16
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635515
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 12:16 Cal File: C24385.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	781103	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	412348	10.0000	10
$ 3	Phenol-d5	99	4.516	4.516	(0.931)	563342	10.0000	10
4	Pyridine	52	1.607	1.607	(0.332)	151682	10.0000	10
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	117766	10.0000	10
6	Cyclohexanone	42	3.625	3.625	(0.748)	286354	10.0000	11
128	Benzaldehyde	77	4.367	4.367	(0.901)	322574	10.0000	15
7	Phenol	94	4.534	4.534	(0.935)	621659	10.0000	10
8	Aniline	93	4.498	4.498	(0.928)	665076	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.593	4.593	(0.947)	423354	10.0000	10
10	2-Chlorophenol	128	4.623	4.623	(0.953)	540262	10.0000	10
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	597118	10.0000	10
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	618885	10.0000	10
13	Benzyl alcohol	108	5.026	5.026	(1.037)	308575	10.0000	10
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	587423	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	917709	10.0000	10
16	2-Methylphenol	108	5.175	5.175	(1.067)	457103	10.0000	10
92	Acetophenone	105	5.293	5.293	(1.092)	651712	10.0000	10
17	Hexachloroethane	117	5.388	5.388	(1.111)	249002	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.317	5.317	(1.097)	376195	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.341	5.341	(1.102)	495074	10.0000	10
*	20 Naphthalene-d8	136	6.207	6.207	(1.000)	3186285	20.0000	
$	21 Nitrobenzene-d5	82	5.448	5.448	(0.878)	530736	10.0000	10
	22 Nitrobenzene	77	5.465	5.465	(0.880)	538783	10.0000	10
	23 Isophorone	82	5.733	5.733	(0.924)	989740	10.0000	10
	24 2-Nitrophenol	139	5.810	5.810	(0.936)	297869	10.0000	9
	25 2,4-Dimethylphenol	122	5.899	5.899	(0.950)	440241	10.0000	9
	26 Benzoic Acid	122	6.041	6.041	(0.973)	358074	25.0000	19
	27 Bis(2-Chloroethoxy)methane	93	5.988	5.988	(0.965)	627519	10.0000	10
	28 2,4-Dichlorophenol	162	6.077	6.077	(0.979)	456426	10.0000	10
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.992)	506010	10.0000	10
	30 Naphthalene	128	6.231	6.231	(1.004)	1579152	10.0000	10
	31 4-Chloroaniline	127	6.308	6.308	(1.016)	659042	10.0000	10
	32 Hexachlorobutadiene	225	6.391	6.391	(1.030)	301066	10.0000	10
	129 Caprolactam	113	6.670	6.670	(1.075)	143405	10.0000	10(M)
	33 4-Chloro-3-methylphenol	107	6.854	6.854	(1.104)	462198	10.0000	10
	34 2-Methylnaphthalene	142	6.973	6.973	(1.123)	1088116	10.0000	10
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1958060	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.937	6.937	(1.431)	446541	10.0000	10
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	204359	10.0000	9
	38 2,4,6-Trichlorophenol	196	7.288	7.288	(0.902)	334247	10.0000	10
	39 2,4,5-Trichlorophenol	196	7.323	7.323	(0.907)	856667	25.0000	24
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	1162623	10.0000	10
	130 1,1'-Biphenyl	154	7.477	7.477	(0.926)	1309867	10.0000	10
	41 2-Chloronaphthalene	162	7.483	7.483	(0.927)	1032657	10.0000	10
	42 2-Nitroaniline	65	7.602	7.602	(0.941)	320148	10.0000	10
	43 Acenaphthylene	152	7.923	7.923	(0.981)	1753698	10.0000	11
	44 Dimethylphthalate	163	7.816	7.816	(0.968)	1154538	10.0000	10
	45 2,6-Dinitrotoluene	165	7.869	7.869	(0.974)	278428	10.0000	10
	46 Acenaphthene	153	8.107	8.107	(1.004)	1082097	10.0000	10
	47 3-Nitroaniline	138	8.041	8.041	(0.996)	318403	10.0000	10
	48 2,4-Dinitrophenol	184	8.148	8.148	(1.009)	186380	25.0000	21
	49 Dibenzofuran	168	8.291	8.291	(1.026)	1547670	10.0000	10
	50 2,4-Dinitrotoluene	165	8.291	8.291	(1.026)	380166	10.0000	10
	51 4-Nitrophenol	109	8.249	8.249	(1.021)	294493	25.0000	23
	52 Fluorene	166	8.653	8.653	(1.071)	1265960	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.665	8.665	(1.073)	610883	10.0000	10
	54 Diethylphthalate	149	8.564	8.564	(1.060)	1227091	10.0000	10
	55 4-Nitroaniline	138	8.688	8.688	(1.076)	310384	10.0000	10
$	56 2,4,6-Tribromophenol	330	8.914	8.914	(1.104)	410726	25.0000	24
*	57 Phenanthrene-d10	188	9.644	9.644	(1.000)	3407209	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.724	8.724	(0.905)	391152	25.0000	22
	59 N-Nitrosodiphenylamine (1)	169	8.795	8.795	(0.912)	900017	10.0000	10
	60 1,2-Diphenylhydrazine	77	8.831	8.831	(0.916)	1296396	10.0000	10
	61 4-Bromophenyl-phenylether	248	9.181	9.181	(0.952)	351250	10.0000	10
	131 Atrazine	200	9.371	9.371	(0.972)	296726	10.0000	9
	62 Hexachlorobenzene	284	9.246	9.246	(0.959)	373657	10.0000	10
	63 Pentachlorophenol	266	9.460	9.460	(0.981)	381687	25.0000	22
	64 Phenanthrene	178	9.668	9.668	(1.002)	1789487	10.0000	10
	65 Carbazole	167	9.899	9.899	(1.026)	1707035	10.0000	10
	66 Anthracene	178	9.721	9.721	(1.008)	1827430	10.0000	10
	67 Di-n-butylphthalate	149	10.291	10.291	(1.067)	2109709	10.0000	11
	68 Fluoranthene	202	10.926	10.926	(1.133)	1976562	10.0000	10
*	70 Chrysene-d12	240	12.534	12.534	(1.000)	3154416	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.074	11.074	(0.884)	448395	10.0000	12
72	Pyrene	202	11.163	11.163	(0.891)	1999396	10.0000	10
$ 73	Terphenyl-d14	244	11.341	11.341	(0.905)	1331281	10.0000	10
74	Butylbenzylphthalate	149	11.870	11.870	(0.947)	807963	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.852	11.852	(0.946)	375042	10.0000	11
75	3,3'-Dichlorobenzidine	252	12.493	12.493	(0.997)	483716	10.0000	10
76	Benzo(a)anthracene	228	12.517	12.517	(0.999)	1713434	10.0000	10
77	Chrysene	228	12.564	12.564	(1.002)	1650984	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.576	12.576	(1.003)	846616	10.0000	9
* 79	Perylene-d12	264	14.724	14.724	(1.000)	1917402	20.0000	
80	Di-n-octylphthalate	149	13.502	13.502	(0.917)	842068	10.0000	9
81	Benzo(b)fluoranthene	252	14.078	14.078	(0.956)	1159720	10.0000	9
82	Benzo(k)fluoranthene	252	14.119	14.119	(0.959)	1248737	10.0000	9
83	Benzo(a)pyrene	252	14.618	14.618	(0.993)	881686	10.0000	9
84	Indeno(1,2,3-cd)pyrene	276	16.731	16.731	(1.136)	399330	10.0000	10
85	Dibenzo(a,h)anthracene	278	16.784	16.784	(1.140)	388326	10.0000	10
86	Benzo(g,h,i)perylene	276	17.259	17.259	(1.172)	375252	10.0000	10
167	Simazine	201	9.335	9.335	(0.968)	200345	10.0000	11(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	245710	10.0000	10
109	2,3,4,6-Tetrachlorophenol	232	8.433	8.433	(1.044)	267123	10.0000	11
119	Pentachloronitrobenzene	237	9.472	9.472	(0.982)	156359	10.0000	11

QC Flag Legend

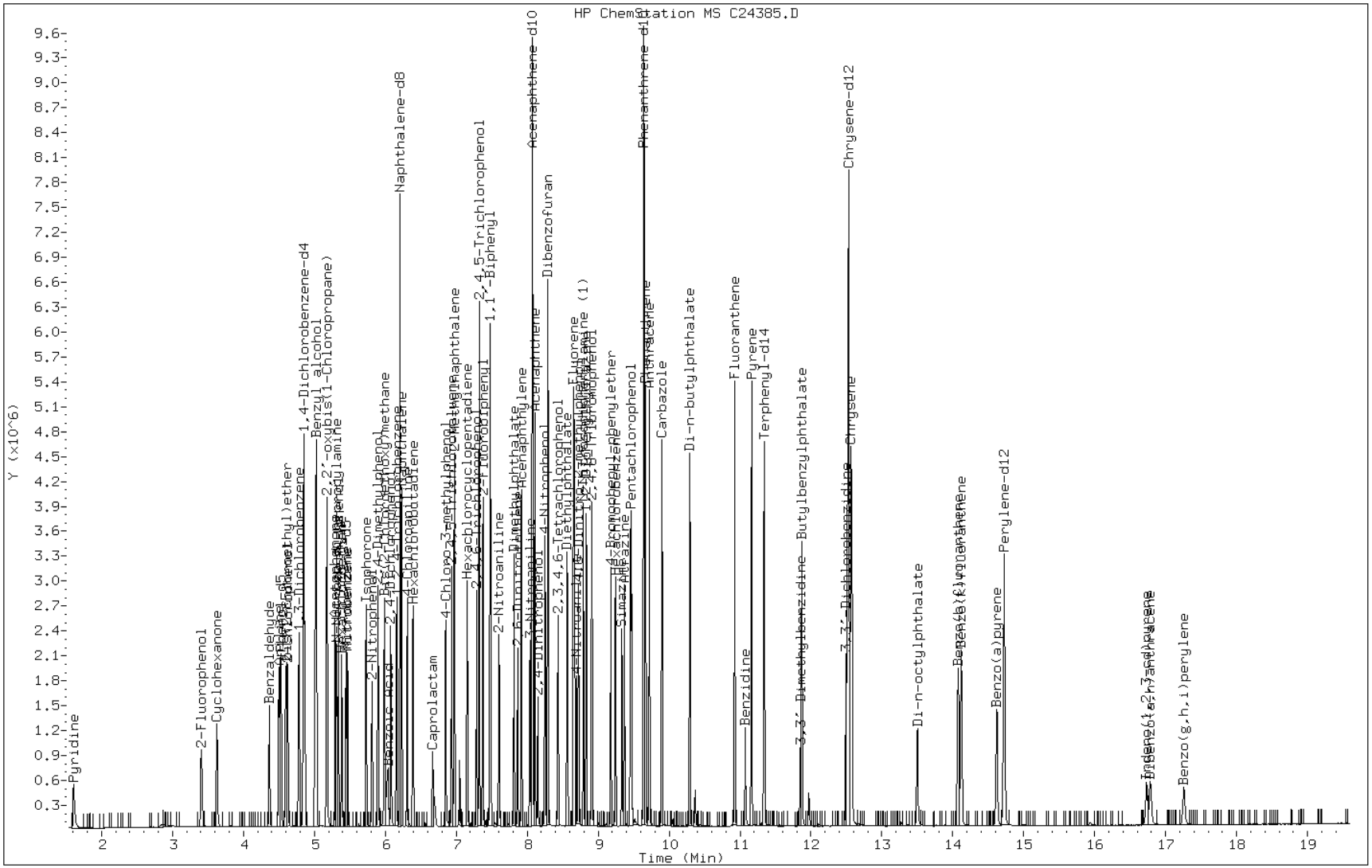
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24385.D

Date: 21-JUL-2011 12:16

Client ID: IC-635515 Instrument: msc.i

Sample Info: IC-635515 Operator: S.Jonas



Manual Integration Report

Data File: C24385.D
Inj. Date and Time: 21-JUL-2011 12:16
Instrument ID: msc.i
Client ID: IC-635515
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

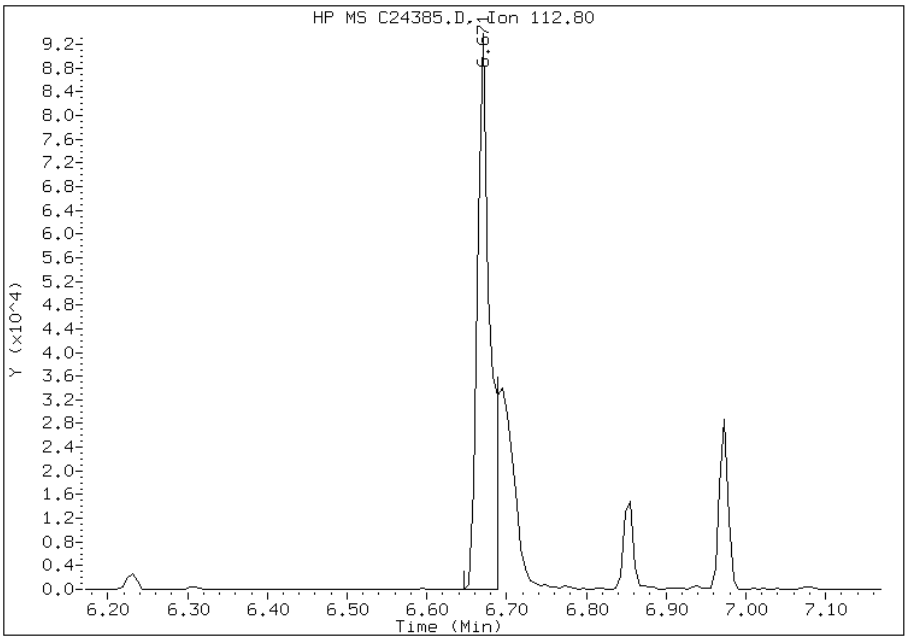
Processing Integration Results

RT: 6.67

Response: 104155

Amount: 8

Conc: 8



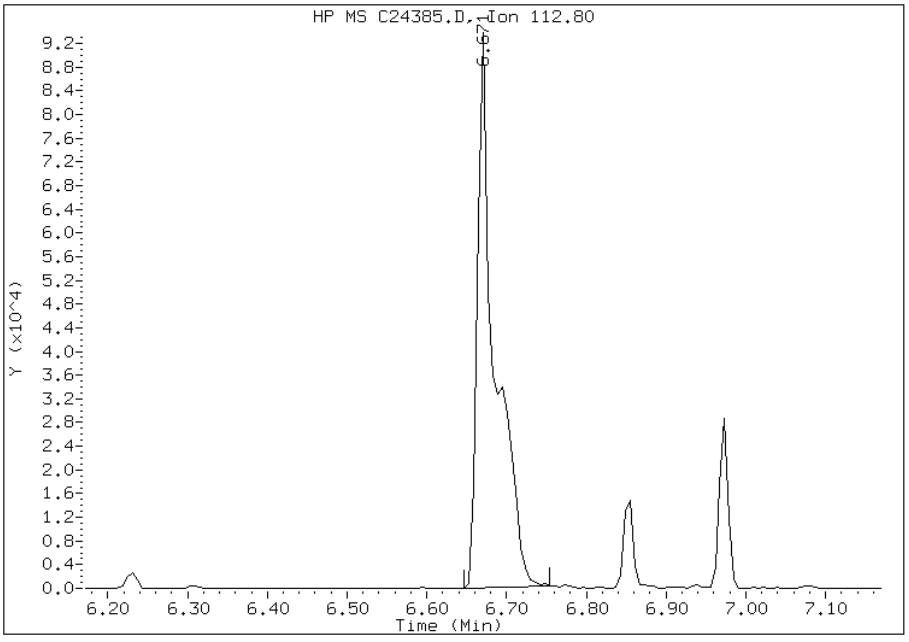
Manual Integration Results

RT: 6.67

Response: 143405

Amount: 10

Conc: 10



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24386.D
Lab Smp Id: IC-635516 Client Smp ID: IC-635516
Inj Date : 21-JUL-2011 12:47
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635516
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 12:47 Cal File: C24386.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	768376	20.0000	
$ 2	2-Fluorophenol	112	3.406	3.406	(0.703)	845684	20.0000	20
$ 3	Phenol-d5	99	4.522	4.522	(0.933)	1143432	20.0000	20
4	Pyridine	52	1.608	1.608	(0.332)	299732	20.0000	19
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	237209	20.0000	20
6	Cyclohexanone	42	3.626	3.626	(0.748)	503681	20.0000	19
128	Benzaldehyde	77	4.362	4.362	(0.900)	567163	20.0000	28
7	Phenol	94	4.534	4.534	(0.935)	1254727	20.0000	20
8	Aniline	93	4.498	4.498	(0.928)	1283235	20.0000	19
9	bis(2-Chloroethyl)ether	63	4.593	4.593	(0.947)	849090	20.0000	20
10	2-Chlorophenol	128	4.629	4.629	(0.955)	1060817	20.0000	20
11	1,3-Dichlorobenzene	146	4.783	4.783	(0.987)	1212539	20.0000	20
12	1,4-Dichlorobenzene	146	4.866	4.866	(1.004)	1236196	20.0000	20
13	Benzyl alcohol	108	5.026	5.026	(1.037)	624949	20.0000	20
14	1,2-Dichlorobenzene	146	5.026	5.026	(1.037)	1178251	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.181	5.181	(1.069)	1830525	20.0000	20
16	2-Methylphenol	108	5.175	5.175	(1.067)	924340	20.0000	20
92	Acetophenone	105	5.299	5.299	(1.093)	1324777	20.0000	20
17	Hexachloroethane	117	5.388	5.388	(1.111)	505281	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.317	5.317	(1.097)	769953	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.341	5.341	(1.102)	1000643	20.0000	20
*	20 Naphthalene-d8	136	6.213	6.213	(1.000)	3165690	20.0000	
$	21 Nitrobenzene-d5	82	5.448	5.448	(0.877)	1080462	20.0000	20
	22 Nitrobenzene	77	5.471	5.471	(0.881)	1083639	20.0000	20
	23 Isophorone	82	5.733	5.733	(0.923)	2039112	20.0000	20
	24 2-Nitrophenol	139	5.816	5.816	(0.936)	627269	20.0000	20
	25 2,4-Dimethylphenol	122	5.899	5.899	(0.949)	931717	20.0000	20
	26 Benzoic Acid	122	6.053	6.053	(0.974)	601428	30.0000	32
	27 Bis(2-Chloroethoxy)methane	93	5.988	5.988	(0.964)	1266250	20.0000	20
	28 2,4-Dichlorophenol	162	6.083	6.083	(0.979)	946236	20.0000	20
	29 1,2,4-Trichlorobenzene	180	6.160	6.160	(0.991)	1022803	20.0000	20
	30 Naphthalene	128	6.231	6.231	(1.003)	3169601	20.0000	21
	31 4-Chloroaniline	127	6.308	6.308	(1.015)	1328080	20.0000	20
	32 Hexachlorobutadiene	225	6.391	6.391	(1.029)	604139	20.0000	20
	129 Caprolactam	113	6.694	6.694	(1.077)	312075	20.0000	22(M)
	33 4-Chloro-3-methylphenol	107	6.854	6.854	(1.103)	946316	20.0000	20
	34 2-Methylnaphthalene	142	6.973	6.973	(1.122)	2183737	20.0000	20
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1968073	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.937	6.937	(1.431)	903669	20.0000	20
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	476008	20.0000	19
	38 2,4,6-Trichlorophenol	196	7.288	7.288	(0.902)	695066	20.0000	20
	39 2,4,5-Trichlorophenol	196	7.329	7.329	(0.907)	1055649	30.0000	30
$	40 2-Fluorobiphenyl	172	7.377	7.377	(0.913)	2342923	20.0000	20
	130 1,1'-Biphenyl	154	7.478	7.478	(0.926)	2656963	20.0000	21
	41 2-Chloronaphthalene	162	7.489	7.489	(0.927)	2090408	20.0000	20
	42 2-Nitroaniline	65	7.608	7.608	(0.942)	657789	20.0000	20
	43 Acenaphthylene	152	7.923	7.923	(0.981)	3542865	20.0000	21
	44 Dimethylphthalate	163	7.822	7.822	(0.968)	2387906	20.0000	20
	45 2,6-Dinitrotoluene	165	7.869	7.869	(0.974)	582050	20.0000	20
	46 Acenaphthene	153	8.113	8.113	(1.004)	2175643	20.0000	20
	47 3-Nitroaniline	138	8.047	8.047	(0.996)	661533	20.0000	20
	48 2,4-Dinitrophenol	184	8.154	8.154	(1.010)	275789	30.0000	26
	49 Dibenzofuran	168	8.297	8.297	(1.027)	3095025	20.0000	21
	50 2,4-Dinitrotoluene	165	8.297	8.297	(1.027)	784724	20.0000	20
	51 4-Nitrophenol	109	8.255	8.255	(1.022)	380046	30.0000	29
	52 Fluorene	166	8.659	8.659	(1.072)	2553554	20.0000	20
	53 4-Chlorophenyl-phenylether	204	8.671	8.671	(1.073)	1267356	20.0000	21
	54 Diethylphthalate	149	8.570	8.570	(1.061)	2498990	20.0000	20
	55 4-Nitroaniline	138	8.694	8.694	(1.076)	644230	20.0000	20
$	56 2,4,6-Tribromophenol	330	8.914	8.914	(1.104)	510533	30.0000	30
*	57 Phenanthrene-d10	188	9.644	9.644	(1.000)	3391874	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.730	8.730	(0.905)	531554	30.0000	28
	59 N-Nitrosodiphenylamine (1)	169	8.795	8.795	(0.912)	1863686	20.0000	20
	60 1,2-Diphenylhydrazine	77	8.837	8.837	(0.916)	2591380	20.0000	20
	61 4-Bromophenyl-phenylether	248	9.181	9.181	(0.952)	737873	20.0000	20
	131 Atrazine	200	9.377	9.377	(0.972)	581398	20.0000	18
	62 Hexachlorobenzene	284	9.246	9.246	(0.959)	774678	20.0000	20
	63 Pentachlorophenol	266	9.460	9.460	(0.981)	525469	30.0000	28
	64 Phenanthrene	178	9.674	9.674	(1.003)	3555651	20.0000	20
	65 Carbazole	167	9.905	9.905	(1.027)	3420808	20.0000	21
	66 Anthracene	178	9.727	9.727	(1.009)	3626862	20.0000	21
	67 Di-n-butylphthalate	149	10.291	10.291	(1.067)	4337717	20.0000	22
	68 Fluoranthene	202	10.932	10.932	(1.134)	3996443	20.0000	21
*	70 Chrysene-d12	240	12.534	12.534	(1.000)	3181115	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.074	11.074	(0.884)	876611	20.0000	23
72	Pyrene	202	11.169	11.169	(0.891)	3981098	20.0000	20
$ 73	Terphenyl-d14	244	11.341	11.341	(0.905)	2712889	20.0000	20
74	Butylbenzylphthalate	149	11.876	11.876	(0.947)	1725675	20.0000	20
124	3,3'-Dimethylbenzidine	212	11.852	11.852	(0.946)	830632	20.0000	25
75	3,3'-Dichlorobenzidine	252	12.499	12.499	(0.997)	1037527	20.0000	21
76	Benzo(a)anthracene	228	12.517	12.517	(0.999)	3479708	20.0000	20
77	Chrysene	228	12.570	12.570	(1.003)	3330034	20.0000	20
78	Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.004)	1840984	20.0000	20
* 79	Perylene-d12	264	14.725	14.725	(1.000)	1912332	20.0000	
80	Di-n-octylphthalate	149	13.502	13.502	(0.917)	1943917	20.0000	18
81	Benzo(b)fluoranthene	252	14.084	14.084	(0.956)	2424410	20.0000	19
82	Benzo(k)fluoranthene	252	14.125	14.125	(0.959)	2566322	20.0000	19
83	Benzo(a)pyrene	252	14.624	14.624	(0.993)	1830579	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.737	16.737	(1.137)	796184	20.0000	20
85	Dibenzo(a,h)anthracene	278	16.790	16.790	(1.140)	788487	20.0000	20
86	Benzo(g,h,i)perylene	276	17.265	17.265	(1.173)	740314	20.0000	19
167	Simazine	201	9.347	9.347	(0.969)	396019	20.0000	19(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.157	7.157	(0.886)	508066	25.0000	21
109	2,3,4,6-Tetrachlorophenol	232	8.439	8.439	(1.045)	572004	25.0000	21
119	Pentachloronitrobenzene	237	9.478	9.478	(0.983)	313478	25.0000	21

QC Flag Legend

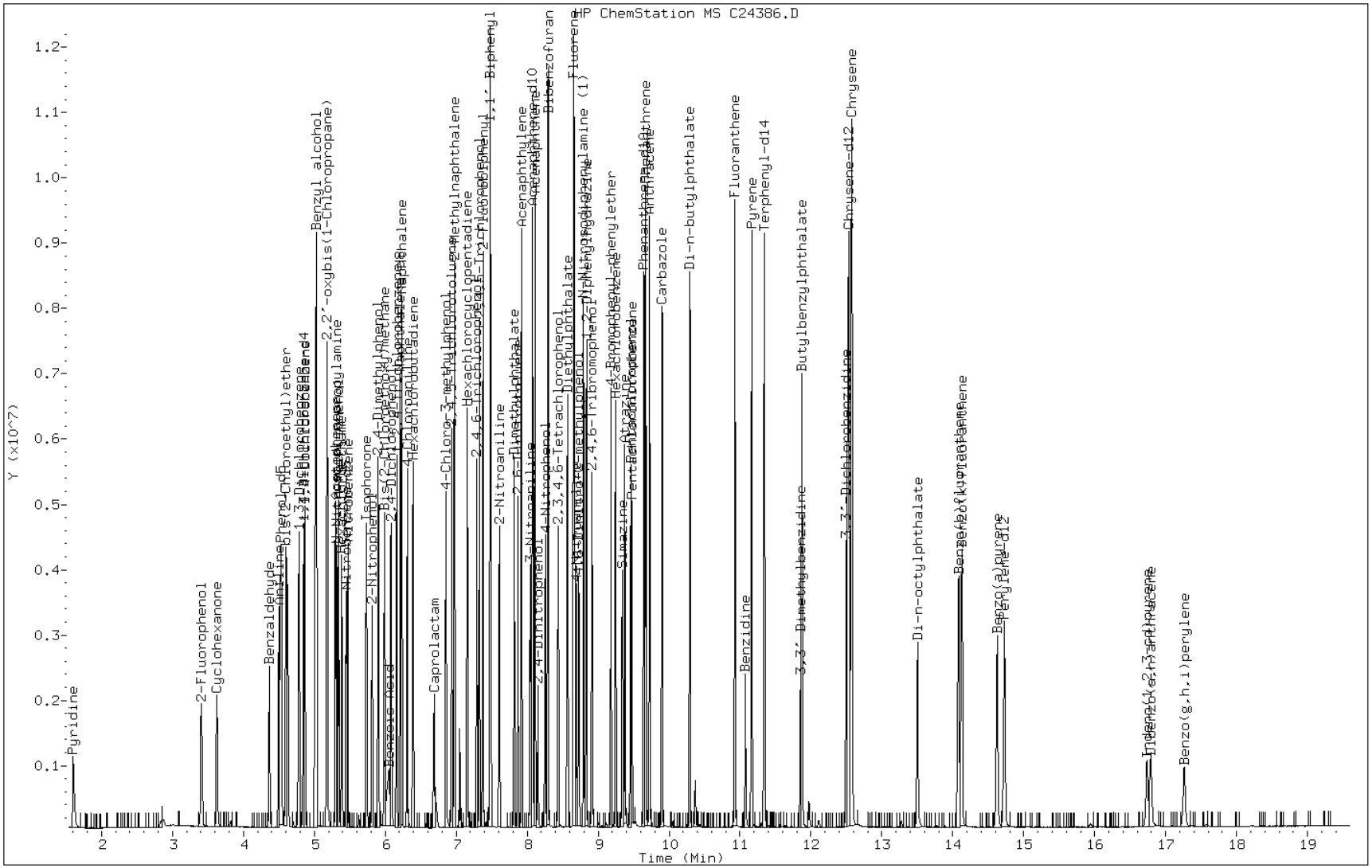
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24386.D

Date: 21-JUL-2011 12:47

Client ID: IC-635516 Instrument: msc.i

Sample Info: IC-635516 Operator: S.Jonas



Manual Integration Report

Data File: C24386.D
Inj. Date and Time: 21-JUL-2011 12:47
Instrument ID: msc.i
Client ID: IC-635516
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

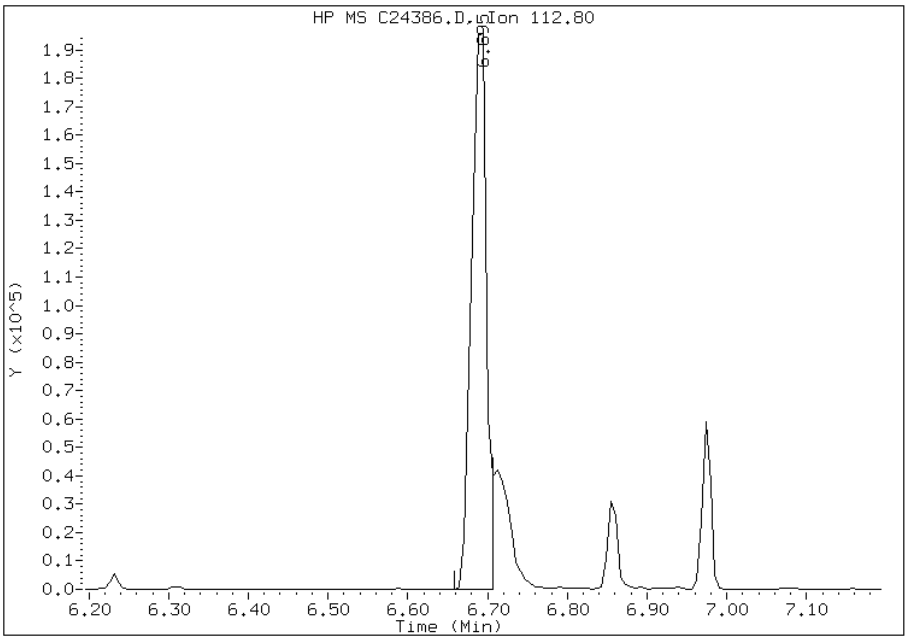
Processing Integration Results

RT: 6.69

Response: 259297

Amount: 18

Conc: 18



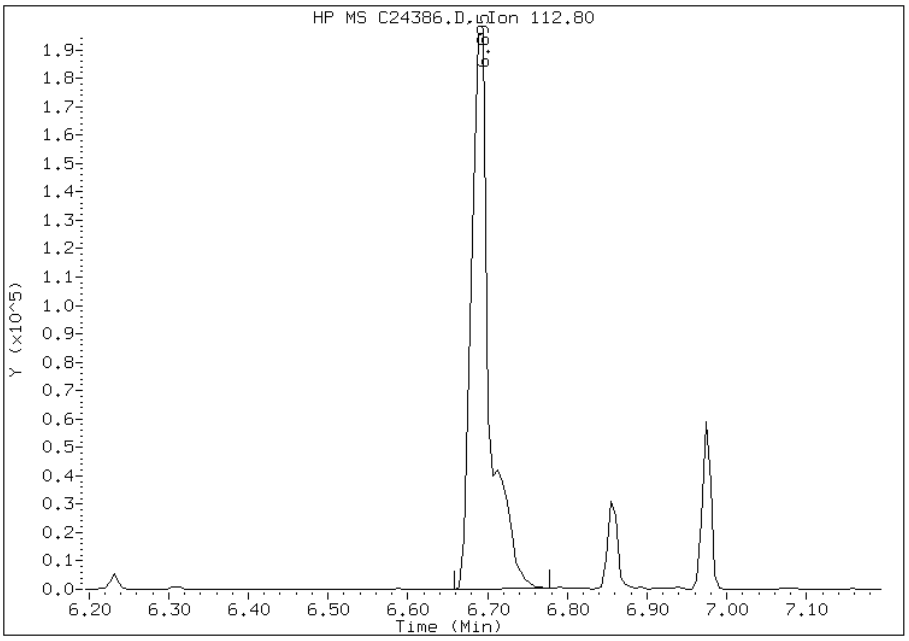
Manual Integration Results

RT: 6.69

Response: 312075

Amount: 22

Conc: 22



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24387.D
Lab Smp Id: IC-635517 Client Smp ID: IC-635517
Inj Date : 21-JUL-2011 13:18
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635517
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 13:18 Cal File: C24387.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.848	4.848	(1.000)	731008	20.0000	
$ 2	2-Fluorophenol	112	3.412	3.412	(0.704)	2517554	60.0000	63
$ 3	Phenol-d5	99	4.539	4.539	(0.936)	3408948	60.0000	62
4	Pyridine	52	1.607	1.607	(0.332)	909178	60.0000	62
5	N-Nitrosodimethylamine	42	1.596	1.596	(0.329)	703512	60.0000	61
6	Cyclohexanone	42	3.625	3.625	(0.748)	1045171	60.0000	42
128	Benzaldehyde	77	4.367	4.367	(0.901)	846241	60.0000	43
7	Phenol	94	4.551	4.551	(0.939)	3640043	60.0000	61
8	Aniline	93	4.504	4.504	(0.929)	3758159	60.0000	59
9	bis(2-Chloroethyl)ether	63	4.605	4.605	(0.950)	2579495	60.0000	63
10	2-Chlorophenol	128	4.634	4.634	(0.956)	3133432	60.0000	61
11	1,3-Dichlorobenzene	146	4.789	4.789	(0.988)	3543448	60.0000	62
12	1,4-Dichlorobenzene	146	4.872	4.872	(1.005)	3604636	60.0000	61
13	Benzyl alcohol	108	5.044	5.044	(1.040)	1883893	60.0000	64
14	1,2-Dichlorobenzene	146	5.032	5.032	(1.038)	3313768	60.0000	59
15	2,2'-oxybis(1-Chloropropane)	45	5.186	5.186	(1.070)	5099332	60.0000	59
16	2-Methylphenol	108	5.192	5.192	(1.071)	2694620	60.0000	61
92	Acetophenone	105	5.311	5.311	(1.095)	3888287	60.0000	62
17	Hexachloroethane	117	5.388	5.388	(1.111)	1482393	60.0000	61
18	N-Nitroso-di-n-propylamine	70	5.335	5.335	(1.100)	2337830	60.0000	64

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.359	5.359	(1.105)	2980129	60.0000	63
*	20 Naphthalene-d8	136	6.213	6.213	(1.000)	3024534	20.0000	
$	21 Nitrobenzene-d5	82	5.459	5.459	(0.879)	3226212	60.0000	62
	22 Nitrobenzene	77	5.483	5.483	(0.883)	3252529	60.0000	62
	23 Isophorone	82	5.750	5.750	(0.925)	6123034	60.0000	63
	24 2-Nitrophenol	139	5.822	5.822	(0.937)	1925695	60.0000	65
	25 2,4-Dimethylphenol	122	5.911	5.911	(0.951)	2913307	60.0000	66
	26 Benzoic Acid	122	6.106	6.106	(0.983)	1445126	60.0000	82(AM)
	27 Bis(2-Chloroethoxy)methane	93	6.000	6.000	(0.966)	3709682	60.0000	61
	28 2,4-Dichlorophenol	162	6.095	6.095	(0.981)	2771151	60.0000	63
	29 1,2,4-Trichlorobenzene	180	6.166	6.166	(0.992)	3044375	60.0000	62
	30 Naphthalene	128	6.237	6.237	(1.004)	8615487	60.0000	59
	31 4-Chloroaniline	127	6.320	6.320	(1.017)	3750967	60.0000	60
	32 Hexachlorobutadiene	225	6.391	6.391	(1.029)	1828669	60.0000	62
	129 Caprolactam	113	6.747	6.747	(1.086)	994728	60.0000	70(M)
	33 4-Chloro-3-methylphenol	107	6.872	6.872	(1.106)	2845025	60.0000	64
	34 2-Methylnaphthalene	142	6.985	6.985	(1.124)	6250028	60.0000	61
*	35 Acenaphthene-d10	164	8.077	8.077	(1.000)	1897639	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.943	6.943	(1.432)	2730503	60.0000	63
	37 Hexachlorocyclopentadiene	237	7.157	7.157	(0.886)	1609822	60.0000	64
	38 2,4,6-Trichlorophenol	196	7.299	7.299	(0.904)	2138143	60.0000	64
	39 2,4,5-Trichlorophenol	196	7.341	7.341	(0.909)	2182451	60.0000	64
$	40 2-Fluorobiphenyl	172	7.383	7.383	(0.914)	6707329	60.0000	60
	130 1,1'-Biphenyl	154	7.483	7.483	(0.927)	7212957	60.0000	59
	41 2-Chloronaphthalene	162	7.495	7.495	(0.928)	5927610	60.0000	59
	42 2-Nitroaniline	65	7.620	7.620	(0.943)	2010519	60.0000	63
	43 Acenaphthylene	152	7.929	7.929	(0.982)	9199043	60.0000	57
	44 Dimethylphthalate	163	7.834	7.834	(0.970)	7080755	60.0000	62
	45 2,6-Dinitrotoluene	165	7.887	7.887	(0.976)	1784938	60.0000	64
	46 Acenaphthene	153	8.118	8.118	(1.005)	6224177	60.0000	60
	47 3-Nitroaniline	138	8.059	8.059	(0.998)	2008351	60.0000	64
	48 2,4-Dinitrophenol	184	8.166	8.166	(1.011)	858063	60.0000	60
	49 Dibenzofuran	168	8.302	8.302	(1.028)	8474349	60.0000	58
	50 2,4-Dinitrotoluene	165	8.308	8.308	(1.029)	2389784	60.0000	63
	51 4-Nitrophenol	109	8.273	8.273	(1.024)	872844	60.0000	69
	52 Fluorene	166	8.665	8.665	(1.073)	7085751	60.0000	59
	53 4-Chlorophenyl-phenylether	204	8.676	8.676	(1.074)	3560012	60.0000	60
	54 Diethylphthalate	149	8.581	8.581	(1.062)	7411859	60.0000	62
	55 4-Nitroaniline	138	8.718	8.718	(1.079)	2002590	60.0000	65
$	56 2,4,6-Tribromophenol	330	8.926	8.926	(1.105)	1077585	60.0000	66
*	57 Phenanthrene-d10	188	9.650	9.650	(1.000)	3273733	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.748	8.748	(0.907)	1313173	60.0000	61
	59 N-Nitrosodiphenylamine (1)	169	8.807	8.807	(0.913)	5402276	60.0000	61
	60 1,2-Diphenylhydrazine	77	8.843	8.843	(0.916)	7493397	60.0000	60
	61 4-Bromophenyl-phenylether	248	9.187	9.187	(0.952)	2210448	60.0000	63
	131 Atrazine	200	9.401	9.401	(0.974)	2069524	60.0000	67
	62 Hexachlorobenzene	284	9.258	9.258	(0.959)	2305303	60.0000	62
	63 Pentachlorophenol	266	9.466	9.466	(0.981)	1336815	60.0000	61
	64 Phenanthrene	178	9.679	9.679	(1.003)	9684422	60.0000	57
	65 Carbazole	167	9.911	9.911	(1.027)	9562657	60.0000	60
	66 Anthracene	178	9.733	9.733	(1.009)	9453460	60.0000	56
	67 Di-n-butylphthalate	149	10.297	10.297	(1.067)	9709354	60.0000	52
	68 Fluoranthene	202	10.938	10.938	(1.133)	10563150	60.0000	58
*	70 Chrysene-d12	240	12.546	12.546	(1.000)	2942728	20.0000	

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	71 Benzidine	184	11.080	11.080	(0.883)	1887512	60.0000	54
	72 Pyrene	202	11.175	11.175	(0.891)	10701636	60.0000	59
$	73 Terphenyl-d14	244	11.353	11.353	(0.905)	7660059	60.0000	61
	74 Butylbenzylphthalate	149	11.881	11.881	(0.947)	5116444	60.0000	65
	124 3,3'-Dimethylbenzidine	212	11.852	11.852	(0.945)	1888641	60.0000	61
	75 3,3'-Dichlorobenzidine	252	12.511	12.511	(0.997)	2893256	60.0000	64
	76 Benzo(a)anthracene	228	12.528	12.528	(0.999)	9673388	60.0000	60
	77 Chrysene	228	12.582	12.582	(1.003)	8763826	60.0000	58
	78 Bis(2-Ethylhexyl)phthalate	149	12.582	12.582	(1.003)	5518149	60.0000	66
*	79 Perylene-d12	264	14.730	14.730	(1.000)	1324083	20.0000	
	80 Di-n-octylphthalate	149	13.508	13.508	(0.917)	6032821	60.0000	61
	81 Benzo(b)fluoranthene	252	14.095	14.095	(0.957)	5910395	60.0000	67
	82 Benzo(k)fluoranthene	252	14.143	14.143	(0.960)	6146394	60.0000	67
	83 Benzo(a)pyrene	252	14.635	14.635	(0.994)	4157905	60.0000	65
	84 Indeno(1,2,3-cd)pyrene	276	16.748	16.748	(1.137)	2061823	60.0000	61
	85 Dibenzo(a,h)anthracene	278	16.802	16.802	(1.141)	2096900	60.0000	61
	86 Benzo(g,h,i)perylene	276	17.283	17.283	(1.173)	2181162	60.0000	62
	167 Simazine	201	9.371	9.371	(0.971)	1357121	60.0000	66
	103 1,2,4,5-Tetrachlorobenzene	216	7.163	7.163	(0.887)	1534331	60.0000	66
	109 2,3,4,6-Tetrachlorophenol	232	8.445	8.445	(1.046)	1775035	60.0000	61
	119 Pentachloronitrobenzene	237	9.484	9.484	(0.983)	944541	60.0000	67

QC Flag Legend

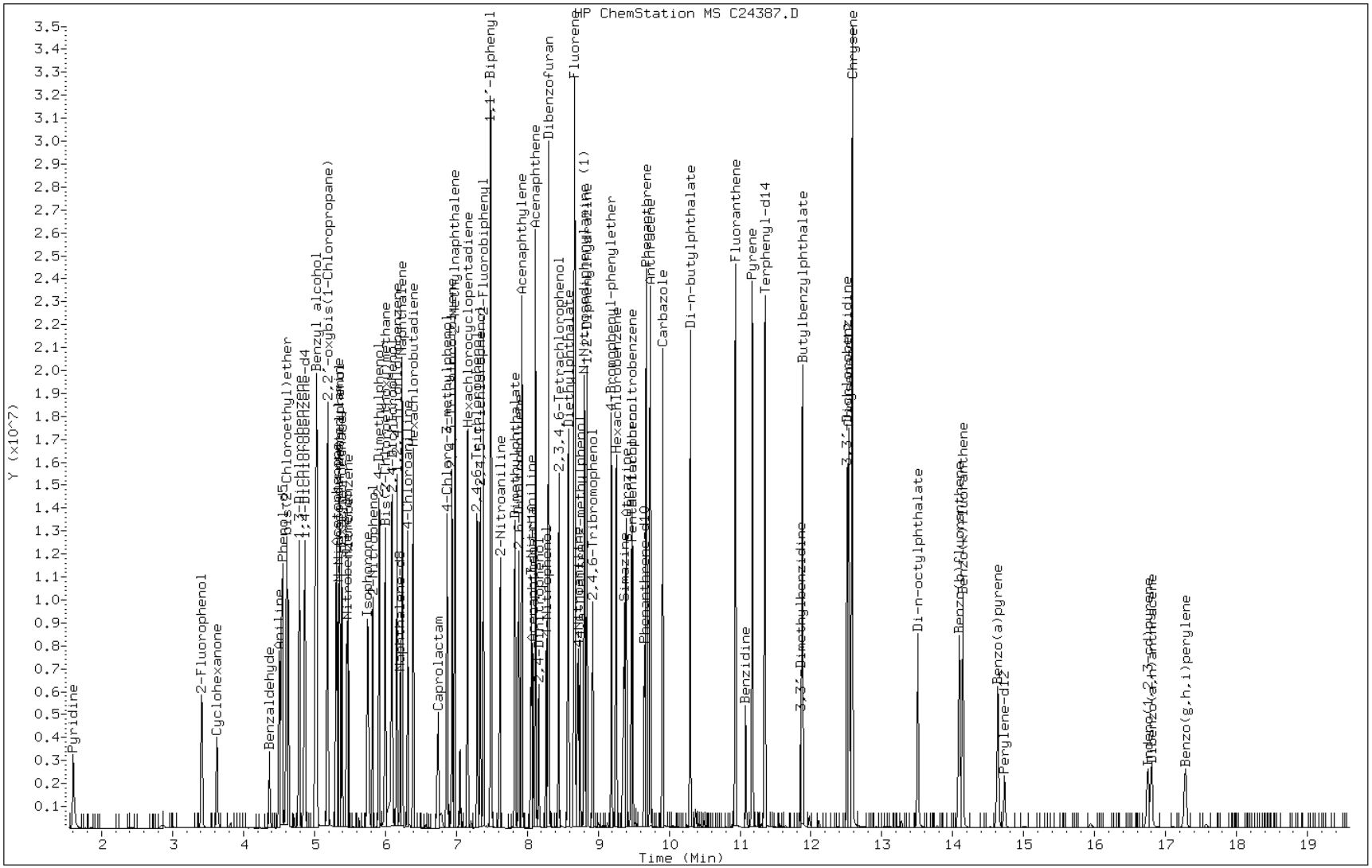
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: C24387.D

Date: 21-JUL-2011 13:18

Client ID: IC-635517 Instrument: msc.i

Sample Info: IC-635517 Operator: S.Jonas



Manual Integration Report

Data File: C24387.D
Inj. Date and Time: 21-JUL-2011 13:18
Instrument ID: msc.i
Client ID: IC-635517
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

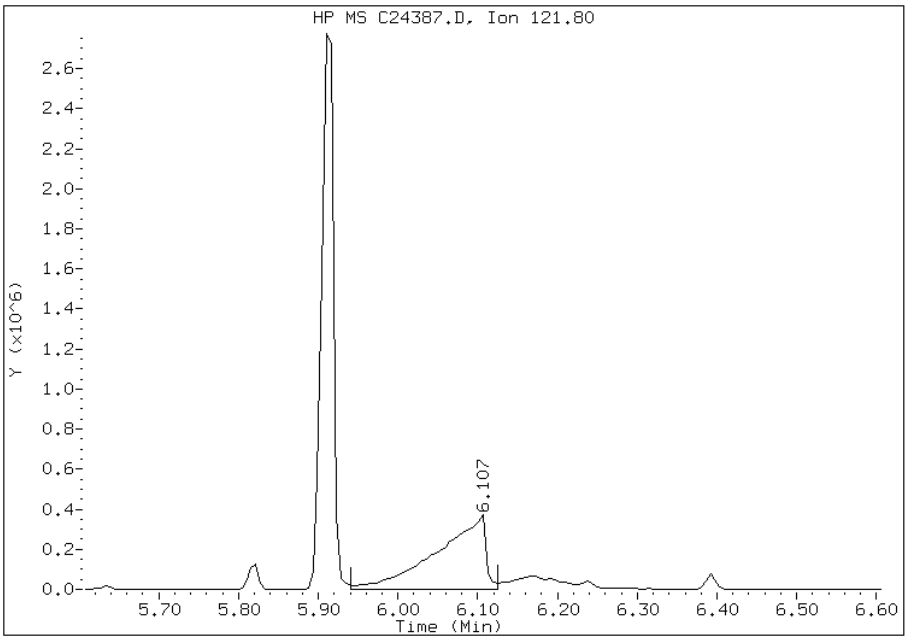
Processing Integration Results

RT: 6.11

Response: 1555511

Amount: 95

Conc: 95



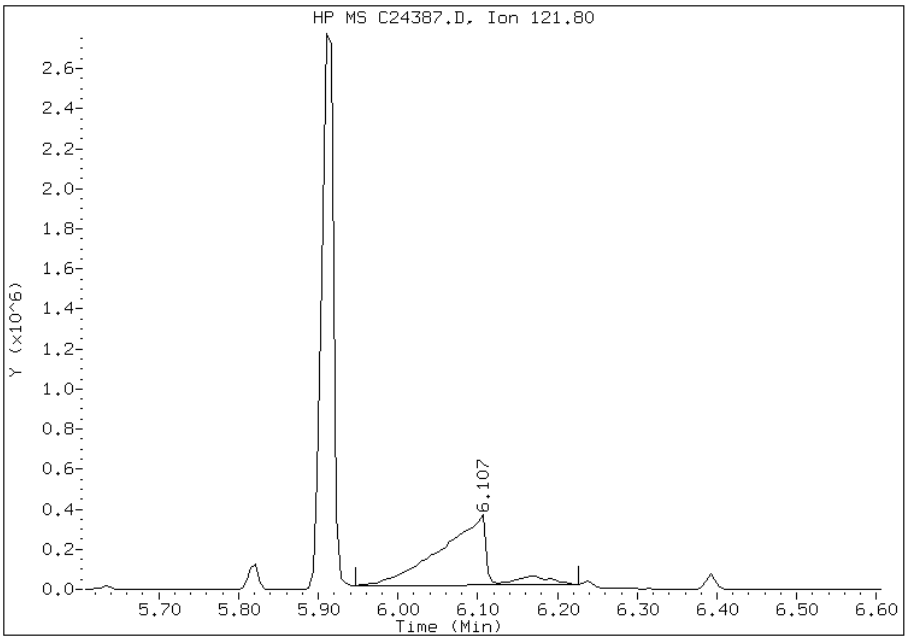
Manual Integration Results

RT: 6.11

Response: 1445126

Amount: 82

Conc: 82



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24387.D
Inj. Date and Time: 21-JUL-2011 13:18
Instrument ID: msc.i
Client ID: IC-635517
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

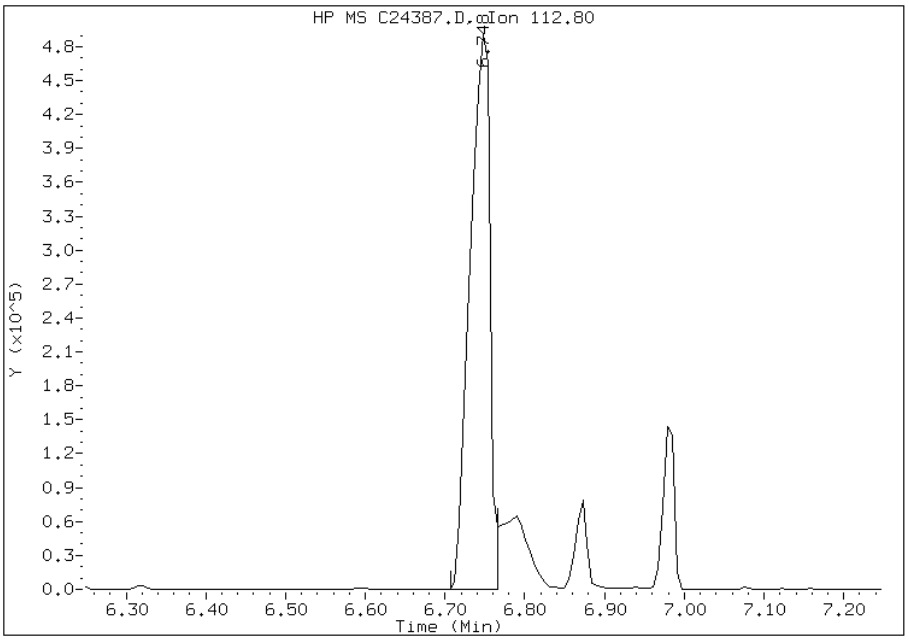
Processing Integration Results

RT: 6.75

Response: 853270

Amount: 62

Conc: 62



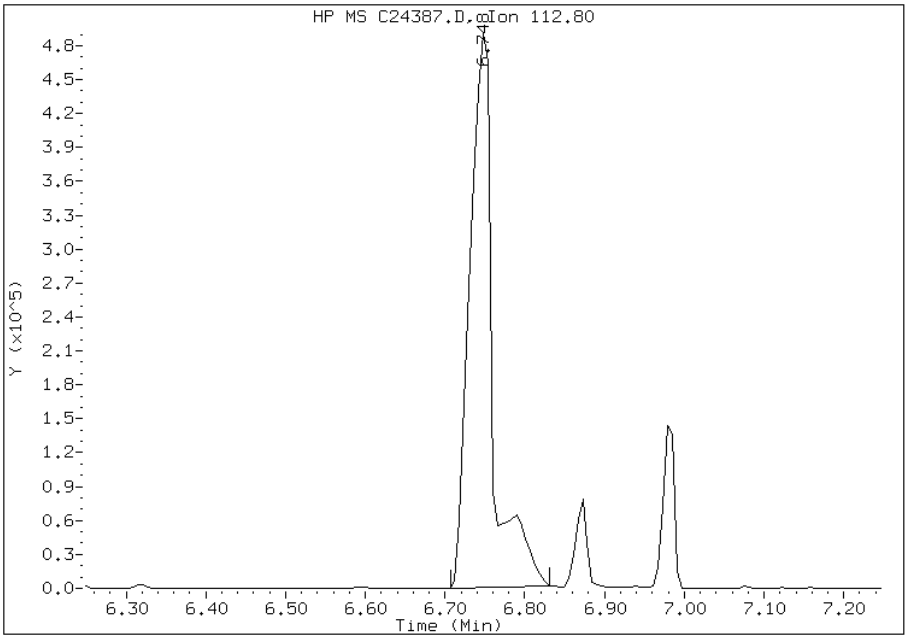
Manual Integration Results

RT: 6.75

Response: 994728

Amount: 70

Conc: 70



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\C24388.D
Lab Smp Id: IC-635518 Client Smp ID: IC-635518
Inj Date : 21-JUL-2011 13:49
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-635518
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\MSC-8270C.m
Meth Date : 22-Jul-2011 09:27 conbna Quant Type: ISTD
Cal Date : 21-JUL-2011 13:49 Cal File: C24388.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.854	4.854	(1.000)	764653	20.0000	
$ 2	2-Fluorophenol	112	3.418	3.418	(0.704)	3393417	80.0000	81(A)
$ 3	Phenol-d5	99	4.546	4.546	(0.936)	4507606	80.0000	79
4	Pyridine	52	1.608	1.608	(0.331)	1251058	80.0000	81(A)
5	N-Nitrosodimethylamine	42	1.602	1.602	(0.330)	947690	80.0000	79
6	Cyclohexanone	42	3.626	3.626	(0.747)	1137237	80.0000	44
128	Benzaldehyde	77	4.368	4.368	(0.900)	871155	80.0000	43
7	Phenol	94	4.563	4.563	(0.940)	4945278	80.0000	79
8	Aniline	93	4.510	4.510	(0.929)	5005861	80.0000	76
9	bis(2-Chloroethyl)ether	63	4.605	4.605	(0.949)	3308051	80.0000	77
10	2-Chlorophenol	128	4.641	4.641	(0.956)	4169511	80.0000	78
11	1,3-Dichlorobenzene	146	4.789	4.789	(0.987)	4696900	80.0000	78
12	1,4-Dichlorobenzene	146	4.872	4.872	(1.004)	4801673	80.0000	77
13	Benzyl alcohol	108	5.050	5.050	(1.040)	2492171	80.0000	82(A)
14	1,2-Dichlorobenzene	146	5.032	5.032	(1.037)	4429781	80.0000	76
15	2,2'-oxybis(1-Chloropropane)	45	5.187	5.187	(1.068)	6645015	80.0000	73
16	2-Methylphenol	108	5.198	5.198	(1.071)	3594177	80.0000	78
92	Acetophenone	105	5.317	5.317	(1.095)	5280643	80.0000	80
17	Hexachloroethane	117	5.388	5.388	(1.110)	2028141	80.0000	80(A)
18	N-Nitroso-di-n-propylamine	70	5.347	5.347	(1.101)	3044350	80.0000	79

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.365	5.365	(1.105)	3879597	80.0000	78
*	20 Naphthalene-d8	136	6.219	6.219	(1.000)	3168521	20.0000	
$	21 Nitrobenzene-d5	82	5.466	5.466	(0.879)	4347197	80.0000	80
	22 Nitrobenzene	77	5.489	5.489	(0.883)	4372598	80.0000	79
	23 Isophorone	82	5.762	5.762	(0.927)	8264505	80.0000	81(A)
	24 2-Nitrophenol	139	5.822	5.822	(0.936)	2564364	80.0000	82(A)
	25 2,4-Dimethylphenol	122	5.923	5.923	(0.952)	3837088	80.0000	82(A)
	26 Benzoic Acid	122	6.130	6.130	(0.986)	2380762	80.0000	130(AM)
	27 Bis(2-Chloroethoxy)methane	93	6.006	6.006	(0.966)	5006793	80.0000	79
	28 2,4-Dichlorophenol	162	6.101	6.101	(0.981)	3711015	80.0000	80(A)
	29 1,2,4-Trichlorobenzene	180	6.166	6.166	(0.991)	4076394	80.0000	79
	30 Naphthalene	128	6.237	6.237	(1.003)	9737738	80.0000	63
	31 4-Chloroaniline	127	6.320	6.320	(1.016)	4945288	80.0000	76
	32 Hexachlorobutadiene	225	6.397	6.397	(1.029)	2417654	80.0000	79
	129 Caprolactam	113	6.771	6.771	(1.089)	1361515	80.0000	89(AM)
	33 4-Chloro-3-methylphenol	107	6.878	6.878	(1.106)	3827018	80.0000	82(A)
	34 2-Methylnaphthalene	142	6.985	6.985	(1.123)	8033452	80.0000	74
*	35 Acenaphthene-d10	164	8.083	8.083	(1.000)	1959049	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.949	6.949	(1.432)	3647726	80.0000	80
	37 Hexachlorocyclopentadiene	237	7.163	7.163	(0.886)	1924960	80.0000	74
	38 2,4,6-Trichlorophenol	196	7.300	7.300	(0.903)	2852984	80.0000	83(A)
	39 2,4,5-Trichlorophenol	196	7.347	7.347	(0.909)	2924819	80.0000	83(A)
$	40 2-Fluorobiphenyl	172	7.389	7.389	(0.914)	8489947	80.0000	74
	130 1,1'-Biphenyl	154	7.490	7.490	(0.927)	8084374	80.0000	64
	41 2-Chloronaphthalene	162	7.501	7.501	(0.928)	7672354	80.0000	74
	42 2-Nitroaniline	65	7.626	7.626	(0.943)	2692448	80.0000	82(A)
	43 Acenaphthylene	152	7.929	7.929	(0.981)	10318238	80.0000	62
	44 Dimethylphthalate	163	7.834	7.834	(0.969)	9395633	80.0000	79
	45 2,6-Dinitrotoluene	165	7.893	7.893	(0.977)	2402843	80.0000	84(A)
	46 Acenaphthene	153	8.125	8.125	(1.005)	8075098	80.0000	75
	47 3-Nitroaniline	138	8.065	8.065	(0.998)	2665358	80.0000	82(A)
	48 2,4-Dinitrophenol	184	8.172	8.172	(1.011)	1287148	80.0000	82(A)
	49 Dibenzofuran	168	8.303	8.303	(1.027)	10050077	80.0000	67
	50 2,4-Dinitrotoluene	165	8.315	8.315	(1.029)	3125836	80.0000	80(A)
	51 4-Nitrophenol	109	8.279	8.279	(1.024)	1177950	80.0000	90(A)
	52 Fluorene	166	8.671	8.671	(1.073)	8999915	80.0000	72
	53 4-Chlorophenyl-phenylether	204	8.677	8.677	(1.073)	4563777	80.0000	74
	54 Diethylphthalate	149	8.588	8.588	(1.062)	9610073	80.0000	77
	55 4-Nitroaniline	138	8.730	8.730	(1.080)	2641164	80.0000	83(A)
$	56 2,4,6-Tribromophenol	330	8.926	8.926	(1.104)	1454129	80.0000	86(A)
*	57 Phenanthrene-d10	188	9.656	9.656	(1.000)	3383097	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.754	8.754	(0.907)	1852217	80.0000	80(A)
	59 N-Nitrosodiphenylamine (1)	169	8.813	8.813	(0.913)	7170174	80.0000	78
	60 1,2-Diphenylhydrazine	77	8.849	8.849	(0.916)	9226874	80.0000	72
	61 4-Bromophenyl-phenylether	248	9.193	9.193	(0.952)	2936467	80.0000	81(A)
	131 Atrazine	200	9.407	9.407	(0.974)	2787820	80.0000	87(A)
	62 Hexachlorobenzene	284	9.258	9.258	(0.959)	3052299	80.0000	79
	63 Pentachlorophenol	266	9.472	9.472	(0.981)	1862005	80.0000	80(A)
	64 Phenanthrene	178	9.680	9.680	(1.002)	11730010	80.0000	67
	65 Carbazole	167	9.911	9.911	(1.026)	11232228	80.0000	68
	66 Anthracene	178	9.739	9.739	(1.009)	11094557	80.0000	64
	67 Di-n-butylphthalate	149	10.297	10.297	(1.066)	11581475	80.0000	60
	68 Fluoranthene	202	10.938	10.938	(1.133)	12015391	80.0000	64
*	70 Chrysene-d12	240	12.546	12.546	(1.000)	2879724	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.080	11.080	(0.883)	2077105	80.0000	61
72	Pyrene	202	11.175	11.175	(0.891)	12513422	80.0000	70
$ 73	Terphenyl-d14	244	11.353	11.353	(0.905)	9655228	80.0000	78
74	Butylbenzylphthalate	149	11.882	11.882	(0.947)	6627518	80.0000	86(A)
124	3,3'-Dimethylbenzidine	212	11.858	11.858	(0.945)	2016130	80.0000	66
75	3,3'-Dichlorobenzidine	252	12.511	12.511	(0.997)	3496344	80.0000	79
76	Benzo(a)anthracene	228	12.535	12.535	(0.999)	12374571	80.0000	78
77	Chrysene	228	12.588	12.588	(1.003)	11077039	80.0000	75
78	Bis(2-Ethylhexyl)phthalate	149	12.588	12.588	(1.003)	7172771	80.0000	87(A)
* 79	Perylene-d12	264	14.731	14.731	(1.000)	1143412	20.0000	
80	Di-n-octylphthalate	149	13.508	13.508	(0.917)	7919198	80.0000	80
81	Benzo(b)fluoranthene	252	14.095	14.095	(0.957)	7066322	80.0000	92(A)
82	Benzo(k)fluoranthene	252	14.149	14.149	(0.961)	6863532	80.0000	87(A)
83	Benzo(a)pyrene	252	14.642	14.642	(0.994)	4732090	80.0000	85(A)
84	Indeno(1,2,3-cd)pyrene	276	16.755	16.755	(1.137)	3105432	80.0000	80
85	Dibenzo(a,h)anthracene	278	16.808	16.808	(1.141)	3080763	80.0000	80
86	Benzo(g,h,i)perylene	276	17.295	17.295	(1.174)	3337379	80.0000	80
167	Simazine	201	9.383	9.383	(0.972)	1839591	80.0000	86(A)
103	1,2,4,5-Tetrachlorobenzene	216	7.163	7.163	(0.886)	2030120	80.0000	85(A)
109	2,3,4,6-Tetrachlorophenol	232	8.451	8.451	(1.046)	2407385	80.0000	80
119	Pentachloronitrobenzene	237	9.490	9.490	(0.983)	1259680	80.0000	86(A)

QC Flag Legend

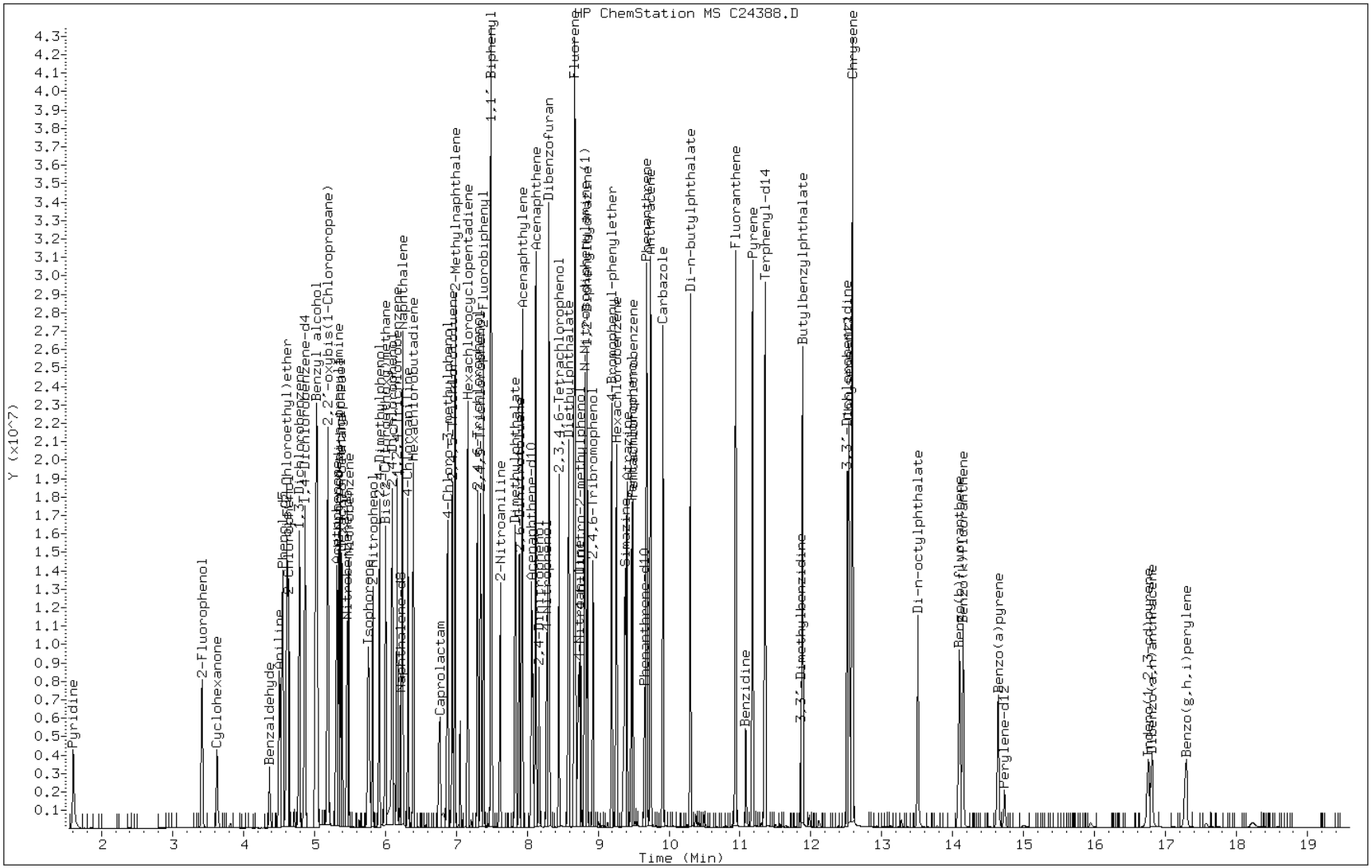
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: C24388.D

Date: 21-JUL-2011 13:49

Client ID: IC-635518 Instrument: msc.i

Sample Info: IC-635518 Operator: S.Jonas



Manual Integration Report

Data File: C24388.D
Inj. Date and Time: 21-JUL-2011 13:49
Instrument ID: msc.i
Client ID: IC-635518
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/22/2011

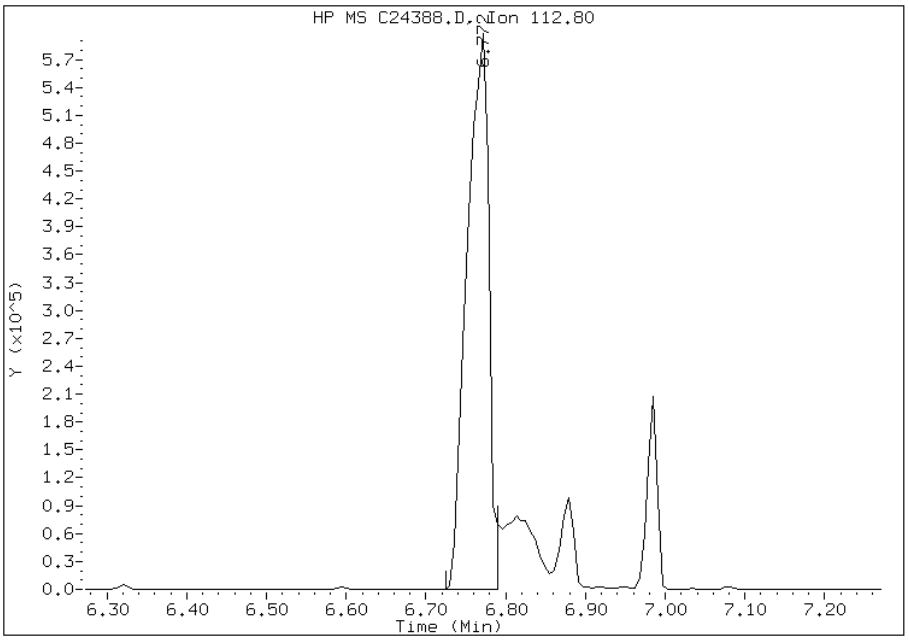
Processing Integration Results

RT: 6.77

Response: 1133539

Amount: 77

Conc: 77



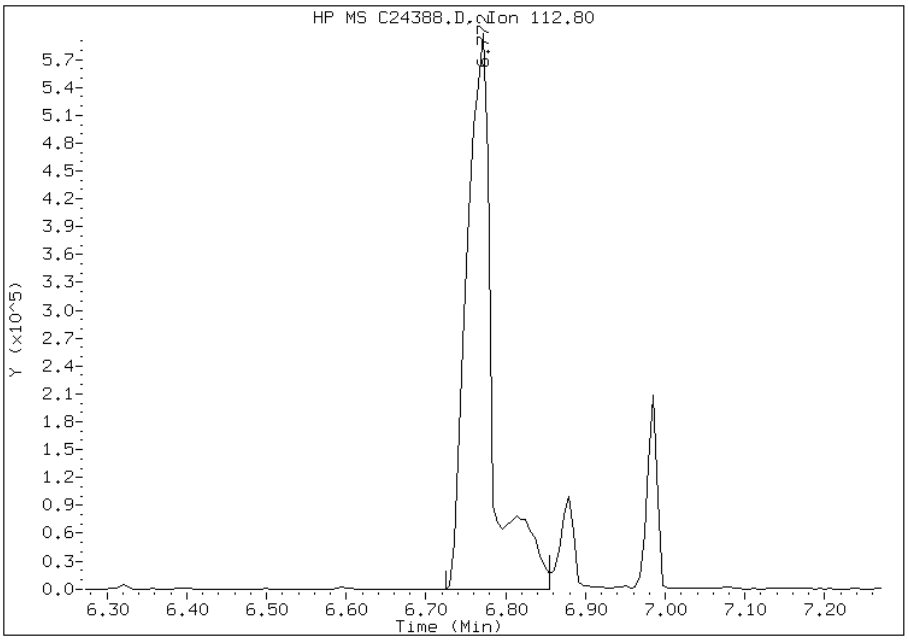
Manual Integration Results

RT: 6.77

Response: 1361515

Amount: 89

Conc: 89



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24388.D
Inj. Date and Time: 21-JUL-2011 13:49
Instrument ID: msc.i
Client ID: IC-635518
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/22/2011

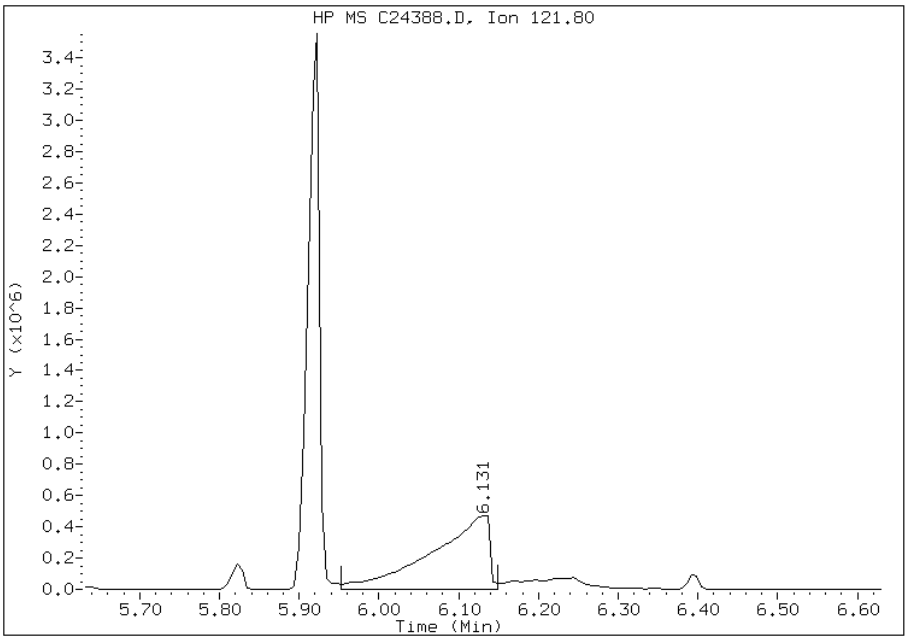
Processing Integration Results

RT: 6.13

Response: 2348556

Amount: 124

Conc: 124



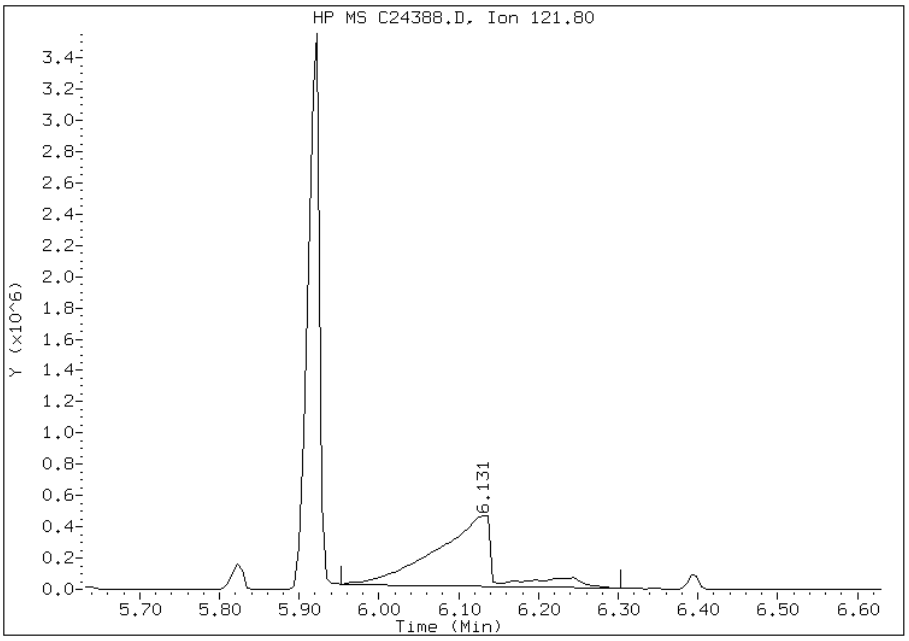
Manual Integration Results

RT: 6.13

Response: 2380762

Amount: 129

Conc: 129



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53343/2	Z21844.D
Level 2	IC 220-53343/3	Z21845.D
Level 3	IC 220-53343/4	Z21846.D
Level 4	IC 220-53343/5	Z21847.D
Level 5	ICIS 220-53343/1	Z21843.D
Level 6	IC 220-53343/6	Z21848.D
Level 7	IC 220-53343/7	Z21849.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.1765 0.1816	0.1703 0.1822	0.1766	0.1800	0.1867	Ave		0.1791				2.9		15.0			
Pyridine	0.2294 0.2355	0.2200 0.2365	0.2133	0.2167	0.2405	Ave		0.2274				4.7		15.0			
Cyclohexanone	0.5294 0.2519	0.4914 0.1993	0.4569	0.3842	0.4527	Ave		0.3951				31.6	*	15.0			
Benzaldehyde	0.3254 0.3259	0.8141 0.2642	0.7443	0.5971	0.3451	Ave		0.4880				46.4	*	15.0			
Aniline	1.5695 1.4551	1.6264 1.4349	1.5894	1.4835	1.6645	Ave		1.5462				5.8		15.0			
Phenol	1.4574 1.3594	1.4595 1.3182	1.4700	1.4509	1.4665	Ave		1.4260				4.3		30.0			
Bis(2-chloroethyl)ether	0.8926 0.8120	0.8714 0.8032	0.8641	0.8325	0.8672	Ave		0.8490				3.9		15.0			
2-Chlorophenol	1.2293 1.1882	1.2022 1.1550	1.2424	1.2043	1.2319	Ave		1.2076				2.5		15.0			
1,3-Dichlorobenzene	1.3400 1.3371	1.3451 1.3175	1.3525	1.3654	1.3805	Ave		1.3483				1.5		15.0			
1,4-Dichlorobenzene	1.3912 1.3587	1.3549 1.3349	1.3858	1.3876	1.3989	Ave		1.3731				1.7		30.0			
1,2-Dichlorobenzene	1.3133 1.2182	1.2957 1.1722	1.3257	1.2977	1.2800	Ave		1.2718				4.4		15.0			
Benzyl alcohol	0.7077 0.7035	0.7176 0.6660	0.7599	0.7362	0.7575	Ave		0.7212				4.6		15.0			
2-Methylphenol	1.1168 1.0224	1.0844 0.9737	1.0986	1.0802	1.0792	Ave		1.0650				4.7		15.0			
2,2'-oxybis[1-chloropropane]	1.6365 1.3222	1.5807 1.2514	1.5588	1.4882	1.4795	Ave		1.4739				9.5		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.6232 1.6200	1.5733 1.6064	1.6163	1.6144	1.6429	Ave		1.6138				1.3		15.0			
N-Nitrosodi-n-propylamine	0.8701 0.8825	0.8615 0.8402	0.8838	0.8874	0.9116	Ave		0.8767			0.0500	2.6		15.0			
4-Methylphenol	1.1748 1.1426	1.1687 1.0779	1.1990	1.1879	1.2019	Ave		1.1647				3.7		15.0			
Hexachloroethane	0.5698 0.5728	0.5338 0.5565	0.5679	0.5691	0.5904	Ave		0.5658				3.1		15.0			
Nitrobenzene	0.3028 0.2889	0.2899 0.2802	0.2974	0.2933	0.3039	Ave		0.2938				2.9		15.0			
Isophorone	0.5176 0.5424	0.5042 0.5376	0.5236	0.5277	0.5514	Ave		0.5292				3.0		15.0			
2-Nitrophenol	0.1530 0.1635	0.1502 0.1607	0.1569	0.1589	0.1659	Ave		0.1584				3.5		30.0			
2,4-Dimethylphenol	0.2149 0.2403	0.2139 0.2301	0.2258	0.2327	0.2492	Ave		0.2295				5.6		15.0			
Bis(2-chloroethoxy)methane	0.3349 0.3329	0.3259 0.3208	0.3359	0.3346	0.3454	Ave		0.3329				2.3		15.0			
Benzoic acid	0.1000 0.1615	0.0622 0.1599	0.1060	0.1221	0.1519	Ave		0.1234				30.0	*	15.0			
2,4-Dichlorophenol	0.2158 0.2249	0.2128 0.2175	0.2221	0.2253	0.2304	Ave		0.2213				2.8		30.0			
1,2,4-Trichlorobenzene	0.2477 0.2499	0.2442 0.2449	0.2508	0.2482	0.2550	Ave		0.2487				1.5		15.0			
Naphthalene	0.8560 0.7970	0.8114 0.7563	0.8360	0.8218	0.8326	Ave		0.8159				4.0		15.0			
4-Chloroaniline	0.3032 0.3155	0.3158 0.2961	0.3276	0.3250	0.3393	Ave		0.3175				4.6		15.0			
Hexachlorobutadiene	0.1347 0.1366	0.1306 0.1352	0.1347	0.1342	0.1392	Ave		0.1350				1.9		30.0			
Caprolactam	0.0599 0.0800	0.0632 0.0794	0.0689	0.0729	0.0770	Ave		0.0716				11.1		15.0			
4-Chloro-3-methylphenol	0.2227 0.2510	0.2221 0.2416	0.2417	0.2460	0.2536	Ave		0.2398				5.3		30.0			
2,4,5-Trichlorotoluene	0.9874 1.0411	0.9591 1.0392	1.0104	1.0001	1.0171	Ave		1.0078				2.9		15.0			
2-Methylnaphthalene	0.5458 0.5415	0.5282 0.5125	0.5499	0.5524	0.5616	Ave		0.5417				3.0		15.0			
Hexachlorocyclopentadiene	0.1276 0.2183	0.1553 0.2022	0.1927	0.2066	0.2485	Qua	0.1432	2.9094	2.2296					15.0	0.9957		0.9900

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

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetrachlorobenzene	0.1828 0.1913	0.1424 0.1852	0.1821	0.1494	0.1988	Ave		0.1760				12.2		15.0			
2,4,6-Trichlorophenol	0.2431 0.2803	0.2392 0.2731	0.2607	0.2629	0.2876	Ave		0.2638				6.9		30.0			
2,4,5-Trichlorophenol	0.2486 0.2952	0.2550 0.2859	0.2723	0.2717	0.3004	Ave		0.2756				7.1		15.0			
1,1'-Biphenyl	1.0752 1.0054	1.0519 0.8997	1.0763	1.0715	1.1199	Ave		1.0428				6.9		15.0			
2-Chloronaphthalene	0.8699 0.8260	0.8455 0.7657	0.8634	0.8632	0.8988	Ave		0.8475				5.0		15.0			
2-Nitroaniline	0.2425 0.2694	0.2457 0.2607	0.2575	0.2613	0.2831	Ave		0.2600				5.3		15.0			
Dimethyl phthalate	0.9117 0.9971	0.8987 0.9676	0.9353	0.9498	1.0110	Ave		0.9530				4.4		15.0			
2,6-Dinitrotoluene	0.2015 0.2433	0.2028 0.2393	0.2224	0.2276	0.2461	Ave		0.2261				8.1		15.0			
Acenaphthylene	1.3725 1.4396	1.3532 1.3765	1.3989	1.4067	1.5061	Ave		1.4076				3.7		15.0			
3-Nitroaniline	0.2207 0.2653	0.2315 0.2560	0.2463	0.2524	0.2727	Ave		0.2493				7.3		15.0			
Acenaphthene	0.8515 0.8912	0.8419 0.8438	0.8639	0.8692	0.9239	Ave		0.8693				3.4		30.0			
2,4-Dinitrophenol	0.0336 0.1449	0.0562 0.1477	0.0972	0.1086	0.1284	Lin	0.3649	0.1612			0.0500			15.0	0.9936		0.9900
4-Nitrophenol	0.0950 0.1347	0.1008 0.1316	0.1171	0.1196	0.1338	Ave		0.1189			0.0500	13.4		15.0			
Dibenzofuran	1.2011 1.2072	1.1687 1.1526	1.2051	1.1995	1.2678	Ave		1.2003				3.0		15.0			
2,4-Dinitrotoluene	0.2759 0.3123	0.2845 0.3023	0.3020	0.3055	0.3254	Ave		0.3011				5.5		15.0			
2,3,4,6-Tetrachlorophenol	0.1640 0.2200	0.1393 0.2164	0.1959	0.1607	0.2203	Lin	0.1099	0.2242						15.0	0.9941		0.9900
Diethyl phthalate	0.9240 1.0157	0.9162 0.9844	0.9695	0.9725	1.0368	Ave		0.9742				4.5		15.0			
Fluorene	0.9475 0.9839	0.9414 0.9015	0.9703	0.9873	1.0450	Ave		0.9681				4.6		15.0			
4-Chlorophenyl phenyl ether	0.4514 0.4746	0.4442 0.4397	0.4595	0.4687	0.4951	Ave		0.4619				4.2		15.0			
4-Nitroaniline	0.2162 0.2567	0.2172 0.2451	0.2356	0.2458	0.2609	Ave		0.2397				7.4		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	0.0528 0.1182	0.0685 0.1201	0.0940	0.0999	0.1136	Lin	0.2415	0.1274						15.0	0.9977		0.9900
N-Nitrosodiphenylamine	0.4106 0.4602	0.4065 0.4527	0.4317	0.4391	0.4772	Ave		0.4397				5.9		30.0			
1,2-Diphenylhydrazine	0.6767 0.6806	0.6678 0.6563	0.6908	0.6878	0.7480	Ave		0.6869				4.3		15.0			
4-Bromophenyl phenyl ether	0.1452 0.1709	0.1454 0.1721	0.1538	0.1585	0.1757	Ave		0.1602				8.0		15.0			
Hexachlorobenzene	0.1617 0.1821	0.1613 0.1817	0.1652	0.1690	0.1861	Ave		0.1724				6.1		15.0			
Simazine	0.0824 0.0948	0.0805 0.0986	0.0813	0.0796	0.0961	Ave		0.0876				9.6		15.0			
Atrazine	0.1256 0.1538	0.1251 0.1564	0.1248	0.1222	0.1492	Ave		0.1367				11.4		15.0			
Pentachlorophenol	0.0440 0.1101	0.0597 0.1129	0.0829	0.0883	0.1053	Lin	0.2818	0.1206						30.0	0.9959		0.9900
Pentachloronitrobenzene	0.0597 0.0712	0.0649 0.0706	0.0682	0.0541	0.0717	Ave		0.0657				10.2		15.0			
Phenanthrene	0.8258 0.8817	0.8096 0.8553	0.8362	0.8475	0.9172	Ave		0.8533				4.2		15.0			
Anthracene	0.8105 0.8981	0.8168 0.8733	0.8463	0.8688	0.9454	Ave		0.8656				5.4		15.0			
Carbazole	0.7389 0.8104	0.7317 0.7849	0.7644	0.7814	0.8446	Ave		0.7795				5.1		15.0			
Di-n-butyl phthalate	0.8876 1.0432	0.9019 1.0070	0.9723	1.0068	1.0786	Ave		0.9853				7.1		15.0			
Fluoranthene	0.7833 0.9088	0.7948 0.8905	0.8311	0.8587	0.9239	Ave		0.8559				6.4		30.0			
Benzidine	0.1226 0.1315	0.2082 0.1083	0.1874	0.1664	0.2005	Ave		0.1607				24.9	*	15.0			
Pyrene	0.9923 1.0832	0.9934 1.0775	1.0354	1.0432	1.1342	Ave		1.0513				4.9		15.0			
3,3'-Dimethylbenzidine	0.0897 0.1325	0.1489 +++++	0.1463	0.1520	0.1839	Ave		0.1422				21.7	*	15.0			
Butyl benzyl phthalate	0.3770 0.4663	0.3851 0.4684	0.4199	0.4359	0.4755	Ave		0.4326				9.3		15.0			
3,3'-Dichlorobenzidine	0.2041 0.2468	0.2152 0.2340	0.2336	0.2371	0.2572	Ave		0.2326				7.7		15.0			
Benzo[a]anthracene	0.8071 0.8834	0.7975 0.8753	0.8292	0.8340	0.9040	Ave		0.8472				4.8		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 EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	0.7755 0.8491	0.7674 0.8220	0.7989	0.8128	0.8684	Ave		0.8134				4.5		15.0			
Bis(2-ethylhexyl) phthalate	0.4181 0.5310	0.4177 0.5202	0.4558	0.4811	0.5349	Ave		0.4798				10.6		15.0			
Di-n-octyl phthalate	0.5700 1.0726	0.5945 1.2329	0.6867	0.7728	0.9565	Qua	0.0845	1.1477	-0.072					30.0	0.9993		0.9900
Benzo[b]fluoranthene	0.8168 1.0468	0.8228 1.0793	0.8763	0.9008	1.0176	Ave		0.9372				11.6		15.0			
Benzo[k]fluoranthene	0.8630 1.0941	0.8499 1.1103	0.9161	0.9350	1.0559	Ave		0.9749				11.3		15.0			
Benzo[a]pyrene	0.6475 0.7901	0.6391 0.7933	0.6799	0.7091	0.7979	Ave		0.7224				9.8		30.0			
Indeno[1,2,3-cd]pyrene	0.3922 0.4129	0.3806 0.4489	0.4143	0.4158	0.4421	Ave		0.4152				5.9		15.0			
Dibenz(a,h)anthracene	0.3651 0.4335	0.3331 0.4608	0.3761	0.4015	0.4337	Ave		0.4006				11.3		15.0			
Benzo[g,h,i]perylene	0.3885 0.4069	0.3889 0.4498	0.4082	0.4128	0.4300	Ave		0.4122				5.3		15.0			
2-Fluorophenol	0.9132 0.9396	0.8903 0.9294	0.9303	0.9294	0.9677	Ave		0.9285				2.5		15.0			
Phenol-d5	1.3500 1.3156	1.3149 1.2853	1.3523	1.3290	1.3676	Ave		1.3307				2.1		15.0			
Nitrobenzene-d5	0.2906 0.2872	0.2781 0.2829	0.2852	0.2828	0.2989	Ave		0.2865				2.3		15.0			
2-Fluorobiphenyl	0.9116 0.9533	0.9027 0.9165	0.9280	0.9231	0.9966	Ave		0.9331				3.5		15.0			
2,4,6-Tribromophenol	0.1089 0.1447	0.1161 0.1427	0.1279	0.1307	0.1403	Ave		0.1302				10.5		15.0			
Terphenyl-d14	0.6463 0.7171	0.6498 0.7157	0.6742	0.6888	0.7430	Ave		0.6907				5.3		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-53343/2	Z21844.D
Level 2	IC 220-53343/3	Z21845.D
Level 3	IC 220-53343/4	Z21846.D
Level 4	IC 220-53343/5	Z21847.D
Level 5	ICIS 220-53343/1	Z21843.D
Level 6	IC 220-53343/6	Z21848.D
Level 7	IC 220-53343/7	Z21849.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	4964 138405	9591 186675	24870	48942	100213	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	6452 179533	12392 242384	30041	58922	129093	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	14886 192061	27679 204274	64346	104455	243008	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	9151 248465	45854 270799	104822	162355	185246	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	44135 1109229	91604 1470491	223828	403349	893482	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	40982 1036303	82204 1350905	207024	394491	787211	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	25099 618981	49083 823168	121689	226367	465491	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	34568 905778	67716 1183681	174968	327438	661281	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	37680 1019289	75765 1350267	190464	371248	741022	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	39121 1035774	76312 1368059	195156	377274	750924	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	36931 928686	72979 1201276	186692	352833	687111	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	19901 536251	40416 682491	107016	200173	406633	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	31404 779412	61079 997844	154715	293693	579324	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	46019 1007934	89034 1282444	219523	404625	794154	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	45644 1234914	88613 1646322	227615	438958	881906	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	24468 672751	48523 861015	124461	241283	489312	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Methylphenol	DCB	Ave	33035 871010	65828 1104674	168850	322974	645160	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	16022 436665	30064 570365	79980	154746	316918	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	38164 1008501	74099 1326639	189851	361770	733171	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	65223 1893337	128875 2545719	334216	650798	1330376	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	19277 570742	38402 760825	100168	195924	400237	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	27082 838711	54663 1089467	144108	286999	601200	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	42210 1161837	83304 1519217	214381	412730	833163	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Ave	12596 563596	39757 757406	169174	225865	366446	2.00 60.0	10.0 80.0	25.0	30.0	40.0
2,4-Dichlorophenol	NPT	Ave	27200 785175	54401 1030005	141756	277890	555785	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	31210 872286	62418 1159624	160076	306068	615299	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	107870 2781741	207405 3581424	533624	1013525	2008669	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	38211 1101136	80715 1402085	209087	400860	818660	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	16978 476669	33381 640442	85955	165487	335808	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	7543 279236	16155 375907	44004	89962	185884	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	28060 876033	56760 1144151	154268	303397	611899	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	27765 793636	54019 1065044	142296	271919	545966	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	68781 1890206	134997 2426966	351017	681354	1354773	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorocyclopentadiene	ANT	Qua	9507 455673	23491 571706	73859	154522	347056	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	13624 399350	26922 523587	69779	139648	277664	2.00 60.0	5.00 80.0	10.0	25.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	18116 585138	36180 772050	99914	196635	401634	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	46322 616352	96412 808347	260937	304826	419628	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	80133 2098904	159101 2543428	412482	801364	1564174	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	64837 1724387	127884 2164559	330886	645565	1255303	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	18075 562313	37166 737041	98692	195412	395386	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	67952 2081480	135938 2735334	358451	710340	1412052	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	15018 507960	30678 676377	85222	170209	343750	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	102290 3005281	204671 3891397	536121	1052015	2103633	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	16446 553792	35018 723631	94395	188754	380906	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	63463 1860534	127336 2385447	331078	650028	1290352	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Lin	6263 302577	21234 417566	93104	121859	179390	5.00 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	17708 281197	38100 372166	112213	134130	186823	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	89514 2520083	176777 3258496	461849	897090	1770784	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	20564 651995	43033 854707	115723	228467	454465	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Lin	12224 459278	26340 611670	75093	150270	307760	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Diethyl phthalate	ANT	Ave	68868 2120323	138577 2782905	371565	727311	1448149	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	70619 2053929	142388 2548583	371862	738385	1459615	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	33646 990821	67180 1243004	176086	350503	691568	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	16116 535965	32856 693019	90306	183850	364439	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Lin	15677 398142	41359 538492	143858	179104	249663	5.00 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	48738 1550305	98148 2029200	264255	524736	1048947	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	80329 2292622	161245 2941636	422846	821790	1644317	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	17236 575806	35111 771306	94136	189352	386264	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	19194 613385	38941 814294	101089	201978	409143	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	9781 319439	19432 441759	49779	95159	211302	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Atrazine	PHN	Ave	14908 518178	30195 700896	76407	146016	328014	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Lin	13052 370949	36046 505896	126806	158350	231429	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	7082 239667	15664 316236	41741	80763	157548	2.00 60.0	4.00 80.0	10.0	25.0	40.0
Phenanthrene	PHN	Ave	98032 2969986	195474 3833657	511804	1012671	2016269	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	96209 3025268	197220 3914401	517982	1038129	2078226	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	87708 2729815	176680 3518218	467840	933719	1856664	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	105359 3513958	217765 4513926	595093	1202964	2371008	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	92989 3061110	191916 3991601	508705	1026069	2030933	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Ave	11688 376276	40405 406794	94255	166094	363834	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	94565 3098816	192784 4048310	520752	1041158	2058117	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Ave	8544 379187	28896 +++++	73585	151712	333627	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	35925 1334103	74747 1759819	211188	435034	862774	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	19452 706070	41774 879226	117516	236603	466650	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	76918 2527276	154767 3288745	417056	832328	1640494	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	73909 2429097	148932 3088325	401818	811180	1575855	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	39848 1518998	81067 1954324	229257	480131	970553	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Qua	37436 1826876	78893 2451940	238925	530454	1120972	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Ave	53640 1782908	109190 2146529	304887	618314	1192484	2.00 60.0	4.00 80.0	10.0	20.0	40.0

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

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1 Analy Batch No.: 53343

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/27/2011 07:33 Calibration End Date: 07/27/2011 10:24 Calibration ID: 11648

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	56679 1863510	112794 2208082	318730	641767	1237363	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	42522 1345719	84819 1577654	236564	486702	935034	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	25756 703161	50511 892670	144149	285404	518097	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Ave	23980 738337	44207 916479	130866	275603	508304	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Ave	25513 693022	51617 894608	142014	283322	503867	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	25679 716275	50144 952492	131009	252700	519436	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	37963 1002924	74059 1317214	190438	361358	734112	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	36618 1002330	71075 1339745	182026	348825	721124	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	67945 1990210	136534 2590969	355656	690346	1391977	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	20295 302048	43884 403546	122551	146663	195964	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Terphenyl-d14	CRY	Ave	61591 2051558	126109 2688917	339107	687470	1348221	2.00 60.0	4.00 80.0	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21843.D
Lab Smp Id: ICIS-641574 Client Smp ID: ICIS-641574
Inj Date : 27-JUL-2011 07:33
Operator : S.Jonas Inst ID: msz.i
Smp Info : ICIS-641574
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.790	4.790	(1.000)	268393	20.0000	
$ 2	2-Fluorophenol	112	3.342	3.342	(0.698)	519436	40.0000	42
$ 3	Phenol-d5	99	4.473	4.473	(0.934)	734112	40.0000	41
4	Pyridine	52	1.555	1.555	(0.325)	129093	40.0000	42
5	N-Nitrosodimethylamine	42	1.545	1.545	(0.323)	100213	40.0000	42
6	Cyclohexanone	42	3.559	3.559	(0.743)	243008	40.0000	46
128	Benzaldehyde	77	4.305	4.305	(0.899)	185246	40.0000	28
7	Phenol	94	4.486	4.486	(0.936)	787211	40.0000	41
8	Aniline	93	4.445	4.445	(0.928)	893482	40.0000	43
9	bis(2-Chloroethyl)ether	63	4.545	4.545	(0.949)	465491	40.0000	41
10	2-Chlorophenol	128	4.570	4.570	(0.954)	661281	40.0000	41
11	1,3-Dichlorobenzene	146	4.725	4.725	(0.986)	741022	40.0000	41
12	1,4-Dichlorobenzene	146	4.809	4.809	(1.004)	750924	40.0000	41
13	Benzyl alcohol	108	4.977	4.977	(1.039)	406633	40.0000	42
14	1,2-Dichlorobenzene	146	4.970	4.970	(1.038)	687111	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.070)	794154	40.0000	40
16	2-Methylphenol	108	5.126	5.126	(1.070)	579324	40.0000	40
92	Acetophenone	105	5.247	5.247	(1.095)	881906	40.0000	41
17	Hexachloroethane	117	5.328	5.328	(1.112)	316918	40.0000	42
18	N-Nitroso-di-n-propylamine	70	5.272	5.272	(1.101)	489312	40.0000	42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.294	5.294	(1.105)	645160	40.0000	41
*	20 Naphthalene-d8	136	6.152	6.152	(1.000)	1206258	20.0000	
$	21 Nitrobenzene-d5	82	5.396	5.396	(0.877)	721124	40.0000	42
	22 Nitrobenzene	77	5.418	5.418	(0.881)	733171	40.0000	41
	23 Isophorone	82	5.685	5.685	(0.924)	1330376	40.0000	42
	24 2-Nitrophenol	139	5.757	5.757	(0.936)	400237	40.0000	42
	25 2,4-Dimethylphenol	122	5.850	5.850	(0.951)	601200	40.0000	43
	26 Benzoic Acid	122	6.018	6.018	(0.978)	366446	40.0000	49(M)
	27 Bis(2-Chloroethoxy)methane	93	5.937	5.937	(0.965)	833163	40.0000	41
	28 2,4-Dichlorophenol	162	6.027	6.027	(0.980)	555785	40.0000	42
	29 1,2,4-Trichlorobenzene	180	6.102	6.102	(0.992)	615299	40.0000	41
	30 Naphthalene	128	6.176	6.176	(1.004)	2008669	40.0000	41
	31 4-Chloroaniline	127	6.254	6.254	(1.017)	818660	40.0000	43
	32 Hexachlorobutadiene	225	6.332	6.332	(1.029)	335808	40.0000	41
	129 Caprolactam	113	6.668	6.668	(1.084)	185884	40.0000	43(M)
	33 4-Chloro-3-methylphenol	107	6.804	6.804	(1.106)	611899	40.0000	42
	34 2-Methylnaphthalene	142	6.916	6.916	(1.124)	1354773	40.0000	41
*	35 Acenaphthene-d10	164	8.013	8.013	(1.000)	698354	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.879	6.879	(1.436)	545966	40.0000	40
	37 Hexachlorocyclopentadiene	237	7.096	7.096	(0.886)	347056	40.0000	43
	38 2,4,6-Trichlorophenol	196	7.230	7.230	(0.902)	401634	40.0000	44
	39 2,4,5-Trichlorophenol	196	7.270	7.270	(0.907)	419628	40.0000	44
$	40 2-Fluorobiphenyl	172	7.317	7.317	(0.913)	1391977	40.0000	43
	130 1,1'-Biphenyl	154	7.417	7.417	(0.926)	1564174	40.0000	43
	41 2-Chloronaphthalene	162	7.429	7.429	(0.927)	1255303	40.0000	42
	42 2-Nitroaniline	65	7.550	7.550	(0.942)	395386	40.0000	44
	43 Acenaphthylene	152	7.861	7.861	(0.981)	2103633	40.0000	43
	44 Dimethylphthalate	163	7.762	7.762	(0.969)	1412052	40.0000	42
	45 2,6-Dinitrotoluene	165	7.814	7.814	(0.975)	343750	40.0000	44
	46 Acenaphthene	153	8.051	8.051	(1.005)	1290352	40.0000	42
	47 3-Nitroaniline	138	7.988	7.988	(0.997)	380906	40.0000	44
	48 2,4-Dinitrophenol	184	8.094	8.094	(1.010)	179390	40.0000	39
	49 Dibenzofuran	168	8.234	8.234	(1.028)	1770784	40.0000	42
	50 2,4-Dinitrotoluene	165	8.237	8.237	(1.028)	454465	40.0000	43
	51 4-Nitrophenol	109	8.197	8.197	(1.023)	186823	40.0000	45
	52 Fluorene	166	8.595	8.595	(1.073)	1459615	40.0000	43
	53 4-Chlorophenyl-phenylether	204	8.604	8.604	(1.074)	691568	40.0000	43
	54 Diethylphthalate	149	8.511	8.511	(1.062)	1448149	40.0000	42
	55 4-Nitroaniline	138	8.641	8.641	(1.078)	364439	40.0000	44
$	56 2,4,6-Tribromophenol	330	8.849	8.849	(1.104)	195964	40.0000	43
*	57 Phenanthrene-d10	188	9.580	9.580	(1.000)	1099159	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.669	8.669	(0.905)	249663	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	8.738	8.738	(0.912)	1048947	40.0000	43
	60 1,2-Diphenylhydrazine	77	8.775	8.775	(0.916)	1644317	40.0000	44
	61 4-Bromophenyl-phenylether	248	9.117	9.117	(0.952)	386264	40.0000	44
	131 Atrazine	200	9.322	9.322	(0.973)	328014	40.0000	44
	62 Hexachlorobenzene	284	9.182	9.182	(0.958)	409143	40.0000	43
	63 Pentachlorophenol	266	9.393	9.393	(0.981)	231429	40.0000	40
	64 Phenanthrene	178	9.608	9.608	(1.003)	2016269	40.0000	43
	65 Carbazole	167	9.838	9.838	(1.027)	1856664	40.0000	43
	66 Anthracene	178	9.661	9.661	(1.008)	2078226	40.0000	44
	67 Di-n-butylphthalate	149	10.229	10.229	(1.068)	2371008	40.0000	44
	68 Fluoranthene	202	10.860	10.860	(1.134)	2030933	40.0000	43
*	70 Chrysene-d12	240	12.442	12.442	(1.000)	907309	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.006	11.006	(0.885)	363834	40.0000	50
72	Pyrene	202	11.097	11.097	(0.892)	2058117	40.0000	43
$ 73	Terphenyl-d14	244	11.274	11.274	(0.906)	1348221	40.0000	43
74	Butylbenzylphthalate	149	11.799	11.799	(0.948)	862774	40.0000	44
124	3,3'-Dimethylbenzidine	212	11.774	11.774	(0.946)	333627	40.0000	52
75	3,3'-Dichlorobenzidine	252	12.408	12.408	(0.997)	466650	40.0000	44
76	Benzo(a)anthracene	228	12.430	12.430	(0.999)	1640494	40.0000	43
77	Chrysene	228	12.480	12.480	(1.003)	1575855	40.0000	43
78	Bis(2-Ethylhexyl)phthalate	149	12.489	12.489	(1.004)	970553	40.0000	44
* 79	Perylene-d12	264	14.587	14.587	(1.000)	585950	20.0000	
80	Di-n-octylphthalate	149	13.390	13.390	(0.918)	1120972	40.0000	40
81	Benzo(b)fluoranthene	252	13.956	13.956	(0.957)	1192484	40.0000	43
82	Benzo(k)fluoranthene	252	14.003	14.003	(0.960)	1237363	40.0000	43
83	Benzo(a)pyrene	252	14.487	14.487	(0.993)	935034	40.0000	44
84	Indeno(1,2,3-cd)pyrene	276	16.561	16.561	(1.135)	518097	40.0000	42
85	Dibenzo(a,h)anthracene	278	16.613	16.613	(1.139)	508304	40.0000	43
86	Benzo(g,h,i)perylene	276	17.083	17.083	(1.171)	503867	40.0000	42
167	Simazine	201	9.294	9.294	(0.970)	211302	40.0000	44
103	1,2,4,5-Tetrachlorobenzene	216	7.096	7.096	(0.886)	277664	40.0000	45
109	2,3,4,6-Tetrachlorophenol	232	8.374	8.374	(1.045)	307760	40.0000	42
119	Pentachloronitrobenzene	237	9.412	9.412	(0.982)	157548	40.0000	44

QC Flag Legend

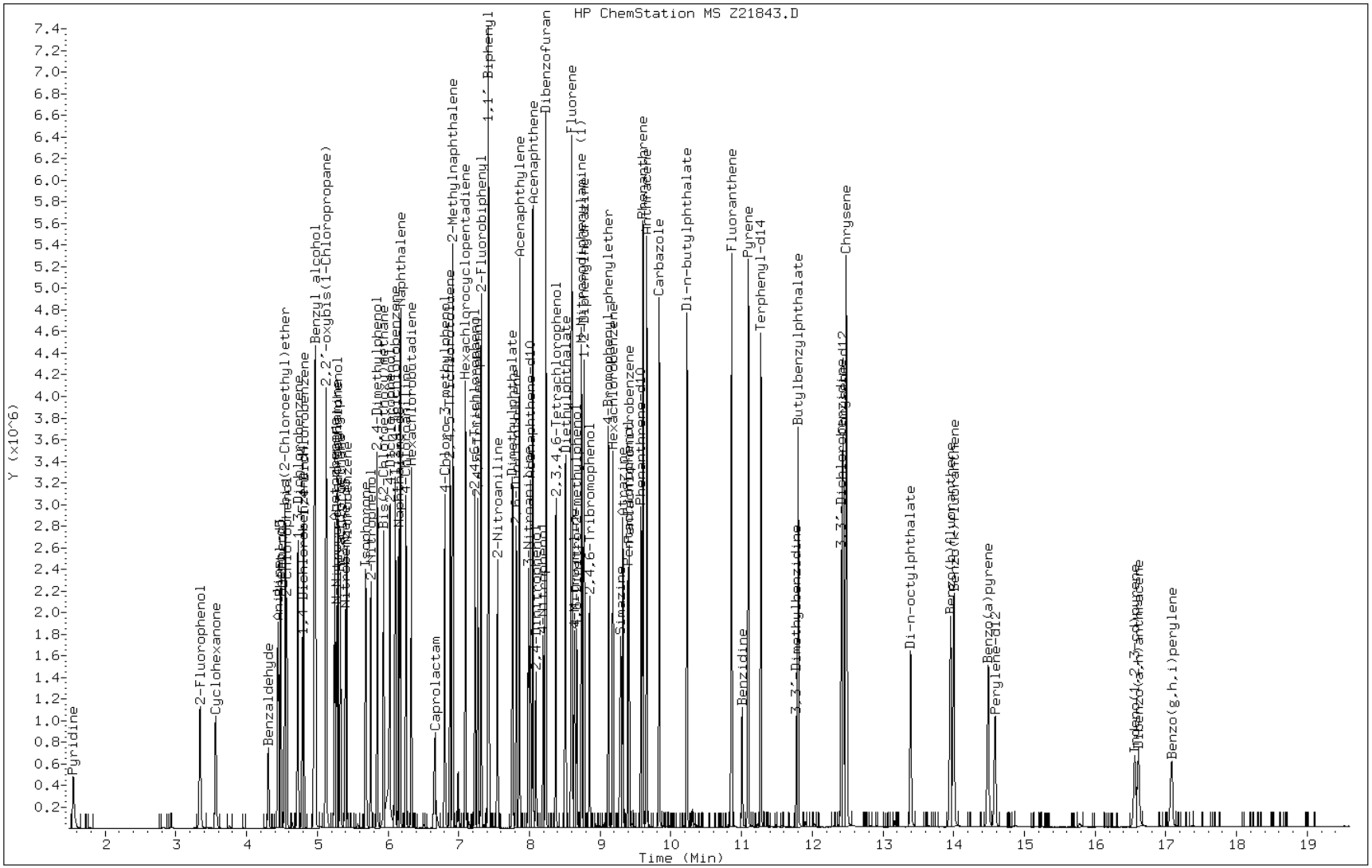
M - Compound response manually integrated.

Data File: Z21843.D

Date: 27-JUL-2011 07:33

Client ID: ICIS-641574 Instrument: msz.i

Sample Info: ICIS-641574 Operator: S.Jonas



Manual Integration Report

Data File: Z21843.D
Inj. Date and Time: 27-JUL-2011 07:33
Instrument ID: msz.i
Client ID: ICIS-641574
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

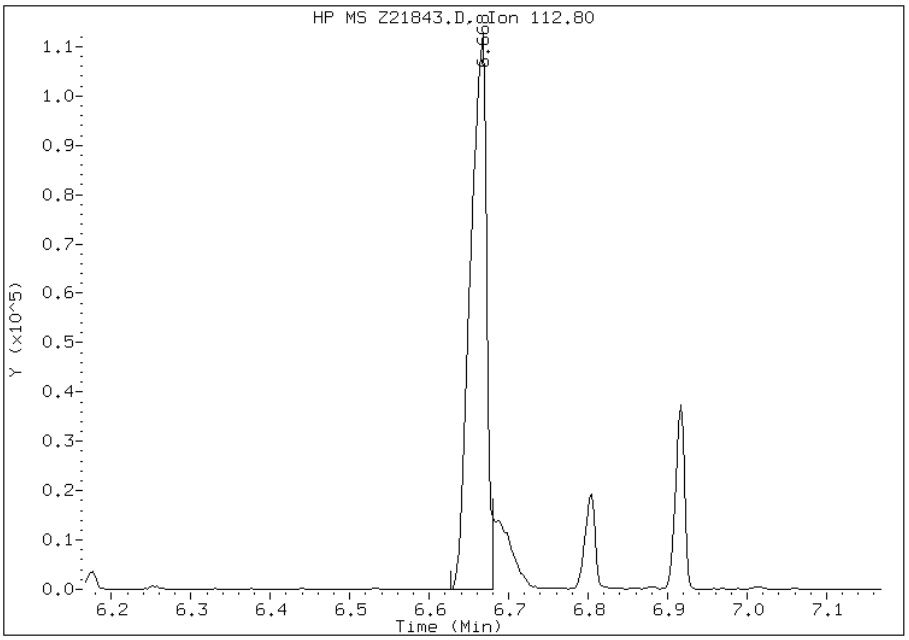
Processing Integration Results

RT: 6.67

Response: 165277

Amount: 40

Conc: 40



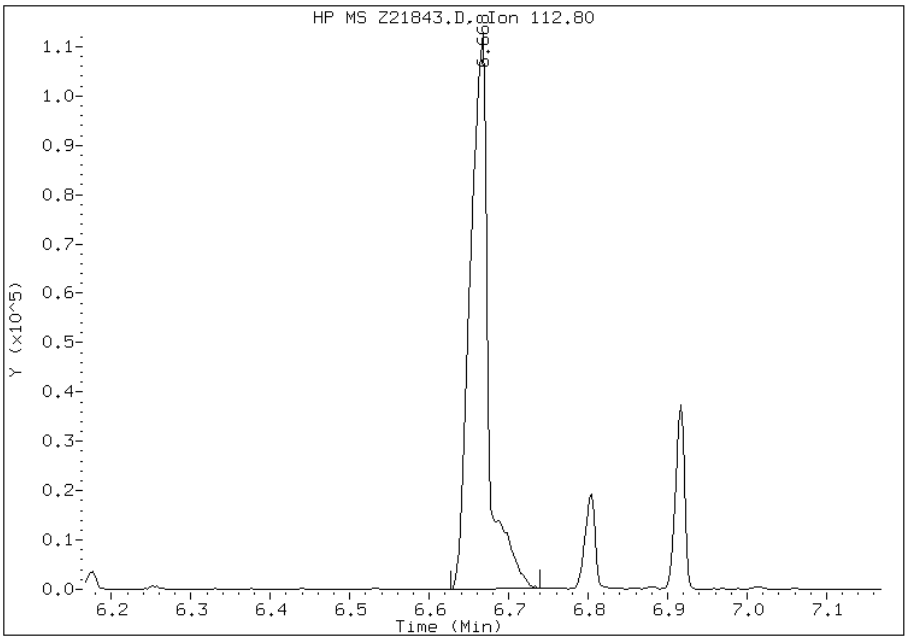
Manual Integration Results

RT: 6.67

Response: 185884

Amount: 43

Conc: 43



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21843.D
Inj. Date and Time: 27-JUL-2011 07:33
Instrument ID: msz.i
Client ID: ICIS-641574
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

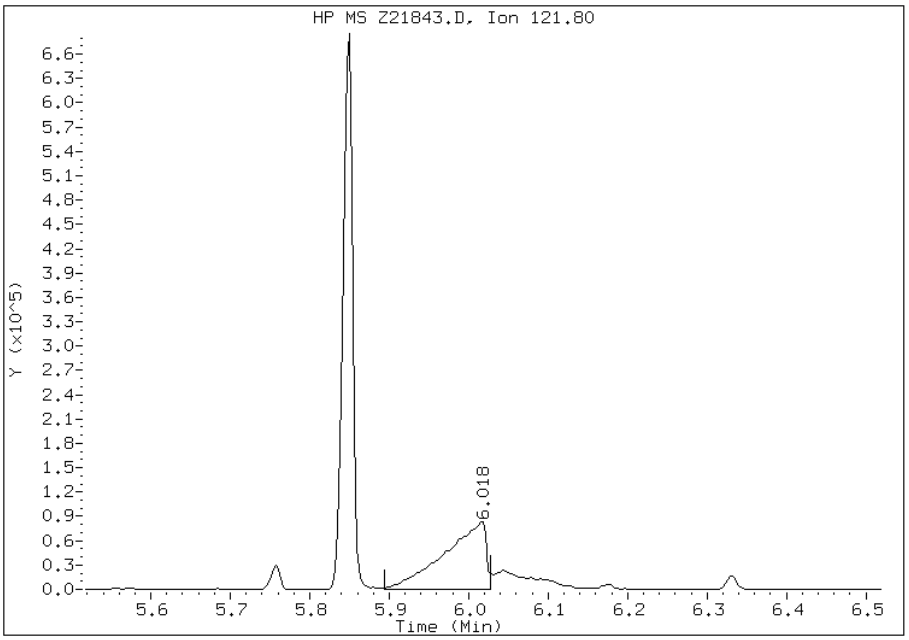
Processing Integration Results

RT: 6.02

Response: 303330

Amount: 40

Conc: 40



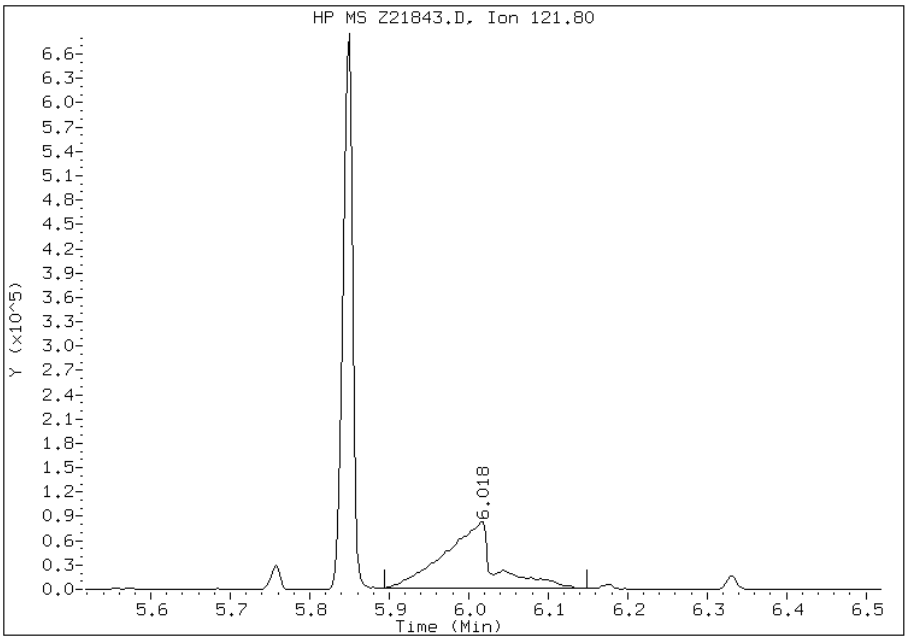
Manual Integration Results

RT: 6.02

Response: 366446

Amount: 49

Conc: 49



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21844.D
Lab Smp Id: IC-635513 Client Smp ID: IC-635513
Inj Date : 27-JUL-2011 08:01
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635513
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 08:01 Cal File: Z21844.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.787	4.787	(1.000)	281203	20.0000	
$ 2	2-Fluorophenol	112	3.339	3.339	(0.697)	25679	2.00000	2
$ 3	Phenol-d5	99	4.458	4.458	(0.931)	37963	2.00000	2
5	N-Nitrosodimethylamine	42	1.555	1.555	(0.325)	4964	2.00000	2(M)
6	Cyclohexanone	42	3.566	3.566	(0.745)	14886	2.00000	3
128	Benzaldehyde	77	4.309	4.309	(0.900)	9151	2.00000	1
7	Phenol	94	4.470	4.470	(0.934)	40982	2.00000	2
8	Aniline	93	4.439	4.439	(0.927)	44135	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.536	4.536	(0.947)	25099	2.00000	2
10	2-Chlorophenol	128	4.563	4.563	(0.953)	34568	2.00000	2
11	1,3-Dichlorobenzene	146	4.722	4.722	(0.986)	37680	2.00000	2
12	1,4-Dichlorobenzene	146	4.806	4.806	(1.004)	39121	2.00000	2
13	Benzyl alcohol	108	4.968	4.968	(1.038)	19901	2.00000	2
14	1,2-Dichlorobenzene	146	4.968	4.968	(1.038)	36931	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.071)	46019	2.00000	2
16	2-Methylphenol	108	5.114	5.114	(1.068)	31404	2.00000	2
92	Acetophenone	105	5.235	5.235	(1.093)	45644	2.00000	2
17	Hexachloroethane	117	5.328	5.328	(1.113)	16022	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.257	5.257	(1.098)	24468	2.00000	2
19	4-Methylphenol	108	5.281	5.281	(1.103)	33035	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.149	6.149	(1.000)	1260211	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.387	(0.876)	36618	2.00000	2
	22 Nitrobenzene	77	5.409	5.409	(0.880)	38164	2.00000	2
	23 Isophorone	82	5.673	5.673	(0.923)	65223	2.00000	2
	24 2-Nitrophenol	139	5.754	5.754	(0.936)	19277	2.00000	2
	25 2,4-Dimethylphenol	122	5.838	5.838	(0.949)	27082	2.00000	2
	26 Benzoic Acid	122	5.922	5.922	(0.963)	12596	2.00000	2
	27 Bis(2-Chloroethoxy)methane	93	5.931	5.931	(0.965)	42210	2.00000	2
	28 2,4-Dichlorophenol	162	6.015	6.015	(0.978)	27200	2.00000	2
	29 1,2,4-Trichlorobenzene	180	6.099	6.099	(0.992)	31210	2.00000	2
	30 Naphthalene	128	6.167	6.167	(1.003)	107870	2.00000	2
	31 4-Chloroaniline	127	6.248	6.248	(1.016)	38211	2.00000	2
	32 Hexachlorobutadiene	225	6.329	6.329	(1.029)	16978	2.00000	2
	129 Caprolactam	113	6.584	6.584	(1.071)	7543	2.00000	2(M)
	33 4-Chloro-3-methylphenol	107	6.789	6.789	(1.104)	28060	2.00000	2
	34 2-Methylnaphthalene	142	6.910	6.910	(1.124)	68781	2.00000	2
*	35 Acenaphthene-d10	164	8.010	8.010	(1.000)	745297	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.873	6.873	(1.436)	27765	2.00000	2
	37 Hexachlorocyclopentadiene	237	7.090	7.090	(0.885)	9507	2.00000	1
	38 2,4,6-Trichlorophenol	196	7.224	7.224	(0.902)	18116	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.258	7.258	(0.906)	46322	5.00000	4
$	40 2-Fluorobiphenyl	172	7.311	7.311	(0.913)	67945	2.00000	2
	130 1,1'-Biphenyl	154	7.411	7.411	(0.925)	80133	2.00000	2
	41 2-Chloronaphthalene	162	7.420	7.420	(0.926)	64837	2.00000	2
	42 2-Nitroaniline	65	7.538	7.538	(0.941)	18075	2.00000	2
	43 Acenaphthylene	152	7.855	7.855	(0.981)	102290	2.00000	2
	44 Dimethylphthalate	163	7.749	7.749	(0.967)	67952	2.00000	2
	45 2,6-Dinitrotoluene	165	7.802	7.802	(0.974)	15018	2.00000	2
	46 Acenaphthene	153	8.041	8.041	(1.004)	63463	2.00000	2
	47 3-Nitroaniline	138	7.973	7.973	(0.995)	16446	2.00000	2
	48 2,4-Dinitrophenol	184	8.082	8.082	(1.009)	6263	5.00000	8
	49 Dibenzofuran	168	8.225	8.225	(1.027)	89514	2.00000	2
	50 2,4-Dinitrotoluene	165	8.222	8.222	(1.026)	20564	2.00000	2
	51 4-Nitrophenol	109	8.178	8.178	(1.021)	17708	5.00000	4
	52 Fluorene	166	8.585	8.585	(1.072)	70619	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.598	8.598	(1.073)	33646	2.00000	2
	54 Diethylphthalate	149	8.498	8.498	(1.061)	68868	2.00000	2
	55 4-Nitroaniline	138	8.613	8.613	(1.075)	16116	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.840	8.840	(1.104)	20295	5.00000	4
*	57 Phenanthrene-d10	188	9.574	9.574	(1.000)	1187070	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.651	8.651	(0.904)	15677	5.00000	3
	59 N-Nitrosodiphenylamine (1)	169	8.725	8.725	(0.911)	48738	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.766	8.766	(0.916)	80329	2.00000	2
	61 4-Bromophenyl-phenylether	248	9.111	9.111	(0.952)	17236	2.00000	2
	131 Atrazine	200	9.303	9.303	(0.972)	14908	2.00000	2
	62 Hexachlorobenzene	284	9.173	9.173	(0.958)	19194	2.00000	2
	63 Pentachlorophenol	266	9.384	9.384	(0.980)	13052	5.00000	7
	64 Phenanthrene	178	9.596	9.596	(1.002)	98032	2.00000	2
	65 Carbazole	167	9.826	9.826	(1.026)	87708	2.00000	2
	66 Anthracene	178	9.648	9.648	(1.008)	96209	2.00000	2
	67 Di-n-butylphthalate	149	10.223	10.223	(1.068)	105359	2.00000	2
	68 Fluoranthene	202	10.851	10.851	(1.133)	92989	2.00000	2
*	70 Chrysene-d12	240	12.436	12.436	(1.000)	952995	20.0000	
	72 Pyrene	202	11.087	11.087	(0.892)	94565	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
$	73 Terphenyl-d14	244	11.268	11.268	(0.906)	61591	2.00000	2
	74 Butylbenzylphthalate	149	11.796	11.796	(0.949)	35925	2.00000	2
	75 3,3'-Dichlorobenzidine	252	12.399	12.399	(0.997)	19452	2.00000	2
	76 Benzo(a)anthracene	228	12.421	12.421	(0.999)	76918	2.00000	2
	77 Chrysene	228	12.464	12.464	(1.002)	73909	2.00000	2
	78 Bis(2-Ethylhexyl)phthalate	149	12.486	12.486	(1.004)	39848	2.00000	2
*	79 Perylene-d12	264	14.584	14.584	(1.000)	656730	20.0000	
	80 Di-n-octylphthalate	149	13.384	13.384	(0.918)	37436	2.00000	3(M)
	81 Benzo(b)fluoranthene	252	13.941	13.941	(0.956)	53640	2.00000	2
	82 Benzo(k)fluoranthene	252	13.981	13.981	(0.959)	56679	2.00000	2
	83 Benzo(a)pyrene	252	14.475	14.475	(0.993)	42522	2.00000	2
	84 Indeno(1,2,3-cd)pyrene	276	16.545	16.545	(1.134)	25756	2.00000	2(M)
	85 Dibenzo(a,h)anthracene	278	16.601	16.601	(1.138)	23980	2.00000	2(M)
	86 Benzo(g,h,i)perylene	276	17.058	17.058	(1.170)	25513	2.00000	2(M)
	167 Simazine	201	9.263	9.263	(0.968)	9781	2.00000	3(H)
	103 1,2,4,5-Tetrachlorobenzene	216	7.093	7.093	(0.886)	13624	2.00000	2
	109 2,3,4,6-Tetrachlorophenol	232	8.368	8.368	(1.045)	12224	2.00000	2
	119 Pentachloronitrobenzene	237	9.400	9.400	(0.982)	7082	2.00000	2

QC Flag Legend

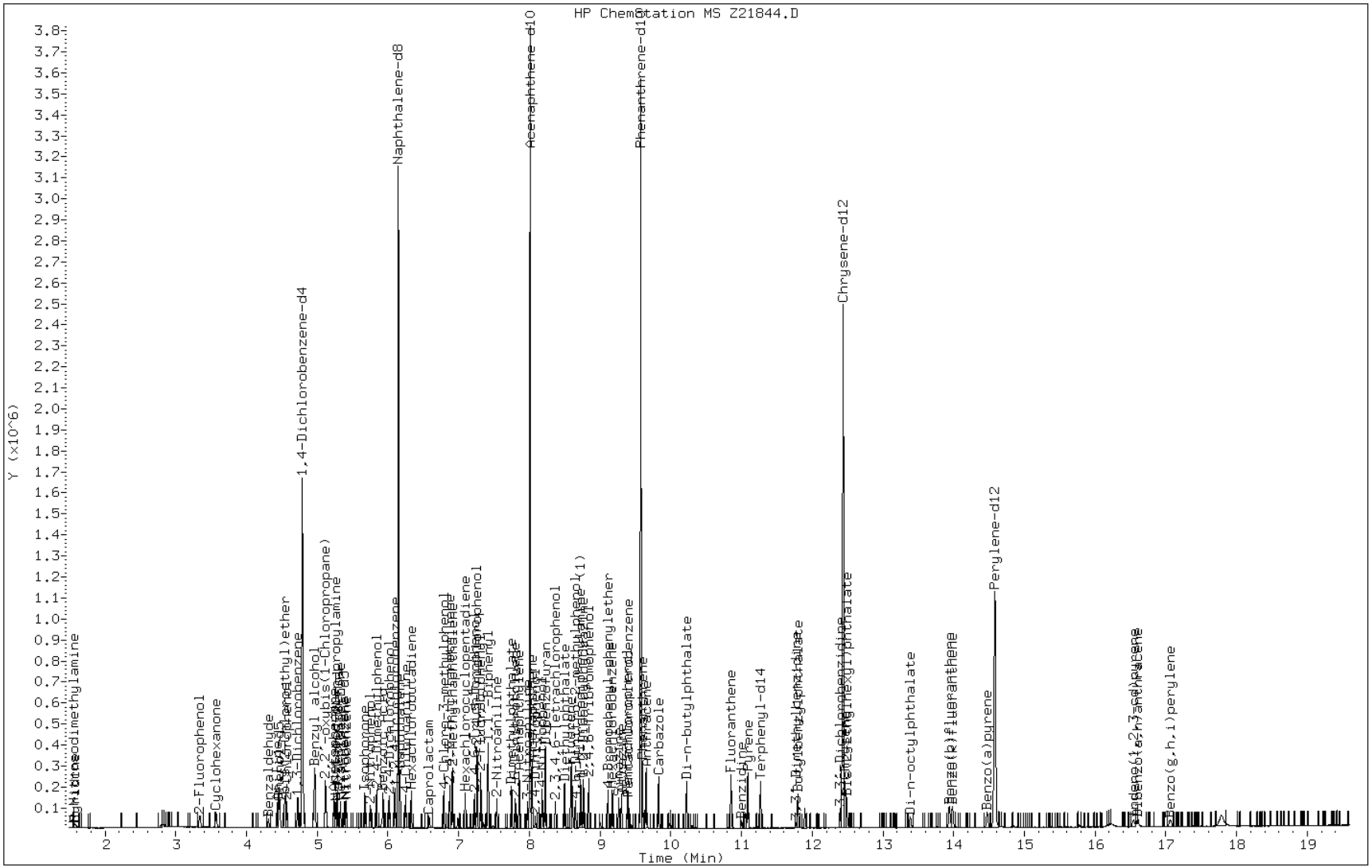
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21844.D

Date: 27-JUL-2011 08:01

Client ID: IC-635513 Instrument: msz.i

Sample Info: IC-635513 Operator: S.Jonas



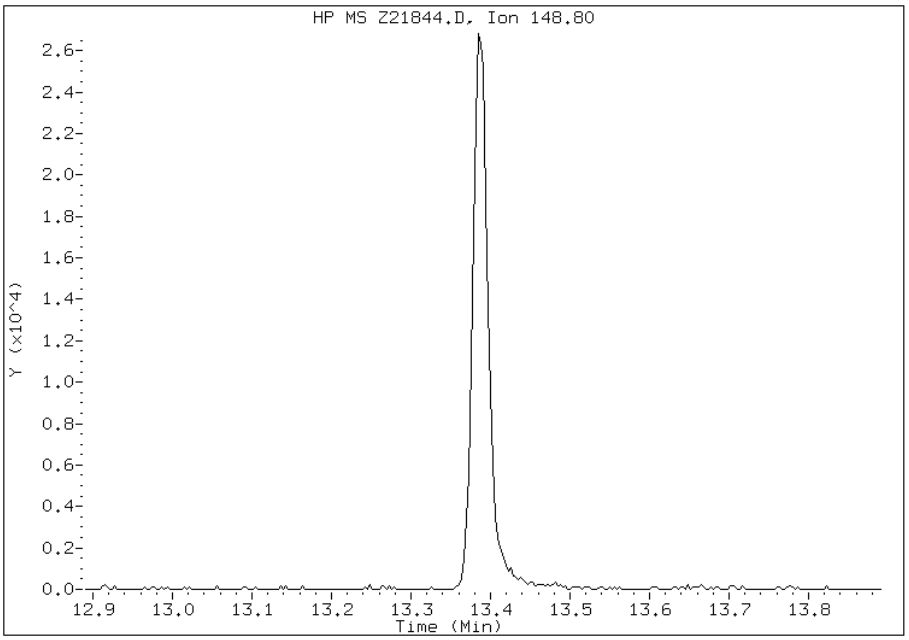
Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 07/28/2011

Processing Integration Results

Not Detected

Expected RT: 13.39



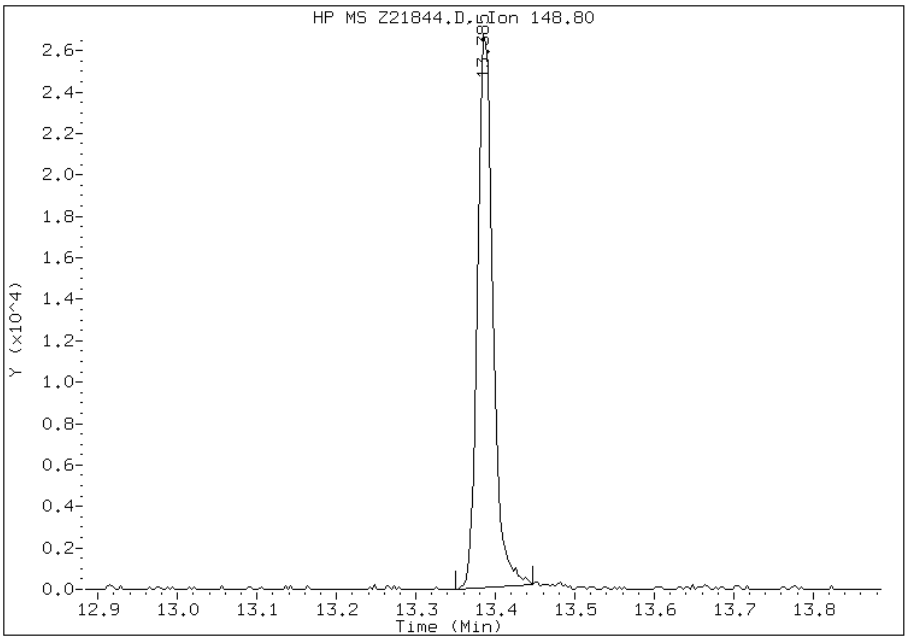
Manual Integration Results

RT: 13.38

Response: 37436

Amount: 3

Conc: 3



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 07/28/2011

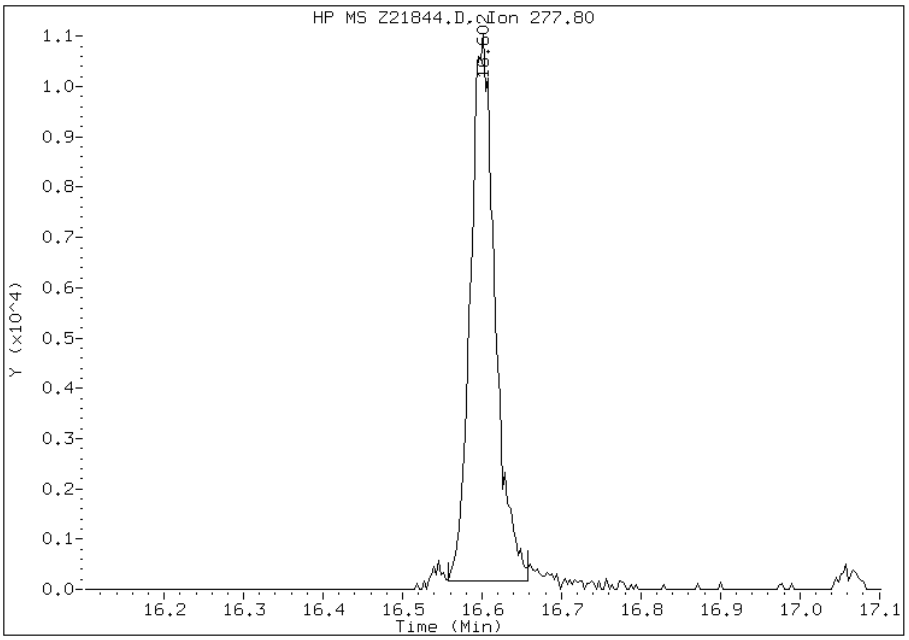
Processing Integration Results

RT: 16.60

Response: 23980

Amount: 2

Conc: 2



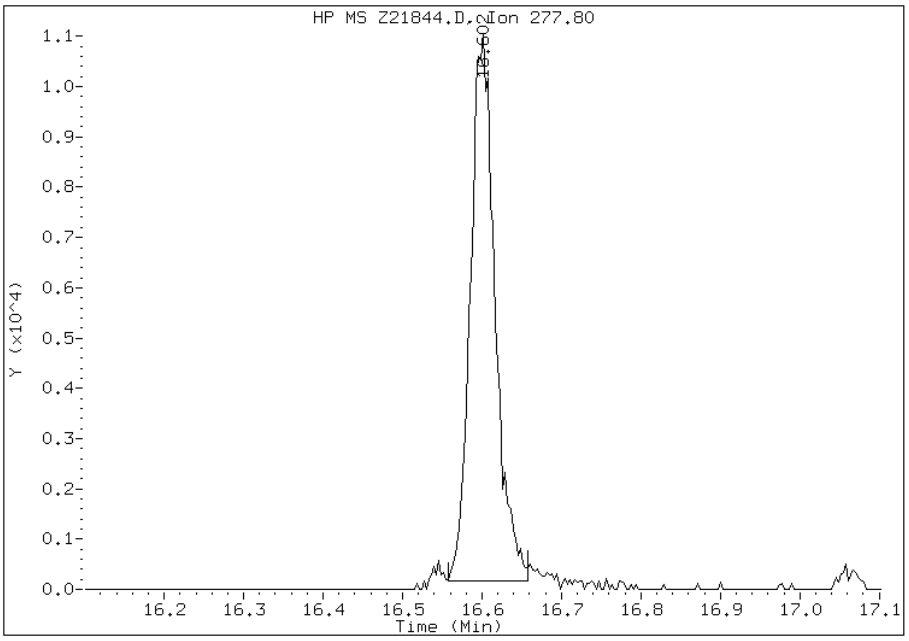
Manual Integration Results

RT: 16.60

Response: 23980

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 07/28/2011

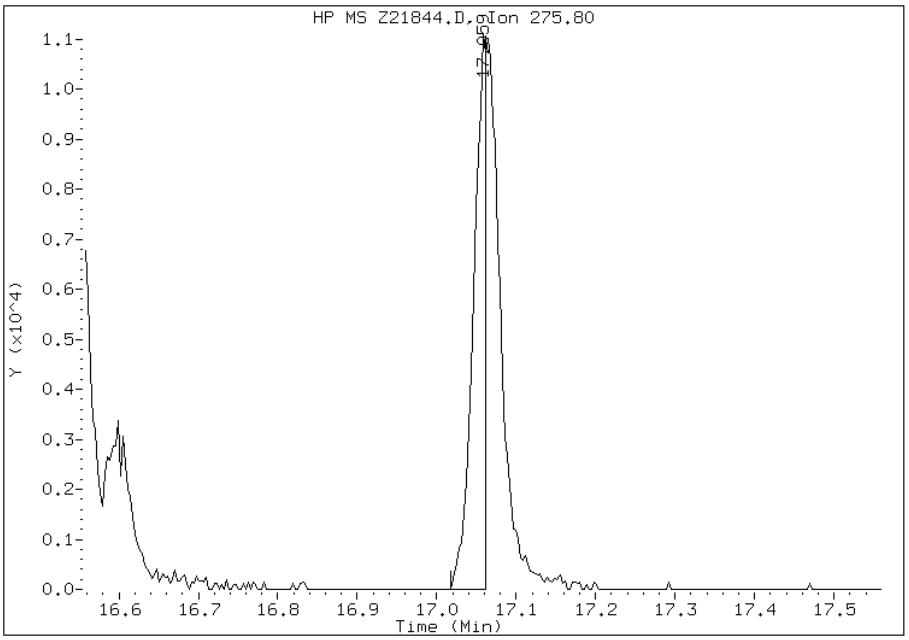
Processing Integration Results

RT: 17.06

Response: 12545

Amount: 1

Conc: 1



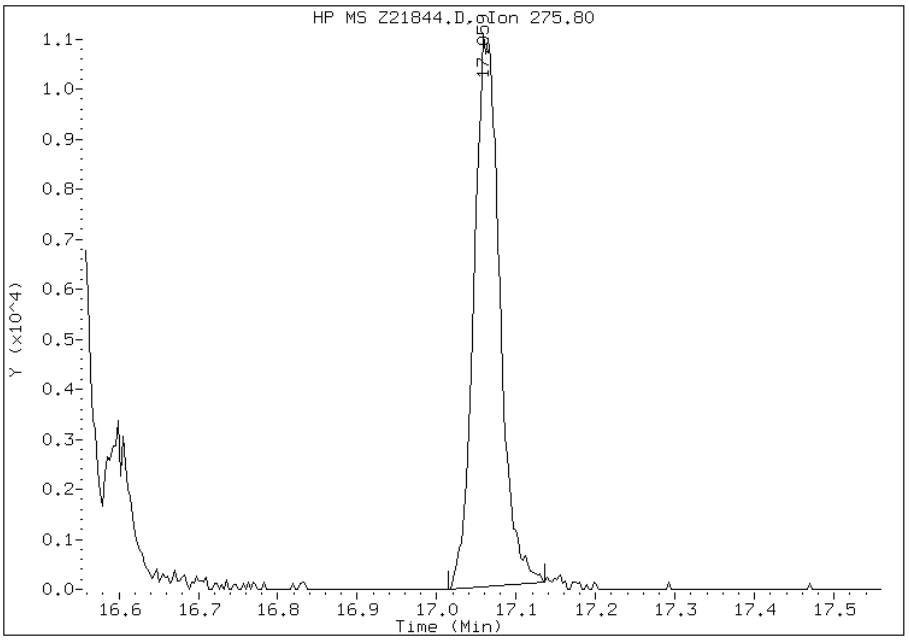
Manual Integration Results

RT: 17.06

Response: 25513

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 84 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 07/28/2011

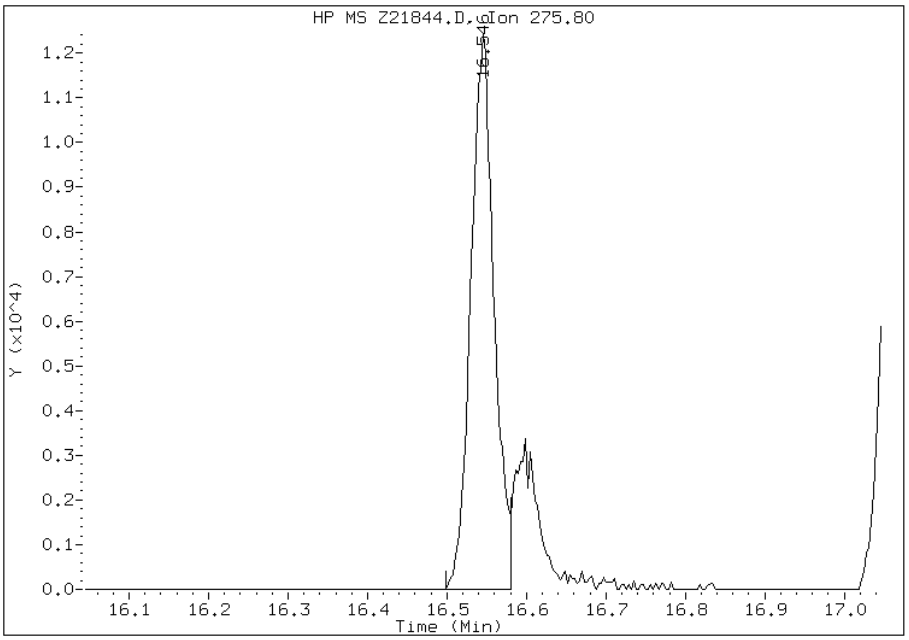
Processing Integration Results

RT: 16.55

Response: 25756

Amount: 2

Conc: 2



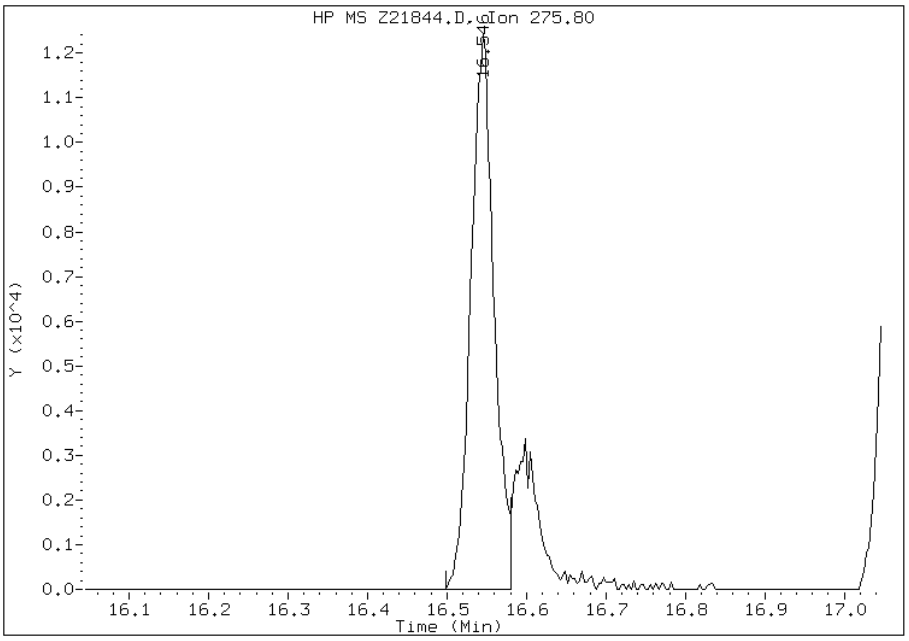
Manual Integration Results

RT: 16.55

Response: 25756

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 07/28/2011

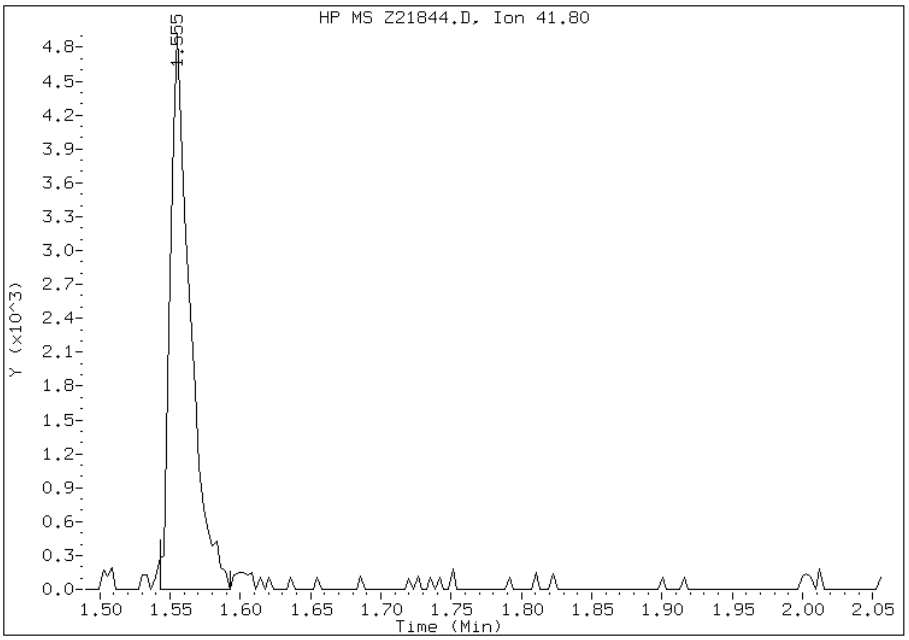
Processing Integration Results

RT: 1.56

Response: 4944

Amount: 2

Conc: 2



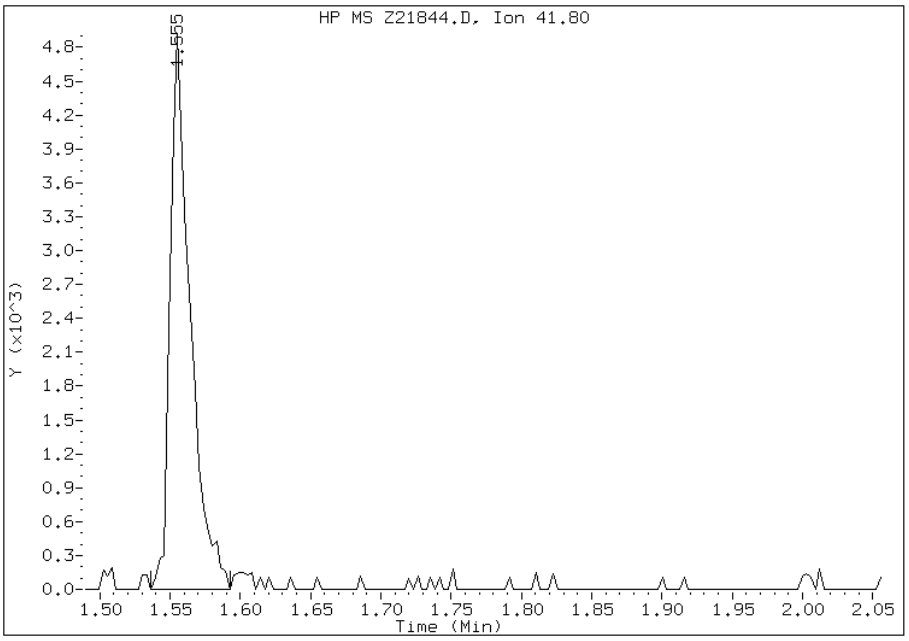
Manual Integration Results

RT: 1.56

Response: 4964

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/28/2011

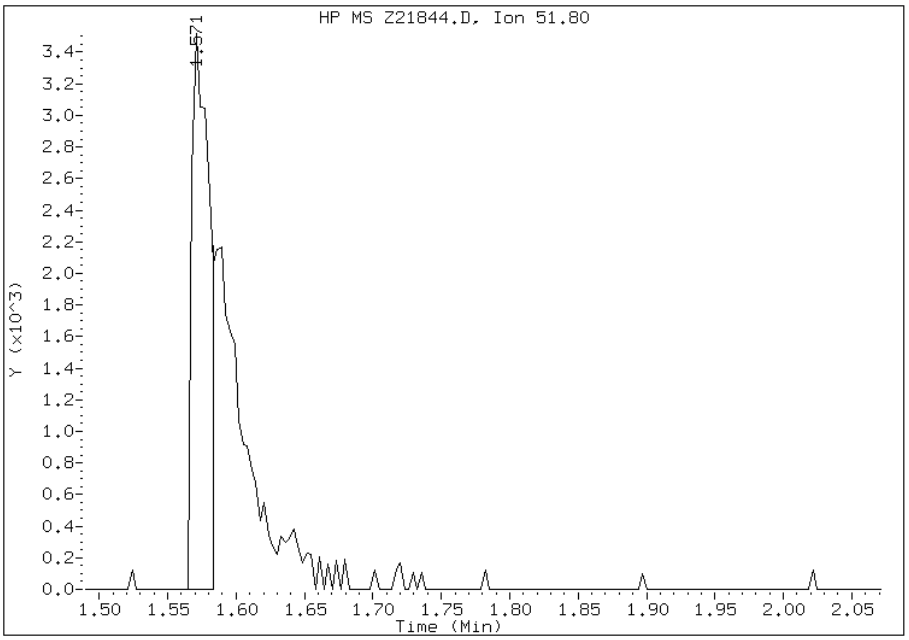
Processing Integration Results

RT: 1.57

Response: 3163

Amount: 1

Conc: 1



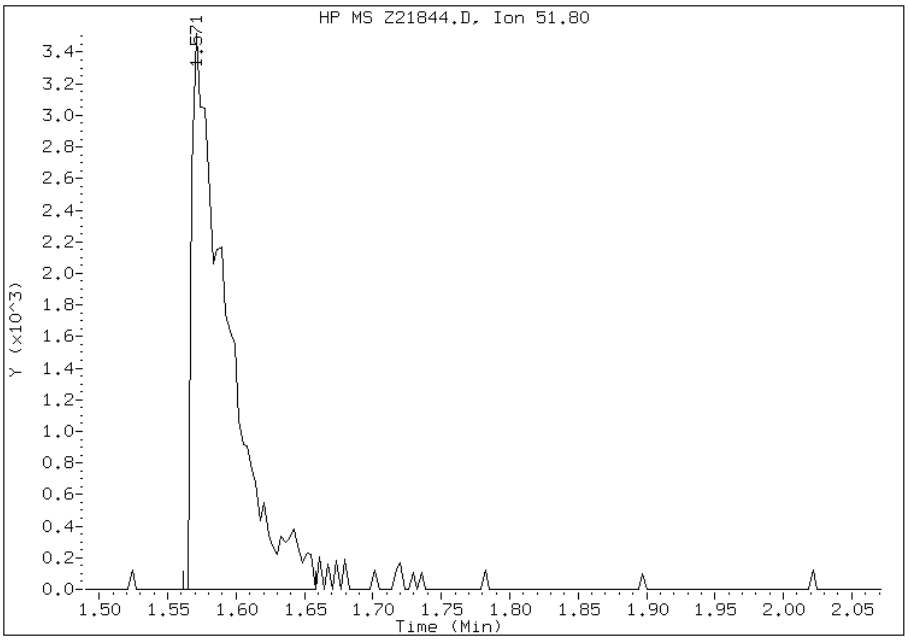
Manual Integration Results

RT: 1.57

Response: 6452

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/28/2011

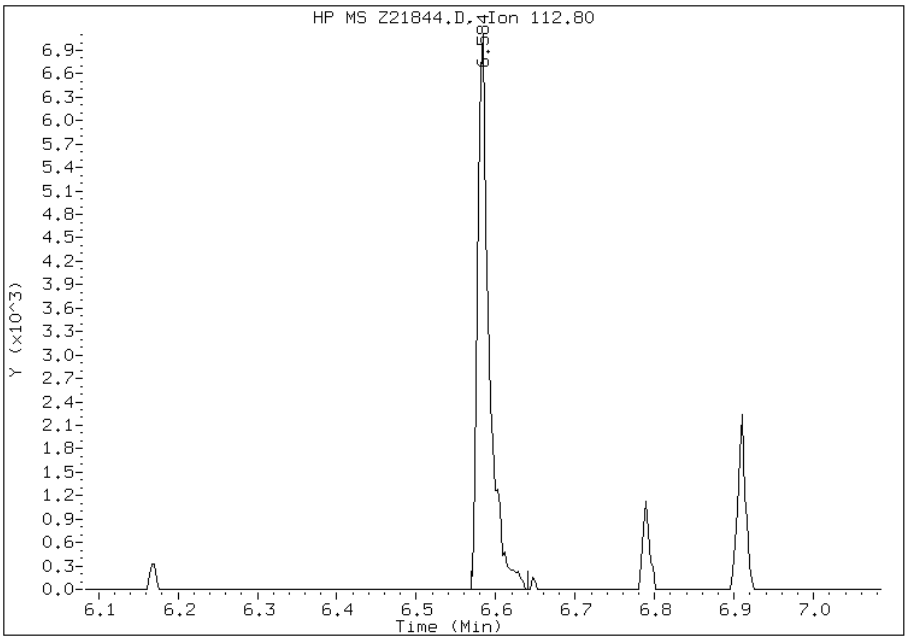
Processing Integration Results

RT: 6.58

Response: 7543

Amount: 2

Conc: 2



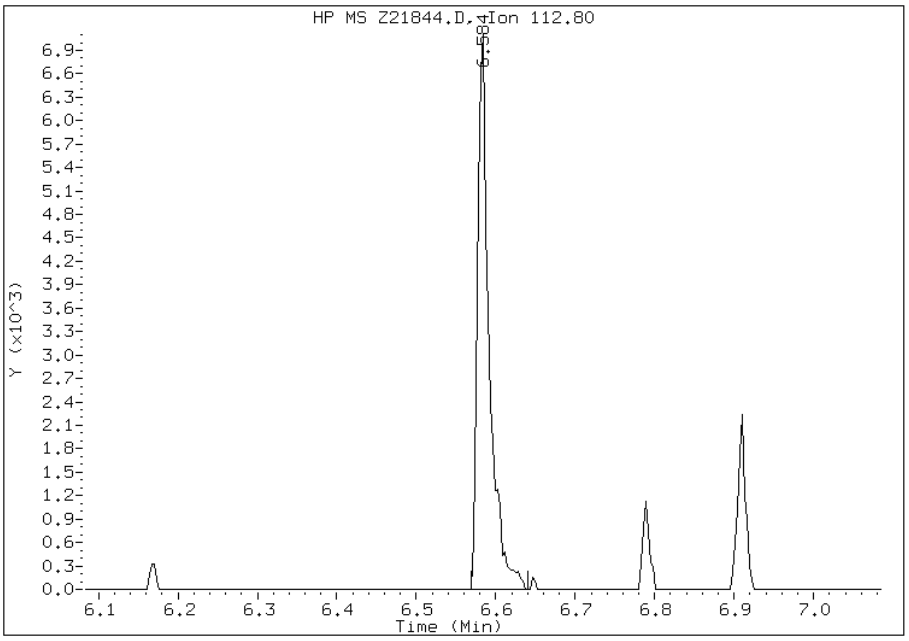
Manual Integration Results

RT: 6.58

Response: 7543

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

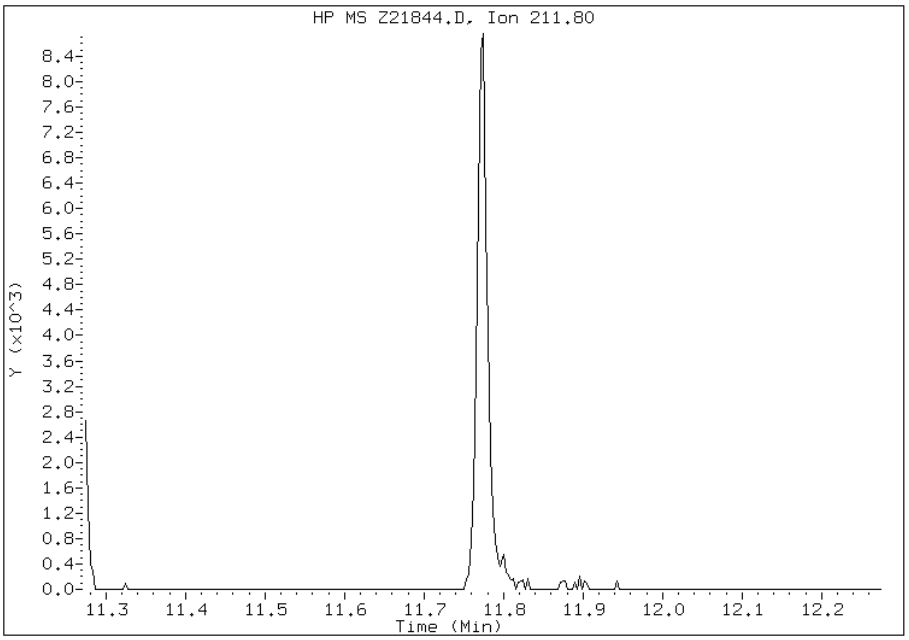
Manual Integration Report

Data File: Z21844.D
Inj. Date and Time: 27-JUL-2011 08:01
Instrument ID: msz.i
Client ID: IC-635513
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 07/28/2011

Processing Integration Results

Not Detected

Expected RT: 11.77



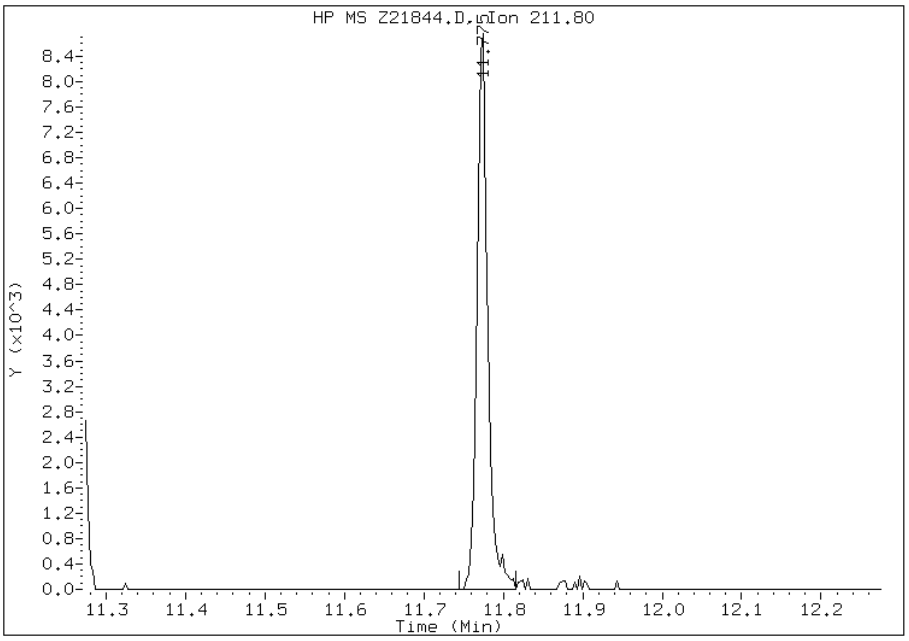
Manual Integration Results

RT: 11.77

Response: 8544

Amount: 1

Conc: 1



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21845.D
Lab Smp Id: IC-635514 Client Smp ID: IC-635514
Inj Date : 27-JUL-2011 08:30
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635514
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 08:30 Cal File: Z21845.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.787	4.787	(1.000)	281624	20.0000	
$ 2	2-Fluorophenol	112	3.339	3.339	(0.697)	50144	4.00000	4
$ 3	Phenol-d5	99	4.458	4.458	(0.931)	74059	4.00000	4
4	Pyridine	52	1.561	1.561	(0.326)	12392	4.00000	4(M)
5	N-Nitrosodimethylamine	42	1.549	1.549	(0.324)	9591	4.00000	4
6	Cyclohexanone	42	3.566	3.566	(0.745)	27679	4.00000	5
128	Benzaldehyde	77	4.305	4.305	(0.899)	45854	4.00000	7
7	Phenol	94	4.470	4.470	(0.934)	82204	4.00000	4
8	Aniline	93	4.439	4.439	(0.927)	91604	4.00000	4
9	bis(2-Chloroethyl)ether	63	4.535	4.535	(0.947)	49083	4.00000	4
10	2-Chlorophenol	128	4.563	4.563	(0.953)	67716	4.00000	4
11	1,3-Dichlorobenzene	146	4.722	4.722	(0.986)	75765	4.00000	4
12	1,4-Dichlorobenzene	146	4.806	4.806	(1.004)	76312	4.00000	4
13	Benzyl alcohol	108	4.964	4.964	(1.037)	40416	4.00000	4
14	1,2-Dichlorobenzene	146	4.967	4.967	(1.038)	72979	4.00000	4
15	2,2'-oxybis(1-Chloropropane)	45	5.123	5.123	(1.070)	89034	4.00000	4
16	2-Methylphenol	108	5.114	5.114	(1.068)	61079	4.00000	4
92	Acetophenone	105	5.235	5.235	(1.093)	88613	4.00000	4
17	Hexachloroethane	117	5.325	5.325	(1.112)	30064	4.00000	4
18	N-Nitroso-di-n-propylamine	70	5.257	5.257	(1.098)	48523	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
19	4-Methylphenol	108	5.281	5.281	(1.103)	65828	4.00000	4
* 20	Naphthalene-d8	136	6.149	6.149	(1.000)	1278007	20.0000	
$ 21	Nitrobenzene-d5	82	5.387	5.387	(0.876)	71075	4.00000	4
22	Nitrobenzene	77	5.406	5.406	(0.879)	74099	4.00000	4
23	Isophorone	82	5.673	5.673	(0.923)	128875	4.00000	4
24	2-Nitrophenol	139	5.751	5.751	(0.935)	38402	4.00000	4
25	2,4-Dimethylphenol	122	5.838	5.838	(0.949)	54663	4.00000	4
26	Benzoic Acid	122	5.947	5.947	(0.967)	39757	10.0000	6
27	Bis(2-Chloroethoxy)methane	93	5.928	5.928	(0.964)	83304	4.00000	4
28	2,4-Dichlorophenol	162	6.015	6.015	(0.978)	54401	4.00000	4
29	1,2,4-Trichlorobenzene	180	6.096	6.096	(0.991)	62418	4.00000	4
30	Naphthalene	128	6.167	6.167	(1.003)	207405	4.00000	4
31	4-Chloroaniline	127	6.248	6.248	(1.016)	80715	4.00000	4
32	Hexachlorobutadiene	225	6.329	6.329	(1.029)	33381	4.00000	4
129	Caprolactam	113	6.590	6.590	(1.072)	16155	4.00000	4
33	4-Chloro-3-methylphenol	107	6.789	6.789	(1.104)	56760	4.00000	4
34	2-Methylnaphthalene	142	6.910	6.910	(1.124)	134997	4.00000	4
* 35	Acenaphthene-d10	164	8.010	8.010	(1.000)	756269	20.0000	
36	2,4,5-Trichlorotoluene	159	6.873	6.873	(1.436)	54019	4.00000	4
37	Hexachlorocyclopentadiene	237	7.090	7.090	(0.885)	23491	4.00000	3
38	2,4,6-Trichlorophenol	196	7.224	7.224	(0.902)	36180	4.00000	4
39	2,4,5-Trichlorophenol	196	7.258	7.258	(0.906)	96412	10.0000	9
$ 40	2-Fluorobiphenyl	172	7.311	7.311	(0.913)	136534	4.00000	4
130	1,1'-Biphenyl	154	7.410	7.410	(0.925)	159101	4.00000	4
41	2-Chloronaphthalene	162	7.420	7.420	(0.926)	127884	4.00000	4
42	2-Nitroaniline	65	7.538	7.538	(0.941)	37166	4.00000	4
43	Acenaphthylene	152	7.855	7.855	(0.981)	204671	4.00000	4
44	Dimethylphthalate	163	7.749	7.749	(0.967)	135938	4.00000	4
45	2,6-Dinitrotoluene	165	7.802	7.802	(0.974)	30678	4.00000	4
46	Acenaphthene	153	8.041	8.041	(1.004)	127336	4.00000	4
47	3-Nitroaniline	138	7.973	7.973	(0.995)	35018	4.00000	4
48	2,4-Dinitrophenol	184	8.085	8.085	(1.009)	21234	10.0000	11
49	Dibenzofuran	168	8.225	8.225	(1.027)	176777	4.00000	4
50	2,4-Dinitrotoluene	165	8.222	8.222	(1.026)	43033	4.00000	4
51	4-Nitrophenol	109	8.181	8.181	(1.021)	38100	10.0000	8
52	Fluorene	166	8.585	8.585	(1.072)	142388	4.00000	4
53	4-Chlorophenyl-phenylether	204	8.601	8.601	(1.074)	67180	4.00000	4
54	Diethylphthalate	149	8.498	8.498	(1.061)	138577	4.00000	4
55	4-Nitroaniline	138	8.613	8.613	(1.075)	32856	4.00000	4
$ 56	2,4,6-Tribromophenol	330	8.840	8.840	(1.104)	43884	10.0000	9
* 57	Phenanthrene-d10	188	9.574	9.574	(1.000)	1207294	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.651	8.651	(0.904)	41359	10.0000	7
59	N-Nitrosodiphenylamine (1)	169	8.725	8.725	(0.911)	98148	4.00000	4
60	1,2-Diphenylhydrazine	77	8.766	8.766	(0.916)	161245	4.00000	4
61	4-Bromophenyl-phenylether	248	9.111	9.111	(0.952)	35111	4.00000	4
131	Atrazine	200	9.303	9.303	(0.972)	30195	4.00000	4
62	Hexachlorobenzene	284	9.173	9.173	(0.958)	38941	4.00000	4
63	Pentachlorophenol	266	9.387	9.387	(0.981)	36046	10.0000	10
64	Phenanthrene	178	9.595	9.595	(1.002)	195474	4.00000	4
65	Carbazole	167	9.829	9.829	(1.027)	176680	4.00000	4
66	Anthracene	178	9.648	9.648	(1.008)	197220	4.00000	4
67	Di-n-butylphthalate	149	10.223	10.223	(1.068)	217765	4.00000	4
68	Fluoranthene	202	10.851	10.851	(1.133)	191916	4.00000	4
* 70	Chrysene-d12	240	12.436	12.436	(1.000)	970365	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
72	Pyrene	202	11.087	11.087	(0.892)	192784	4.00000	4
$ 73	Terphenyl-d14	244	11.268	11.268	(0.906)	126109	4.00000	4
74	Butylbenzylphthalate	149	11.796	11.796	(0.949)	74747	4.00000	4
75	3,3'-Dichlorobenzidine	252	12.399	12.399	(0.997)	41774	4.00000	4
76	Benzo(a)anthracene	228	12.421	12.421	(0.999)	154767	4.00000	4
77	Chrysene	228	12.464	12.464	(1.002)	148932	4.00000	4
78	Bis(2-Ethylhexyl)phthalate	149	12.486	12.486	(1.004)	81067	4.00000	3
* 79	Perylene-d12	264	14.584	14.584	(1.000)	663553	20.0000	
80	Di-n-octylphthalate	149	13.387	13.387	(0.918)	78893	4.00000	4
81	Benzo(b)fluoranthene	252	13.941	13.941	(0.956)	109190	4.00000	4
82	Benzo(k)fluoranthene	252	13.984	13.984	(0.959)	112794	4.00000	3(M)
83	Benzo(a)pyrene	252	14.472	14.472	(0.992)	84819	4.00000	4
84	Indeno(1,2,3-cd)pyrene	276	16.542	16.542	(1.134)	50511	4.00000	4
85	Dibenzo(a,h)anthracene	278	16.601	16.601	(1.138)	44207	4.00000	3(M)
86	Benzo(g,h,i)perylene	276	17.061	17.061	(1.170)	51617	4.00000	4(M)
167	Simazine	201	9.266	9.266	(0.968)	19432	4.00000	5(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.093	7.093	(0.886)	26922	5.00000	4
109	2,3,4,6-Tetrachlorophenol	232	8.365	8.365	(1.044)	26340	5.00000	4
119	Pentachloronitrobenzene	237	9.400	9.400	(0.982)	15664	4.00000	4

QC Flag Legend

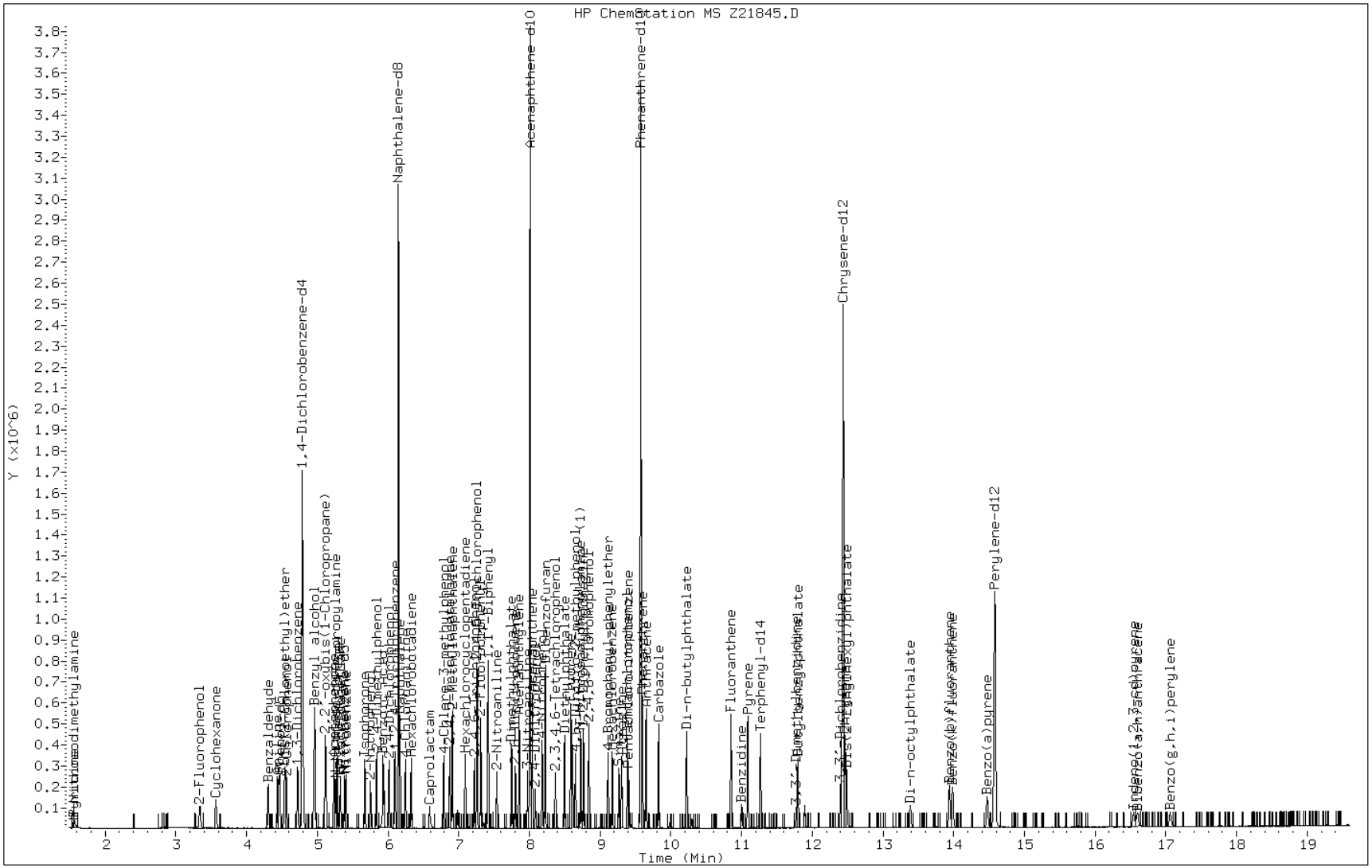
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21845.D

Date: 27-JUL-2011 08:30

Client ID: IC-635514 Instrument: msz.i

Sample Info: IC-635514 Operator: S.Jonas



Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 82 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 07/27/2011

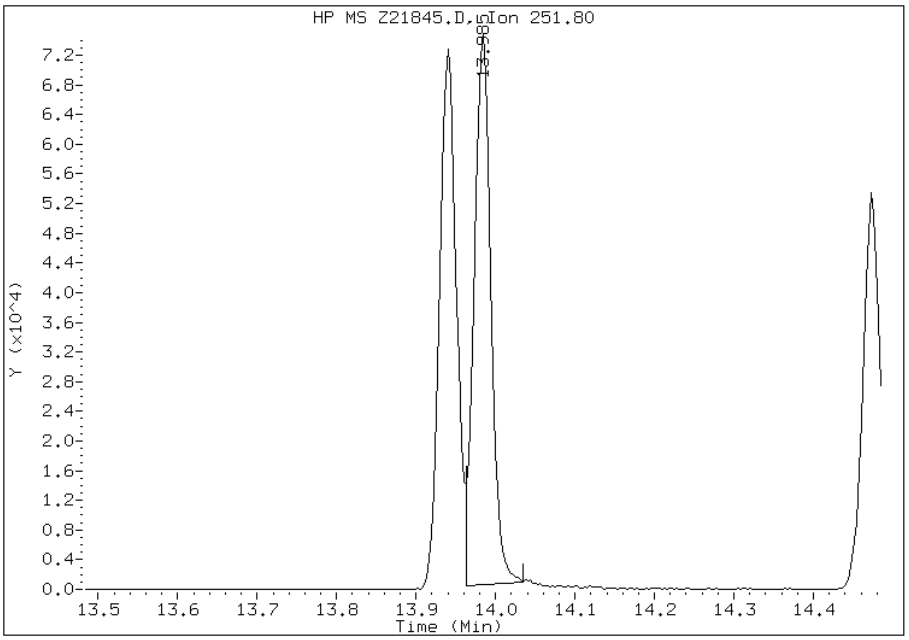
Processing Integration Results

RT: 13.98

Response: 112794

Amount: 3

Conc: 3



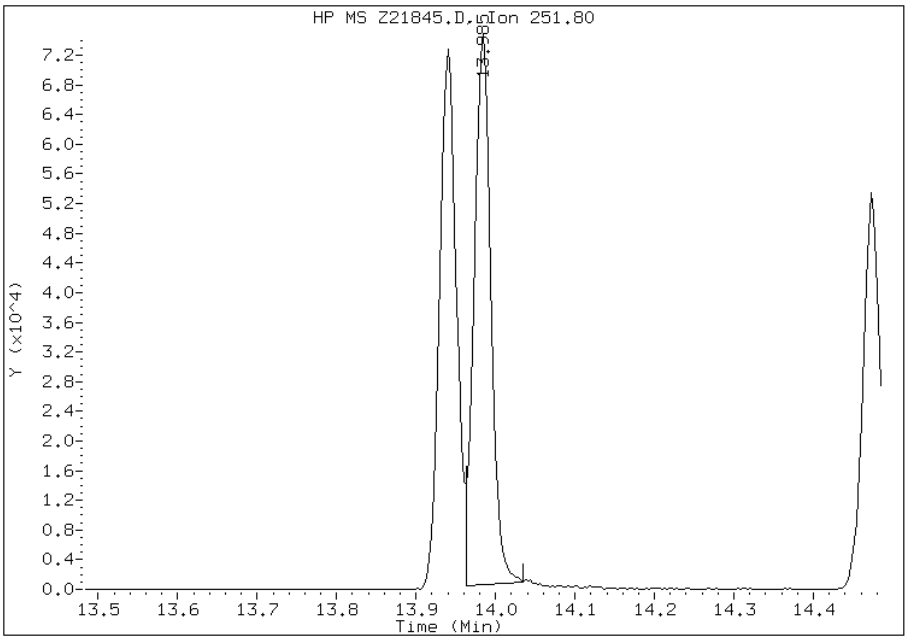
Manual Integration Results

RT: 13.98

Response: 112794

Amount: 3

Conc: 3



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/27/2011

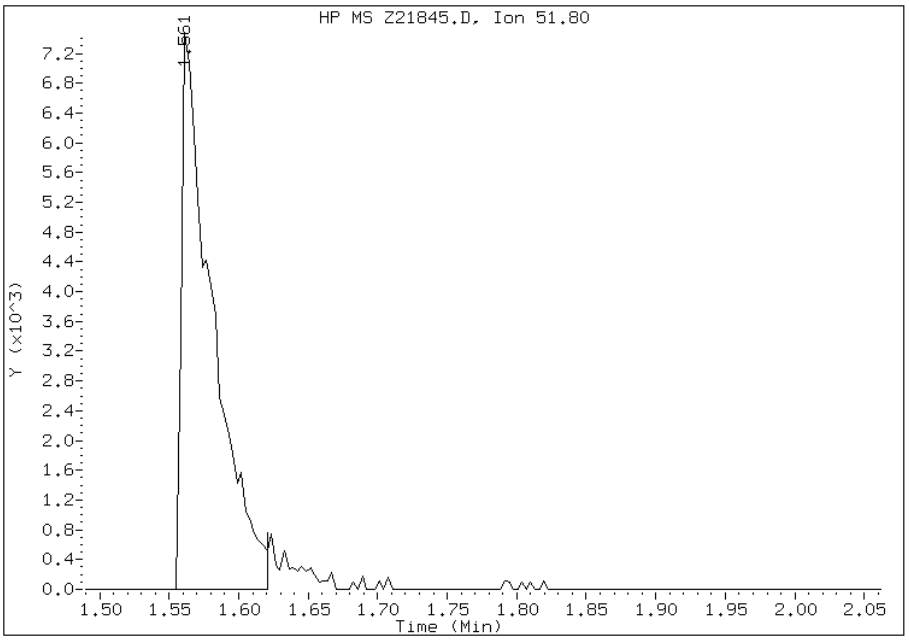
Processing Integration Results

RT: 1.56

Response: 11601

Amount: 4

Conc: 4



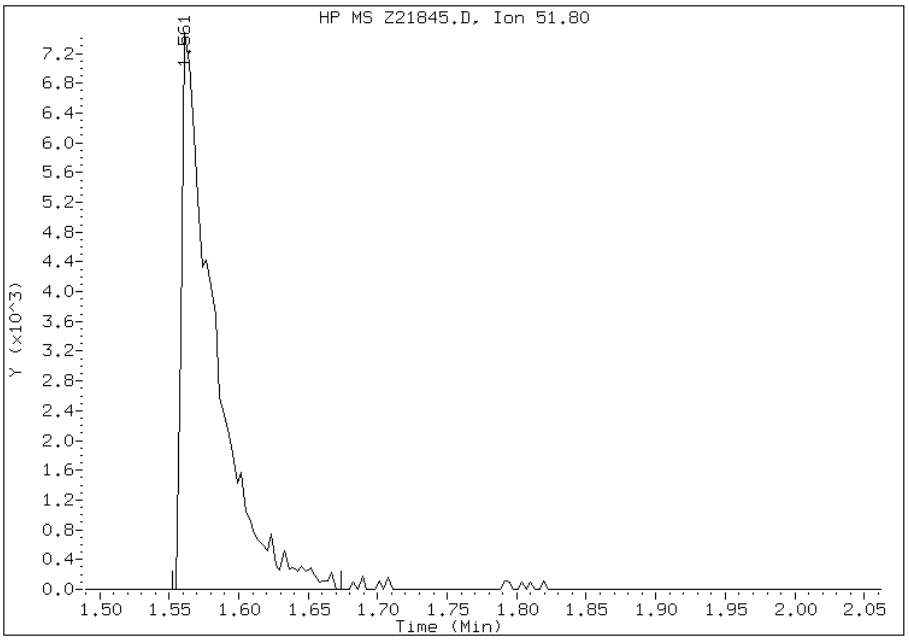
Manual Integration Results

RT: 1.56

Response: 12392

Amount: 4

Conc: 4



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 07/27/2011

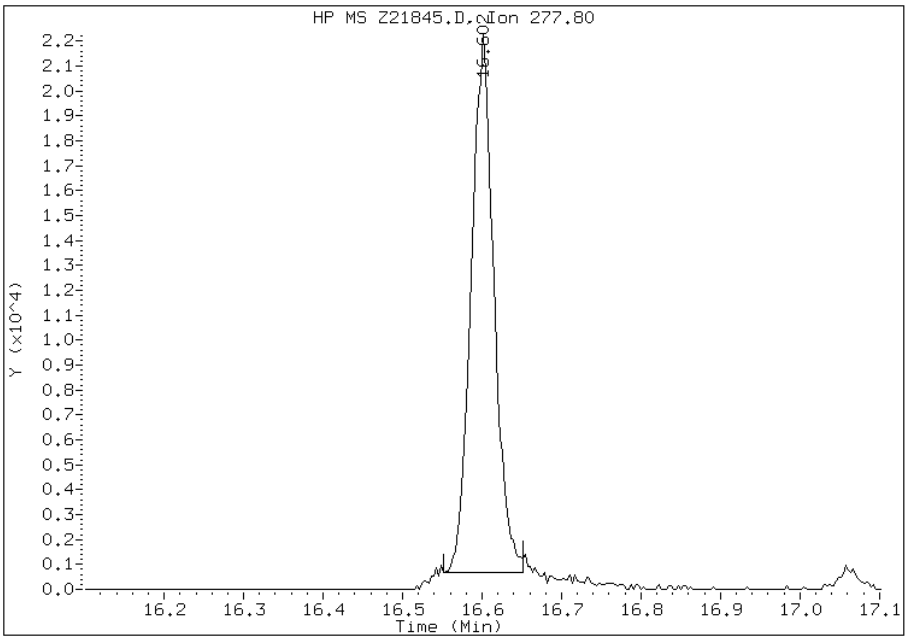
Processing Integration Results

RT: 16.60

Response: 44207

Amount: 3

Conc: 3



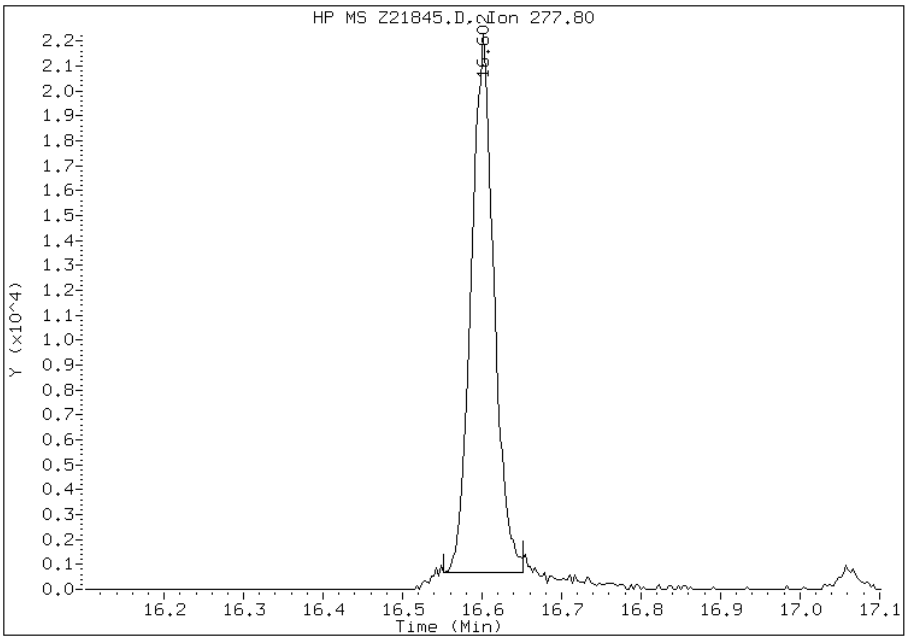
Manual Integration Results

RT: 16.60

Response: 44207

Amount: 3

Conc: 3



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21845.D
Inj. Date and Time: 27-JUL-2011 08:30
Instrument ID: msz.i
Client ID: IC-635514
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 07/27/2011

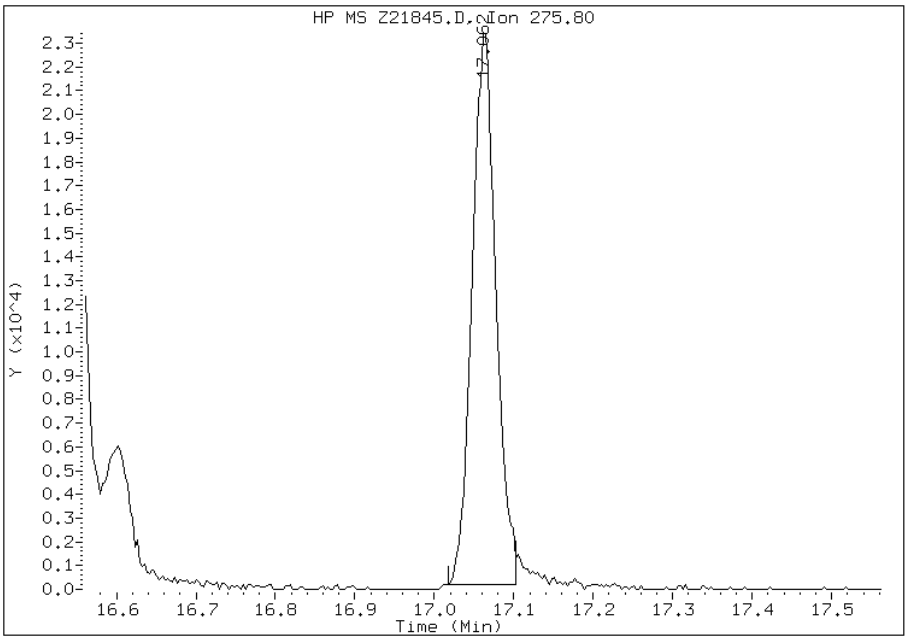
Processing Integration Results

RT: 17.06

Response: 49522

Amount: 4

Conc: 4



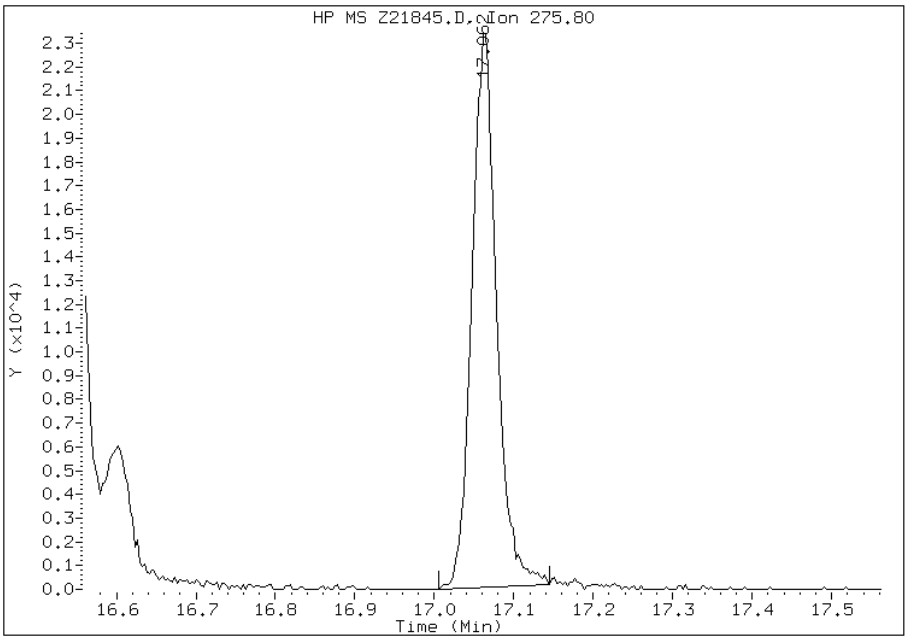
Manual Integration Results

RT: 17.06

Response: 51617

Amount: 4

Conc: 4



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21846.D
Lab Smp Id: IC-635515 Client Smp ID: IC-635515
Inj Date : 27-JUL-2011 08:58
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635515
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 08:58 Cal File: Z21846.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.784	4.784	(1.000)	281657	20.0000	
$ 2	2-Fluorophenol	112	3.336	3.336	(0.697)	131009	10.0000	10
$ 3	Phenol-d5	99	4.458	4.458	(0.932)	190438	10.0000	10
4	Pyridine	52	1.558	1.558	(0.326)	30041	10.0000	9
5	N-Nitrosodimethylamine	42	1.549	1.549	(0.324)	24870	10.0000	10
6	Cyclohexanone	42	3.559	3.559	(0.744)	64346	10.0000	12
128	Benzaldehyde	77	4.302	4.302	(0.899)	104822	10.0000	15
7	Phenol	94	4.470	4.470	(0.934)	207024	10.0000	10
8	Aniline	93	4.436	4.436	(0.927)	223828	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.532	4.532	(0.947)	121689	10.0000	10
10	2-Chlorophenol	128	4.560	4.560	(0.953)	174968	10.0000	10
11	1,3-Dichlorobenzene	146	4.719	4.719	(0.986)	190464	10.0000	10
12	1,4-Dichlorobenzene	146	4.803	4.803	(1.004)	195156	10.0000	10
13	Benzyl alcohol	108	4.964	4.964	(1.038)	107016	10.0000	10
14	1,2-Dichlorobenzene	146	4.964	4.964	(1.038)	186692	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.120	5.120	(1.070)	219523	10.0000	10
16	2-Methylphenol	108	5.114	5.114	(1.069)	154715	10.0000	10
92	Acetophenone	105	5.235	5.235	(1.094)	227615	10.0000	10
17	Hexachloroethane	117	5.325	5.325	(1.113)	79980	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.256	5.256	(1.099)	124461	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.281	5.281	(1.104)	168850	10.0000	10
*	20 Naphthalene-d8	136	6.145	6.145	(1.000)	1276646	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.387	(0.877)	182026	10.0000	10
	22 Nitrobenzene	77	5.406	5.406	(0.880)	189851	10.0000	10
	23 Isophorone	82	5.670	5.670	(0.923)	334216	10.0000	10
	24 2-Nitrophenol	139	5.751	5.751	(0.936)	100168	10.0000	10
	25 2,4-Dimethylphenol	122	5.838	5.838	(0.950)	144108	10.0000	10
	26 Benzoic Acid	122	5.993	5.993	(0.975)	169174	25.0000	27(M)
	27 Bis(2-Chloroethoxy)methane	93	5.928	5.928	(0.965)	214381	10.0000	10
	28 2,4-Dichlorophenol	162	6.015	6.015	(0.979)	141756	10.0000	10
	29 1,2,4-Trichlorobenzene	180	6.096	6.096	(0.992)	160076	10.0000	10
	30 Naphthalene	128	6.167	6.167	(1.004)	533624	10.0000	10
	31 4-Chloroaniline	127	6.245	6.245	(1.016)	209087	10.0000	10
	32 Hexachlorobutadiene	225	6.326	6.326	(1.029)	85955	10.0000	10
	129 Caprolactam	113	6.612	6.612	(1.076)	44004	10.0000	10(M)
	33 4-Chloro-3-methylphenol	107	6.789	6.789	(1.105)	154268	10.0000	10
	34 2-Methylnaphthalene	142	6.907	6.907	(1.124)	351017	10.0000	10
*	35 Acenaphthene-d10	164	8.007	8.007	(1.000)	766484	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.873	6.873	(1.437)	142296	10.0000	10
	37 Hexachlorocyclopentadiene	237	7.090	7.090	(0.885)	73859	10.0000	10
	38 2,4,6-Trichlorophenol	196	7.221	7.221	(0.902)	99914	10.0000	10
	39 2,4,5-Trichlorophenol	196	7.258	7.258	(0.906)	260937	25.0000	25
$	40 2-Fluorobiphenyl	172	7.311	7.311	(0.913)	355656	10.0000	10
	130 1,1'-Biphenyl	154	7.410	7.410	(0.925)	412482	10.0000	10
	41 2-Chloronaphthalene	162	7.420	7.420	(0.927)	330886	10.0000	10
	42 2-Nitroaniline	65	7.538	7.538	(0.941)	98692	10.0000	10
	43 Acenaphthylene	152	7.852	7.852	(0.981)	536121	10.0000	10
	44 Dimethylphthalate	163	7.749	7.749	(0.968)	358451	10.0000	10
	45 2,6-Dinitrotoluene	165	7.802	7.802	(0.974)	85222	10.0000	10
	46 Acenaphthene	153	8.041	8.041	(1.004)	331078	10.0000	10
	47 3-Nitroaniline	138	7.973	7.973	(0.996)	94395	10.0000	10
	48 2,4-Dinitrophenol	184	8.085	8.085	(1.010)	93104	25.0000	22
	49 Dibenzofuran	168	8.225	8.225	(1.027)	461849	10.0000	10
	50 2,4-Dinitrotoluene	165	8.225	8.225	(1.027)	115723	10.0000	10
	51 4-Nitrophenol	109	8.184	8.184	(1.022)	112213	25.0000	25
	52 Fluorene	166	8.585	8.585	(1.072)	371862	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.598	8.598	(1.074)	176086	10.0000	10
	54 Diethylphthalate	149	8.501	8.501	(1.062)	371565	10.0000	10
	55 4-Nitroaniline	138	8.619	8.619	(1.076)	90306	10.0000	10
$	56 2,4,6-Tribromophenol	330	8.840	8.840	(1.104)	122551	25.0000	24
*	57 Phenanthrene-d10	188	9.574	9.574	(1.000)	1224149	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.654	8.654	(0.904)	143858	25.0000	25
	59 N-Nitrosodiphenylamine (1)	169	8.725	8.725	(0.911)	264255	10.0000	10
	60 1,2-Diphenylhydrazine	77	8.766	8.766	(0.916)	422846	10.0000	10
	61 4-Bromophenyl-phenylether	248	9.111	9.111	(0.952)	94136	10.0000	10
	131 Atrazine	200	9.303	9.303	(0.972)	76407	10.0000	9
	62 Hexachlorobenzene	284	9.173	9.173	(0.958)	101089	10.0000	10
	63 Pentachlorophenol	266	9.387	9.387	(0.981)	126806	25.0000	23
	64 Phenanthrene	178	9.595	9.595	(1.002)	511804	10.0000	10
	65 Carbazole	167	9.825	9.825	(1.026)	467840	10.0000	10
	66 Anthracene	178	9.648	9.648	(1.008)	517982	10.0000	10
	67 Di-n-butylphthalate	149	10.220	10.220	(1.068)	595093	10.0000	10
	68 Fluoranthene	202	10.848	10.848	(1.133)	508705	10.0000	10
*	70 Chrysene-d12	240	12.433	12.433	(1.000)	1005936	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.000	11.000	(0.885)	94255	10.0000	12
72	Pyrene	202	11.084	11.084	(0.892)	520752	10.0000	10
$ 73	Terphenyl-d14	244	11.264	11.264	(0.906)	339107	10.0000	10
74	Butylbenzylphthalate	149	11.793	11.793	(0.949)	211188	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.768	11.768	(0.947)	73585	10.0000	10
75	3,3'-Dichlorobenzidine	252	12.396	12.396	(0.997)	117516	10.0000	10
76	Benzo(a)anthracene	228	12.418	12.418	(0.999)	417056	10.0000	10
77	Chrysene	228	12.464	12.464	(1.002)	401818	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.483	12.483	(1.004)	229257	10.0000	9
* 79	Perylene-d12	264	14.578	14.578	(1.000)	695840	20.0000	
80	Di-n-octylphthalate	149	13.381	13.381	(0.918)	238925	10.0000	9
81	Benzo(b)fluoranthene	252	13.937	13.937	(0.956)	304887	10.0000	9
82	Benzo(k)fluoranthene	252	13.981	13.981	(0.959)	318730	10.0000	9
83	Benzo(a)pyrene	252	14.469	14.469	(0.993)	236564	10.0000	9
84	Indeno(1,2,3-cd)pyrene	276	16.542	16.542	(1.135)	144149	10.0000	10
85	Dibenzo(a,h)anthracene	278	16.595	16.595	(1.138)	130866	10.0000	9(M)
86	Benzo(g,h,i)perylene	276	17.058	17.058	(1.170)	142014	10.0000	10
167	Simazine	201	9.269	9.269	(0.968)	49779	10.0000	10(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.090	7.090	(0.885)	69779	10.0000	10
109	2,3,4,6-Tetrachlorophenol	232	8.365	8.365	(1.045)	75093	10.0000	10
119	Pentachloronitrobenzene	237	9.400	9.400	(0.982)	41741	10.0000	10

QC Flag Legend

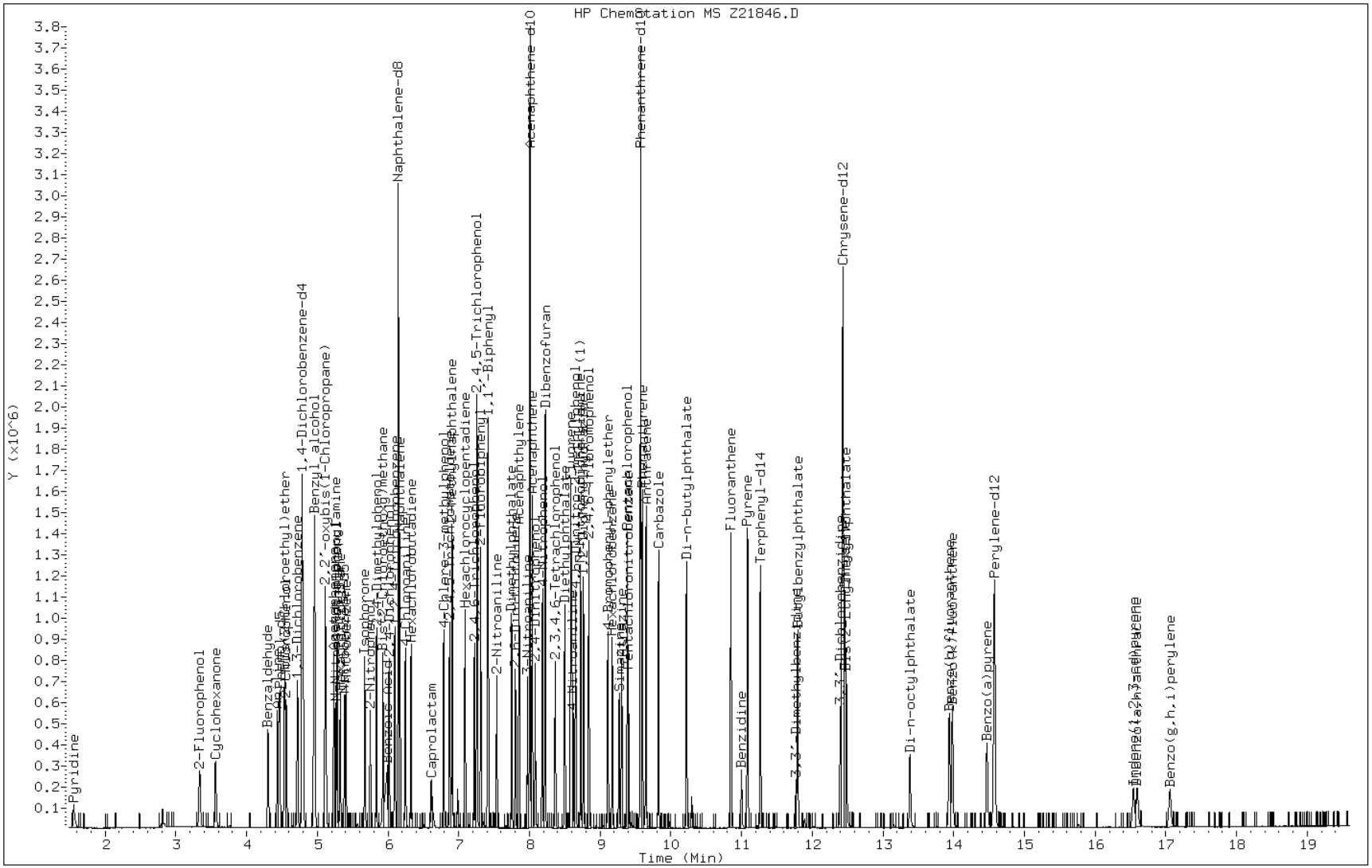
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21846.D

Date: 27-JUL-2011 08:58

Client ID: IC-635515 Instrument: msz.i

Sample Info: IC-635515 Operator: S.Jonas



Manual Integration Report

Data File: Z21846.D
Inj. Date and Time: 27-JUL-2011 08:58
Instrument ID: msz.i
Client ID: IC-635515
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

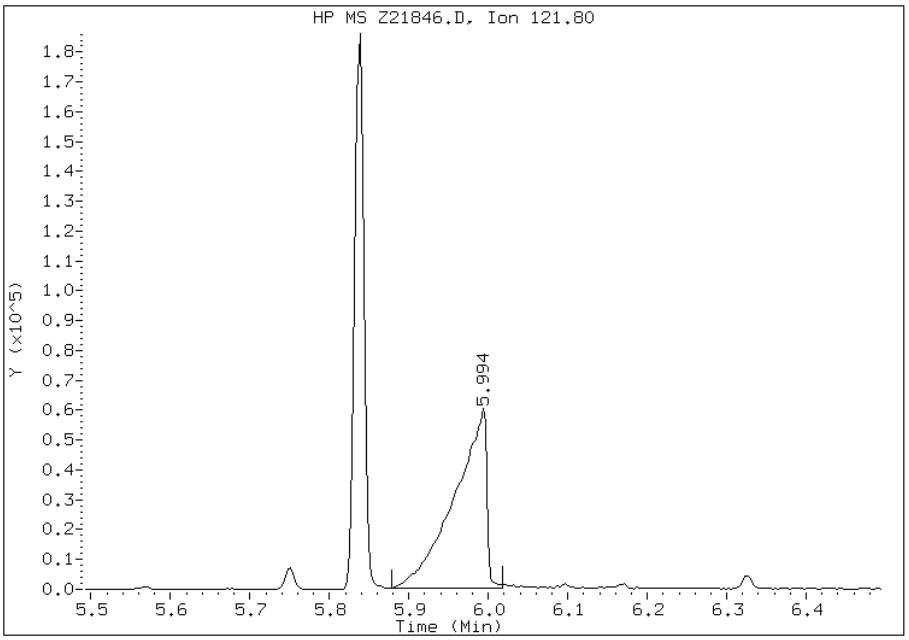
Processing Integration Results

RT: 5.99

Response: 169174

Amount: 25

Conc: 25



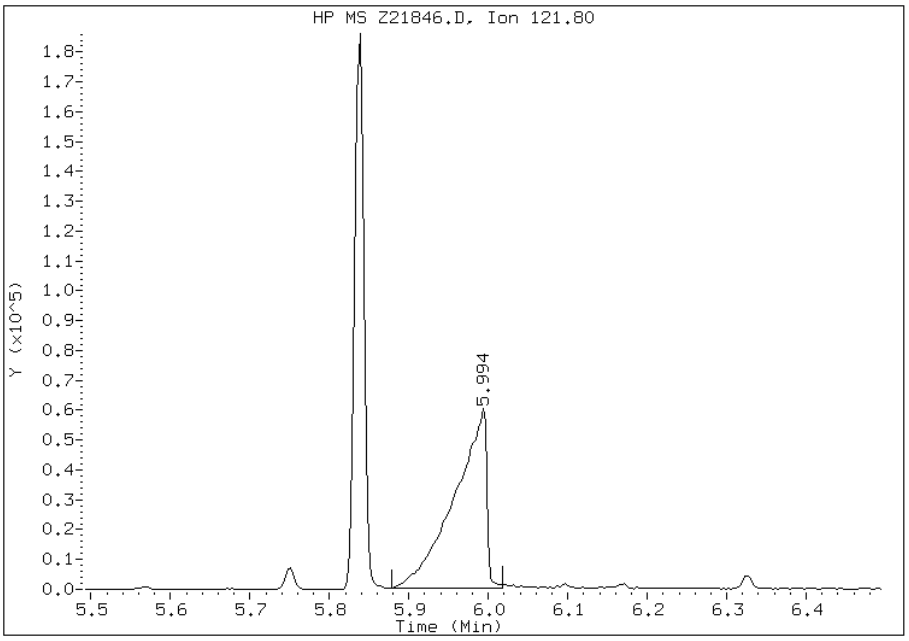
Manual Integration Results

RT: 5.99

Response: 169174

Amount: 27

Conc: 27



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21846.D
Inj. Date and Time: 27-JUL-2011 08:58
Instrument ID: msz.i
Client ID: IC-635515
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

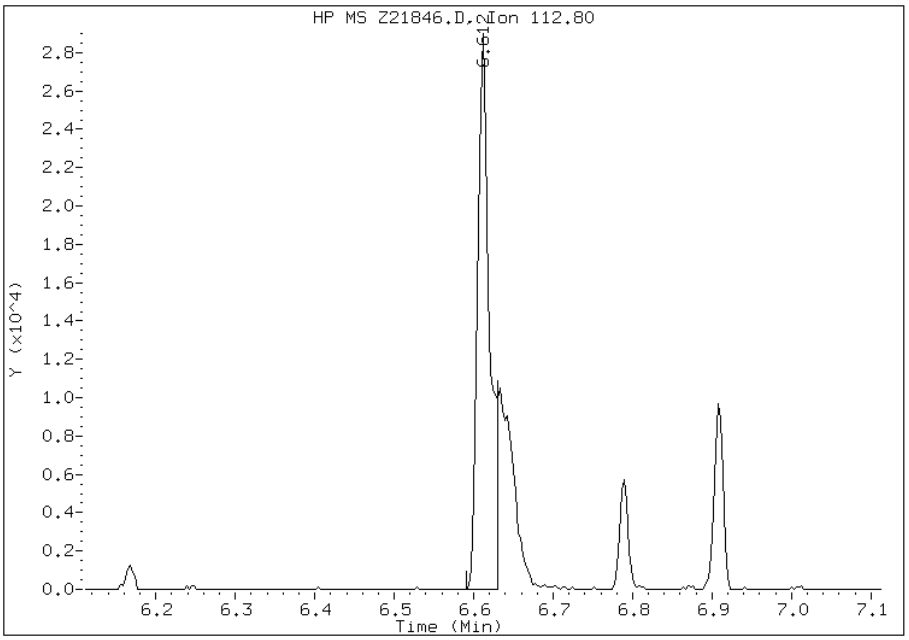
Processing Integration Results

RT: 6.61

Response: 32045

Amount: 8

Conc: 8



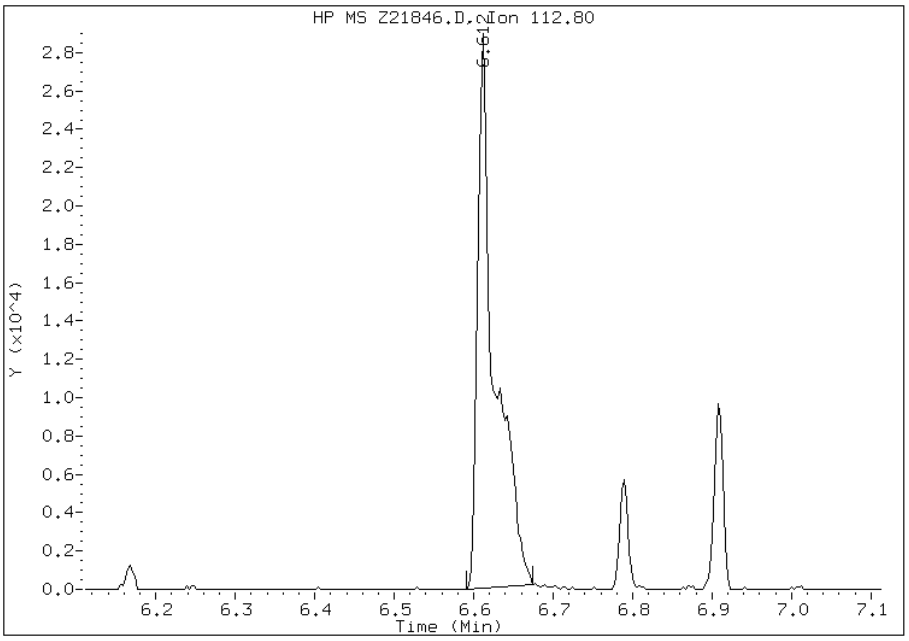
Manual Integration Results

RT: 6.61

Response: 44004

Amount: 10

Conc: 10



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21846.D
Inj. Date and Time: 27-JUL-2011 08:58
Instrument ID: msz.i
Client ID: IC-635515
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 07/27/2011

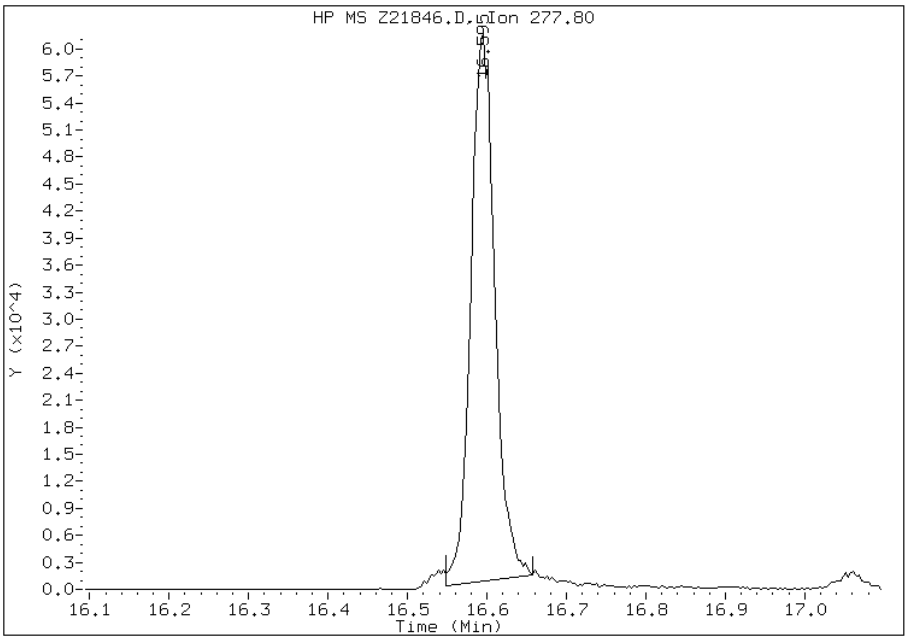
Processing Integration Results

RT: 16.60

Response: 130866

Amount: 9

Conc: 9



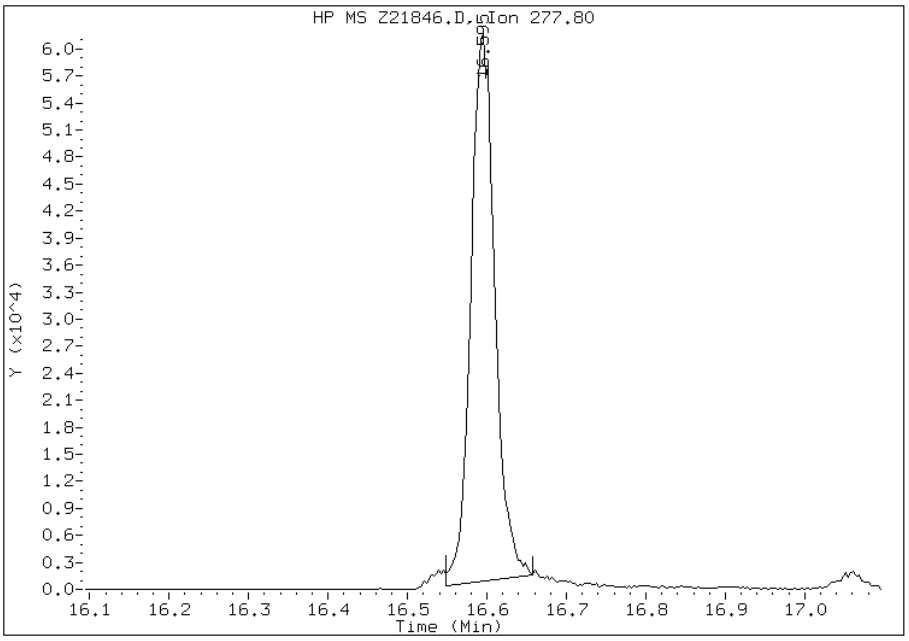
Manual Integration Results

RT: 16.60

Response: 130866

Amount: 9

Conc: 9



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21847.D
Lab Smp Id: IC-635516 Client Smp ID: IC-635516
Inj Date : 27-JUL-2011 09:27
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635516
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 09:27 Cal File: Z21847.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.787	4.787	(1.000)	271896	20.0000	
$ 2	2-Fluorophenol	112	3.336	3.336	(0.697)	252700	20.0000	20
$ 3	Phenol-d5	99	4.464	4.464	(0.932)	361358	20.0000	20
4	Pyridine	52	1.552	1.552	(0.324)	58922	20.0000	19(M)
5	N-Nitrosodimethylamine	42	1.542	1.542	(0.322)	48942	20.0000	20
6	Cyclohexanone	42	3.560	3.560	(0.744)	104455	20.0000	19
128	Benzaldehyde	77	4.306	4.306	(0.899)	162355	20.0000	24
7	Phenol	94	4.476	4.476	(0.935)	394491	20.0000	20
8	Aniline	93	4.439	4.439	(0.927)	403349	20.0000	19
9	bis(2-Chloroethyl)ether	63	4.539	4.539	(0.948)	226367	20.0000	20
10	2-Chlorophenol	128	4.567	4.567	(0.954)	327438	20.0000	20
11	1,3-Dichlorobenzene	146	4.722	4.722	(0.986)	371248	20.0000	20
12	1,4-Dichlorobenzene	146	4.806	4.806	(1.004)	377274	20.0000	20
13	Benzyl alcohol	108	4.971	4.971	(1.038)	200173	20.0000	20
14	1,2-Dichlorobenzene	146	4.968	4.968	(1.038)	352833	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.071)	404625	20.0000	20
16	2-Methylphenol	108	5.120	5.120	(1.069)	293693	20.0000	20
92	Acetophenone	105	5.241	5.241	(1.095)	438958	20.0000	20
17	Hexachloroethane	117	5.328	5.328	(1.113)	154746	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.263	5.263	(1.099)	241283	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.285	5.285	(1.104)	322974	20.0000	20
* 20	Naphthalene-d8	136	6.152	6.152	(1.000)	1233356	20.0000	
$ 21	Nitrobenzene-d5	82	5.390	5.390	(0.876)	348825	20.0000	20
22	Nitrobenzene	77	5.412	5.412	(0.880)	361770	20.0000	20
23	Isophorone	82	5.676	5.676	(0.923)	650798	20.0000	20
24	2-Nitrophenol	139	5.754	5.754	(0.935)	195924	20.0000	20
25	2,4-Dimethylphenol	122	5.844	5.844	(0.950)	286999	20.0000	20
26	Benzoic Acid	122	6.006	6.006	(0.976)	225865	30.0000	37(M)
27	Bis(2-Chloroethoxy)methane	93	5.934	5.934	(0.965)	412730	20.0000	20
28	2,4-Dichlorophenol	162	6.021	6.021	(0.979)	277890	20.0000	20
29	1,2,4-Trichlorobenzene	180	6.099	6.099	(0.991)	306068	20.0000	20
30	Naphthalene	128	6.170	6.170	(1.003)	1013525	20.0000	20
31	4-Chloroaniline	127	6.248	6.248	(1.016)	400860	20.0000	20
32	Hexachlorobutadiene	225	6.329	6.329	(1.029)	165487	20.0000	20
129	Caprolactam	113	6.637	6.637	(1.079)	89962	20.0000	21(M)
33	4-Chloro-3-methylphenol	107	6.795	6.795	(1.105)	303397	20.0000	20
34	2-Methylnaphthalene	142	6.913	6.913	(1.124)	681354	20.0000	20
* 35	Acenaphthene-d10	164	8.010	8.010	(1.000)	747882	20.0000	
36	2,4,5-Trichlorotoluene	159	6.876	6.876	(1.436)	271919	20.0000	20
37	Hexachlorocyclopentadiene	237	7.093	7.093	(0.886)	154522	20.0000	21
38	2,4,6-Trichlorophenol	196	7.224	7.224	(0.902)	196635	20.0000	20
39	2,4,5-Trichlorophenol	196	7.264	7.264	(0.907)	304826	30.0000	30
$ 40	2-Fluorobiphenyl	172	7.314	7.314	(0.913)	690346	20.0000	20
130	1,1'-Biphenyl	154	7.414	7.414	(0.925)	801364	20.0000	20
41	2-Chloronaphthalene	162	7.423	7.423	(0.927)	645565	20.0000	20
42	2-Nitroaniline	65	7.544	7.544	(0.942)	195412	20.0000	20
43	Acenaphthylene	152	7.858	7.858	(0.981)	1052015	20.0000	20
44	Dimethylphthalate	163	7.755	7.755	(0.968)	710340	20.0000	20
45	2,6-Dinitrotoluene	165	7.808	7.808	(0.975)	170209	20.0000	20
46	Acenaphthene	153	8.045	8.045	(1.004)	650028	20.0000	20
47	3-Nitroaniline	138	7.979	7.979	(0.996)	188754	20.0000	20
48	2,4-Dinitrophenol	184	8.088	8.088	(1.010)	121859	30.0000	28
49	Dibenzofuran	168	8.228	8.228	(1.027)	897090	20.0000	20
50	2,4-Dinitrotoluene	165	8.228	8.228	(1.027)	228467	20.0000	20
51	4-Nitrophenol	109	8.191	8.191	(1.023)	134130	30.0000	30
52	Fluorene	166	8.588	8.588	(1.072)	738385	20.0000	20
53	4-Chlorophenyl-phenylether	204	8.601	8.601	(1.074)	350503	20.0000	20
54	Diethylphthalate	149	8.505	8.505	(1.062)	727311	20.0000	20
55	4-Nitroaniline	138	8.629	8.629	(1.077)	183850	20.0000	20
$ 56	2,4,6-Tribromophenol	330	8.846	8.846	(1.104)	146663	30.0000	30
* 57	Phenanthrene-d10	188	9.577	9.577	(1.000)	1194895	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.660	8.660	(0.904)	179104	30.0000	31
59	N-Nitrosodiphenylamine (1)	169	8.731	8.731	(0.912)	524736	20.0000	20
60	1,2-Diphenylhydrazine	77	8.769	8.769	(0.916)	821790	20.0000	20
61	4-Bromophenyl-phenylether	248	9.114	9.114	(0.952)	189352	20.0000	20
131	Atrazine	200	9.313	9.313	(0.972)	146016	20.0000	18
62	Hexachlorobenzene	284	9.176	9.176	(0.958)	201978	20.0000	20
63	Pentachlorophenol	266	9.390	9.390	(0.981)	158350	30.0000	28
64	Phenanthrene	178	9.602	9.602	(1.003)	1012671	20.0000	20
65	Carbazole	167	9.832	9.832	(1.027)	933719	20.0000	20
66	Anthracene	178	9.655	9.655	(1.008)	1038129	20.0000	20
67	Di-n-butylphthalate	149	10.226	10.226	(1.068)	1202964	20.0000	20
68	Fluoranthene	202	10.854	10.854	(1.133)	1026069	20.0000	20
* 70	Chrysene-d12	240	12.439	12.439	(1.000)	998034	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.003	11.003	(0.885)	166094	20.0000	21
72	Pyrene	202	11.090	11.090	(0.892)	1041158	20.0000	20
$ 73	Terphenyl-d14	244	11.271	11.271	(0.906)	687470	20.0000	20
74	Butylbenzylphthalate	149	11.796	11.796	(0.948)	435034	20.0000	20
124	3,3'-Dimethylbenzidine	212	11.771	11.771	(0.946)	151712	20.0000	21
75	3,3'-Dichlorobenzidine	252	12.402	12.402	(0.997)	236603	20.0000	20
76	Benzo(a)anthracene	228	12.424	12.424	(0.999)	832328	20.0000	20
77	Chrysene	228	12.470	12.470	(1.002)	811180	20.0000	20
78	Bis(2-Ethylhexyl)phthalate	149	12.486	12.486	(1.004)	480131	20.0000	20
* 79	Perylene-d12	264	14.584	14.584	(1.000)	686395	20.0000	
80	Di-n-octylphthalate	149	13.387	13.387	(0.918)	530454	20.0000	18
81	Benzo(b)fluoranthene	252	13.947	13.947	(0.956)	618314	20.0000	19
82	Benzo(k)fluoranthene	252	13.990	13.990	(0.959)	641767	20.0000	19
83	Benzo(a)pyrene	252	14.481	14.481	(0.993)	486702	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.551	16.551	(1.135)	285404	20.0000	20
85	Dibenzo(a,h)anthracene	278	16.604	16.604	(1.139)	275603	20.0000	20
86	Benzo(g,h,i)perylene	276	17.074	17.074	(1.171)	283322	20.0000	20
167	Simazine	201	9.278	9.278	(0.969)	95159	20.0000	18(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.093	7.093	(0.886)	139648	25.0000	21
109	2,3,4,6-Tetrachlorophenol	232	8.371	8.371	(1.045)	150270	25.0000	21
119	Pentachloronitrobenzene	237	9.406	9.406	(0.982)	80763	25.0000	20

QC Flag Legend

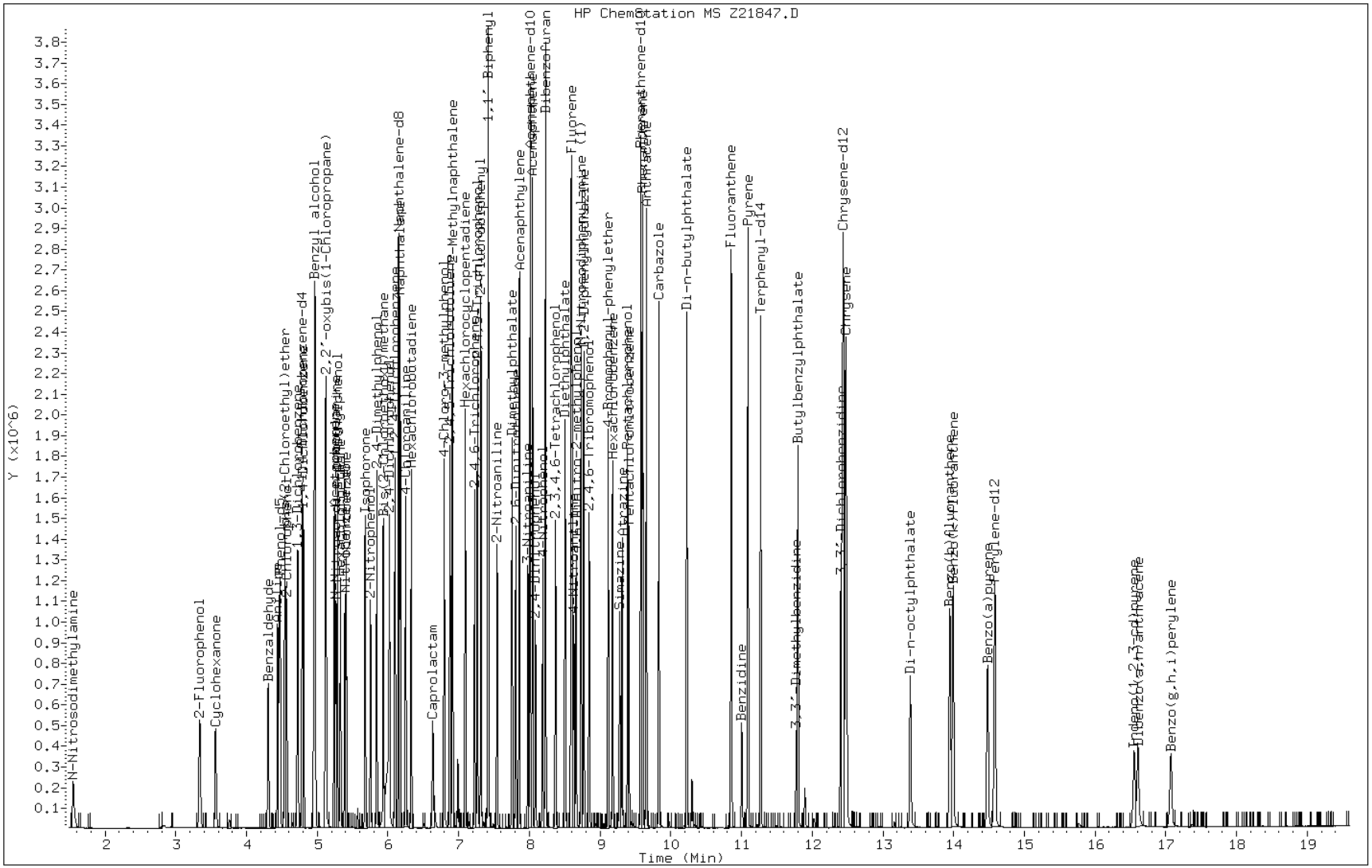
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z21847.D

Date: 27-JUL-2011 09:27

Client ID: IC-635516 Instrument: msz.i

Sample Info: IC-635516 Operator: S.Jonas



Manual Integration Report

Data File: Z21847.D
Inj. Date and Time: 27-JUL-2011 09:27
Instrument ID: msz.i
Client ID: IC-635516
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

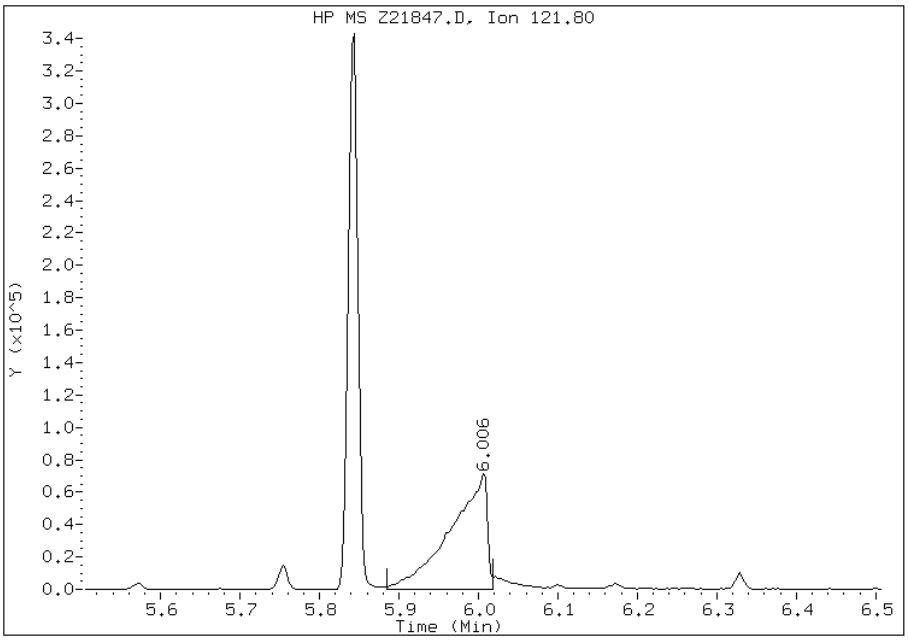
Processing Integration Results

RT: 6.01

Response: 226357

Amount: 37

Conc: 37



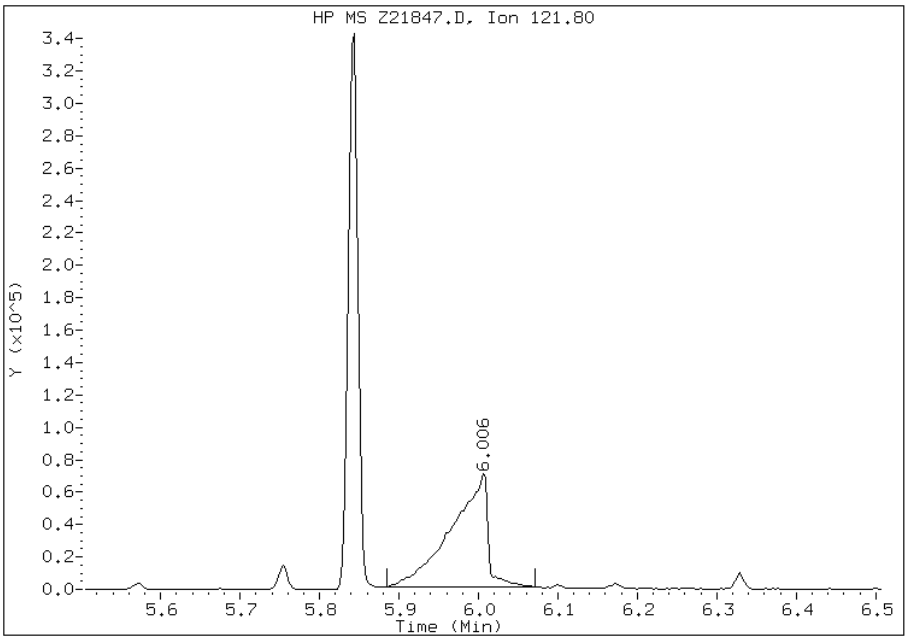
Manual Integration Results

RT: 6.01

Response: 225865

Amount: 37

Conc: 37



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21847.D
Inj. Date and Time: 27-JUL-2011 09:27
Instrument ID: msz.i
Client ID: IC-635516
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

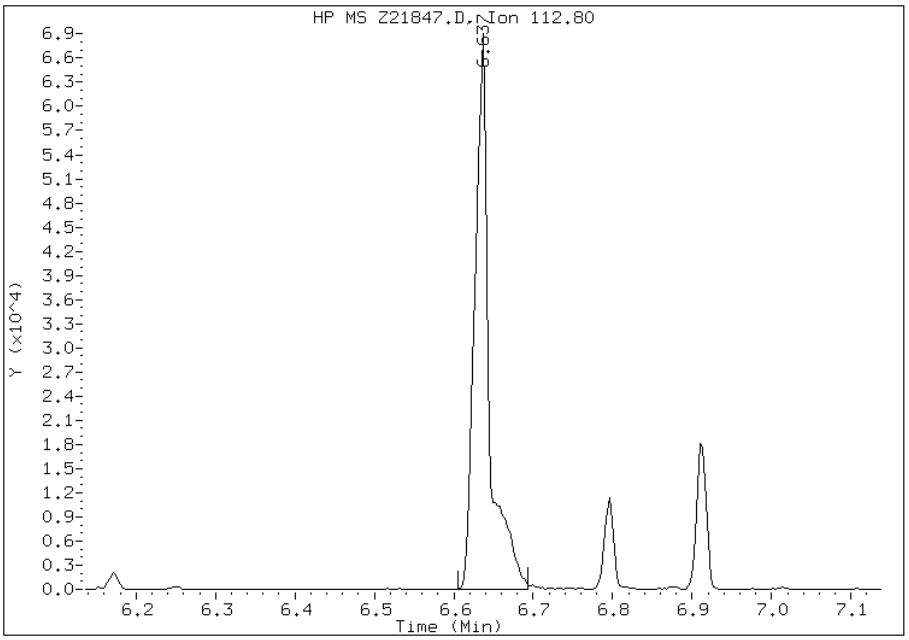
Processing Integration Results

RT: 6.64

Response: 89962

Amount: 21

Conc: 21



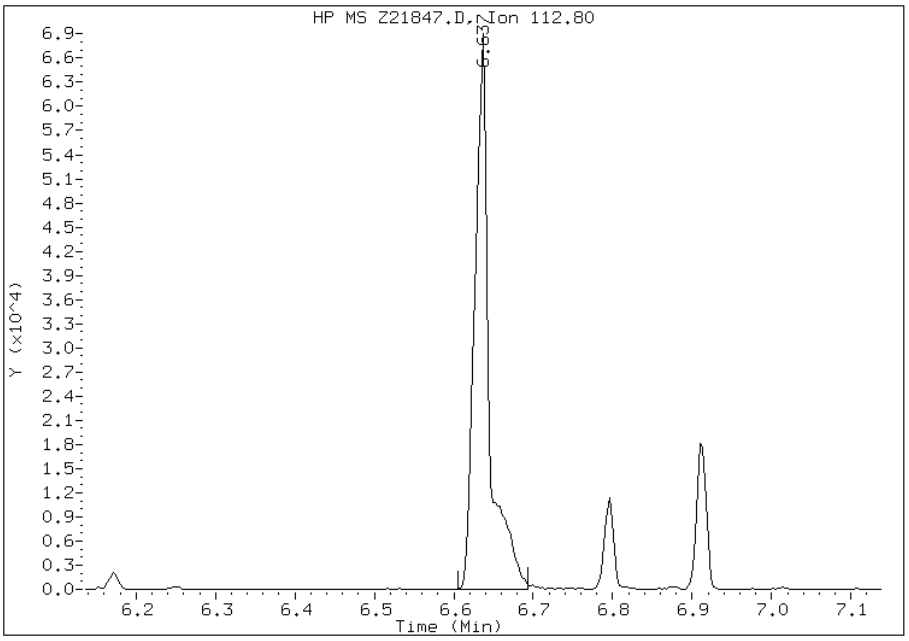
Manual Integration Results

RT: 6.64

Response: 89962

Amount: 21

Conc: 21



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21847.D
Inj. Date and Time: 27-JUL-2011 09:27
Instrument ID: msz.i
Client ID: IC-635516
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 07/27/2011

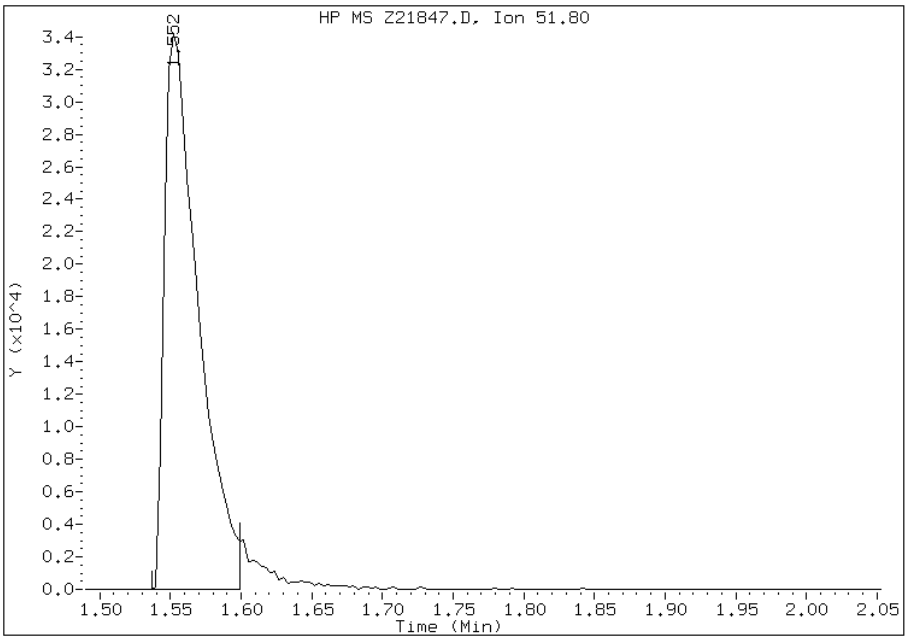
Processing Integration Results

RT: 1.55

Response: 57401

Amount: 21

Conc: 21



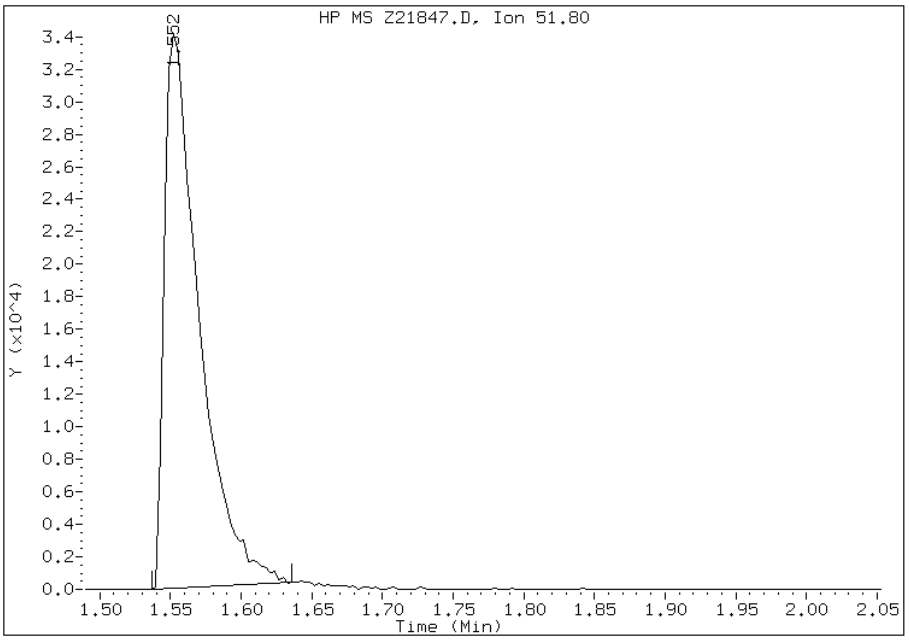
Manual Integration Results

RT: 1.55

Response: 58922

Amount: 19

Conc: 19



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21848.D
Lab Smp Id: IC-635517 Client Smp ID: IC-635517
Inj Date : 27-JUL-2011 09:55
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635517
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 09:55 Cal File: Z21848.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.790	4.790	(1.000)	254104	20.0000	
$ 2	2-Fluorophenol	112	3.345	3.345	(0.698)	716275	60.0000	61
$ 3	Phenol-d5	99	4.479	4.479	(0.935)	1002924	60.0000	59
4	Pyridine	52	1.555	1.555	(0.325)	179533	60.0000	62
5	N-Nitrosodimethylamine	42	1.545	1.545	(0.323)	138405	60.0000	61
6	Cyclohexanone	42	3.559	3.559	(0.743)	192061	60.0000	38
128	Benzaldehyde	77	4.305	4.305	(0.899)	248465	60.0000	40
7	Phenol	94	4.495	4.495	(0.938)	1036303	60.0000	57
8	Aniline	93	4.445	4.445	(0.928)	1109229	60.0000	56
9	bis(2-Chloroethyl)ether	63	4.548	4.548	(0.949)	618981	60.0000	57
10	2-Chlorophenol	128	4.573	4.573	(0.955)	905778	60.0000	59
11	1,3-Dichlorobenzene	146	4.725	4.725	(0.986)	1019289	60.0000	60
12	1,4-Dichlorobenzene	146	4.809	4.809	(1.004)	1035774	60.0000	59
13	Benzyl alcohol	108	4.980	4.980	(1.040)	536251	60.0000	58
14	1,2-Dichlorobenzene	146	4.971	4.971	(1.038)	928686	60.0000	57
15	2,2'-oxybis(1-Chloropropane)	45	5.123	5.123	(1.069)	1007934	60.0000	54
16	2-Methylphenol	108	5.132	5.132	(1.071)	779412	60.0000	58
92	Acetophenone	105	5.253	5.253	(1.097)	1234914	60.0000	60
17	Hexachloroethane	117	5.328	5.328	(1.112)	436665	60.0000	61
18	N-Nitroso-di-n-propylamine	70	5.278	5.278	(1.102)	672751	60.0000	60

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.300	5.300	(1.106)	871010	60.0000	59
* 20	Naphthalene-d8	136	6.152	6.152	(1.000)	1163481	20.0000	
$ 21	Nitrobenzene-d5	82	5.399	5.399	(0.878)	1002330	60.0000	60
22	Nitrobenzene	77	5.421	5.421	(0.881)	1008501	60.0000	59
23	Isophorone	82	5.692	5.692	(0.925)	1893337	60.0000	61
24	2-Nitrophenol	139	5.760	5.760	(0.936)	570742	60.0000	62
25	2,4-Dimethylphenol	122	5.853	5.853	(0.952)	838711	60.0000	63
26	Benzoic Acid	122	6.046	6.046	(0.983)	563596	60.0000	88(AM)
27	Bis(2-Chloroethoxy)methane	93	5.943	5.943	(0.966)	1161837	60.0000	60
28	2,4-Dichlorophenol	162	6.030	6.030	(0.980)	785175	60.0000	61
29	1,2,4-Trichlorobenzene	180	6.102	6.102	(0.992)	872286	60.0000	60
30	Naphthalene	128	6.176	6.176	(1.004)	2781741	60.0000	59
31	4-Chloroaniline	127	6.254	6.254	(1.017)	1101136	60.0000	60
32	Hexachlorobutadiene	225	6.332	6.332	(1.029)	476669	60.0000	61
129	Caprolactam	113	6.696	6.696	(1.088)	279236	60.0000	68(M)
33	4-Chloro-3-methylphenol	107	6.811	6.811	(1.107)	876033	60.0000	63
34	2-Methylnaphthalene	142	6.919	6.919	(1.125)	1890206	60.0000	60
* 35	Acenaphthene-d10	164	8.013	8.013	(1.000)	695870	20.0000	
36	2,4,5-Trichlorotoluene	159	6.882	6.882	(1.437)	793636	60.0000	62
37	Hexachlorocyclopentadiene	237	7.096	7.096	(0.886)	455673	60.0000	68
38	2,4,6-Trichlorophenol	196	7.233	7.233	(0.903)	585138	60.0000	64
39	2,4,5-Trichlorophenol	196	7.274	7.274	(0.908)	616352	60.0000	64
$ 40	2-Fluorobiphenyl	172	7.320	7.320	(0.914)	1990210	60.0000	61
130	1,1'-Biphenyl	154	7.420	7.420	(0.926)	2098904	60.0000	58
41	2-Chloronaphthalene	162	7.432	7.432	(0.927)	1724387	60.0000	58
42	2-Nitroaniline	65	7.553	7.553	(0.943)	562313	60.0000	62
43	Acenaphthylene	152	7.864	7.864	(0.981)	3005281	60.0000	61
44	Dimethylphthalate	163	7.768	7.768	(0.969)	2081480	60.0000	63
45	2,6-Dinitrotoluene	165	7.821	7.821	(0.976)	507960	60.0000	64
46	Acenaphthene	153	8.051	8.051	(1.005)	1860534	60.0000	62
47	3-Nitroaniline	138	7.995	7.995	(0.998)	553792	60.0000	64
48	2,4-Dinitrophenol	184	8.100	8.100	(1.011)	302577	60.0000	61
49	Dibenzofuran	168	8.234	8.234	(1.028)	2520083	60.0000	60
50	2,4-Dinitrotoluene	165	8.243	8.243	(1.029)	651995	60.0000	62
51	4-Nitrophenol	109	8.203	8.203	(1.024)	281197	60.0000	68
52	Fluorene	166	8.598	8.598	(1.073)	2053929	60.0000	61
53	4-Chlorophenyl-phenylether	204	8.607	8.607	(1.074)	990821	60.0000	62
54	Diethylphthalate	149	8.514	8.514	(1.062)	2120323	60.0000	62
55	4-Nitroaniline	138	8.651	8.651	(1.080)	535965	60.0000	64
$ 56	2,4,6-Tribromophenol	330	8.853	8.853	(1.105)	302048	60.0000	67
* 57	Phenanthrene-d10	188	9.580	9.580	(1.000)	1122807	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.675	8.675	(0.906)	398142	60.0000	74
59	N-Nitrosodiphenylamine (1)	169	8.741	8.741	(0.912)	1550305	60.0000	63
60	1,2-Diphenylhydrazine	77	8.775	8.775	(0.916)	2292622	60.0000	59
61	4-Bromophenyl-phenylether	248	9.120	9.120	(0.952)	575806	60.0000	64
131	Atrazine	200	9.328	9.328	(0.974)	518178	60.0000	68
62	Hexachlorobenzene	284	9.185	9.185	(0.959)	613385	60.0000	63
63	Pentachlorophenol	266	9.396	9.396	(0.981)	370949	60.0000	60
64	Phenanthrene	178	9.608	9.608	(1.003)	2969986	60.0000	62
65	Carbazole	167	9.841	9.841	(1.027)	2729815	60.0000	62
66	Anthracene	178	9.664	9.664	(1.009)	3025268	60.0000	62
67	Di-n-butylphthalate	149	10.229	10.229	(1.068)	3513958	60.0000	64
68	Fluoranthene	202	10.863	10.863	(1.134)	3061110	60.0000	64
* 70	Chrysene-d12	240	12.446	12.446	(1.000)	953605	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	11.006	11.006	(0.884)	376276	60.0000	49
72	Pyrene	202	11.100	11.100	(0.892)	3098816	60.0000	62
$ 73	Terphenyl-d14	244	11.274	11.274	(0.906)	2051558	60.0000	62
74	Butylbenzylphthalate	149	11.799	11.799	(0.948)	1334103	60.0000	65
124	3,3'-Dimethylbenzidine	212	11.774	11.774	(0.946)	379187	60.0000	56
75	3,3'-Dichlorobenzidine	252	12.411	12.411	(0.997)	706070	60.0000	64
76	Benzo(a)anthracene	228	12.430	12.430	(0.999)	2527276	60.0000	62
77	Chrysene	228	12.483	12.483	(1.003)	2429097	60.0000	63
78	Bis(2-Ethylhexyl)phthalate	149	12.489	12.489	(1.003)	1518998	60.0000	66
* 79	Perylene-d12	264	14.581	14.581	(1.000)	567729	20.0000	
80	Di-n-octylphthalate	149	13.390	13.390	(0.918)	1826876	60.0000	60
81	Benzo(b)fluoranthene	252	13.959	13.959	(0.957)	1782908	60.0000	67
82	Benzo(k)fluoranthene	252	14.006	14.006	(0.961)	1863510	60.0000	67
83	Benzo(a)pyrene	252	14.491	14.491	(0.994)	1345719	60.0000	66
84	Indeno(1,2,3-cd)pyrene	276	16.561	16.561	(1.136)	703161	60.0000	60
85	Dibenzo(a,h)anthracene	278	16.617	16.617	(1.140)	738337	60.0000	65
86	Benzo(g,h,i)perylene	276	17.086	17.086	(1.172)	693022	60.0000	59
167	Simazine	201	9.303	9.303	(0.971)	319439	60.0000	65
103	1,2,4,5-Tetrachlorobenzene	216	7.100	7.100	(0.886)	399350	60.0000	65
109	2,3,4,6-Tetrachlorophenol	232	8.377	8.377	(1.045)	459278	60.0000	70
119	Pentachloronitrobenzene	237	9.412	9.412	(0.982)	239667	60.0000	65

QC Flag Legend

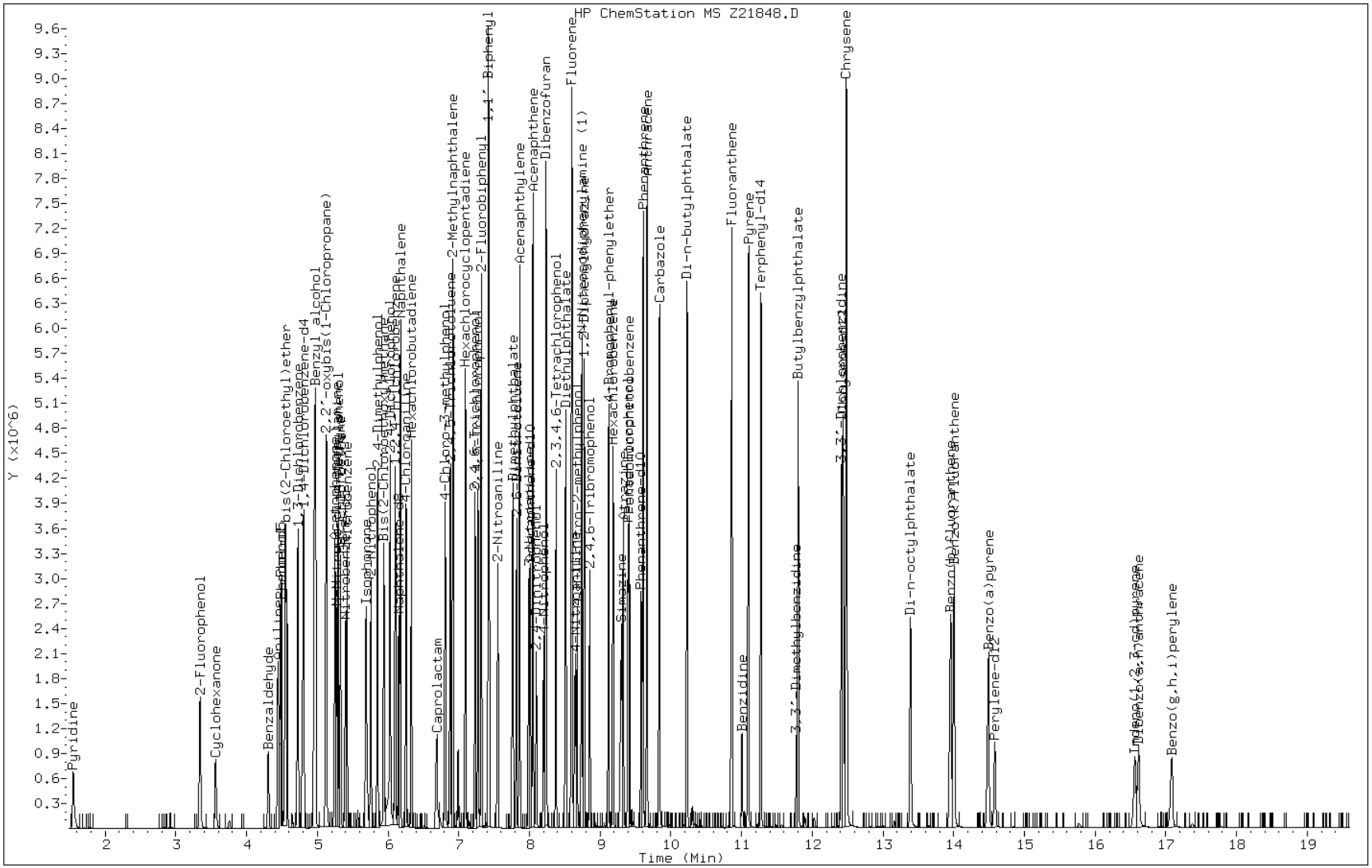
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: Z21848.D

Date: 27-JUL-2011 09:55

Client ID: IC-635517 Instrument: msz.i

Sample Info: IC-635517 Operator: S.Jonas



Manual Integration Report

Data File: Z21848.D
Inj. Date and Time: 27-JUL-2011 09:55
Instrument ID: msz.i
Client ID: IC-635517
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

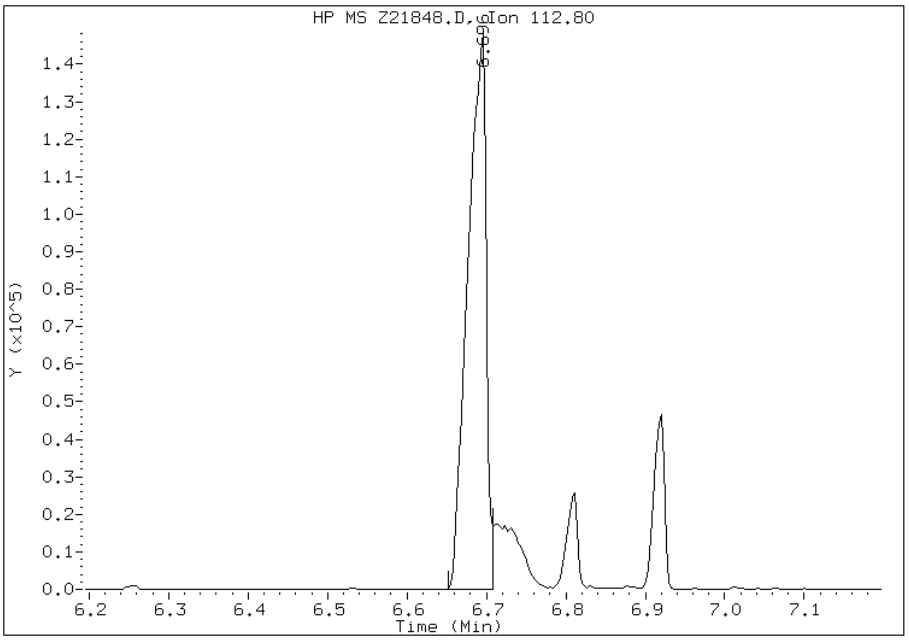
Processing Integration Results

RT: 6.70

Response: 241921

Amount: 61

Conc: 61



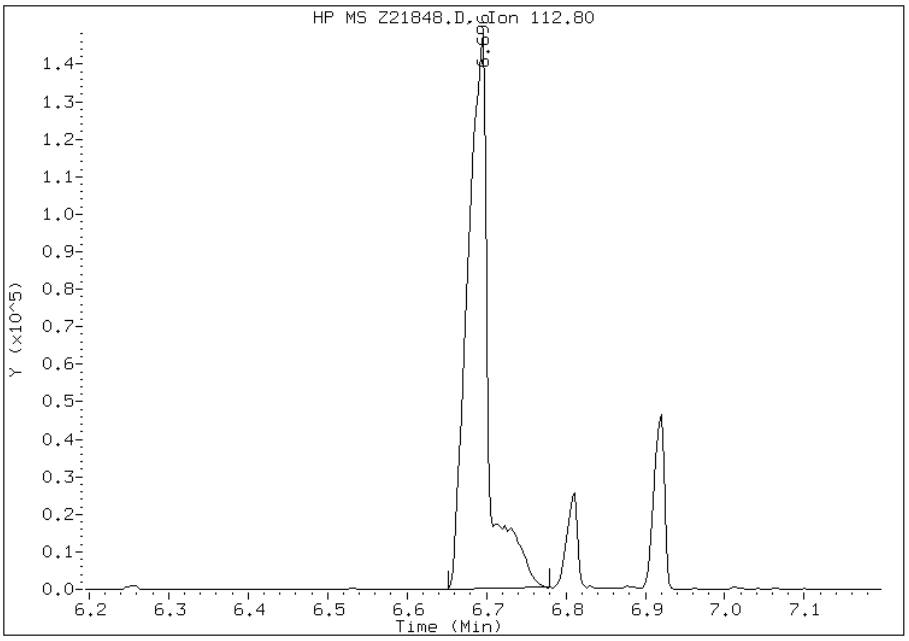
Manual Integration Results

RT: 6.70

Response: 279236

Amount: 68

Conc: 68



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21848.D
Inj. Date and Time: 27-JUL-2011 09:55
Instrument ID: msz.i
Client ID: IC-635517
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

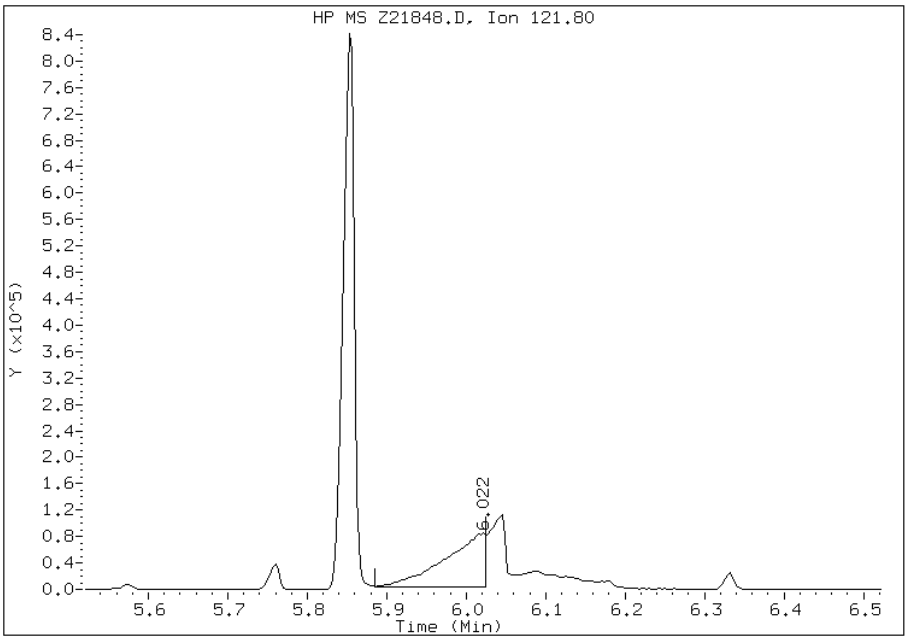
Processing Integration Results

RT: 6.02

Response: 287326

Amount: 47

Conc: 47



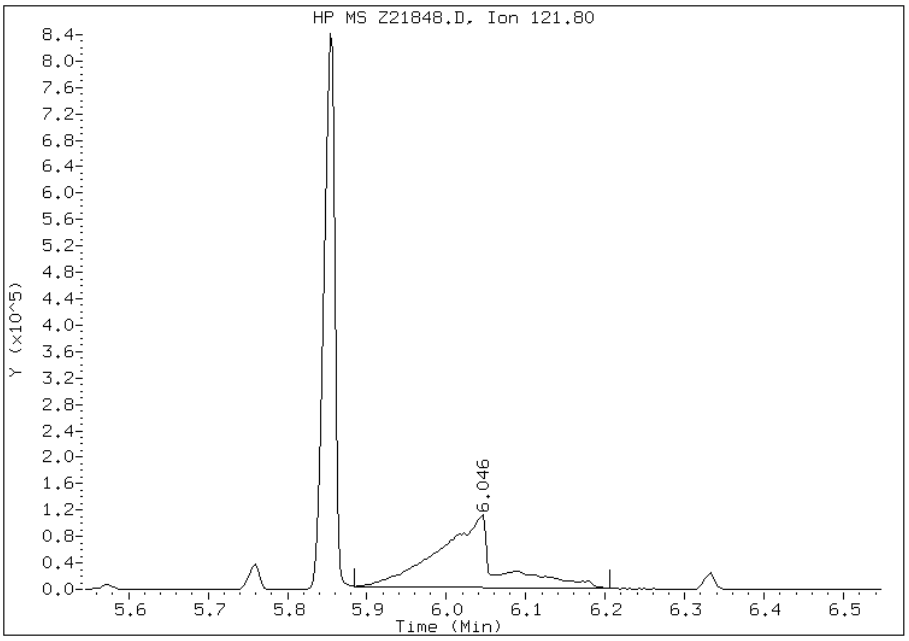
Manual Integration Results

RT: 6.05

Response: 563596

Amount: 88

Conc: 88



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21849.D
Lab Smp Id: IC-635518 Client Smp ID: IC-635518
Inj Date : 27-JUL-2011 10:24
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-635518
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 11:46 stephan Quant Type: ISTD
Cal Date : 27-JUL-2011 10:24 Cal File: Z21849.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.790	4.790	(1.000)	256208	20.0000	
$ 2	2-Fluorophenol	112	3.345	3.345	(0.698)	952492	80.0000	80(A)
$ 3	Phenol-d5	99	4.486	4.486	(0.936)	1317214	80.0000	77
4	Pyridine	52	1.555	1.555	(0.325)	242384	80.0000	83(A)
5	N-Nitrosodimethylamine	42	1.549	1.549	(0.323)	186675	80.0000	81(A)
6	Cyclohexanone	42	3.563	3.563	(0.744)	204274	80.0000	40
128	Benzaldehyde	77	4.305	4.305	(0.899)	270799	80.0000	43
7	Phenol	94	4.501	4.501	(0.940)	1350905	80.0000	74
8	Aniline	93	4.445	4.445	(0.928)	1470491	80.0000	74
9	bis(2-Chloroethyl)ether	63	4.548	4.548	(0.949)	823168	80.0000	76
10	2-Chlorophenol	128	4.576	4.576	(0.955)	1183681	80.0000	76
11	1,3-Dichlorobenzene	146	4.728	4.728	(0.987)	1350267	80.0000	78
12	1,4-Dichlorobenzene	146	4.809	4.809	(1.004)	1368059	80.0000	78
13	Benzyl alcohol	108	4.989	4.989	(1.042)	682491	80.0000	74
14	1,2-Dichlorobenzene	146	4.974	4.974	(1.038)	1201276	80.0000	74
15	2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.070)	1282444	80.0000	68
16	2-Methylphenol	108	5.138	5.138	(1.073)	997844	80.0000	73
92	Acetophenone	105	5.260	5.260	(1.098)	1646322	80.0000	80
17	Hexachloroethane	117	5.328	5.328	(1.112)	570365	80.0000	79
18	N-Nitroso-di-n-propylamine	70	5.284	5.284	(1.103)	861015	80.0000	77

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.306	5.306	(1.108)	1104674	80.0000	74
* 20	Naphthalene-d8	136	6.155	6.155	(1.000)	1183820	20.0000	
$ 21	Nitrobenzene-d5	82	5.406	5.406	(0.878)	1339745	80.0000	79
22	Nitrobenzene	77	5.427	5.427	(0.882)	1326639	80.0000	76
23	Isophorone	82	5.695	5.695	(0.925)	2545719	80.0000	81(A)
24	2-Nitrophenol	139	5.763	5.763	(0.936)	760825	80.0000	81(A)
25	2,4-Dimethylphenol	122	5.859	5.859	(0.952)	1089467	80.0000	80(A)
26	Benzoic Acid	122	6.071	6.071	(0.986)	757406	80.0000	100(AM)
27	Bis(2-Chloroethoxy)methane	93	5.947	5.947	(0.966)	1519217	80.0000	77
28	2,4-Dichlorophenol	162	6.037	6.037	(0.981)	1030005	80.0000	79
29	1,2,4-Trichlorobenzene	180	6.105	6.105	(0.992)	1159624	80.0000	79
30	Naphthalene	128	6.180	6.180	(1.004)	3581424	80.0000	74
31	4-Chloroaniline	127	6.260	6.260	(1.017)	1402085	80.0000	75
32	Hexachlorobutadiene	225	6.332	6.332	(1.029)	640442	80.0000	80(A)
129	Caprolactam	113	6.717	6.717	(1.091)	375907	80.0000	89(AM)
33	4-Chloro-3-methylphenol	107	6.817	6.817	(1.108)	1144151	80.0000	81(A)
34	2-Methylnaphthalene	142	6.922	6.922	(1.125)	2426966	80.0000	76
* 35	Acenaphthene-d10	164	8.013	8.013	(1.000)	706765	20.0000	
36	2,4,5-Trichlorotoluene	159	6.882	6.882	(1.437)	1065044	80.0000	82(A)
37	Hexachlorocyclopentadiene	237	7.097	7.097	(0.886)	571706	80.0000	84(A)
38	2,4,6-Trichlorophenol	196	7.236	7.236	(0.903)	772050	80.0000	83(A)
39	2,4,5-Trichlorophenol	196	7.280	7.280	(0.908)	808347	80.0000	83(A)
$ 40	2-Fluorobiphenyl	172	7.323	7.323	(0.914)	2590969	80.0000	78
130	1,1'-Biphenyl	154	7.423	7.423	(0.926)	2543428	80.0000	69
41	2-Chloronaphthalene	162	7.435	7.435	(0.928)	2164559	80.0000	72
42	2-Nitroaniline	65	7.560	7.560	(0.943)	737041	80.0000	80(A)
43	Acenaphthylene	152	7.867	7.867	(0.982)	3891397	80.0000	78
44	Dimethylphthalate	163	7.771	7.771	(0.970)	2735334	80.0000	81(A)
45	2,6-Dinitrotoluene	165	7.827	7.827	(0.977)	676377	80.0000	85(A)
46	Acenaphthene	153	8.054	8.054	(1.005)	2385447	80.0000	78
47	3-Nitroaniline	138	8.001	8.001	(0.998)	723631	80.0000	82(A)
48	2,4-Dinitrophenol	184	8.104	8.104	(1.011)	417566	80.0000	80(A)
49	Dibenzofuran	168	8.237	8.237	(1.028)	3258496	80.0000	77
50	2,4-Dinitrotoluene	165	8.250	8.250	(1.029)	854707	80.0000	80(A)
51	4-Nitrophenol	109	8.212	8.212	(1.025)	372166	80.0000	88(A)
52	Fluorene	166	8.598	8.598	(1.073)	2548583	80.0000	74
53	4-Chlorophenyl-phenylether	204	8.610	8.610	(1.074)	1243004	80.0000	76
54	Diethylphthalate	149	8.520	8.520	(1.063)	2782905	80.0000	81(A)
55	4-Nitroaniline	138	8.663	8.663	(1.081)	693019	80.0000	82(A)
$ 56	2,4,6-Tribromophenol	330	8.859	8.859	(1.105)	403546	80.0000	88(A)
* 57	Phenanthrene-d10	188	9.583	9.583	(1.000)	1120585	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.685	8.685	(0.906)	538492	80.0000	100(A)
59	N-Nitrosodiphenylamine (1)	169	8.747	8.747	(0.913)	2029200	80.0000	82(A)
60	1,2-Diphenylhydrazine	77	8.778	8.778	(0.916)	2941636	80.0000	76
61	4-Bromophenyl-phenylether	248	9.123	9.123	(0.952)	771306	80.0000	86(A)
131	Atrazine	200	9.337	9.337	(0.974)	700896	80.0000	91(A)
62	Hexachlorobenzene	284	9.188	9.188	(0.959)	814294	80.0000	84(A)
63	Pentachlorophenol	266	9.400	9.400	(0.981)	505896	80.0000	80(A)
64	Phenanthrene	178	9.614	9.614	(1.003)	3833657	80.0000	80(A)
65	Carbazole	167	9.844	9.844	(1.027)	3518218	80.0000	80(A)
66	Anthracene	178	9.667	9.667	(1.009)	3914401	80.0000	81(A)
67	Di-n-butylphthalate	149	10.233	10.233	(1.068)	4513926	80.0000	82(A)
68	Fluoranthene	202	10.867	10.867	(1.134)	3991601	80.0000	83(A)
* 70	Chrysene-d12	240	12.449	12.449	(1.000)	939296	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.007	11.007	(0.884)	406794	80.0000	54
72	Pyrene	202	11.103	11.103	(0.892)	4048310	80.0000	82(A)
$ 73	Terphenyl-d14	244	11.277	11.277	(0.906)	2688917	80.0000	83(A)
74	Butylbenzylphthalate	149	11.802	11.802	(0.948)	1759819	80.0000	87(A)
124	3,3'-Dimethylbenzidine	212	11.774	11.774	(0.946)	399248	80.0000	60
75	3,3'-Dichlorobenzidine	252	12.414	12.414	(0.997)	879226	80.0000	80(A)
76	Benzo(a)anthracene	228	12.433	12.433	(0.999)	3288745	80.0000	83(A)
77	Chrysene	228	12.486	12.486	(1.003)	3088325	80.0000	81(A)
78	Bis(2-Ethylhexyl)phthalate	149	12.489	12.489	(1.003)	1954324	80.0000	87(A)
* 79	Perylene-d12	264	14.584	14.584	(1.000)	497182	20.0000	
80	Di-n-octylphthalate	149	13.390	13.390	(0.918)	2451940	80.0000	80
81	Benzo(b)fluoranthene	252	13.962	13.962	(0.957)	2146529	80.0000	92(A)
82	Benzo(k)fluoranthene	252	14.012	14.012	(0.961)	2208082	80.0000	91(A)
83	Benzo(a)pyrene	252	14.494	14.494	(0.994)	1577654	80.0000	88(A)
84	Indeno(1,2,3-cd)pyrene	276	16.567	16.567	(1.136)	892670	80.0000	86(A)
85	Dibenzo(a,h)anthracene	278	16.620	16.620	(1.140)	916479	80.0000	92(A)
86	Benzo(g,h,i)perylene	276	17.092	17.092	(1.172)	894608	80.0000	87(A)
167	Simazine	201	9.313	9.313	(0.972)	441759	80.0000	90(A)
103	1,2,4,5-Tetrachlorobenzene	216	7.100	7.100	(0.886)	523587	80.0000	84(A)
109	2,3,4,6-Tetrachlorophenol	232	8.380	8.380	(1.046)	611670	80.0000	92(A)
119	Pentachloronitrobenzene	237	9.415	9.415	(0.982)	316236	80.0000	86(A)

QC Flag Legend

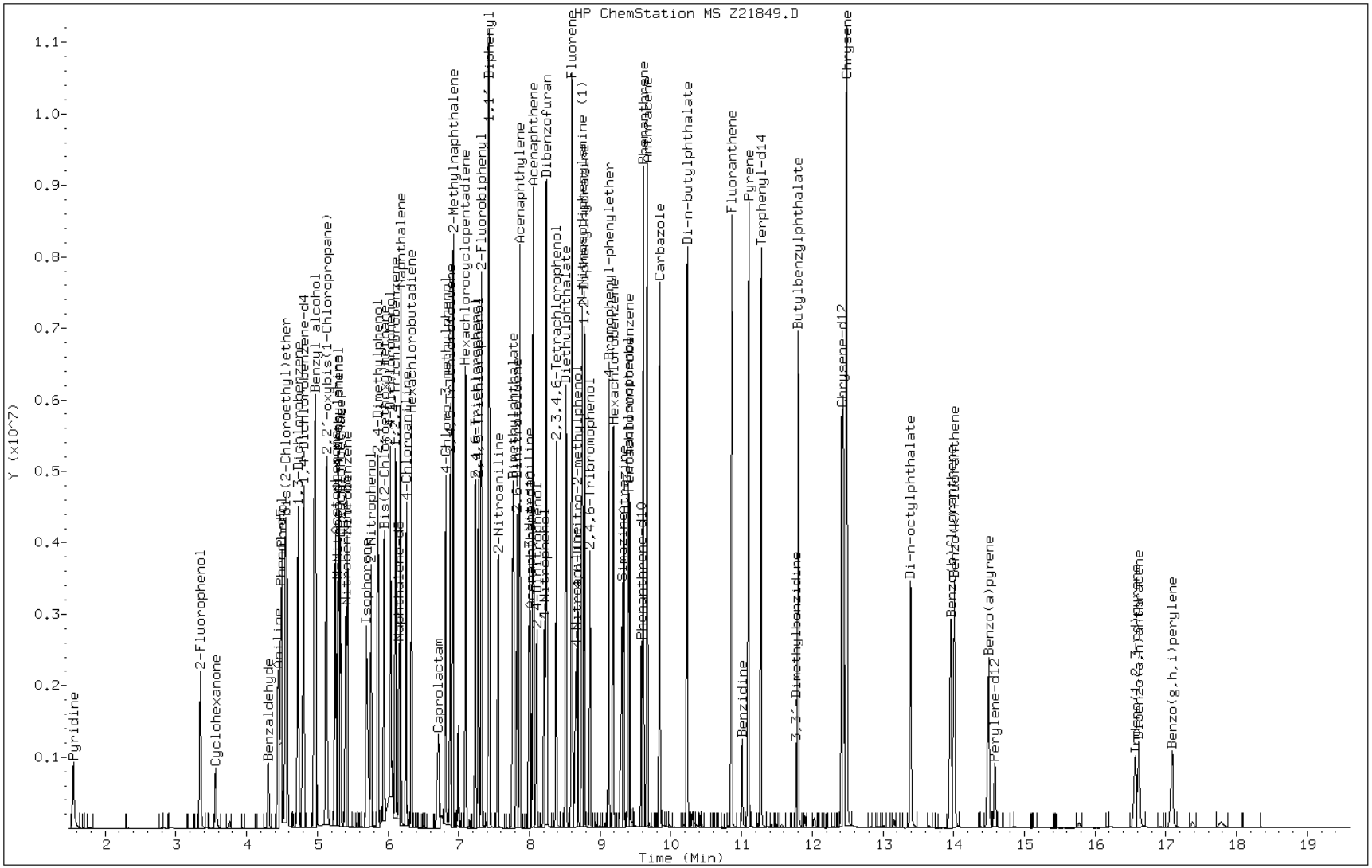
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: Z21849.D

Date: 27-JUL-2011 10:24

Client ID: IC-635518 Instrument: msz.i

Sample Info: IC-635518 Operator: S.Jonas



Manual Integration Report

Data File: Z21849.D
Inj. Date and Time: 27-JUL-2011 10:24
Instrument ID: msz.i
Client ID: IC-635518
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

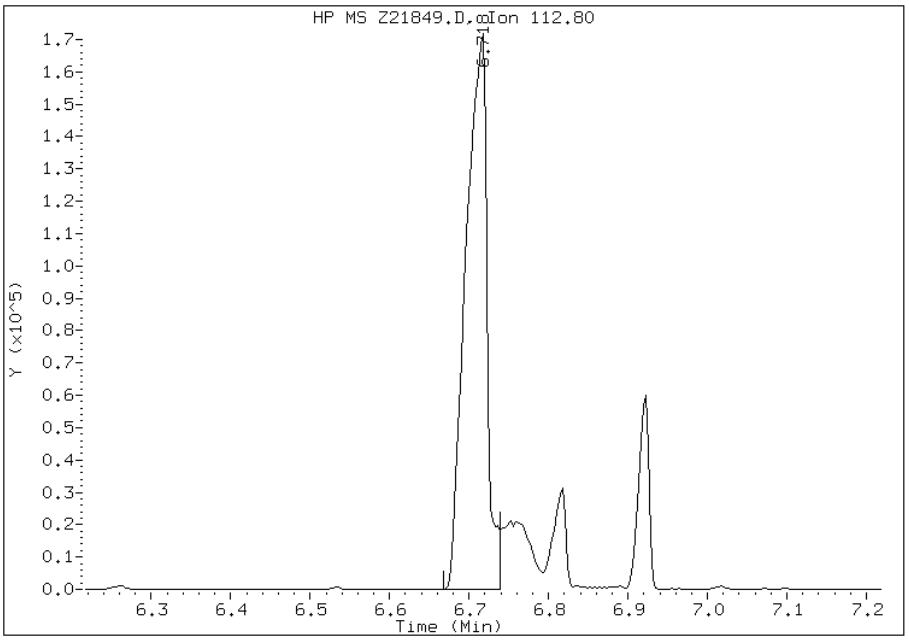
Processing Integration Results

RT: 6.72

Response: 326118

Amount: 79

Conc: 79



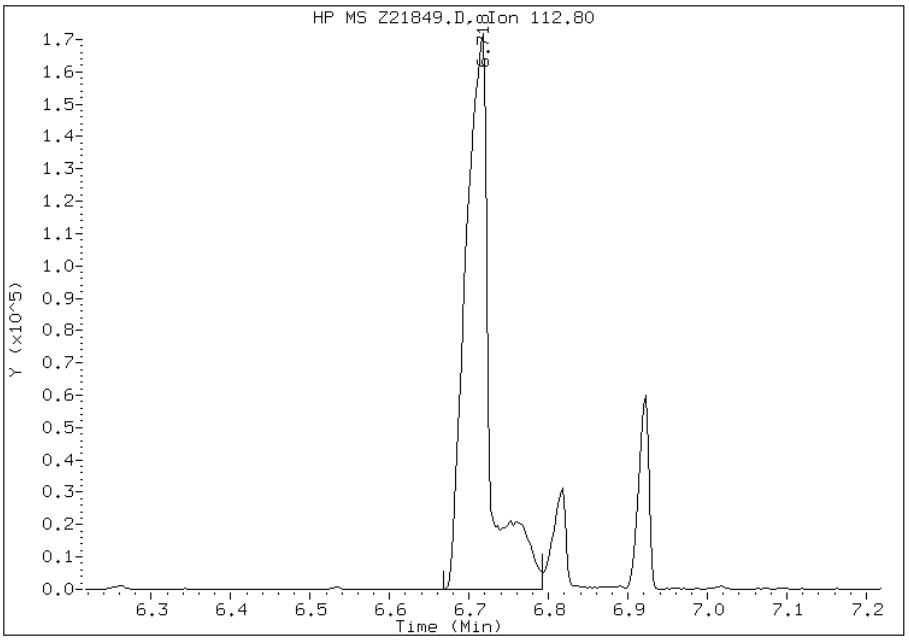
Manual Integration Results

RT: 6.72

Response: 375907

Amount: 89

Conc: 89



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z21849.D
Inj. Date and Time: 27-JUL-2011 10:24
Instrument ID: msz.i
Client ID: IC-635518
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

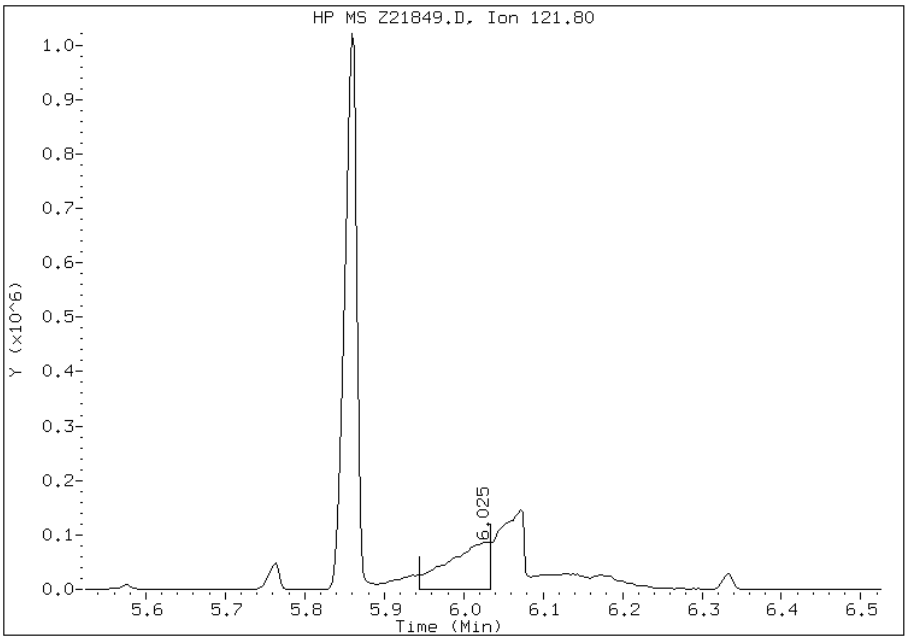
Processing Integration Results

RT: 6.02

Response: 322320

Amount: 55

Conc: 55



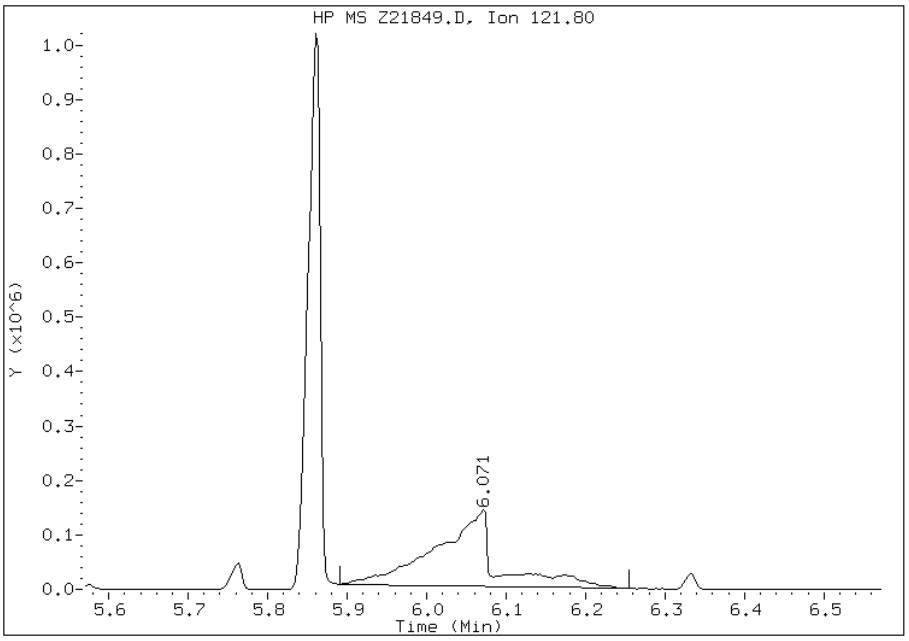
Manual Integration Results

RT: 6.07

Response: 757406

Amount: 104

Conc: 104



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53339/1 Calibration Date: 07/27/2011 07:29

Instrument ID: MSC Calib Start Date: 07/21/2011 10:38

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 07/21/2011 13:49

Lab File ID: C24496.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3140	0.2852	0.0500	36.3	40.0	-9.2	30.0
Pyridine	Ave	0.4033	0.3788	0.0500	37.6	40.0	-6.1	30.0
Cyclohexanone	Ave	0.6729	0.6453	0.0500	38.4	40.0	-4.1	30.0
Benzaldehyde	Ave	0.5345	0.3061	0.0500	22.9	40.0	-42.7*	30.0
Aniline	Ave	1.734	1.534	0.0500	35.4	40.0	-11.5	30.0
Phenol	Ave	1.634	1.410	0.0500	34.5	40.0	-13.7	20.0
Bis(2-chloroethyl)ether	Ave	1.121	0.9838	0.0500	35.1	40.0	-12.3	30.0
2-Chlorophenol	Ave	1.396	1.221	0.0500	35.0	40.0	-12.5	30.0
1,3-Dichlorobenzene	Ave	1.576	1.385	0.0500	35.1	40.0	-12.2	30.0
1,4-Dichlorobenzene	Ave	1.622	1.389	0.0500	34.3	40.0	-14.3	20.0
1,2-Dichlorobenzene	Ave	1.525	1.310	0.0500	34.4	40.0	-14.1	30.0
Benzyl alcohol	Ave	0.7996	0.7599	0.0500	38.0	40.0	-5.0	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.378	2.187	0.0500	36.8	40.0	-8.0	30.0
2-Methylphenol	Ave	1.199	1.046	0.0500	34.9	40.0	-12.8	30.0
Acetophenone	Ave	1.727	1.490	0.0500	34.5	40.0	-13.7	30.0
N-Nitrosodi-n-propylamine	Ave	1.006	0.8964	0.0500	35.7	40.0	-10.9	30.0
4-Methylphenol	Ave	1.296	1.153	0.0500	35.6	40.0	-11.0	30.0
Hexachloroethane	Ave	0.6614	0.5895	0.0500	35.7	40.0	-10.9	30.0
Nitrobenzene	Ave	0.3490	0.3102	0.0500	35.6	40.0	-11.1	30.0
Isophorone	Ave	0.6448	0.5685	0.0500	35.3	40.0	-11.8	30.0
2-Nitrophenol	Ave	0.1972	0.1791	0.0500	36.3	40.0	-9.2	20.0
2,4-Dimethylphenol	Ave	0.2937	0.2672	0.0500	36.4	40.0	-9.0	30.0
Bis(2-chloroethoxy)methane	Ave	0.4015	0.3499	0.0500	34.9	40.0	-12.9	30.0
2,4-Dichlorophenol	Ave	0.2918	0.2582	0.0500	35.4	40.0	-11.5	20.0
Benzoic acid	Ave	0.1165	0.1659	0.0500	57.0	40.0	42.4*	30.0
1,2,4-Trichlorobenzene	Ave	0.3273	0.2839	0.0500	34.7	40.0	-13.3	30.0
Naphthalene	Ave	0.9722	0.8411	0.0500	34.6	40.0	-13.5	30.0
4-Chloroaniline	Ave	0.4119	0.3661	0.0500	35.6	40.0	-11.1	30.0
Hexachlorobutadiene	Ave	0.1943	0.1666	0.0500	34.3	40.0	-14.3	20.0
Caprolactam	Ave	0.0961	0.0913	0.0500	38.0	40.0	-5.0	30.0
4-Chloro-3-methylphenol	Ave	0.2952	0.2659	0.0500	36.0	40.0	-9.9	20.0
2,4,5-Trichlorotoluene	Ave	1.193	1.023	0.0500	34.3	40.0	-14.2	30.0
2-Methylnaphthalene	Ave	0.6826	0.5804	0.0500	34.0	40.0	-15.0	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.2444	0.2213	0.0500	36.2	40.0	-9.5	30.0
Hexachlorocyclopentadiene	Qua	0.2186	0.2748	0.0500	38.5	40.0	-3.8	30.0
2,4,6-Trichlorophenol	Ave	0.3508	0.3067	0.0500	35.0	40.0	-12.6	20.0
2,4,5-Trichlorophenol	Ave	0.3600	0.3296	0.0500	36.6	40.0	-8.4	30.0
1,1'-Biphenyl	Ave	1.299	1.084	0.0500	33.4	40.0	-16.6	30.0
2-Chloronaphthalene	Ave	1.055	0.8829	0.0500	33.5	40.0	-16.3	30.0
2-Nitroaniline	Ave	0.3359	0.3001	0.0500	35.7	40.0	-10.7	30.0
Dimethyl phthalate	Ave	1.213	1.038	0.0500	34.2	40.0	-14.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53339/1 Calibration Date: 07/27/2011 07:29

Instrument ID: MSC Calib Start Date: 07/21/2011 10:38

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 07/21/2011 13:49

Lab File ID: C24496.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Ave	0.2931	0.2611	0.0500	35.6	40.0	-10.9	30.0
Acenaphthylene	Ave	1.701	1.449	0.0500	34.1	40.0	-14.8	30.0
3-Nitroaniline	Ave	0.3313	0.3022	0.0500	36.5	40.0	-8.8	30.0
Acenaphthene	Ave	1.102	0.9241	0.0500	33.5	40.0	-16.2	20.0
2,4-Dinitrophenol	Qua	0.0925	0.1511	0.0500	47.3	40.0	18.2	30.0
4-Nitrophenol	Ave	0.1332	0.1313	0.0500	39.4	40.0	-1.4	30.0
Dibenzofuran	Ave	1.532	1.289	0.0500	33.6	40.0	-15.9	30.0
2,4-Dinitrotoluene	Ave	0.3969	0.3502	0.0500	35.3	40.0	-11.8	30.0
2,3,4,6-Tetrachlorophenol	Lin	0.2616	0.2613	0.0500	35.2	40.0	-12.0	30.0
Diethyl phthalate	Ave	1.267	1.112	0.0500	35.1	40.0	-12.2	30.0
Fluorene	Ave	1.270	1.070	0.0500	33.7	40.0	-15.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.6275	0.5295	0.0500	33.7	40.0	-15.6	30.0
4-Nitroaniline	Ave	0.3265	0.3043	0.0500	37.3	40.0	-6.8	30.0
4,6-Dinitro-2-methylphenol	Lin	0.1069	0.1201	0.0500	39.7	40.0	-0.7	30.0
N-Nitrosodiphenylamine	Ave	0.5429	0.4482	0.0500	33.0	40.0	-17.4	20.0
1,2-Diphenylhydrazine	Ave	0.7593	0.6391	0.0500	33.7	40.0	-15.8	30.0
4-Bromophenyl phenyl ether	Ave	0.2153	0.1779	0.0500	33.0	40.0	-17.4	30.0
Hexachlorobenzene	Ave	0.2283	0.1856	0.0500	32.5	40.0	-18.7	30.0
Simazine	Ave	0.1258	0.1131	0.0500	36.0	40.0	-10.1	30.0
Atrazine	Ave	0.1893	0.1728	0.0500	36.5	40.0	-8.7	30.0
Pentachlorophenol	Lin	0.1063	0.1104	0.0500	37.3	40.0	-6.9	20.0
Pentachloronitrobenzene	Ave	0.0866	0.0782	0.0500	36.1	40.0	-9.7	30.0
Phenanthrene	Ave	1.030	0.8373	0.0500	32.5	40.0	-18.7	30.0
Anthracene	Ave	1.027	0.8451	0.0500	32.9	40.0	-17.7	30.0
Carbazole	Ave	0.9817	0.8488	0.0500	34.6	40.0	-13.5	30.0
Di-n-butyl phthalate	Ave	1.144	0.9600	0.0500	33.6	40.0	-16.1	30.0
Fluoranthene	Ave	1.116	0.9664	0.0500	34.6	40.0	-13.4	20.0
Benzidine	Ave	0.2357	0.2030	0.0500	34.5	40.0	-13.9	30.0
Pyrene	Ave	1.241	0.9540	0.0500	30.7	40.0	-23.1	30.0
3,3'-Dimethylbenzidine	Ave	0.2117	0.2160	0.0500	40.8	40.0	2.1	30.0
Butyl benzyl phthalate	Ave	0.5357	0.4763	0.0500	35.6	40.0	-11.1	30.0
3,3'-Dichlorobenzidine	Ave	0.3080	0.2896	0.0500	37.6	40.0	-6.0	30.0
Benzo[a]anthracene	Ave	1.095	0.8964	0.0500	32.7	40.0	-18.1	30.0
Chrysene	Ave	1.028	0.8151	0.0500	31.7	40.0	-20.7	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.5703	0.5999	0.0500	42.1	40.0	5.2	30.0
Di-n-octyl phthalate	Qua	1.144	1.282	0.0500	38.6	40.0	-3.4	20.0
Benzo[b]fluoranthene	Ave	1.338	1.090	0.0500	32.6	40.0	-18.5	30.0
Benzo[k]fluoranthene	Ave	1.381	1.099	0.0500	31.8	40.0	-20.4	30.0
Benzo[a]pyrene	Ave	0.9736	0.8203	0.0500	33.7	40.0	-15.7	20.0
Indeno[1,2,3-cd]pyrene	Qua	0.4734	0.3636	0.0500	33.3	40.0	-16.7	30.0
Dibenz(a,h)anthracene	Qua	0.4621	0.3604	0.0500	32.7	40.0	-18.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Lab Sample ID: CCVIS 220-53339/1 Calibration Date: 07/27/2011 07:29

Instrument ID: MSC Calib Start Date: 07/21/2011 10:38

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 07/21/2011 13:49

Lab File ID: C24496.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Qua	0.4692	0.3100	0.0500	28.8	40.0	-27.9	30.0
2-Fluorophenol	Ave	1.098	0.9633	0.0500	35.1	40.0	-12.2	30.0
Phenol-d5	Ave	1.499	1.312	0.0500	35.0	40.0	-12.5	30.0
Nitrobenzene-d5	Ave	0.3441	0.3055	0.0500	35.5	40.0	-11.2	30.0
2-Fluorobiphenyl	Ave	1.179	0.9915	0.0500	33.6	40.0	-15.9	30.0
2,4,6-Tribromophenol	Ave	0.1720	0.1544	0.0500	35.9	40.0	-10.2	30.0
Terphenyl-d14	Ave	0.8592	0.6522	0.0500	30.4	40.0	-24.1	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24496.D
Lab Smp Id: CCVIS-641574 Client Smp ID: CCVIS-641574
Inj Date : 27-JUL-2011 07:29
Operator : S.Jonas Inst ID: msc.i
Smp Info : CCVIS-641574
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1027229	20.0000	
$ 2	2-Fluorophenol	112	3.356	3.356	(0.699)	1979140	40.0000	35
$ 3	Phenol-d5	99	4.490	4.490	(0.936)	2695064	40.0000	35
4	Pyridine	52	1.563	1.563	(0.326)	778295	40.0000	38
5	N-Nitrosodimethylamine	42	1.552	1.552	(0.323)	585848	40.0000	36
6	Cyclohexanone	42	3.570	3.570	(0.744)	1325747	40.0000	38
128	Benzaldehyde	77	4.317	4.317	(0.900)	628878	40.0000	23
7	Phenol	94	4.501	4.501	(0.938)	2895988	40.0000	35
8	Aniline	93	4.454	4.454	(0.928)	3152307	40.0000	35
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.949)	2021139	40.0000	35
10	2-Chlorophenol	128	4.584	4.584	(0.955)	2508437	40.0000	35
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.988)	2844692	40.0000	35
12	1,4-Dichlorobenzene	146	4.816	4.816	(1.004)	2854398	40.0000	34
13	Benzyl alcohol	108	4.988	4.988	(1.040)	1561240	40.0000	38
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.038)	2690788	40.0000	34
15	2,2'-oxybis(1-Chloropropane)	45	5.136	5.136	(1.070)	4493931	40.0000	37
16	2-Methylphenol	108	5.142	5.142	(1.072)	2148495	40.0000	35
92	Acetophenone	105	5.261	5.261	(1.096)	3061151	40.0000	35
17	Hexachloroethane	117	5.338	5.338	(1.113)	1211016	40.0000	36
18	N-Nitroso-di-n-propylamine	70	5.285	5.285	(1.101)	1841555	40.0000	36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.309	5.309	(1.106)	2369011	40.0000	36
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	4228857	20.0000	
$	21 Nitrobenzene-d5	82	5.409	5.409	(0.878)	2583434	40.0000	36
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2623686	40.0000	36
	23 Isophorone	82	5.694	5.694	(0.924)	4807808	40.0000	35
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1514954	40.0000	36
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	2259889	40.0000	36
	26 Benzoic Acid	122	6.045	6.045	(0.981)	1403319	40.0000	57(M)
	27 Bis(2-Chloroethoxy)methane	93	5.950	5.950	(0.965)	2959361	40.0000	35
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	2183419	40.0000	35
	29 1,2,4-Trichlorobenzene	180	6.116	6.116	(0.992)	2401156	40.0000	35
	30 Naphthalene	128	6.187	6.187	(1.004)	7114113	40.0000	35
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	3096528	40.0000	36
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1408984	40.0000	34
	129 Caprolactam	113	6.686	6.686	(1.085)	772179	40.0000	38(M)
	33 4-Chloro-3-methylphenol	107	6.822	6.822	(1.107)	2248960	40.0000	36
	34 2-Methylnaphthalene	142	6.929	6.929	(1.124)	4908488	40.0000	34
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	2682714	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.893	6.893	(1.437)	2102222	40.0000	34
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	1474473	40.0000	38
	38 2,4,6-Trichlorophenol	196	7.243	7.243	(0.902)	1645298	40.0000	35
	39 2,4,5-Trichlorophenol	196	7.285	7.285	(0.908)	1768377	40.0000	37
$	40 2-Fluorobiphenyl	172	7.333	7.333	(0.913)	5319544	40.0000	34
	130 1,1'-Biphenyl	154	7.433	7.433	(0.926)	5813430	40.0000	33
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4737195	40.0000	33
	42 2-Nitroaniline	65	7.564	7.564	(0.942)	1609950	40.0000	36
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7776460	40.0000	34
	44 Dimethylphthalate	163	7.778	7.778	(0.969)	5571678	40.0000	34
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1400873	40.0000	36
	46 Acenaphthene	153	8.063	8.063	(1.004)	4958039	40.0000	34
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1621366	40.0000	36
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	810773	40.0000	47
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6914522	40.0000	34
	50 2,4-Dinitrotoluene	165	8.252	8.252	(1.028)	1878873	40.0000	35
	51 4-Nitrophenol	109	8.217	8.217	(1.024)	704595	40.0000	39
	52 Fluorene	166	8.609	8.609	(1.072)	5738449	40.0000	34
	53 4-Chlorophenyl-phenylether	204	8.620	8.620	(1.074)	2840819	40.0000	34
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5968916	40.0000	35
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1632758	40.0000	37
$	56 2,4,6-Tribromophenol	330	8.864	8.864	(1.104)	828585	40.0000	36
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	4803738	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1154190	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4305663	40.0000	33
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	6139643	40.0000	34
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1708645	40.0000	33
	131 Atrazine	200	9.339	9.339	(0.973)	1660322	40.0000	37
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1783000	40.0000	33
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1061028	40.0000	37
	64 Phenanthrene	178	9.624	9.624	(1.003)	8044248	40.0000	33
	65 Carbazole	167	9.855	9.855	(1.027)	8154380	40.0000	35
	66 Anthracene	178	9.677	9.677	(1.009)	8118755	40.0000	33
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9222740	40.0000	34
	68 Fluoranthene	202	10.876	10.876	(1.134)	9285073	40.0000	35
*	70 Chrysene-d12	240	12.472	12.472	(1.000)	4986002	20.0000	

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	71 Benzidine	184	11.024	11.024	(0.884)	2024592	40.0000	34
	72 Pyrene	202	11.113	11.113	(0.891)	9513219	40.0000	31
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	6503492	40.0000	30
	74 Butylbenzylphthalate	149	11.820	11.820	(0.948)	4750015	40.0000	36
	124 3,3'-Dimethylbenzidine	212	11.796	11.796	(0.946)	2154015	40.0000	41
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2887631	40.0000	38
	76 Benzo(a)anthracene	228	12.455	12.455	(0.999)	8938391	40.0000	33
	77 Chrysene	228	12.508	12.508	(1.003)	8127732	40.0000	32
	78 Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	5981831	40.0000	42
*	79 Perylene-d12	264	14.633	14.633	(1.000)	3160978	20.0000	
	80 Di-n-octylphthalate	149	13.428	13.428	(0.918)	8102145	40.0000	39
	81 Benzo(b)fluoranthene	252	14.004	14.004	(0.957)	6893757	40.0000	33
	82 Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	6948630	40.0000	32
	83 Benzo(a)pyrene	252	14.544	14.544	(0.994)	5186058	40.0000	34
	84 Indeno(1,2,3-cd)pyrene	276	16.627	16.627	(1.136)	2298590	40.0000	33
	85 Dibenzo(a,h)anthracene	278	16.675	16.675	(1.140)	2278644	40.0000	33
	86 Benzo(g,h,i)perylene	276	17.144	17.144	(1.172)	1959959	40.0000	29
	167 Simazine	201	9.315	9.315	(0.971)	1086632	40.0000	36
	103 1,2,4,5-Tetrachlorobenzene	216	7.107	7.107	(0.885)	1187300	40.0000	36
	109 2,3,4,6-Tetrachlorophenol	232	8.389	8.389	(1.045)	1401738	40.0000	35
	119 Pentachloronitrobenzene	237	9.428	9.428	(0.983)	751612	40.0000	36

QC Flag Legend

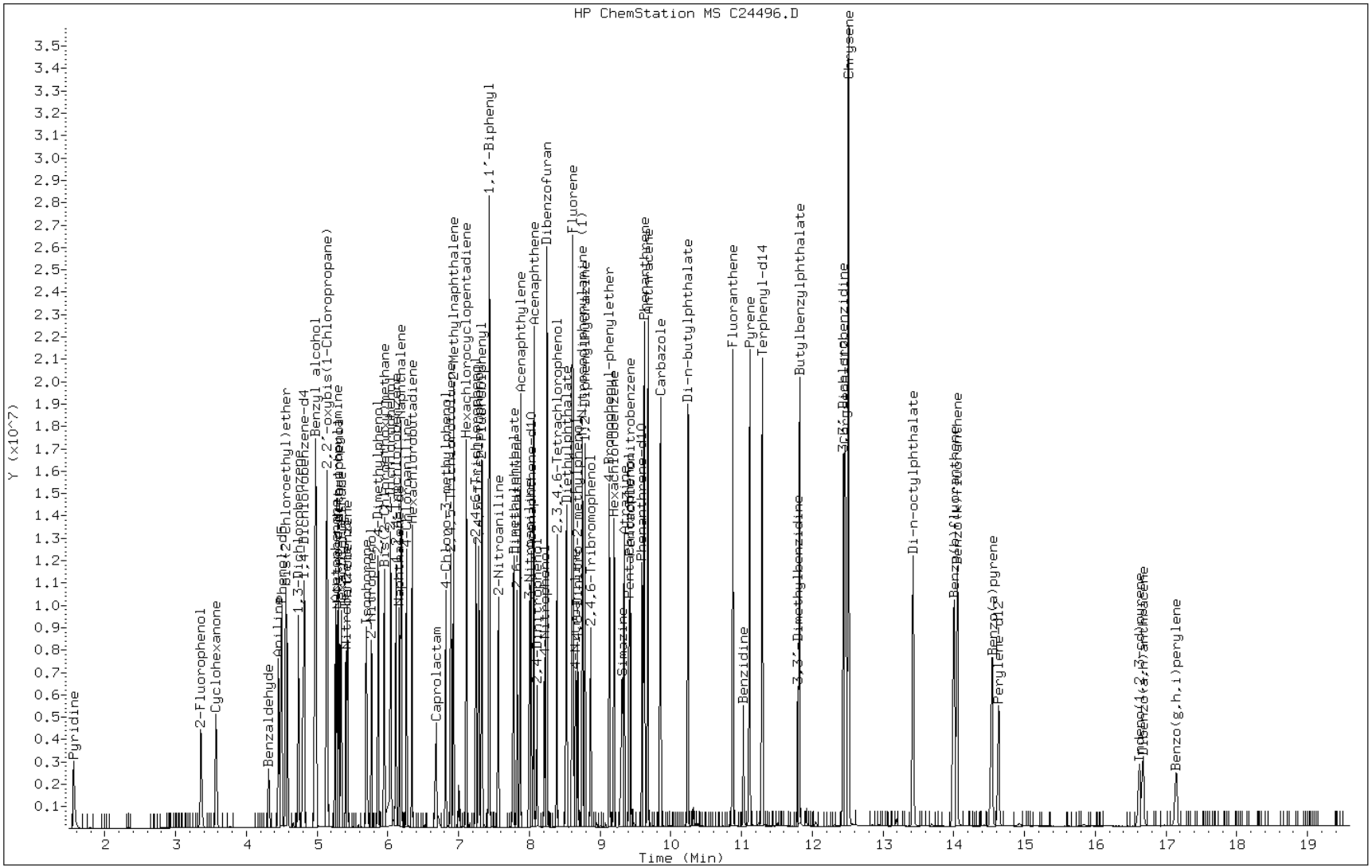
M - Compound response manually integrated.

Data File: C24496.D

Date: 27-JUL-2011 07:29

Client ID: CCVIS-641574 Instrument: msc.i

Sample Info: CCVIS-641574 Operator: S.Jonas



Manual Integration Report

Data File: C24496.D
Inj. Date and Time: 27-JUL-2011 07:29
Instrument ID: msc.i
Client ID: CCVIS-641574
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 07/27/2011

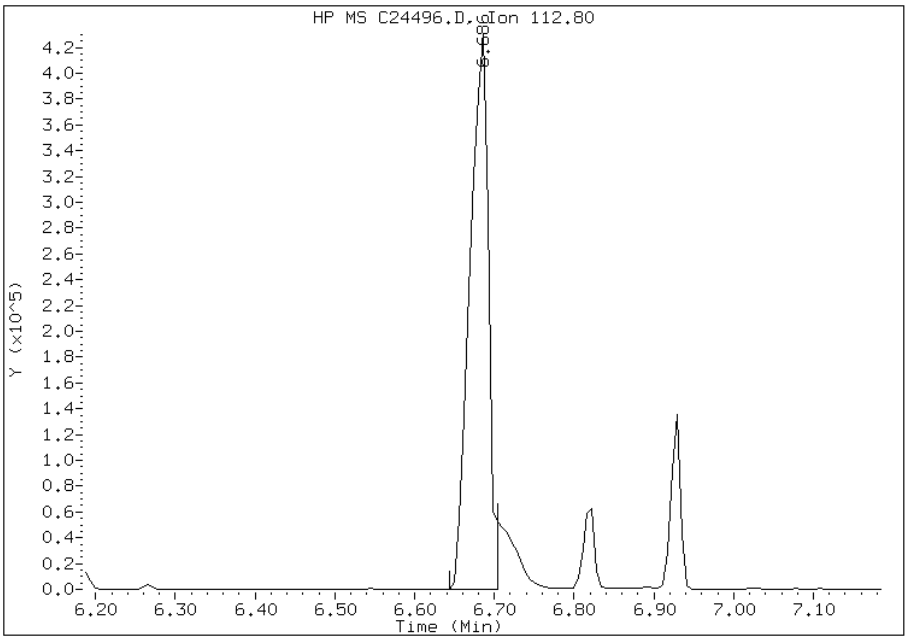
Processing Integration Results

RT: 6.69

Response: 699981

Amount: 34

Conc: 34



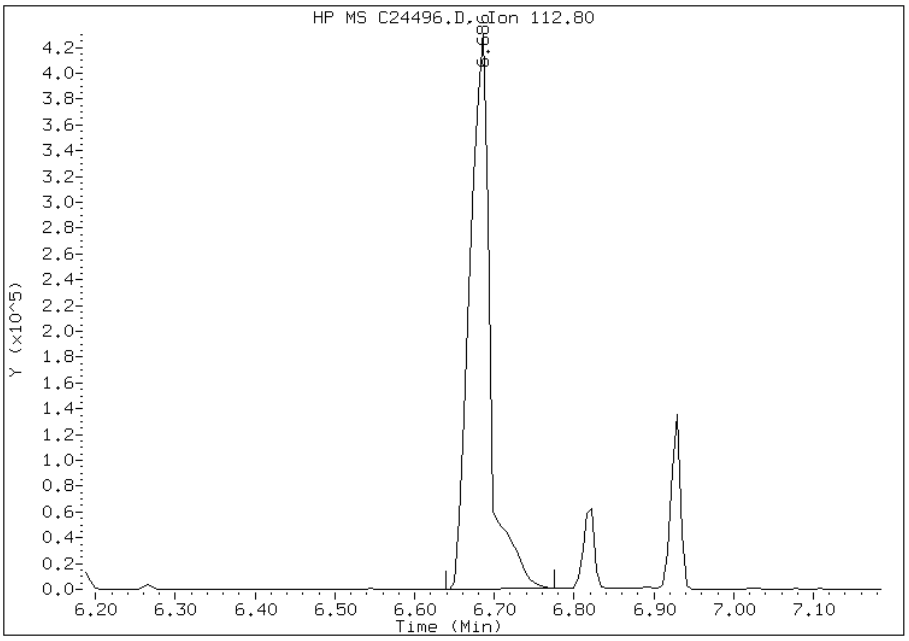
Manual Integration Results

RT: 6.69

Response: 772179

Amount: 38

Conc: 38



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C24496.D
Inj. Date and Time: 27-JUL-2011 07:29
Instrument ID: msc.i
Client ID: CCVIS-641574
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 07/27/2011

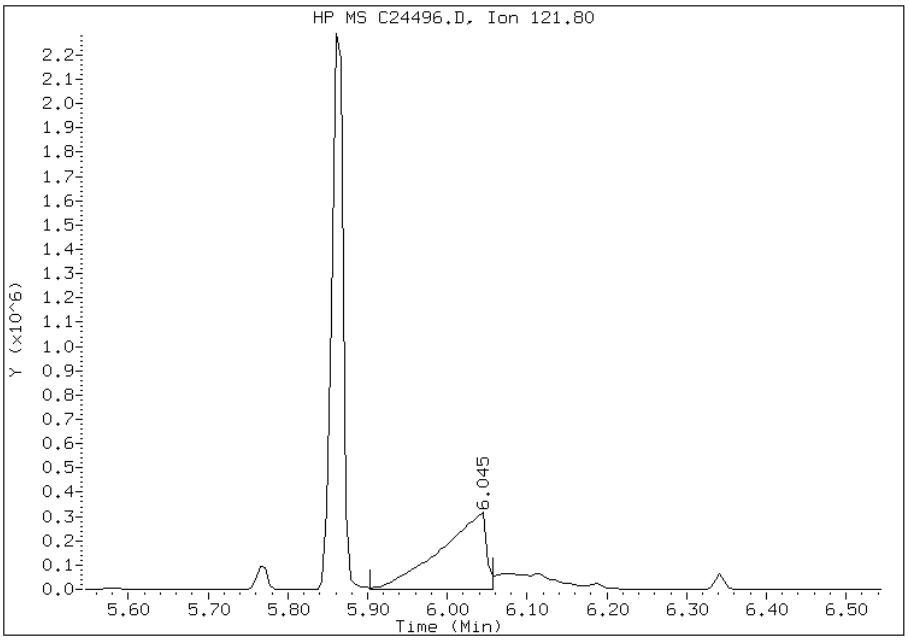
Processing Integration Results

RT: 6.05

Response: 1247835

Amount: 51

Conc: 51



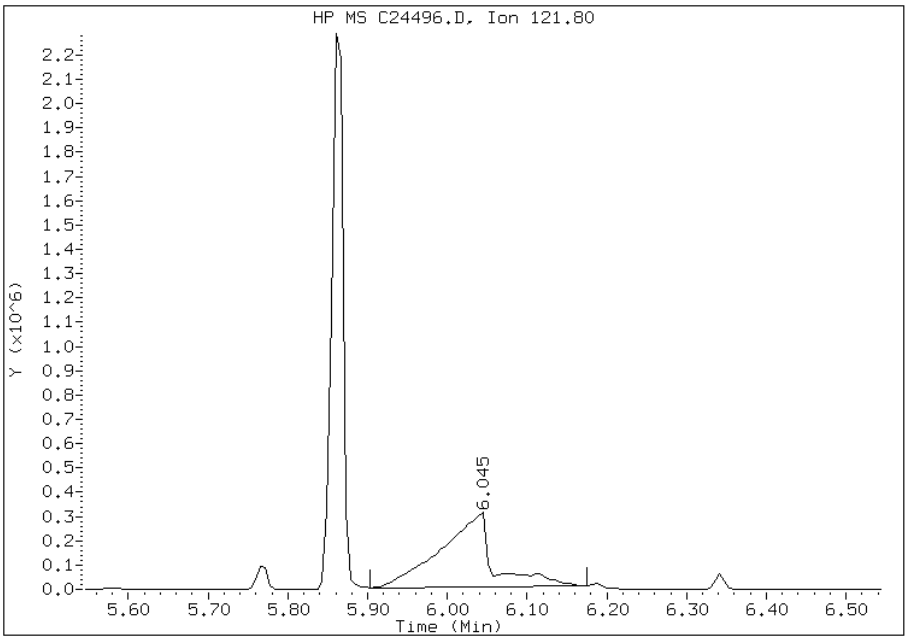
Manual Integration Results

RT: 6.05

Response: 1403319

Amount: 57

Conc: 57



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\Cs24381.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 21-JUL-2011 10:20
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan 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: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
4.462	4.575	-0.113	198	263232			0.00- 100.00	100.00
4.462	9.361	-4.899	51	119064			30.00- 60.00	45.23
4.462	9.361	-4.899	68	1821			0.00- 2.00	1.61
4.462	9.361	-4.899	69	112776			0.00- 100.00	42.84
4.462	9.361	-4.899	70	548			0.00- 2.00	0.49
4.462	9.361	-4.899	127	126392			40.00- 60.00	48.02
4.462	9.361	-4.899	197	0	0.0	0.0	0.00- 1.00	0.00
4.462	9.361	-4.899	199	16808			5.00- 9.00	6.39
4.462	9.361	-4.899	275	60920			10.00- 30.00	23.14
4.462	9.361	-4.899	365	5740			1.00- 100.00	2.18
4.462	9.361	-4.899	441	28840			0.01- 99.99	77.06
4.462	9.361	-4.899	442	200384			40.00- 100.00	76.12
4.462	9.361	-4.899	443	37424			17.00- 23.00	18.68

Data File: Cs24381.D

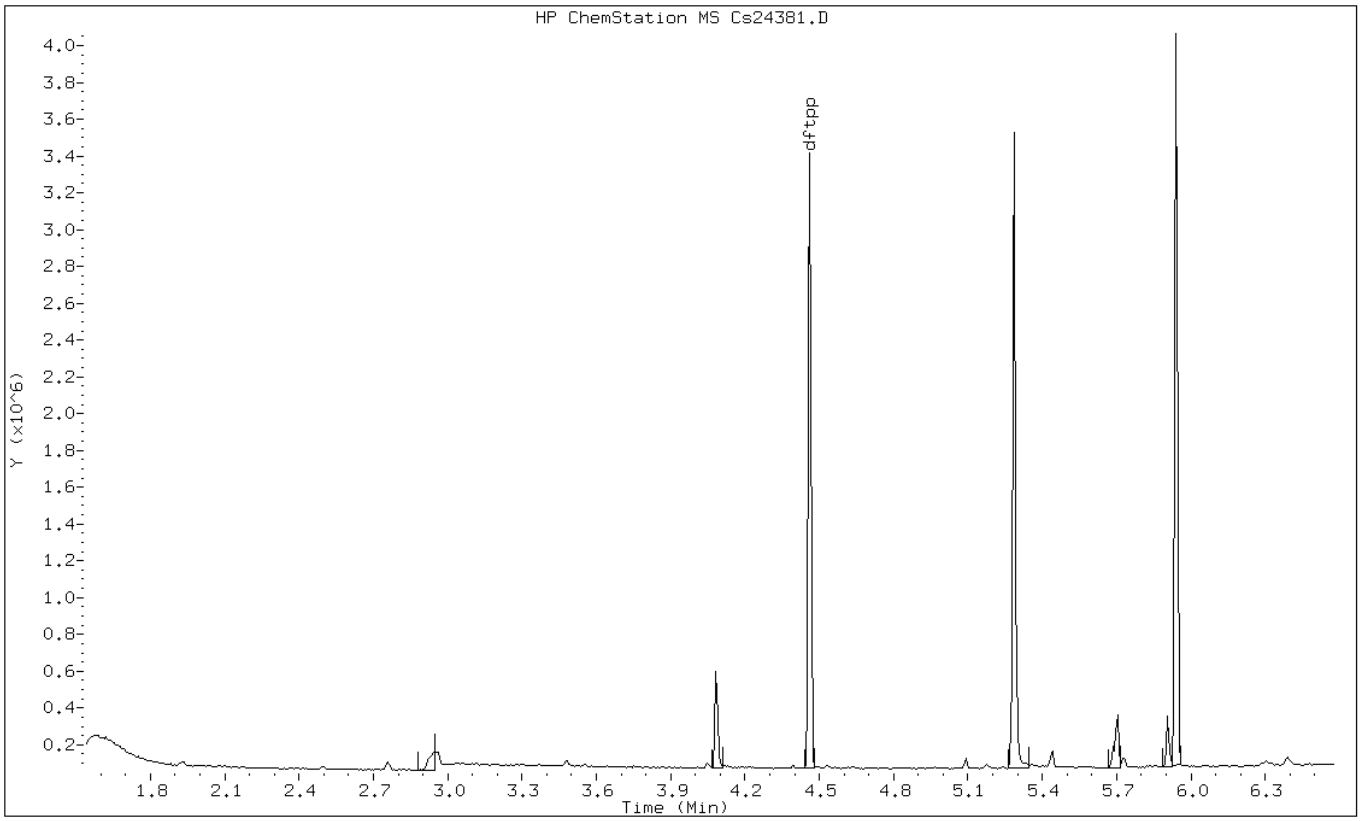
Date: 21-JUL-2011 10:20

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



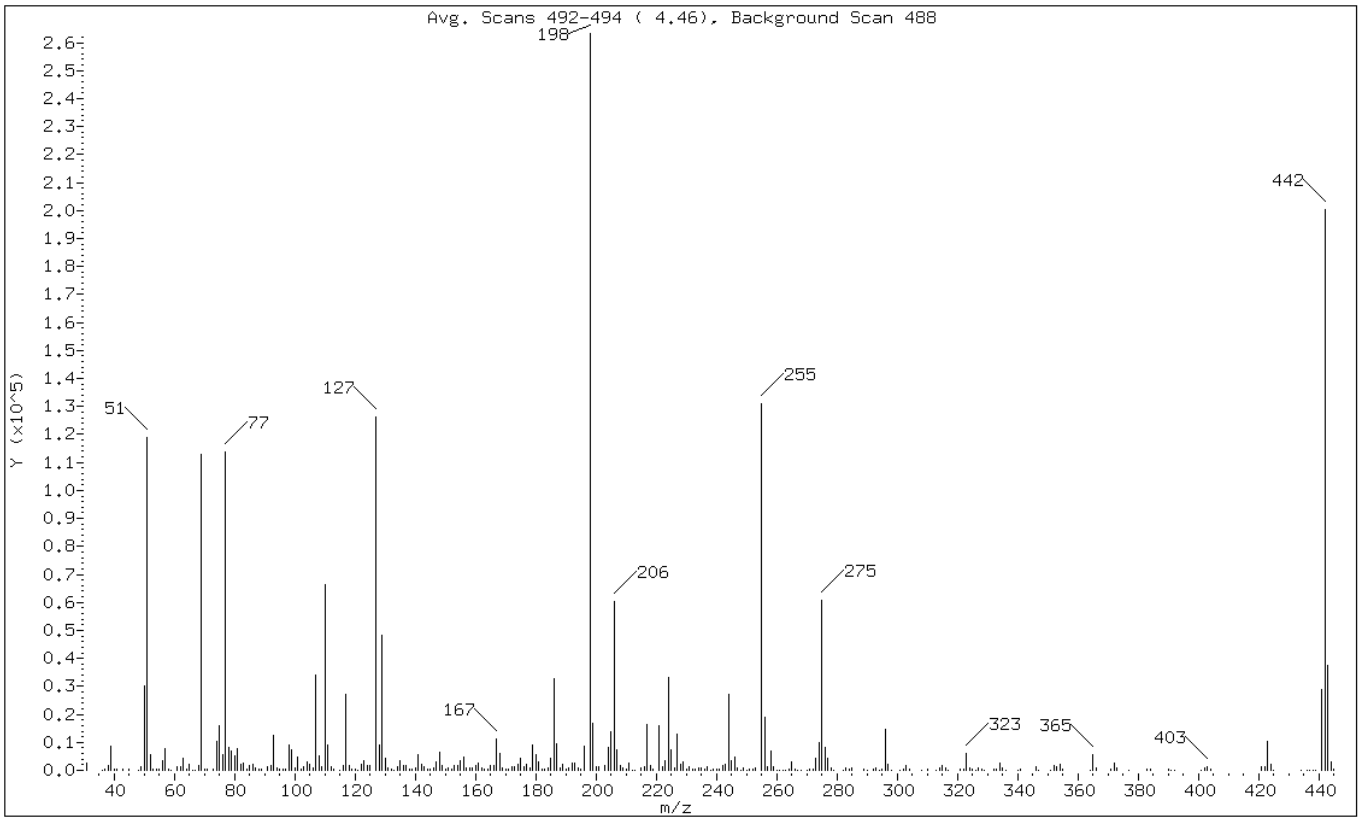
Data File: Cs24381.D

Date: 21-JUL-2011 10:20

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

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	45.23
68	Less than 2.00% of mass 69	0.69 (1.61)
69	Less than 100.00% of mass 198	42.84
70	Less than 2.00% of mass 69	0.21 (0.49)
127	40.00 - 60.00% of mass 198	48.02
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.39
275	10.00 - 30.00% of mass 198	23.14
365	1.00 - 100.00% of mass 198	2.18
441	Present, but less than mass 443	10.96
442	40.00 - 100.00% of mass 198	76.12
443	17.00 - 23.00% of mass 442	14.22 (18.68)

Data File: Cs24381.D

Date: 21-JUL-2011 10:20

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\Consvr05\Files\Chem\BNA\msc.i\C1124381.b\Cs24381.D
Spectrum: Avg. Scans 492-494 (4.46), Background Scan 488
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	2565	121.00	123	201.00	1407	289.00	324
36.00	180	122.00	2223	203.00	1533	290.00	144
37.00	534	123.00	3240	204.00	8050	292.00	270
38.00	1647	124.00	1723	205.00	13812	293.00	1047
39.00	8734	125.00	1587	206.00	60416	294.00	201
40.00	243	127.00	126392	207.00	7320	295.00	296
41.00	448	128.00	8894	208.00	1835	296.00	14827
43.00	237	129.00	48240	209.00	673	297.00	2133
45.00	240	130.00	4319	210.00	573	298.00	79
48.00	97	131.00	965	211.00	2523	301.00	181
49.00	1248	132.00	559	212.00	77	302.00	249
50.00	30000	133.00	133	213.00	169	303.00	1795
51.00	119064	134.00	1237	215.00	655	304.00	600
52.00	5789	135.00	3492	216.00	1354	308.00	212
53.00	361	136.00	1529	217.00	16528	310.00	216
54.00	276	137.00	1826	218.00	1873	313.00	121
55.00	616	138.00	613	219.00	264	314.00	888
56.00	3367	139.00	286	221.00	15748	315.00	1821
57.00	7681	140.00	665	222.00	1254	316.00	933
58.00	339	141.00	5774	223.00	3587	317.00	82
59.00	138	142.00	2161	224.00	33296	321.00	493
61.00	1393	143.00	1332	225.00	7468	322.00	224
62.00	1396	144.00	335	226.00	1024	323.00	5925
63.00	4136	145.00	476	227.00	13082	324.00	983
64.00	580	146.00	962	228.00	1992	325.00	333
65.00	2285	147.00	3183	229.00	2839	326.00	142
66.00	215	148.00	6675	230.00	312	327.00	1021
67.00	76	149.00	1638	231.00	1163	328.00	480
68.00	1821	150.00	458	232.00	278	329.00	163
69.00	112776	151.00	937	233.00	370	332.00	384
70.00	548	152.00	543	234.00	882	333.00	454
71.00	303	153.00	1811	235.00	953	334.00	2736
73.00	339	154.00	1537	236.00	567	335.00	911
74.00	10414	155.00	3258	237.00	1134	336.00	83
75.00	15797	156.00	4806	238.00	57	340.00	54
76.00	5669	157.00	927	239.00	622	341.00	551
77.00	113840	158.00	1015	240.00	343	346.00	1259
78.00	8146	159.00	744	241.00	646	347.00	191
79.00	6767	160.00	1727	242.00	1585	351.00	119
80.00	5272	161.00	2765	243.00	2326	352.00	1909

81.00	7717	162.00	928	244.00	27120	353.00	1161
82.00	2081	163.00	331	245.00	3427	354.00	1975
83.00	2555	164.00	340	246.00	4644	355.00	266
84.00	362	165.00	1812	247.00	1036	364.00	66
85.00	1641	166.00	1720	248.00	198	365.00	5740
86.00	2040	167.00	11310	249.00	896	366.00	1052
87.00	842	168.00	5870	250.00	178	371.00	546
88.00	287	169.00	941	251.00	239	372.00	2452
89.00	258	170.00	489	252.00	450	373.00	780
91.00	1443	171.00	547	253.00	898	377.00	63
92.00	1904	172.00	1138	255.00	130904	383.00	600
93.00	12574	173.00	1193	256.00	18776	384.00	264
94.00	883	174.00	2291	257.00	1470	390.00	363
95.00	507	175.00	4405	258.00	6860	391.00	198
96.00	523	176.00	1392	259.00	1303	392.00	108
97.00	349	177.00	2293	260.00	128	401.00	125
98.00	9029	178.00	758	261.00	164	402.00	788
99.00	7140	179.00	8972	262.00	62	403.00	1421
100.00	785	180.00	5749	263.00	63	404.00	517
101.00	4559	181.00	2977	264.00	324	421.00	1489
102.00	364	182.00	499	265.00	2863	422.00	1173
103.00	1484	183.00	391	266.00	459	423.00	10347
104.00	2848	184.00	723	267.00	54	424.00	2264
105.00	2300	185.00	4145	268.00	94	425.00	174
106.00	956	186.00	32728	270.00	175	434.00	57
107.00	33904	187.00	9277	271.00	350	436.00	81
108.00	5135	188.00	873	272.00	485	437.00	147
109.00	1265	189.00	2197	273.00	4346	438.00	54
110.00	66152	190.00	332	274.00	9870	439.00	125
111.00	9172	191.00	983	275.00	60920	441.00	28840
112.00	1146	192.00	2477	276.00	8147	442.00	200384
113.00	230	193.00	2778	277.00	4497	443.00	37424
115.00	32	194.00	701	278.00	854	444.00	3174
116.00	1865	195.00	269	279.00	139	445.00	274
117.00	27248	196.00	8535	282.00	100		
118.00	1666	198.00	263232	283.00	699		
119.00	305	199.00	16808	284.00	489		
120.00	454	200.00	1331	285.00	896		

TestAmerica Inc

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\Cs24495.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 27-JUL-2011 07:11
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan 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: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
4.403	4.575	-0.172	198	400704			0.00- 100.00	100.00
4.403	9.361	-4.958	51	195776			30.00- 60.00	48.86
4.403	9.361	-4.958	68	834			0.00- 2.00	0.45
4.403	9.361	-4.958	69	184192			0.00- 100.00	45.97
4.403	9.361	-4.958	70	867			0.00- 2.00	0.47
4.403	9.361	-4.958	127	198784			40.00- 60.00	49.61
4.403	9.361	-4.958	197	1509			0.00- 1.00	0.38
4.403	9.361	-4.958	199	27712			5.00- 9.00	6.92
4.403	9.361	-4.958	275	89832			10.00- 30.00	22.42
4.403	9.361	-4.958	365	9853			1.00- 100.00	2.46
4.403	9.361	-4.958	441	43352			0.01- 99.99	79.86
4.403	9.361	-4.958	442	283200			40.00- 100.00	70.68
4.403	9.361	-4.958	443	54288			17.00- 23.00	19.17

Data File: Cs24495.D

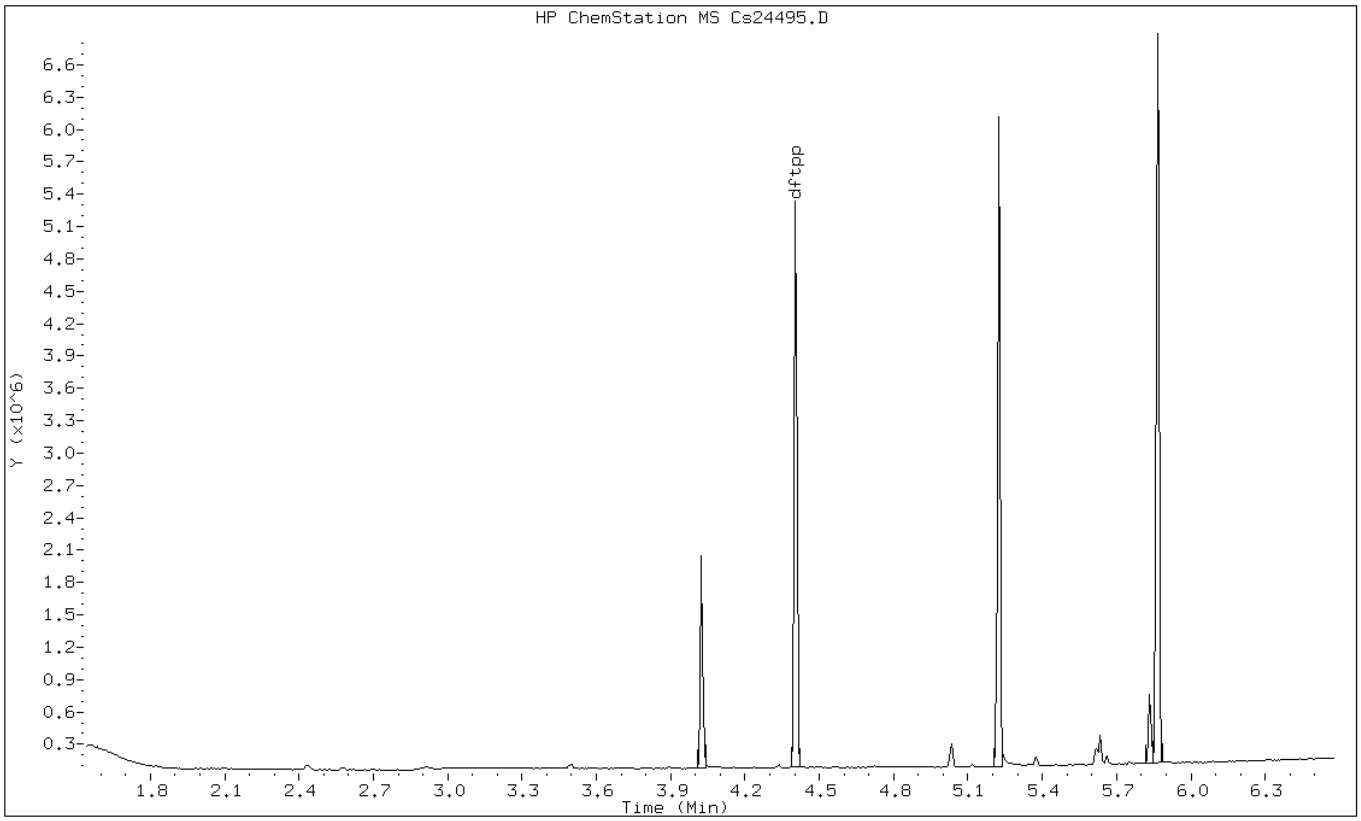
Date: 27-JUL-2011 07:11

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



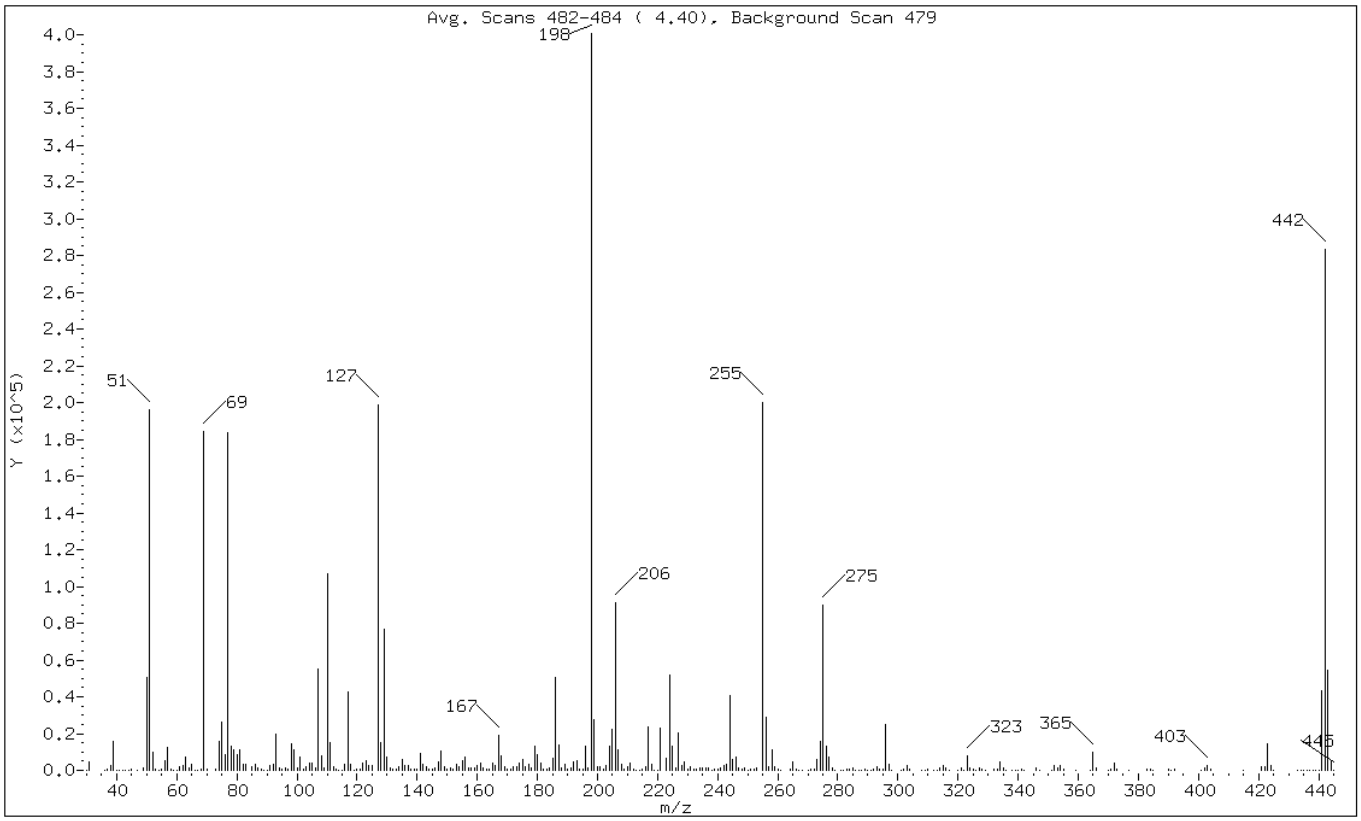
Data File: Cs24495.D

Date: 27-JUL-2011 07:11

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

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	48.86
68	Less than 2.00% of mass 69	0.21 (0.45)
69	Less than 100.00% of mass 198	45.97
70	Less than 2.00% of mass 69	0.22 (0.47)
127	40.00 - 60.00% of mass 198	49.61
197	Less than 1.00% of mass 198	0.38
199	5.00 - 9.00% of mass 198	6.92
275	10.00 - 30.00% of mass 198	22.42
365	1.00 - 100.00% of mass 198	2.46
441	Present, but less than mass 443	10.82
442	40.00 - 100.00% of mass 198	70.68
443	17.00 - 23.00% of mass 442	13.55 (19.17)

Data File: Cs24495.D

Date: 27-JUL-2011 07:11

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\Cs24495.D
Spectrum: Avg. Scans 482-484 (4.40), Background Scan 479
Location of Maximum: 198.00
Number of points: 331

m/z	Y	m/z	Y	m/z	Y	m/z	Y
30.00	140	122.00	3611	206.00	91408	295.00	529
31.00	4524	123.00	5434	207.00	10975	296.00	24608
36.00	264	124.00	2842	208.00	3541	297.00	3116
37.00	742	125.00	2406	209.00	875	298.00	183
38.00	2560	127.00	198784	210.00	1658	301.00	253
39.00	15733	128.00	14880	211.00	3608	302.00	462
40.00	312	129.00	76768	212.00	430	303.00	2813
41.00	244	130.00	6981	213.00	295	304.00	817
42.00	190	131.00	1225	214.00	79	308.00	236
43.00	288	132.00	761	215.00	983	309.00	195
44.00	203	133.00	386	216.00	1983	310.00	370
45.00	589	134.00	2214	217.00	23528	312.00	64
47.00	53	135.00	6014	218.00	3268	313.00	198
49.00	1070	136.00	2384	219.00	310	314.00	1097
50.00	50312	137.00	2675	220.00	159	315.00	2448
51.00	195776	138.00	882	221.00	23032	316.00	1482
52.00	9937	139.00	530	223.00	6700	317.00	254
53.00	463	140.00	771	224.00	51608	320.00	114
54.00	13	141.00	9096	225.00	13425	321.00	1115
55.00	692	142.00	3005	226.00	1448	322.00	179
56.00	5184	143.00	2207	227.00	20144	323.00	7645
57.00	12745	144.00	657	228.00	2780	324.00	1456
58.00	432	145.00	635	229.00	4278	325.00	514
59.00	161	146.00	1548	230.00	707	326.00	283
60.00	88	147.00	4805	231.00	1777	327.00	1450
61.00	2198	148.00	10462	232.00	483	328.00	858
62.00	2608	149.00	2025	233.00	634	329.00	195
63.00	6976	150.00	723	234.00	1282	332.00	418
64.00	1007	151.00	1410	235.00	1344	333.00	755
65.00	3373	152.00	835	236.00	1000	334.00	4912
66.00	203	153.00	3115	237.00	1638	335.00	1447
67.00	57	154.00	2245	238.00	182	336.00	83
68.00	834	155.00	5540	239.00	843	338.00	128
69.00	184192	156.00	7013	240.00	644	339.00	199
70.00	867	157.00	1603	241.00	1338	340.00	163
73.00	982	158.00	1563	242.00	2550	341.00	936
74.00	15956	159.00	1309	243.00	2982	342.00	304
75.00	25936	160.00	2673	244.00	40624	346.00	1508
76.00	8694	161.00	4005	245.00	6024	347.00	271
77.00	183936	162.00	1144	246.00	7511	351.00	50

78.00	12882	163.00	367	247.00	1516	352.00	2375
79.00	11232	164.00	829	248.00	511	353.00	1405
80.00	8688	165.00	3700	249.00	1626	354.00	2543
81.00	11265	166.00	2949	250.00	307	355.00	640
82.00	3489	167.00	18920	251.00	529	359.00	83
83.00	3221	168.00	7583	252.00	395	364.00	64
85.00	1828	169.00	1840	253.00	1142	365.00	9853
86.00	3605	170.00	545	255.00	200256	366.00	1250
87.00	1513	171.00	756	256.00	28792	370.00	324
88.00	699	172.00	1723	257.00	2068	371.00	536
89.00	256	173.00	2193	258.00	11231	372.00	3815
90.00	90	174.00	3971	259.00	1681	373.00	900
91.00	2693	175.00	6130	260.00	429	377.00	71
92.00	3433	176.00	1888	261.00	286	383.00	904
93.00	19696	177.00	3082	264.00	547	384.00	364
94.00	1555	178.00	1179	265.00	4633	385.00	72
95.00	616	179.00	12902	266.00	872	390.00	595
96.00	990	180.00	8633	267.00	67	391.00	290
97.00	401	181.00	4200	268.00	75	392.00	329
98.00	14130	182.00	771	270.00	285	401.00	286
99.00	10897	183.00	400	271.00	414	402.00	1479
100.00	1030	184.00	1134	272.00	577	403.00	2319
101.00	7444	185.00	6289	273.00	5661	404.00	803
102.00	372	186.00	50792	274.00	15855	415.00	56
103.00	2113	187.00	13581	275.00	89832	421.00	2106
104.00	3904	188.00	1548	276.00	12885	422.00	2013
105.00	3876	189.00	3125	277.00	7363	423.00	14102
106.00	1528	190.00	525	278.00	1007	424.00	2678
107.00	54928	191.00	1106	279.00	260	425.00	206
108.00	7998	192.00	4623	281.00	230	433.00	57
109.00	1623	193.00	4991	282.00	137	434.00	152
110.00	106992	194.00	618	283.00	948	435.00	87
111.00	14869	195.00	836	284.00	536	436.00	56
112.00	1907	196.00	13060	285.00	1408	437.00	183
113.00	644	197.00	1509	286.00	300	438.00	56
114.00	191	198.00	400704	287.00	60	439.00	324
115.00	254	199.00	27712	288.00	62	440.00	163
116.00	2974	200.00	2099	289.00	338	441.00	43352
117.00	42640	201.00	2204	290.00	170	442.00	283200
118.00	3247	202.00	955	291.00	227	443.00	54288
119.00	292	203.00	2707	292.00	343	444.00	5219
120.00	578	204.00	13104	293.00	1741	445.00	294
121.00	352	205.00	22184	294.00	565		

TestAmerica Inc

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Zs21842.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 27-JUL-2011 07:17
Operator : smith Inst ID: msz.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\mszdftppSW.m
Meth Date : 11-May-2011 10:33 stephan 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: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
4.401	4.179	0.222	198	91464			0.00- 100.00	100.00
4.401	4.179	0.222	51	41832			30.00- 60.00	45.74
4.401	4.179	0.222	68	449			0.00- 2.00	1.06
4.401	4.179	0.222	69	42208			0.00- 100.00	46.15
4.401	4.179	0.222	70	306			0.00- 2.00	0.72
4.401	4.179	0.222	127	50136			40.00- 60.00	54.82
4.401	4.179	0.222	197	211			0.00- 1.00	0.23
4.401	4.179	0.222	199	5583			5.00- 9.00	6.10
4.401	4.179	0.222	275	21128			10.00- 30.00	23.10
4.401	4.179	0.222	365	3126			1.00- 100.00	3.42
4.401	4.179	0.222	441	10736			0.01- 99.99	79.93
4.401	4.179	0.222	442	72568			40.00- 100.00	79.34
4.401	4.179	0.222	443	13432			17.00- 23.00	18.51

Data File: Zs21842.D

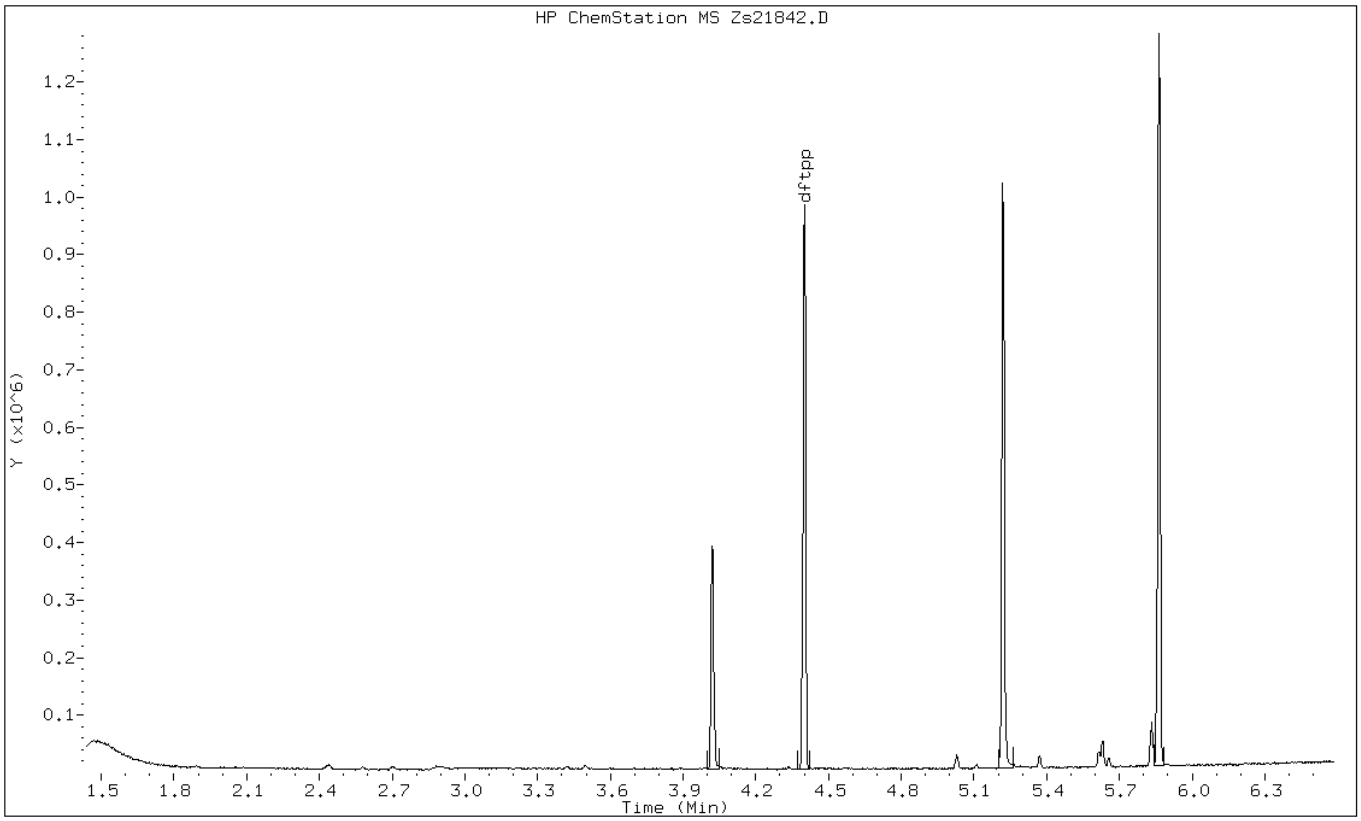
Date: 27-JUL-2011 07:17

Client ID: DFTPP

Instrument: msz.i

Sample Info: DFTPP

Operator: smith



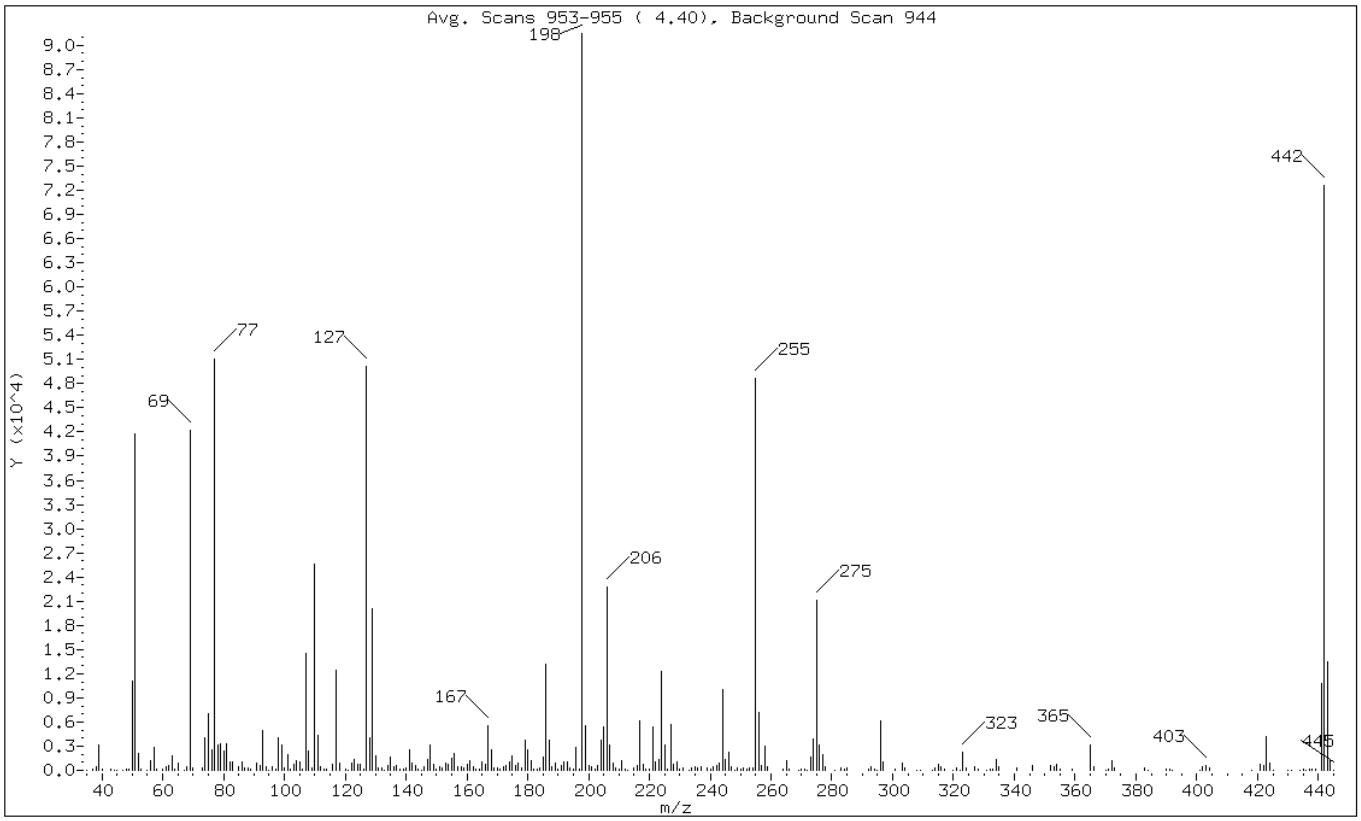
Data File: Zs21842.D

Date: 27-JUL-2011 07:17

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

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	45.74
68	Less than 2.00% of mass 69	0.49 (1.06)
69	Less than 100.00% of mass 198	46.15
70	Less than 2.00% of mass 69	0.33 (0.72)
127	40.00 - 60.00% of mass 198	54.82
197	Less than 1.00% of mass 198	0.23
199	5.00 - 9.00% of mass 198	6.10
275	10.00 - 30.00% of mass 198	23.10
365	1.00 - 100.00% of mass 198	3.42
441	Present, but less than mass 443	11.74
442	40.00 - 100.00% of mass 198	79.34
443	17.00 - 23.00% of mass 442	14.69 (18.51)

Data File: Zs21842.D

Date: 27-JUL-2011 07:17

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

Data File: \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Zs21842.D
Spectrum: Avg. Scans 953-955 (4.40), Background Scan 944
Location of Maximum: 198.00
Number of points: 295

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	41	122.00	906	196.00	2859	281.00	42
37.00	181	123.00	1321	197.00	211	283.00	273
38.00	480	124.00	689	198.00	91464	284.00	133
39.00	3081	125.00	749	199.00	5583	285.00	291
40.00	163	126.00	109	200.00	572	292.00	98
43.00	77	127.00	50136	201.00	432	293.00	424
44.00	64	128.00	4073	202.00	84	294.00	185
45.00	17	129.00	20008	203.00	656	295.00	41
47.00	45	130.00	1752	204.00	3733	296.00	6175
48.00	119	131.00	334	205.00	5320	297.00	987
49.00	153	132.00	263	206.00	22712	301.00	143
50.00	11071	133.00	33	207.00	3076	303.00	878
51.00	41832	134.00	637	208.00	917	304.00	226
52.00	2106	135.00	1598	209.00	353	308.00	52
53.00	203	136.00	518	210.00	157	309.00	45
55.00	36	137.00	635	211.00	1163	313.00	48
56.00	1249	138.00	187	212.00	78	314.00	290
57.00	2826	139.00	161	213.00	72	315.00	761
58.00	146	140.00	283	215.00	303	316.00	418
60.00	93	141.00	2610	216.00	570	317.00	88
61.00	432	142.00	946	217.00	6113	320.00	65
62.00	570	143.00	644	218.00	785	321.00	258
63.00	1778	144.00	165	219.00	138	322.00	66
64.00	164	145.00	61	220.00	114	323.00	2211
65.00	861	146.00	401	221.00	5327	324.00	365
67.00	23	147.00	1417	222.00	1079	327.00	397
68.00	449	148.00	3136	223.00	1353	328.00	128
69.00	42208	149.00	702	224.00	12215	331.00	56
70.00	306	150.00	190	225.00	3105	332.00	87
73.00	294	151.00	388	226.00	215	333.00	119
74.00	4037	152.00	238	227.00	5734	334.00	1294
75.00	7083	153.00	854	228.00	822	335.00	387
76.00	2565	154.00	732	229.00	1078	341.00	251
77.00	51104	155.00	1427	230.00	86	346.00	527
78.00	3210	156.00	2116	231.00	367	352.00	573
79.00	3289	157.00	478	233.00	74	353.00	488
80.00	2430	158.00	479	234.00	261	354.00	713
81.00	3294	159.00	326	235.00	398	355.00	106
82.00	1096	160.00	753	236.00	255	359.00	96
83.00	1002	161.00	1189	237.00	481	365.00	3126

85.00	385	162.00	388	239.00	253	366.00	410
86.00	983	163.00	167	240.00	170	370.00	43
87.00	365	164.00	114	241.00	375	371.00	180
88.00	290	165.00	988	242.00	644	372.00	1176
89.00	95	166.00	778	243.00	870	373.00	262
91.00	862	167.00	5510	244.00	9975	383.00	278
92.00	603	168.00	2517	245.00	1285	384.00	48
93.00	4904	169.00	355	246.00	2199	390.00	180
94.00	452	170.00	247	247.00	431	391.00	103
95.00	54	171.00	192	248.00	55	392.00	40
96.00	400	172.00	411	249.00	356	401.00	74
97.00	171	173.00	672	250.00	123	402.00	406
98.00	4037	174.00	1057	251.00	237	403.00	569
99.00	3082	175.00	1858	252.00	107	404.00	257
100.00	254	176.00	617	253.00	306	418.00	37
101.00	1995	177.00	928	254.00	350	421.00	683
102.00	126	178.00	324	255.00	48624	422.00	616
103.00	740	179.00	3695	256.00	7113	423.00	4181
104.00	1248	180.00	2549	257.00	644	424.00	858
105.00	989	181.00	1175	258.00	2932	425.00	63
106.00	178	182.00	169	259.00	424	430.00	35
107.00	14574	183.00	124	264.00	80	431.00	53
108.00	2341	184.00	237	265.00	1153	434.00	37
109.00	304	185.00	1656	266.00	130	435.00	96
110.00	25640	186.00	13207	269.00	54	436.00	35
111.00	4292	187.00	3691	270.00	113	437.00	102
112.00	488	188.00	399	271.00	178	438.00	187
113.00	161	189.00	955	272.00	56	439.00	187
114.00	82	190.00	206	273.00	1678	441.00	10736
116.00	741	191.00	568	274.00	3896	442.00	72568
117.00	12444	192.00	1063	275.00	21128	443.00	13432
118.00	933	193.00	1041	276.00	3078	444.00	1270
120.00	200	194.00	334	277.00	1970	445.00	59
121.00	48	195.00	200	278.00	447		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53137/1-A

Matrix: Water | Lab File ID: Z21858.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 14:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4.0	U	4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
91-20-3	Naphthalene	4.0	U	4.0	0.30
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
83-32-9	Acenaphthene	4.0	U	4.0	0.31
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53137/1-A

Matrix: Water | Lab File ID: Z21858.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 14:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
100-02-7	4-Nitrophenol	10	U	10	1.5
86-73-7	Fluorene	4.0	U	4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-86-5	Pentachlorophenol	25	U	25	0.31
85-01-8	Phenanthrene	4.0	U	4.0	0.28
86-74-8	Carbazole	4.0	U	4.0	0.33
120-12-7	Anthracene	4.0	U	4.0	0.29
84-74-2	Di-n-butyl phthalate	4.0	U	4.0	0.35
206-44-0	Fluoranthene	4.0	U	4.0	0.31
129-00-0	Pyrene	4.0	U	4.0	0.33
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U	4.0	0.54
117-84-0	Di-n-octyl phthalate	4.0	U	4.0	0.38
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53137/1-A

Matrix: Water | Lab File ID: Z21858.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 14:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	29		13-120
4165-62-2	Phenol-d5	19		10-120
4165-60-0	Nitrobenzene-d5	67		40-120
321-60-8	2-Fluorobiphenyl	71		39-120
118-79-6	2,4,6-Tribromophenol	89		36-120
1718-51-0	Terphenyl-d14	94		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21858.D
Lab Smp Id: MB 220-53137/1-A Client Smp ID: MB 220-53137/1-A
Inj Date : 27-JUL-2011 14:40
Operator : S.Jonas Inst ID: msz.i
Smp Info : MB 220-53137/1-A
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\MSZ-8270C.m
Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 15 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.784	4.790	(1.000)	272553	20.0000	
$	2 2-Fluorophenol	112	3.336	3.342	(0.697)	277409	21.9228	22
$	3 Phenol-d5	99	4.455	4.473	(0.931)	255245	14.0755	14
*	20 Naphthalene-d8	136	6.145	6.152	(1.000)	1221773	20.0000	
$	21 Nitrobenzene-d5	82	5.387	5.396	(0.877)	585605	33.4573	33
	129 Caprolactam	113	6.577	6.668	(1.070)	3837	0.87694	0.9(M)
*	35 Acenaphthene-d10	164	8.007	8.013	(1.000)	721418	20.0000	
$	40 2-Fluorobiphenyl	172	7.311	7.317	(0.913)	1190692	35.3756	35
$	56 2,4,6-Tribromophenol	330	8.843	8.849	(1.104)	314392	66.9459	67
*	57 Phenanthrene-d10	188	9.571	9.580	(1.000)	1159158	20.0000	
*	70 Chrysene-d12	240	12.430	12.442	(1.000)	939808	20.0000	
$	73 Terphenyl-d14	244	11.271	11.274	(0.907)	1530589	47.1585	47
*	79 Perylene-d12	264	14.575	14.587	(1.000)	579080	20.0000	

QC Flag Legend

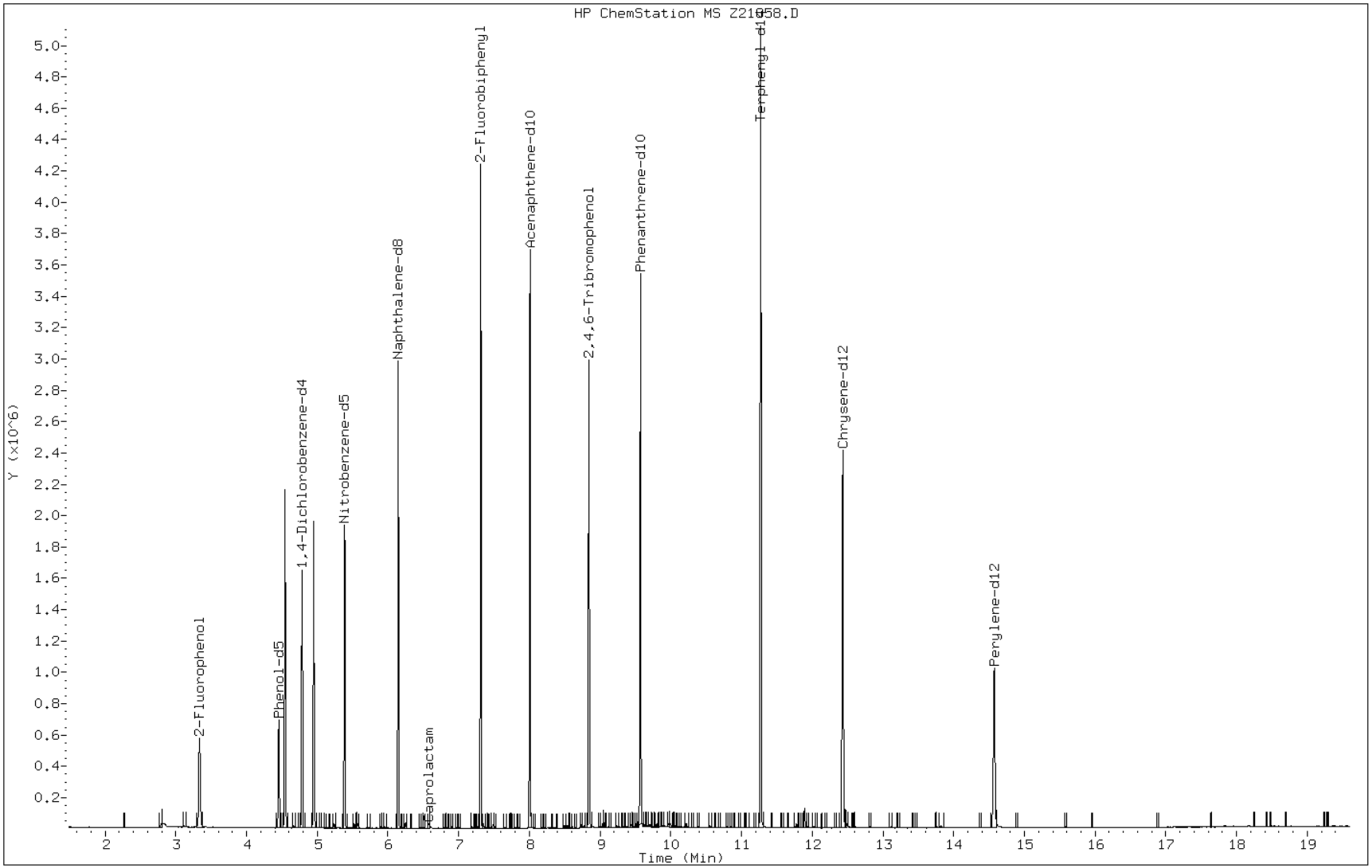
M - Compound response manually integrated.

Data File: Z21858.D

Date: 27-JUL-2011 14:40

Client ID: MB 220-53137/1-A Instrument: msz.i

Sample Info: MB 220-53137/1-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53281/1-A

Matrix: Solid | Lab File ID: C24497.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	270	U	270	18
111-44-4	Bis(2-chloroethyl)ether	270	U	270	14
95-57-8	2-Chlorophenol	270	U	270	16
541-73-1	1,3-Dichlorobenzene	270	U	270	14
106-46-7	1,4-Dichlorobenzene	270	U	270	16
100-51-6	Benzyl alcohol	270	U	270	26
95-50-1	1,2-Dichlorobenzene	270	U	270	16
108-60-1	2,2'-oxybis[1-chloropropane]	270	U	270	14
95-48-7	2-Methylphenol	270	U	270	16
67-72-1	Hexachloroethane	270	U	270	15
621-64-7	N-Nitrosodi-n-propylamine	270	U	270	18
106-44-5	4-Methylphenol	270	U	270	18
98-95-3	Nitrobenzene	270	U	270	17
78-59-1	Isophorone	270	U	270	15
88-75-5	2-Nitrophenol	270	U	270	17
105-67-9	2,4-Dimethylphenol	270	U	270	13
111-91-1	Bis(2-chloroethoxy)methane	270	U	270	13
120-83-2	2,4-Dichlorophenol	270	U	270	14
120-82-1	1,2,4-Trichlorobenzene	270	U	270	18
91-20-3	Naphthalene	270	U	270	14
106-47-8	4-Chloroaniline	270	U	270	44
87-68-3	Hexachlorobutadiene	270	U	270	21
59-50-7	4-Chloro-3-methylphenol	270	U	270	11
91-57-6	2-Methylnaphthalene	270	U	270	7.7
77-47-4	Hexachlorocyclopentadiene	670	U	670	130
88-06-2	2,4,6-Trichlorophenol	270	U	270	7.4
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	14
91-58-7	2-Chloronaphthalene	270	U	270	12
88-74-4	2-Nitroaniline	670	U	670	16
208-96-8	Acenaphthylene	270	U	270	13
131-11-3	Dimethyl phthalate	270	U	270	16
606-20-2	2,6-Dinitrotoluene	270	U	270	7.9
83-32-9	Acenaphthene	270	U	270	16
99-09-2	3-Nitroaniline	670	U	670	8.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-53281/1-A

Matrix: Solid | Lab File ID: C24497.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1700	U	1700	81
132-64-9	Dibenzofuran	270	U	270	19
121-14-2	2,4-Dinitrotoluene	270	U	270	22
100-02-7	4-Nitrophenol	1700	U	1700	20
86-73-7	Fluorene	270	U	270	16
7005-72-3	4-Chlorophenyl phenyl ether	270	U	270	20
84-66-2	Diethyl phthalate	270	U	270	27
100-01-6	4-Nitroaniline	270	U	270	21
534-52-1	4,6-Dinitro-2-methylphenol	1700	U	1700	120
86-30-6	N-Nitrosodiphenylamine	270	U	270	15
101-55-3	4-Bromophenyl phenyl ether	270	U	270	17
118-74-1	Hexachlorobenzene	270	U	270	19
87-86-5	Pentachlorophenol	670	U	670	160
85-01-8	Phenanthrene	270	U	270	13
86-74-8	Carbazole	270	U	270	15
120-12-7	Anthracene	270	U	270	11
84-74-2	Di-n-butyl phthalate	270	U	270	39
206-44-0	Fluoranthene	270	U	270	13
129-00-0	Pyrene	270	U	270	13
85-68-7	Butyl benzyl phthalate	270	U	270	15
91-94-1	3,3'-Dichlorobenzidine	330	U	330	56
56-55-3	Benzo[a]anthracene	270	U	270	9.6
218-01-9	Chrysene	270	U	270	20
117-81-7	Bis(2-ethylhexyl) phthalate	211	J	270	26
117-84-0	Di-n-octyl phthalate	270	U	270	15
205-99-2	Benzo[b]fluoranthene	270	U	270	7.2
207-08-9	Benzo[k]fluoranthene	270	U	270	24
50-32-8	Benzo[a]pyrene	270	U	270	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	270	U	270	18
53-70-3	Dibenz(a,h)anthracene	270	U	270	21
191-24-2	Benzo[g,h,i]perylene	270	U	270	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-53281/1-A

Matrix: Solid Lab File ID: C24497.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) Date Analyzed: 07/27/2011 08:01

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	70		34-120
4165-62-2	Phenol-d5	70		36-120
4165-60-0	Nitrobenzene-d5	70		38-120
321-60-8	2-Fluorobiphenyl	67		41-120
118-79-6	2,4,6-Tribromophenol	74		37-120
1718-51-0	Terphenyl-d14	63		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24497.D
Lab Smp Id: MB 220-53281/1-A Client Smp ID: MB 220-53281/1-A
Inj Date : 27-JUL-2011 08:01
Operator : S.Jonas Inst ID: msc.i
Smp Info : MB 220-53281/1-A
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.000	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

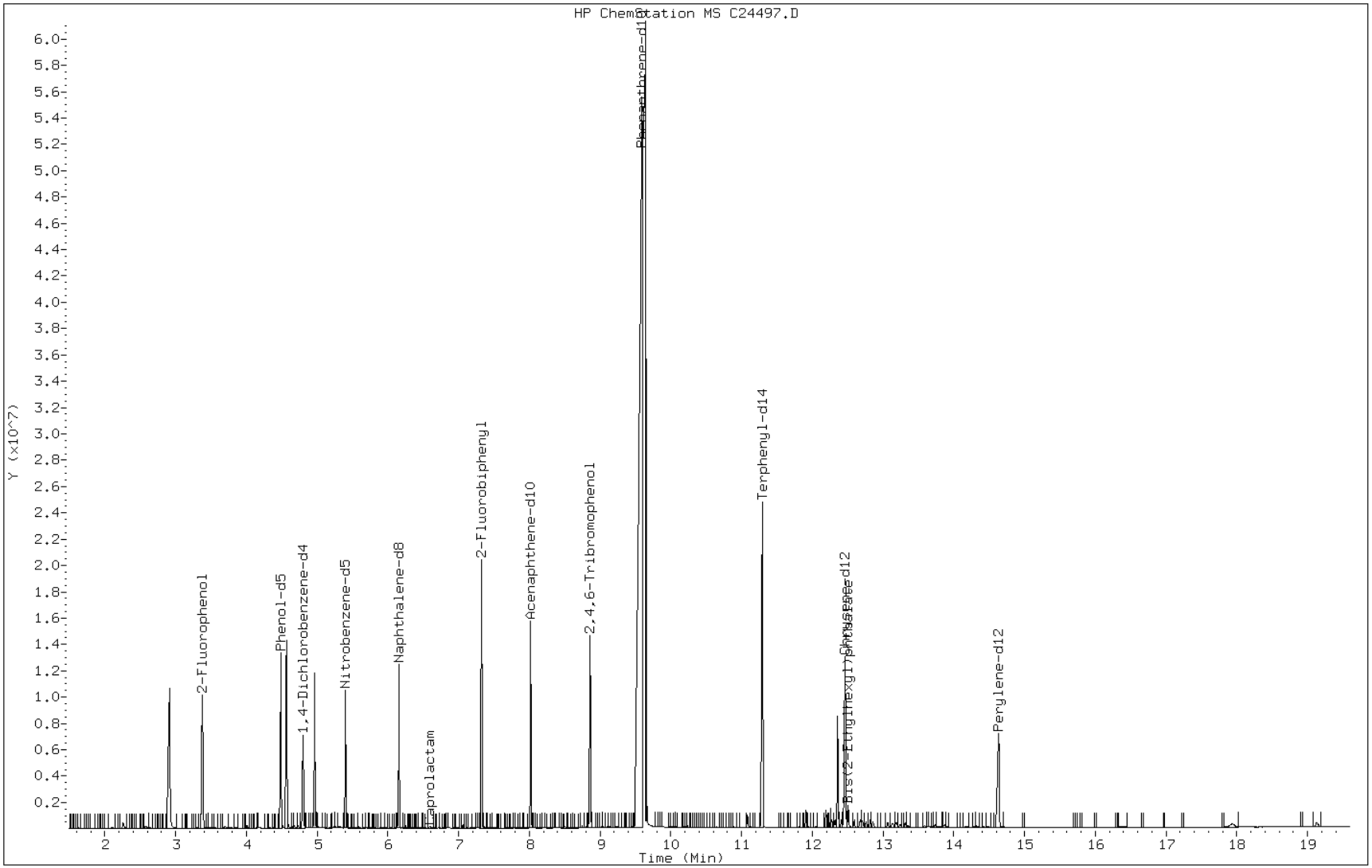
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.798	4.798	(1.000)	1159367	20.0000	
$	2	2-Fluorophenol	112	3.380	3.356	(0.704)	3322075	52.2122	3500
$	3	Phenol-d5	99	4.490	4.490	(0.936)	4574103	52.6226	3500
*	20	Naphthalene-d8	136	6.157	6.163	(1.000)	4794281	20.0000	
$	21	Nitrobenzene-d5	82	5.404	5.409	(0.878)	2899503	35.1473	2300
	129	Caprolactam	113	6.591	6.686	(1.070)	15908	0.69074	46
*	35	Acenaphthene-d10	164	8.021	8.027	(1.000)	3030963	20.0000	
$	40	2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5991608	33.5365	2200
$	56	2,4,6-Tribromophenol	330	8.858	8.864	(1.104)	1448425	55.5670	3700
*	57	Phenanthrene-d10	188	9.588	9.594	(1.000)	4396975	20.0000	
*	70	Chrysene-d12	240	12.467	12.472	(1.000)	5654522	20.0000	
$	73	Terphenyl-d14	244	11.291	11.291	(0.906)	7708260	31.7332	2100
	78	Bis(2-Ethylhexyl)phthalate	149	12.508	12.514	(1.003)	509625	3.16066	210
*	79	Perylene-d12	264	14.633	14.633	(1.000)	4488072	20.0000	

Data File: C24497.D

Date: 27-JUL-2011 08:01

Client ID: MB 220-53281/1-A Instrument: msc.i

Sample Info: MB 220-53281/1-A Operator: S.Jonas



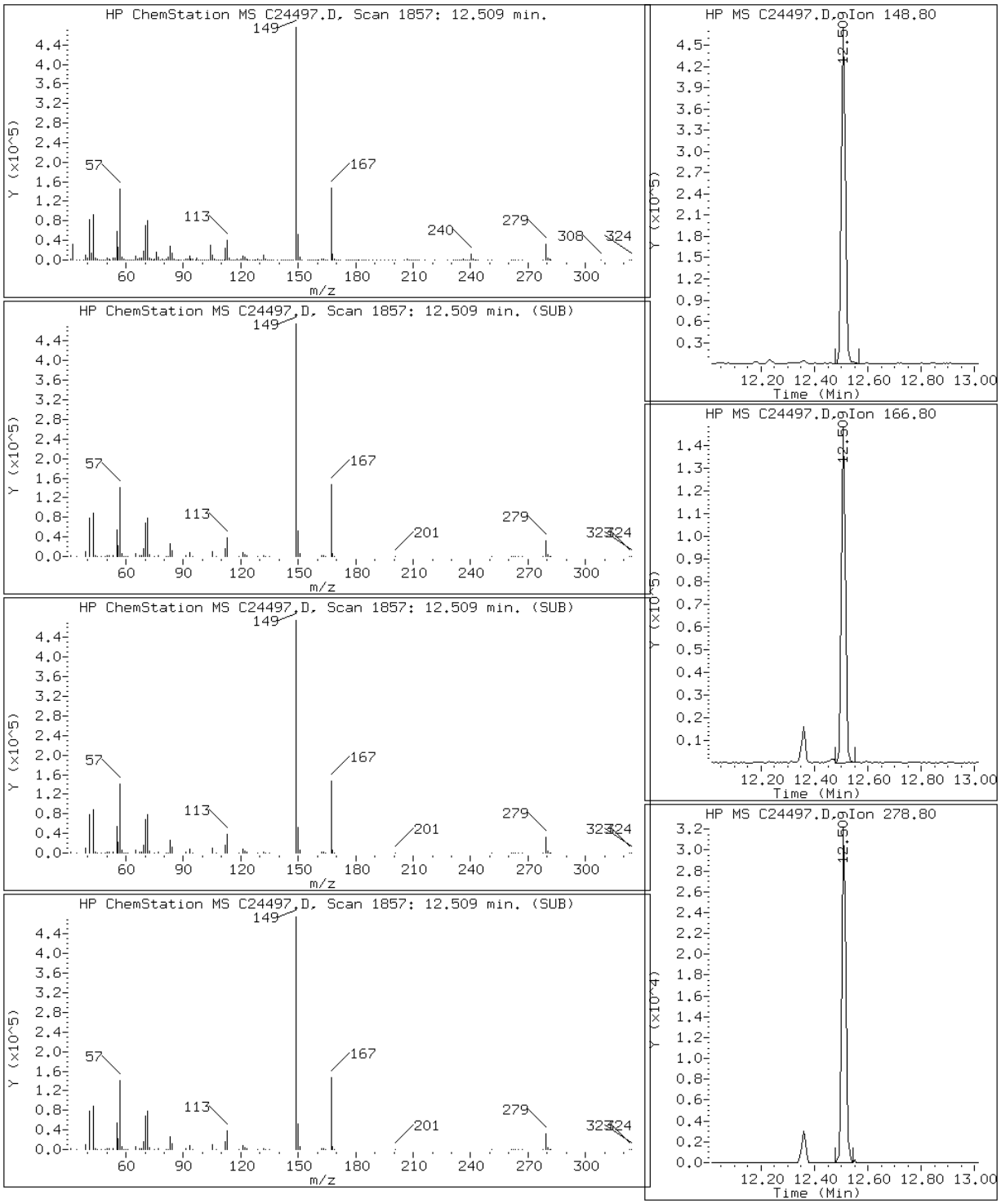
Data File: C24497.D

Date: 27-JUL-2011 08:01

Client ID: MB 220-53281/1-A Instrument: msc.i

Sample Info: MB 220-53281/1-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53137/2-A

Matrix: Water | Lab File ID: Z21859.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 15:08

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	10.1		4.0	0.19
111-44-4	Bis(2-chloroethyl)ether	30.5		4.0	0.29
95-57-8	2-Chlorophenol	28.4		4.0	0.23
541-73-1	1,3-Dichlorobenzene	27.4		4.0	0.25
106-46-7	1,4-Dichlorobenzene	27.5		4.0	0.31
100-51-6	Benzyl alcohol	26.3		4.0	0.41
95-50-1	1,2-Dichlorobenzene	28.0		4.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	31.7		4.0	0.25
95-48-7	2-Methylphenol	25.2		4.0	0.24
67-72-1	Hexachloroethane	27.3		4.0	0.37
621-64-7	N-Nitrosodi-n-propylamine	34.7		4.0	0.33
106-44-5	4-Methylphenol	44.2		4.0	0.29
98-95-3	Nitrobenzene	32.8		4.0	0.28
78-59-1	Isophorone	36.2		4.0	0.31
88-75-5	2-Nitrophenol	34.5		4.0	0.27
105-67-9	2,4-Dimethylphenol	32.8		4.0	0.33
111-91-1	Bis(2-chloroethoxy)methane	34.7		4.0	0.31
120-83-2	2,4-Dichlorophenol	34.2		4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	30.1		4.0	0.36
91-20-3	Naphthalene	32.1		4.0	0.30
106-47-8	4-Chloroaniline	35.2		4.0	0.29
87-68-3	Hexachlorobutadiene	29.4		4.0	0.20
59-50-7	4-Chloro-3-methylphenol	37.6		5.0	0.34
91-57-6	2-Methylnaphthalene	34.3		4.0	0.27
77-47-4	Hexachlorocyclopentadiene	26.4		4.0	0.35
88-06-2	2,4,6-Trichlorophenol	40.4		4.0	0.37
95-95-4	2,4,5-Trichlorophenol	41.6		10	0.28
91-58-7	2-Chloronaphthalene	36.1		4.0	0.39
88-74-4	2-Nitroaniline	42.2		4.0	0.34
208-96-8	Acenaphthylene	38.2		4.0	0.34
131-11-3	Dimethyl phthalate	43.1		4.0	0.38
606-20-2	2,6-Dinitrotoluene	44.9		4.0	0.26
83-32-9	Acenaphthene	39.5		4.0	0.31
99-09-2	3-Nitroaniline	42.2		4.0	0.23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53137/2-A

Matrix: Water | Lab File ID: Z21859.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) | Date Analyzed: 07/27/2011 15:08

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	38.1		25	0.43
132-64-9	Dibenzofuran	40.4		4.0	0.43
121-14-2	2,4-Dinitrotoluene	44.7		4.0	0.40
100-02-7	4-Nitrophenol	14.0		10	1.5
86-73-7	Fluorene	42.8		4.0	0.26
7005-72-3	4-Chlorophenyl phenyl ether	42.0		4.0	0.35
84-66-2	Diethyl phthalate	45.3		4.0	0.43
100-01-6	4-Nitroaniline	44.8		4.0	0.20
534-52-1	4,6-Dinitro-2-methylphenol	42.9		25	1.9
86-30-6	N-Nitrosodiphenylamine	43.8		4.0	0.33
101-55-3	4-Bromophenyl phenyl ether	44.6		4.0	0.44
118-74-1	Hexachlorobenzene	43.7		4.0	0.33
87-86-5	Pentachlorophenol	43.2		25	0.31
85-01-8	Phenanthrene	44.4		4.0	0.28
86-74-8	Carbazole	45.4		4.0	0.33
120-12-7	Anthracene	44.7		4.0	0.29
84-74-2	Di-n-butyl phthalate	46.8		4.0	0.35
206-44-0	Fluoranthene	46.3		4.0	0.31
129-00-0	Pyrene	44.1		4.0	0.33
85-68-7	Butyl benzyl phthalate	48.2		4.0	0.35
91-94-1	3,3'-Dichlorobenzidine	36.9		4.0	0.36
56-55-3	Benzo[a]anthracene	45.1		4.0	0.30
218-01-9	Chrysene	45.1		4.0	0.25
117-81-7	Bis(2-ethylhexyl) phthalate	51.8		4.0	0.54
117-84-0	Di-n-octyl phthalate	51.5		4.0	0.38
205-99-2	Benzo[b]fluoranthene	45.5		4.0	0.36
207-08-9	Benzo[k]fluoranthene	47.5		4.0	0.40
50-32-8	Benzo[a]pyrene	44.3		4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	41.1		4.0	0.28
53-70-3	Dibenz(a,h)anthracene	44.7		4.0	0.38
191-24-2	Benzo[g,h,i]perylene	39.9		4.0	0.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53137/2-A

Matrix: Water Lab File ID: Z21859.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 07/21/2011 14:28

Sample wt/vol: 1000(mL) Date Analyzed: 07/27/2011 15:08

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 53343 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	37		13-120
4165-62-2	Phenol-d5	24		10-120
4165-60-0	Nitrobenzene-d5	82		40-120
321-60-8	2-Fluorobiphenyl	89		39-120
118-79-6	2,4,6-Tribromophenol	118	E	36-120
1718-51-0	Terphenyl-d14	111		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msz.i\Z1121842.b\Z21859.D
Lab Smp Id: LCS 220-53137/2-A Client Smp ID: LCS 220-53137/2-A
Inj Date : 27-JUL-2011 15:08
Operator : S.Jonas Inst ID: msz.i
Smp Info : LCS 220-53137/2-A
Misc Info :
Comment :
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Meth Date : 27-Jul-2011 12:01 msz.i Quant Type: ISTD
Cal Date : 27-JUL-2011 07:33 Cal File: Z21843.D
Als bottle: 16 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.787	4.790	(1.000)	289288	20.0000	
$	2 2-Fluorophenol	112	3.339	3.342	(0.697)	373842	27.8346	28
$	3 Phenol-d5	99	4.464	4.473	(0.932)	349586	18.1628	18
	4 Pyridine	52	1.555	1.555	(0.325)	60372	18.3524	18
	5 N-Nitrosodimethylamine	42	1.545	1.545	(0.323)	50488	19.4874	19
	7 Phenol	94	4.476	4.486	(0.935)	209240	10.1445	10
	8 Aniline	93	4.442	4.445	(0.928)	666802	29.8154	30
	9 bis(2-Chloroethyl)ether	63	4.539	4.545	(0.948)	374395	30.4874	30
	10 2-Chlorophenol	128	4.566	4.570	(0.954)	495518	28.3680	28
	11 1,3-Dichlorobenzene	146	4.722	4.725	(0.986)	535136	27.4396	27
	12 1,4-Dichlorobenzene	146	4.806	4.809	(1.004)	546736	27.5273	28
	13 Benzyl alcohol	108	4.971	4.977	(1.038)	273914	26.2582	26
	14 1,2-Dichlorobenzene	146	4.967	4.970	(1.038)	514241	27.9536	28
	15 2,2'-oxybis(1-Chloropropane)	45	5.126	5.126	(1.071)	675603	31.6903	32
	16 2-Methylphenol	108	5.117	5.126	(1.069)	388164	25.1970	25
	17 Hexachloroethane	117	5.325	5.328	(1.112)	223138	27.2670	27
	18 N-Nitroso-di-n-propylamine	70	5.269	5.272	(1.101)	440064	34.7021	35
	19 4-Methylphenol	108	5.297	5.294	(1.106)	744998	44.2232	44
*	20 Naphthalene-d8	136	6.152	6.152	(1.000)	1311088	20.0000	
$	21 Nitrobenzene-d5	82	5.393	5.396	(0.877)	773338	41.1732	41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	22 Nitrobenzene	77	5.415	5.418	(0.880)	632629	32.8489	33
	23 Isophorone	82	5.682	5.685	(0.924)	1254732	36.1675	36
	24 2-Nitrophenol	139	5.757	5.757	(0.936)	358632	34.5291	34
	25 2,4-Dimethylphenol	122	5.847	5.850	(0.950)	493520	32.7978	33
	26 Benzoic Acid	122	5.928	6.018	(0.964)	24146	2.98565	3(R)
	27 Bis(2-Chloroethoxy)methane	93	5.937	5.937	(0.965)	757034	34.6883	35
	28 2,4-Dichlorophenol	162	6.024	6.027	(0.979)	496015	34.1953	34
	29 1,2,4-Trichlorobenzene	180	6.099	6.102	(0.991)	491362	30.1433	30
	30 Naphthalene	128	6.173	6.176	(1.004)	1716981	32.1031	32
	31 4-Chloroaniline	127	6.251	6.254	(1.016)	733501	35.2420	35
	32 Hexachlorobutadiene	225	6.329	6.332	(1.029)	260338	29.4122	29
	33 4-Chloro-3-methylphenol	107	6.792	6.804	(1.104)	591666	37.6372	38
	34 2-Methylnaphthalene	142	6.913	6.916	(1.124)	1216850	34.2669	34
*	35 Acenaphthene-d10	164	8.013	8.013	(1.000)	789659	20.0000	
	37 Hexachlorocyclopentadiene	237	7.093	7.096	(0.885)	255485	26.3585	26
	38 2,4,6-Trichlorophenol	196	7.227	7.230	(0.902)	420886	40.4039	40
	39 2,4,5-Trichlorophenol	196	7.261	7.270	(0.906)	452389	41.5728	42
$	40 2-Fluorobiphenyl	172	7.317	7.317	(0.913)	1642815	44.5903	44
	41 2-Chloronaphthalene	162	7.426	7.429	(0.927)	1206451	36.0549	36
	42 2-Nitroaniline	65	7.550	7.550	(0.942)	433309	42.2054	42
	43 Acenaphthylene	152	7.861	7.861	(0.981)	2120862	38.1605	38
	44 Dimethylphthalate	163	7.771	7.762	(0.970)	1623263	43.1393	43
	45 2,6-Dinitrotoluene	165	7.818	7.814	(0.976)	400939	44.9048	45
	46 Acenaphthene	153	8.051	8.051	(1.005)	1355296	39.4858	39
	47 3-Nitroaniline	138	7.992	7.988	(0.997)	415715	42.2407	42
	48 2,4-Dinitrophenol	184	8.094	8.094	(1.010)	196203	38.1221	38
	49 Dibenzofuran	168	8.231	8.234	(1.027)	1913677	40.3807	40
	50 2,4-Dinitrotoluene	165	8.240	8.237	(1.028)	531081	44.6683	45
	51 4-Nitrophenol	109	8.191	8.197	(1.022)	65622	13.9737	14
	52 Fluorene	166	8.595	8.595	(1.073)	1635539	42.7875	43
	53 4-Chlorophenyl-phenylether	204	8.604	8.604	(1.074)	766228	42.0164	42
	54 Diethylphthalate	149	8.511	8.511	(1.062)	1743309	45.3246	45
	55 4-Nitroaniline	138	8.641	8.641	(1.078)	423957	44.8012	45
$	56 2,4,6-Tribromophenol	330	8.853	8.849	(1.105)	456070	88.7220	89(A)
*	57 Phenanthrene-d10	188	9.577	9.580	(1.000)	1276711	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.672	8.669	(0.906)	309713	42.9123	43
	59 N-Nitrosodiphenylamine (1)	169	8.738	8.738	(0.912)	1229975	43.8183	44
	60 1,2-Diphenylhydrazine	77	8.775	8.775	(0.916)	1819984	41.5089	42
	61 4-Bromophenyl-phenylether	248	9.117	9.117	(0.952)	456046	44.5866	44
	62 Hexachlorobenzene	284	9.182	9.182	(0.959)	480561	43.6578	44
	63 Pentachlorophenol	266	9.390	9.393	(0.981)	289151	43.2029	43
	64 Phenanthrene	178	9.605	9.608	(1.003)	2419826	44.4231	44
	65 Carbazole	167	9.838	9.838	(1.027)	2260186	45.4239	45
	66 Anthracene	178	9.661	9.661	(1.009)	2468038	44.6660	45
	67 Di-n-butylphthalate	149	10.226	10.229	(1.068)	2941071	46.7590	47
	68 Fluoranthene	202	10.857	10.860	(1.134)	2531867	46.3412	46
*	70 Chrysene-d12	240	12.442	12.442	(1.000)	1095252	20.0000	
	72 Pyrene	202	11.097	11.097	(0.892)	2536495	44.0579	44
$	73 Terphenyl-d14	244	11.274	11.274	(0.906)	2101019	55.5464	56
	74 Butylbenzylphthalate	149	11.799	11.799	(0.948)	1142467	48.2271	48
	75 3,3'-Dichlorobenzidine	252	12.405	12.408	(0.997)	469419	36.8557	37
	76 Benzo(a)anthracene	228	12.427	12.430	(0.999)	2092784	45.1072	45
	77 Chrysene	228	12.480	12.480	(1.003)	2008610	45.0904	45
	78 Bis(2-Ethylhexyl)phthalate	149	12.486	12.489	(1.003)	1361656	51.8214	52(R)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
* 79 Perylene-d12	264	14.581	14.587	(1.000)	627996	20.0000	
80 Di-n-octylphthalate	149	13.387	13.390	(0.918)	1626955	51.4567	51(R)
81 Benzo(b)fluoranthene	252	13.953	13.956	(0.957)	1339461	45.5168	46
82 Benzo(k)fluoranthene	252	14.000	14.003	(0.960)	1453557	47.4834	47
83 Benzo(a)pyrene	252	14.484	14.487	(0.993)	1004966	44.3034	44
84 Indeno(1,2,3-cd)pyrene	276	16.554	16.561	(1.135)	536006	41.1089	41
85 Dibenzo(a,h)anthracene	278	16.607	16.613	(1.139)	562538	44.7245	45
86 Benzo(g,h,i)perylene	276	17.073	17.083	(1.171)	515911	39.8648	40

QC Flag Legend

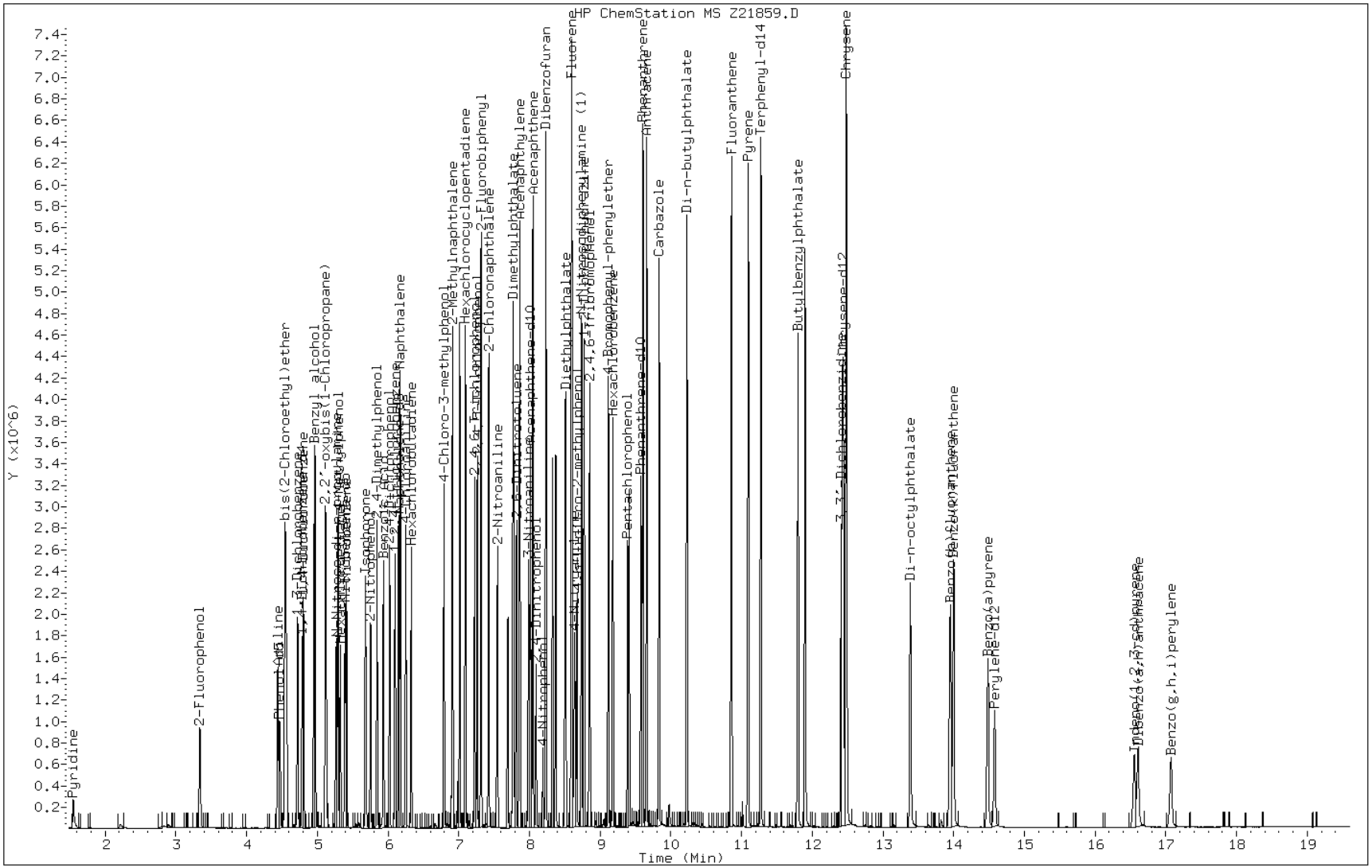
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: Z21859.D

Date: 27-JUL-2011 15:08

Client ID: LCS 220-53137/2-A Instrument: msz.i

Sample Info: LCS 220-53137/2-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53281/2-A

Matrix: Solid | Lab File ID: C24498.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1650		270	18
111-44-4	Bis(2-chloroethyl)ether	1640		270	14
95-57-8	2-Chlorophenol	1650		270	16
541-73-1	1,3-Dichlorobenzene	1540		270	14
106-46-7	1,4-Dichlorobenzene	1540		270	16
100-51-6	Benzyl alcohol	1850		270	26
95-50-1	1,2-Dichlorobenzene	1550		270	16
108-60-1	2,2'-oxybis[1-chloropropane]	1700		270	14
95-48-7	2-Methylphenol	1730		270	16
67-72-1	Hexachloroethane	1560		270	15
621-64-7	N-Nitrosodi-n-propylamine	1740		270	18
106-44-5	4-Methylphenol	3490		270	18
98-95-3	Nitrobenzene	1630		270	17
78-59-1	Isophorone	1710		270	15
88-75-5	2-Nitrophenol	1700		270	17
105-67-9	2,4-Dimethylphenol	1710		270	13
111-91-1	Bis(2-chloroethoxy)methane	1650		270	13
120-83-2	2,4-Dichlorophenol	1710		270	14
120-82-1	1,2,4-Trichlorobenzene	1570		270	18
91-20-3	Naphthalene	1680		270	14
106-47-8	4-Chloroaniline	1230		270	44
87-68-3	Hexachlorobutadiene	1570		270	21
59-50-7	4-Chloro-3-methylphenol	1860		270	11
91-57-6	2-Methylnaphthalene	1680		270	7.7
77-47-4	Hexachlorocyclopentadiene	1510		670	130
88-06-2	2,4,6-Trichlorophenol	1810		270	7.4
95-95-4	2,4,5-Trichlorophenol	1840		1700	14
91-58-7	2-Chloronaphthalene	1660		270	12
88-74-4	2-Nitroaniline	1900		670	16
208-96-8	Acenaphthylene	1780		270	13
131-11-3	Dimethyl phthalate	1820		270	16
606-20-2	2,6-Dinitrotoluene	1910		270	7.9
83-32-9	Acenaphthene	1720		270	16
99-09-2	3-Nitroaniline	1500		670	8.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-53281/2-A

Matrix: Solid | Lab File ID: C24498.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) | Date Analyzed: 07/27/2011 08:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2570		1700	81
132-64-9	Dibenzofuran	1770		270	19
121-14-2	2,4-Dinitrotoluene	1940		270	22
100-02-7	4-Nitrophenol	2190		1700	20
86-73-7	Fluorene	1790		270	16
7005-72-3	4-Chlorophenyl phenyl ether	1760		270	20
84-66-2	Diethyl phthalate	1920		270	27
100-01-6	4-Nitroaniline	1950		270	21
534-52-1	4,6-Dinitro-2-methylphenol	2220		1700	120
86-30-6	N-Nitrosodiphenylamine	1810		270	15
101-55-3	4-Bromophenyl phenyl ether	1780		270	17
118-74-1	Hexachlorobenzene	1760		270	19
87-86-5	Pentachlorophenol	2130		670	160
85-01-8	Phenanthrene	1830		270	13
86-74-8	Carbazole	1900		270	15
120-12-7	Anthracene	1870		270	11
84-74-2	Di-n-butyl phthalate	1930		270	39
206-44-0	Fluoranthene	1880		270	13
129-00-0	Pyrene	1690		270	13
85-68-7	Butyl benzyl phthalate	2050		270	15
91-94-1	3,3'-Dichlorobenzidine	1640		330	56
56-55-3	Benzo[a]anthracene	1870		270	9.6
218-01-9	Chrysene	1820		270	20
117-81-7	Bis(2-ethylhexyl) phthalate	2530		270	26
117-84-0	Di-n-octyl phthalate	2150		270	15
205-99-2	Benzo[b]fluoranthene	1670		270	7.2
207-08-9	Benzo[k]fluoranthene	1750		270	24
50-32-8	Benzo[a]pyrene	1810		270	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	1810		270	18
53-70-3	Dibenz(a,h)anthracene	1840		270	21
191-24-2	Benzo[g,h,i]perylene	1540		270	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-53281/2-A

Matrix: Solid Lab File ID: C24498.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.0(g) Date Analyzed: 07/27/2011 08:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	61		34-120
4165-62-2	Phenol-d5	63		36-120
4165-60-0	Nitrobenzene-d5	62		38-120
321-60-8	2-Fluorobiphenyl	62		41-120
118-79-6	2,4,6-Tribromophenol	72		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24498.D
Lab Smp Id: LCS 220-53281/2-A Client Smp ID: LCS 220-53281/2-A
Inj Date : 27-JUL-2011 08:32
Operator : S.Jonas Inst ID: msc.i
Smp Info : LCS 220-53281/2-A
Misc Info :
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.000	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1193606	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3001156	45.8154	3100
$ 3	Phenol-d5	99	4.495	4.490	(0.936)	4232624	47.2973	3200
4	Pyridine	52	1.587	1.563	(0.330)	437143	18.1630	1200
5	N-Nitrosodimethylamine	42	1.575	1.552	(0.328)	440509	23.5050	1600
7	Phenol	94	4.507	4.501	(0.938)	2407989	24.6900	1600
8	Aniline	93	4.460	4.454	(0.928)	2303477	22.2590	1500
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.948)	1644546	24.5728	1600
10	2-Chlorophenol	128	4.584	4.584	(0.954)	2059988	24.7226	1600
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.986)	2174217	23.1115	1500
12	1,4-Dichlorobenzene	146	4.822	4.816	(1.004)	2233502	23.0713	1500
13	Benzyl alcohol	108	4.988	4.988	(1.038)	1322410	27.7103	1800
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.037)	2109217	23.1773	1500
15	2,2'-oxybis(1-Chloropropane)	45	5.136	5.136	(1.069)	3608253	25.4293	1700
16	2-Methylphenol	108	5.136	5.142	(1.069)	1858156	25.9595	1700
17	Hexachloroethane	117	5.338	5.338	(1.111)	924546	23.4234	1600
18	N-Nitroso-di-n-propylamine	70	5.279	5.285	(1.099)	1565027	26.0764	1700
19	4-Methylphenol	108	5.315	5.309	(1.106)	4048504	52.3561	3500(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5017535	20.0000	
$	21 Nitrobenzene-d5	82	5.404	5.409	(0.877)	2659842	30.8076	2100
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2143339	24.4774	1600
	23 Isophorone	82	5.694	5.694	(0.924)	4160160	25.7178	1700
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1260064	25.4703	1700
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	1889924	25.6484	1700
	26 Benzoic Acid	122	6.045	6.045	(0.981)	985807	33.7256	2200
	27 Bis(2-Chloroethoxy)methane	93	5.944	5.950	(0.964)	2487496	24.6954	1600
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	1876638	25.6330	1700
	29 1,2,4-Trichlorobenzene	180	6.110	6.116	(0.991)	1934204	23.5562	1600
	30 Naphthalene	128	6.187	6.187	(1.004)	6152896	25.2280	1700
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	1907270	18.4561	1200
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1148059	23.5472	1600
	33 4-Chloro-3-methylphenol	107	6.804	6.822	(1.104)	2062784	27.8546	1900
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	4323355	25.2478	1700
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3178535	20.0000	
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	1054879	22.7061	1500
	38 2,4,6-Trichlorophenol	196	7.238	7.243	(0.902)	1511854	27.1168	1800
	39 2,4,5-Trichlorophenol	196	7.279	7.285	(0.907)	1575392	27.5353	1800
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5798388	30.9482	2100
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4176607	24.9173	1700
	42 2-Nitroaniline	65	7.558	7.564	(0.942)	1525299	28.5728	1900
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7213874	26.6852	1800
	44 Dimethylphthalate	163	7.784	7.778	(0.970)	5257711	27.2748	1800
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1337928	28.7240	1900
	46 Acenaphthene	153	8.063	8.063	(1.004)	4511978	25.7553	1700
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1186432	22.5344	1500
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	721522	38.5730	2600
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6452835	26.4993	1800
	50 2,4-Dinitrotoluene	165	8.253	8.252	(1.028)	1834939	29.0916	1900
	51 4-Nitrophenol	109	8.211	8.217	(1.023)	694215	32.7985	2200
	52 Fluorene	166	8.609	8.609	(1.072)	5426347	26.8858	1800
	53 4-Chlorophenyl-phenylether	204	8.615	8.620	(1.073)	2639434	26.4652	1800
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5803336	28.8221	1900
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1516258	29.2192	1900
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1471097	53.8165	3600
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	5680398	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1085625	33.3237	2200
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4181689	27.1212	1800
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	5737000	26.6040	1800
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1630261	26.6550	1800
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1712677	26.4146	1800
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1021078	31.9683	2100
	64 Phenanthrene	178	9.624	9.624	(1.003)	8038886	27.4884	1800
	65 Carbazole	167	9.855	9.855	(1.027)	7948939	28.5087	1900
	66 Anthracene	178	9.677	9.677	(1.009)	8175644	28.0284	1900
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9407577	28.9550	1900
	68 Fluoranthene	202	10.876	10.876	(1.134)	8944026	28.2132	1900
*	70 Chrysene-d12	240	12.473	12.472	(1.000)	5755593	20.0000	
	72 Pyrene	202	11.113	11.113	(0.891)	9044152	25.3215	1700
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	7666582	31.0074	2100
	74 Butylbenzylphthalate	149	11.814	11.820	(0.947)	4738921	30.7395	2000
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2178271	24.5768	1600
	76 Benzo(a)anthracene	228	12.455	12.455	(0.999)	8825330	28.0088	1900

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
77	Chrysene	228	12.508	12.508	(1.003)	8080748	27.3207	1800
78	Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	6219934	37.8982	2500
* 79	Perylene-d12	264	14.639	14.633	(1.000)	4002791	20.0000	
80	Di-n-octylphthalate	149	13.422	13.428	(0.917)	8235802	32.1758	2100
81	Benzo(b)fluoranthene	252	13.998	14.004	(0.956)	6703185	25.0310	1700
82	Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	7253818	26.2477	1700
83	Benzo(a)pyrene	252	14.538	14.544	(0.993)	5304438	27.2223	1800
84	Indeno(1,2,3-cd)pyrene	276	16.621	16.627	(1.135)	2308946	27.1044	1800
85	Dibenzo(a,h)anthracene	278	16.675	16.675	(1.139)	2373489	27.5741	1800
86	Benzo(g,h,i)perylene	276	17.144	17.144	(1.171)	1926973	23.0642	1500

QC Flag Legend

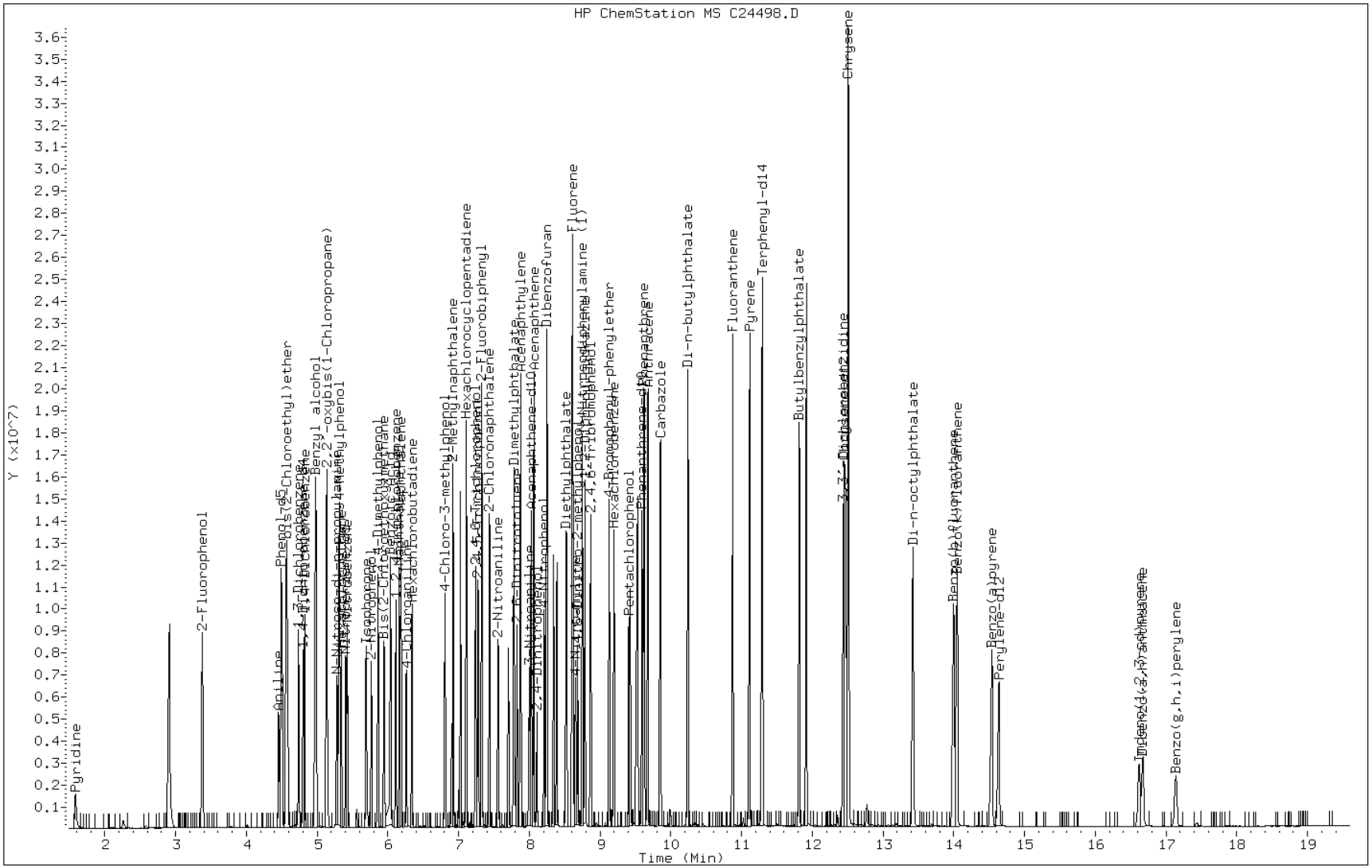
R - Spike/Surrogate failed recovery limits.

Data File: C24498.D

Date: 27-JUL-2011 08:32

Client ID: LCS 220-53281/2-A Instrument: msc.i

Sample Info: LCS 220-53281/2-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS | Lab Sample ID: 220-16030-6 MS

Matrix: Solid | Lab File ID: C24508.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.50(g) | Date Analyzed: 07/27/2011 13:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2030		320	21
111-44-4	Bis(2-chloroethyl)ether	2000		320	17
95-57-8	2-Chlorophenol	2040		320	19
541-73-1	1,3-Dichlorobenzene	1850		320	16
106-46-7	1,4-Dichlorobenzene	1870		320	19
100-51-6	Benzyl alcohol	2290		320	30
95-50-1	1,2-Dichlorobenzene	1900		320	19
108-60-1	2,2'-oxybis[1-chloropropane]	2040		320	17
95-48-7	2-Methylphenol	2110		320	19
67-72-1	Hexachloroethane	1890		320	18
621-64-7	N-Nitrosodi-n-propylamine	2120		320	22
106-44-5	4-Methylphenol	4180		320	21
98-95-3	Nitrobenzene	2000		320	20
78-59-1	Isophorone	2060		320	18
88-75-5	2-Nitrophenol	2100		320	20
105-67-9	2,4-Dimethylphenol	2050		320	16
111-91-1	Bis(2-chloroethoxy)methane	2040		320	15
120-83-2	2,4-Dichlorophenol	2070		320	17
120-82-1	1,2,4-Trichlorobenzene	1940		320	21
91-20-3	Naphthalene	2030		320	17
106-47-8	4-Chloroaniline	1470		320	52
87-68-3	Hexachlorobutadiene	1920		320	25
59-50-7	4-Chloro-3-methylphenol	2230		320	13
91-57-6	2-Methylnaphthalene	2020		320	9.2
77-47-4	Hexachlorocyclopentadiene	1630		800	150
88-06-2	2,4,6-Trichlorophenol	2140		320	8.8
95-95-4	2,4,5-Trichlorophenol	2250		2000	16
91-58-7	2-Chloronaphthalene	1970		320	14
88-74-4	2-Nitroaniline	2270		800	20
208-96-8	Acenaphthylene	2110		320	16
131-11-3	Dimethyl phthalate	2170		320	18
606-20-2	2,6-Dinitrotoluene	2280		320	9.4
83-32-9	Acenaphthene	2040		320	19
99-09-2	3-Nitroaniline	1820		800	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS | Lab Sample ID: 220-16030-6 MS

Matrix: Solid | Lab File ID: C24508.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.50(g) | Date Analyzed: 07/27/2011 13:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2840		2000	97
132-64-9	Dibenzofuran	2110		320	23
121-14-2	2,4-Dinitrotoluene	2340		320	26
100-02-7	4-Nitrophenol	2640		2000	24
86-73-7	Fluorene	2120		320	19
7005-72-3	4-Chlorophenyl phenyl ether	2100		320	24
84-66-2	Diethyl phthalate	2300		320	32
100-01-6	4-Nitroaniline	2250		320	25
534-52-1	4,6-Dinitro-2-methylphenol	2550		2000	140
86-30-6	N-Nitrosodiphenylamine	2160		320	18
101-55-3	4-Bromophenyl phenyl ether	2130		320	21
118-74-1	Hexachlorobenzene	2100		320	22
87-86-5	Pentachlorophenol	2540		800	200
85-01-8	Phenanthrene	2110		320	16
86-74-8	Carbazole	2260		320	18
120-12-7	Anthracene	2170		320	13
84-74-2	Di-n-butyl phthalate	2290		320	47
206-44-0	Fluoranthene	2280		320	16
129-00-0	Pyrene	2040		320	15
85-68-7	Butyl benzyl phthalate	2430		320	18
91-94-1	3,3'-Dichlorobenzidine	1900		390	66
56-55-3	Benzo[a]anthracene	2220		320	11
218-01-9	Chrysene	2110		320	24
117-81-7	Bis(2-ethylhexyl) phthalate	2980		320	31
117-84-0	Di-n-octyl phthalate	2780		320	18
205-99-2	Benzo[b]fluoranthene	2050		320	8.6
207-08-9	Benzo[k]fluoranthene	2080		320	29
50-32-8	Benzo[a]pyrene	2120		320	8.7
193-39-5	Indeno[1,2,3-cd]pyrene	2130		320	21
53-70-3	Dibenz(a,h)anthracene	2190		320	25
191-24-2	Benzo[g,h,i]perylene	1870		320	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MS Lab Sample ID: 220-16030-6 MS

Matrix: Solid Lab File ID: C24508.D

Analysis Method: 8270C Date Collected: 07/14/2011 23:30

Extract. Method: 3541 Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.50(g) Date Analyzed: 07/27/2011 13:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		34-120
4165-62-2	Phenol-d5	65		36-120
4165-60-0	Nitrobenzene-d5	64		38-120
321-60-8	2-Fluorobiphenyl	61		41-120
118-79-6	2,4,6-Tribromophenol	73		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24508.D
Lab Smp Id: 220-16030-B-6-B MS Client Smp ID: SB-143 39-40
Inj Date : 27-JUL-2011 13:38
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-6-BMS
Misc Info : 220-16030-B-6-B MS
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.500	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	18.786	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1202479	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3201540	48.5138	3900
$ 3	Phenol-d5	99	4.496	4.490	(0.936)	4410452	48.9208	3900
4	Pyridine	52	1.587	1.563	(0.330)	443272	18.2818	1500
5	N-Nitrosodimethylamine	42	1.575	1.552	(0.328)	446443	23.6458	1900
7	Phenol	94	4.507	4.501	(0.938)	2512272	25.5692	2000
8	Aniline	93	4.454	4.454	(0.927)	2346273	22.5052	1800
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.948)	1698807	25.1962	2000
10	2-Chlorophenol	128	4.585	4.584	(0.954)	2151798	25.6338	2000
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.986)	2209310	23.3112	1900
12	1,4-Dichlorobenzene	146	4.822	4.816	(1.004)	2294623	23.5278	1900
13	Benzyl alcohol	108	4.988	4.988	(1.038)	1386431	28.8374	2300
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.037)	2196611	23.9595	1900
15	2,2'-oxybis(1-Chloropropane)	45	5.137	5.136	(1.069)	3670501	25.6771	2000
16	2-Methylphenol	108	5.137	5.142	(1.069)	1912243	26.5180	2100
17	Hexachloroethane	117	5.338	5.338	(1.111)	948404	23.8505	1900
18	N-Nitroso-di-n-propylamine	70	5.279	5.285	(1.099)	1610288	26.6326	2100
19	4-Methylphenol	108	5.315	5.309	(1.106)	4096142	52.5812	4200

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5061246	20.0000	
$	21 Nitrobenzene-d5	82	5.410	5.409	(0.878)	2785176	31.9806	2500
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2220994	25.1452	2000
	23 Isophorone	82	5.695	5.694	(0.924)	4230970	25.9297	2100
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1321182	26.4750	2100
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	1920717	25.8412	2100
	26 Benzoic Acid	122	6.027	6.045	(0.978)	724584	24.5748	2000
	27 Bis(2-Chloroethoxy)methane	93	5.950	5.950	(0.965)	2607255	25.6608	2000
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	1927112	26.0951	2100
	29 1,2,4-Trichlorobenzene	180	6.110	6.116	(0.991)	2020739	24.3976	1900
	30 Naphthalene	128	6.187	6.187	(1.004)	6282691	25.5377	2000
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	1934655	18.5594	1500
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1189008	24.1765	1900
	129 Caprolactam	113	6.698	6.686	(1.087)	10653	0.43817	35(MH)
	33 4-Chloro-3-methylphenol	107	6.810	6.822	(1.105)	2093868	28.0301	2200
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	4388162	25.4049	2000
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3230969	20.0000	
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	963788	20.4871	1600
	38 2,4,6-Trichlorophenol	196	7.244	7.243	(0.902)	1523591	26.8838	2100
	39 2,4,5-Trichlorophenol	196	7.279	7.285	(0.907)	1648926	28.3529	2300
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	5816255	30.5398	2400
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4216729	24.7484	2000
	42 2-Nitroaniline	65	7.564	7.564	(0.942)	1553659	28.6318	2300
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7286998	26.5182	2100
	44 Dimethylphthalate	163	7.784	7.778	(0.970)	5342041	27.2625	2200
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1358607	28.6946	2300
	46 Acenaphthene	153	8.063	8.063	(1.004)	4574985	25.6911	2000
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1225340	22.8957	1800
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	657747	35.7121	2800
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6561005	26.5062	2100
	50 2,4-Dinitrotoluene	165	8.253	8.252	(1.028)	1884570	29.3935	2300
	51 4-Nitrophenol	109	8.217	8.217	(1.024)	715476	33.2544	2600
	52 Fluorene	166	8.609	8.609	(1.072)	5484490	26.7329	2100
	53 4-Chlorophenyl-phenylether	204	8.621	8.620	(1.074)	2684490	26.4802	2100
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5928316	28.9649	2300
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1494800	28.3382	2300
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1527680	54.9795	4400
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	5758646	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1048234	32.1372	2600
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4254060	27.2157	2200
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	5867009	26.8372	2100
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1659777	26.7688	2100
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1736448	26.4173	2100
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1037784	32.0273	2500
	64 Phenanthrene	178	9.624	9.624	(1.003)	7889781	26.6120	2100
	65 Carbazole	167	9.855	9.855	(1.027)	8054152	28.4936	2300
	66 Anthracene	178	9.677	9.677	(1.009)	8080997	27.3275	2200
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9477452	28.7737	2300
	68 Fluoranthene	202	10.876	10.876	(1.134)	9219585	28.6872	2300
*	70 Chrysene-d12	240	12.479	12.472	(1.000)	5922220	20.0000	
	72 Pyrene	202	11.113	11.113	(0.891)	9435417	25.6736	2000
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	7873265	30.9474	2500
	74 Butylbenzylphthalate	149	11.820	11.820	(0.947)	4847923	30.5617	2400
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2186279	23.9731	1900

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
76	Benzo(a)anthracene	228	12.455	12.455	(0.998)	9067041	27.9662	2200
77	Chrysene	228	12.508	12.508	(1.002)	8080112	26.5499	2100
78	Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	6344969	37.5723	3000
* 79	Perylene-d12	264	14.639	14.633	(1.000)	3779824	20.0000	
80	Di-n-octylphthalate	149	13.422	13.428	(0.917)	8609542	35.0323	2800
81	Benzo(b)fluoranthene	252	14.004	14.004	(0.957)	6523308	25.7962	2000
82	Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	6836502	26.1969	2100
83	Benzo(a)pyrene	252	14.538	14.544	(0.993)	4908842	26.6782	2100
84	Indeno(1,2,3-cd)pyrene	276	16.621	16.627	(1.135)	2151224	26.7761	2100
85	Dibenzo(a,h)anthracene	278	16.675	16.675	(1.139)	2243261	27.5959	2200
86	Benzo(g,h,i)perylene	276	17.144	17.144	(1.171)	1857859	23.4954	1900
103	1,2,4,5-Tetrachlorobenzene	216	7.107	7.107	(0.885)	2051832	51.9686	4100
109	2,3,4,6-Tetrachlorophenol	232	8.389	8.389	(1.045)	1354325	28.7111	2300
119	Pentachloronitrobenzene	237	9.428	9.428	(0.983)	783752	31.4285	2500

QC Flag Legend

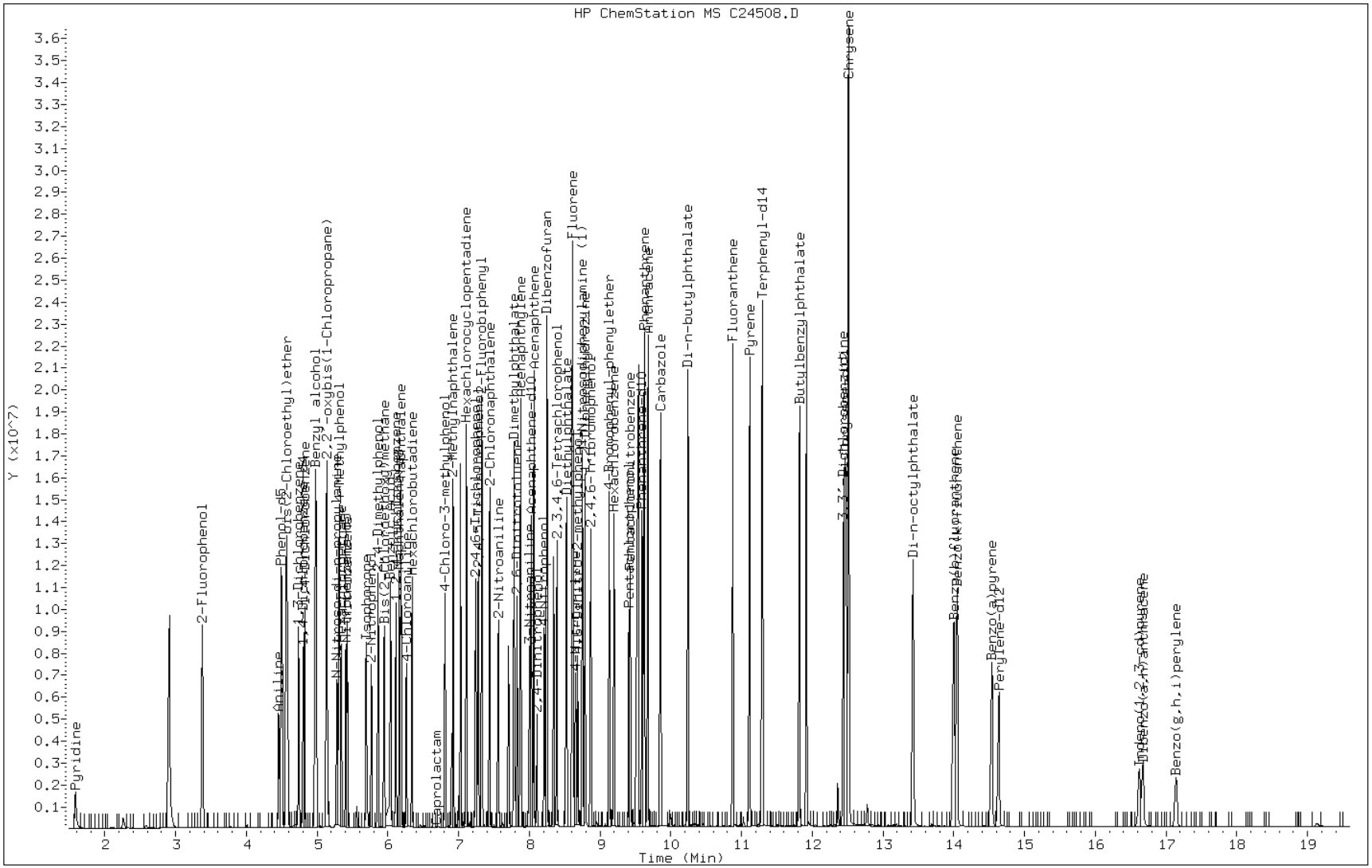
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C24508.D

Date: 27-JUL-2011 13:38

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-BMS Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: C24509.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.42(g) | Date Analyzed: 07/27/2011 14:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2180		320	21
111-44-4	Bis(2-chloroethyl)ether	2110		320	17
95-57-8	2-Chlorophenol	2190		320	19
541-73-1	1,3-Dichlorobenzene	1960		320	16
106-46-7	1,4-Dichlorobenzene	1970		320	19
100-51-6	Benzyl alcohol	2440		320	31
95-50-1	1,2-Dichlorobenzene	1990		320	19
108-60-1	2,2'-oxybis[1-chloropropane]	2140		320	17
95-48-7	2-Methylphenol	2220		320	19
67-72-1	Hexachloroethane	2000		320	18
621-64-7	N-Nitrosodi-n-propylamine	2230		320	22
106-44-5	4-Methylphenol	4440		320	21
98-95-3	Nitrobenzene	2110		320	21
78-59-1	Isophorone	2160		320	18
88-75-5	2-Nitrophenol	2220		320	20
105-67-9	2,4-Dimethylphenol	2130		320	16
111-91-1	Bis(2-chloroethoxy)methane	2140		320	15
120-83-2	2,4-Dichlorophenol	2180		320	17
120-82-1	1,2,4-Trichlorobenzene	2050		320	21
91-20-3	Naphthalene	2140		320	17
106-47-8	4-Chloroaniline	1460		320	53
87-68-3	Hexachlorobutadiene	2010		320	25
59-50-7	4-Chloro-3-methylphenol	2260		320	13
91-57-6	2-Methylnaphthalene	2120		320	9.2
77-47-4	Hexachlorocyclopentadiene	1670		800	150
88-06-2	2,4,6-Trichlorophenol	2170		320	8.9
95-95-4	2,4,5-Trichlorophenol	2270		2000	16
91-58-7	2-Chloronaphthalene	2060		320	14
88-74-4	2-Nitroaniline	2280		800	20
208-96-8	Acenaphthylene	2130		320	16
131-11-3	Dimethyl phthalate	2180		320	19
606-20-2	2,6-Dinitrotoluene	2270		320	9.5
83-32-9	Acenaphthene	2100		320	19
99-09-2	3-Nitroaniline	1790		800	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: C24509.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.42(g) | Date Analyzed: 07/27/2011 14:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	2670		2000	97
132-64-9	Dibenzofuran	2130		320	23
121-14-2	2,4-Dinitrotoluene	2350		320	26
100-02-7	4-Nitrophenol	2630		2000	24
86-73-7	Fluorene	2140		320	19
7005-72-3	4-Chlorophenyl phenyl ether	2130		320	24
84-66-2	Diethyl phthalate	2300		320	33
100-01-6	4-Nitroaniline	2270		320	25
534-52-1	4,6-Dinitro-2-methylphenol	2480		2000	140
86-30-6	N-Nitrosodiphenylamine	2130		320	18
101-55-3	4-Bromophenyl phenyl ether	2110		320	21
118-74-1	Hexachlorobenzene	2070		320	22
87-86-5	Pentachlorophenol	2480		800	200
85-01-8	Phenanthrene	2130		320	16
86-74-8	Carbazole	2280		320	18
120-12-7	Anthracene	2210		320	13
84-74-2	Di-n-butyl phthalate	2270		320	47
206-44-0	Fluoranthene	2280		320	16
129-00-0	Pyrene	2030		320	15
85-68-7	Butyl benzyl phthalate	2460		320	18
91-94-1	3,3'-Dichlorobenzidine	1970		400	66
56-55-3	Benzo[a]anthracene	2270		320	11
218-01-9	Chrysene	2130		320	24
117-81-7	Bis(2-ethylhexyl) phthalate	3050		320	31
117-84-0	Di-n-octyl phthalate	2880		320	18
205-99-2	Benzo[b]fluoranthene	2140		320	8.6
207-08-9	Benzo[k]fluoranthene	2130		320	29
50-32-8	Benzo[a]pyrene	2170		320	8.7
193-39-5	Indeno[1,2,3-cd]pyrene	2160		320	21
53-70-3	Dibenz(a,h)anthracene	2260		320	25
191-24-2	Benzo[g,h,i]perylene	1920		320	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-16030-1

SDG No.:

Client Sample ID: SB-143 39-40 MSD | Lab Sample ID: 220-16030-6 MSD

Matrix: Solid | Lab File ID: C24509.D

Analysis Method: 8270C | Date Collected: 07/14/2011 23:30

Extract. Method: 3541 | Date Extracted: 07/26/2011 10:12

Sample wt/vol: 15.42(g) | Date Analyzed: 07/27/2011 14:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 53339 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	67		34-120
4165-62-2	Phenol-d5	69		36-120
4165-60-0	Nitrobenzene-d5	67		38-120
321-60-8	2-Fluorobiphenyl	64		41-120
118-79-6	2,4,6-Tribromophenol	73		37-120
1718-51-0	Terphenyl-d14	62		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\C24509.D
Lab Smp Id: 220-16030-B-6-C MSD Client Smp ID: SB-143 39-40
Inj Date : 27-JUL-2011 14:08
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-16030-B-6-CMSD
Misc Info : 220-16030-B-6-C MSD
Comment :
Method : \\Consvr05\Files\Chem\BNA\msc.i\C1124495.b\MSC-8270C.m
Meth Date : 27-Jul-2011 07:56 stephan Quant Type: ISTD
Cal Date : 21-JUL-2011 10:38 Cal File: C24382.D
Als bottle: 13 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.420	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	18.786	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.804	4.798	(1.000)	1185606	20.0000	
$ 2	2-Fluorophenol	112	3.380	3.356	(0.704)	3284260	50.4755	4000
$ 3	Phenol-d5	99	4.496	4.490	(0.936)	4604469	51.7996	4100
4	Pyridine	52	1.587	1.563	(0.330)	467855	19.5703	1600
5	N-Nitrosodimethylamine	42	1.575	1.552	(0.328)	463882	24.9192	2000
7	Phenol	94	4.507	4.501	(0.938)	2648247	27.3366	2200
8	Aniline	93	4.454	4.454	(0.927)	2425502	23.5963	1900
9	bis(2-Chloroethyl)ether	63	4.555	4.555	(0.948)	1755472	26.4072	2100
10	2-Chlorophenol	128	4.585	4.584	(0.954)	2274794	27.4847	2200
11	1,3-Dichlorobenzene	146	4.739	4.739	(0.986)	2292056	24.5285	2000
12	1,4-Dichlorobenzene	146	4.822	4.816	(1.004)	2369978	24.6463	2000
13	Benzyl alcohol	108	4.988	4.988	(1.038)	1445979	30.5040	2400
14	1,2-Dichlorobenzene	146	4.982	4.982	(1.037)	2247324	24.8616	2000
15	2,2'-oxybis(1-Chloropropane)	45	5.137	5.136	(1.069)	3777239	26.7998	2100
16	2-Methylphenol	108	5.137	5.142	(1.069)	1977697	27.8160	2200
17	Hexachloroethane	117	5.338	5.338	(1.111)	983499	25.0851	2000
18	N-Nitroso-di-n-propylamine	70	5.285	5.285	(1.100)	1661549	27.8715	2200
19	4-Methylphenol	108	5.315	5.309	(1.106)	4266426	55.5466	4400

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	20 Naphthalene-d8	136	6.163	6.163	(1.000)	5022513	20.0000	
$	21 Nitrobenzene-d5	82	5.410	5.409	(0.878)	2888300	33.4205	2700
	22 Nitrobenzene	77	5.427	5.427	(0.881)	2321153	26.4818	2100
	23 Isophorone	82	5.694	5.694	(0.924)	4372026	27.0008	2200
	24 2-Nitrophenol	139	5.766	5.766	(0.935)	1374631	27.7585	2200
	25 2,4-Dimethylphenol	122	5.861	5.861	(0.951)	1967117	26.6695	2100
	26 Benzoic Acid	122	6.021	6.045	(0.977)	614742	21.0102	1700
	27 Bis(2-Chloroethoxy)methane	93	5.950	5.950	(0.965)	2705707	26.8351	2100
	28 2,4-Dichlorophenol	162	6.039	6.039	(0.980)	2002973	27.3315	2200
	29 1,2,4-Trichlorobenzene	180	6.110	6.116	(0.991)	2109522	25.6659	2000
	30 Naphthalene	128	6.187	6.187	(1.004)	6549375	26.8270	2100
	31 4-Chloroaniline	127	6.264	6.264	(1.016)	1895205	18.3211	1500
	32 Hexachlorobutadiene	225	6.341	6.341	(1.029)	1226342	25.1279	2000
	129 Caprolactam	113	6.692	6.686	(1.086)	12097	0.50140	40(M)
	33 4-Chloro-3-methylphenol	107	6.810	6.822	(1.105)	2097663	28.2975	2300
	34 2-Methylnaphthalene	142	6.923	6.929	(1.123)	4560271	26.6049	2100
*	35 Acenaphthene-d10	164	8.027	8.027	(1.000)	3233187	20.0000	
	37 Hexachlorocyclopentadiene	237	7.107	7.107	(0.885)	987221	20.9478	1700
	38 2,4,6-Trichlorophenol	196	7.244	7.243	(0.902)	1537635	27.1130	2200
	39 2,4,5-Trichlorophenol	196	7.279	7.285	(0.907)	1655612	28.4483	2300
$	40 2-Fluorobiphenyl	172	7.327	7.333	(0.913)	6054606	31.7695	2500
	41 2-Chloronaphthalene	162	7.439	7.439	(0.927)	4392040	25.7596	2100
	42 2-Nitroaniline	65	7.564	7.564	(0.942)	1551020	28.5635	2300
	43 Acenaphthylene	152	7.873	7.873	(0.981)	7325423	26.6398	2100
	44 Dimethylphthalate	163	7.784	7.778	(0.970)	5345359	27.2607	2200
	45 2,6-Dinitrotoluene	165	7.831	7.831	(0.976)	1345765	28.4039	2300
	46 Acenaphthene	153	8.063	8.063	(1.004)	4680030	26.2630	2100
	47 3-Nitroaniline	138	8.003	8.003	(0.997)	1202853	22.4601	1800
	48 2,4-Dinitrophenol	184	8.110	8.110	(1.010)	599828	33.4597	2700
	49 Dibenzofuran	168	8.247	8.247	(1.027)	6620459	26.7281	2100
	50 2,4-Dinitrotoluene	165	8.253	8.252	(1.028)	1889260	29.4465	2400
	51 4-Nitrophenol	109	8.217	8.217	(1.024)	709888	32.9721	2600
	52 Fluorene	166	8.609	8.609	(1.072)	5501774	26.7987	2100
	53 4-Chlorophenyl-phenylether	204	8.615	8.620	(1.073)	2706804	26.6820	2100
	54 Diethylphthalate	149	8.526	8.526	(1.062)	5900263	28.8081	2300
	55 4-Nitroaniline	138	8.656	8.656	(1.078)	1501460	28.4449	2300
$	56 2,4,6-Tribromophenol	330	8.870	8.864	(1.105)	1514996	54.4856	4400
*	57 Phenanthrene-d10	188	9.594	9.594	(1.000)	5816825	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.686	8.686	(0.905)	1010703	31.0573	2500
	59 N-Nitrosodiphenylamine (1)	169	8.751	8.751	(0.912)	4209488	26.6612	2100
	60 1,2-Diphenylhydrazine	77	8.787	8.787	(0.916)	5857872	26.5274	2100
	61 4-Bromophenyl-phenylether	248	9.131	9.131	(0.952)	1657047	26.4575	2100
	62 Hexachlorobenzene	284	9.196	9.196	(0.959)	1720283	25.9096	2100
	63 Pentachlorophenol	266	9.410	9.410	(0.981)	1002793	31.0216	2500
	64 Phenanthrene	178	9.624	9.624	(1.003)	7974823	26.6298	2100
	65 Carbazole	167	9.855	9.855	(1.027)	8136530	28.4971	2300
	66 Anthracene	178	9.677	9.677	(1.009)	8280347	27.7216	2200
	67 Di-n-butylphthalate	149	10.241	10.241	(1.067)	9449113	28.4007	2300
	68 Fluoranthene	202	10.876	10.876	(1.134)	9263978	28.5370	2300
*	70 Chrysene-d12	240	12.478	12.472	(1.000)	5923540	20.0000	
	72 Pyrene	202	11.113	11.113	(0.891)	9364772	25.4757	2000
$	73 Terphenyl-d14	244	11.291	11.291	(0.905)	7945530	31.2245	2500
	74 Butylbenzylphthalate	149	11.820	11.820	(0.947)	4885569	30.7922	2500
	75 3,3'-Dichlorobenzidine	252	12.437	12.437	(0.997)	2246110	24.6237	2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
76	Benzo(a)anthracene	228	12.455	12.455	(0.998)	9199572	28.3687	2300
77	Chrysene	228	12.508	12.508	(1.002)	8129214	26.7053	2100
78	Bis(2-Ethylhexyl)phthalate	149	12.514	12.514	(1.003)	6445484	38.1590	3000
* 79	Perylene-d12	264	14.639	14.633	(1.000)	3680565	20.0000	
80	Di-n-octylphthalate	149	13.422	13.428	(0.917)	8676209	36.0474	2900
81	Benzo(b)fluoranthene	252	13.998	14.004	(0.956)	6606546	26.8299	2100
82	Benzo(k)fluoranthene	252	14.051	14.051	(0.960)	6763140	26.6147	2100
83	Benzo(a)pyrene	252	14.538	14.544	(0.993)	4875792	27.2132	2200
84	Indeno(1,2,3-cd)pyrene	276	16.621	16.627	(1.135)	2120127	27.0703	2200
85	Dibenzo(a,h)anthracene	278	16.675	16.675	(1.139)	2246903	28.2979	2300
86	Benzo(g,h,i)perylene	276	17.144	17.144	(1.171)	1852990	24.0021	1900
103	1,2,4,5-Tetrachlorobenzene	216	7.113	7.107	(0.886)	2103088	53.2303	4300
109	2,3,4,6-Tetrachlorophenol	232	8.389	8.389	(1.045)	1340295	28.4199	2300
119	Pentachloronitrobenzene	237	9.428	9.428	(0.983)	785217	31.1723	2500

QC Flag Legend

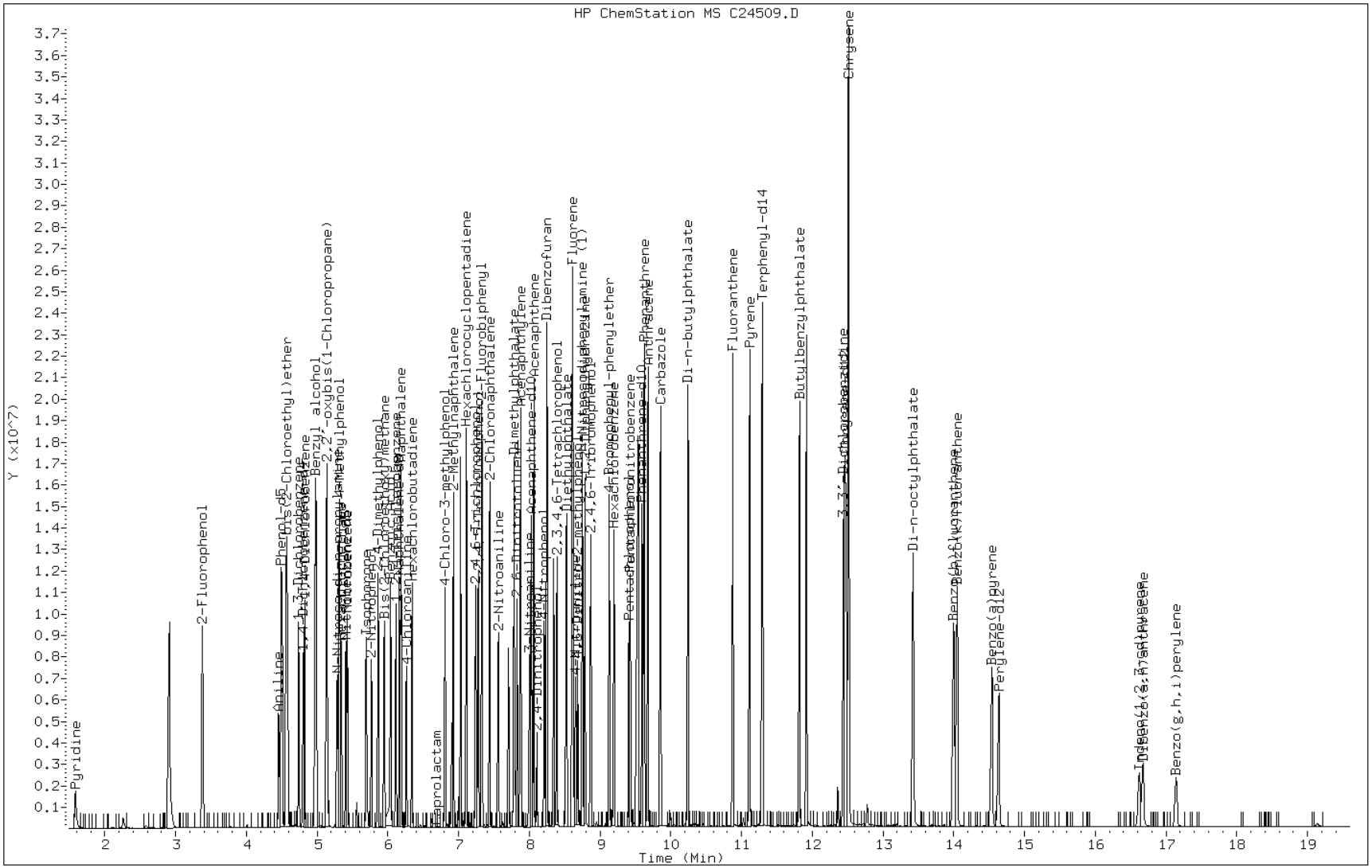
M - Compound response manually integrated.

Data File: C24509.D

Date: 27-JUL-2011 14:08

Client ID: SB-143 39-40 Instrument: msc.i

Sample Info: 220-16030-B-6-CMSD Operator: S.Jonas



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSC Start Date: 07/21/2011 10:20

Analysis Batch Number: 53172 End Date: 07/22/2011 07:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-53172/8		07/21/2011 10:20	1	Cs24381.D	ZB-5MS 0.25(mm)
ICIS 220-53172/1		07/21/2011 10:38	1	C24382.D	ZB-5MS 0.25(mm)
IC 220-53172/2		07/21/2011 11:16	1	C24383.D	ZB-5MS 0.25(mm)
IC 220-53172/3		07/21/2011 11:46	1	C24384.D	ZB-5MS 0.25(mm)
IC 220-53172/4		07/21/2011 12:16	1	C24385.D	ZB-5MS 0.25(mm)
IC 220-53172/5		07/21/2011 12:47	1	C24386.D	ZB-5MS 0.25(mm)
IC 220-53172/6		07/21/2011 13:18	1	C24387.D	ZB-5MS 0.25(mm)
IC 220-53172/7		07/21/2011 13:49	1	C24388.D	ZB-5MS 0.25(mm)
ZZZZZ		07/21/2011 22:06	10		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 00:09	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 00:40	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 01:10	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 01:41	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 02:12	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 02:43	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 03:14	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 06:43	1		ZB-5MS 0.25(mm)
ZZZZZ		07/22/2011 07:13	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSC Start Date: 07/27/2011 07:11

Analysis Batch Number: 53339 End Date: 07/27/2011 18:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-53339/4		07/27/2011 07:11	1	Cs24495.D	ZB-5MS 0.25(mm)
CCVIS 220-53339/1		07/27/2011 07:29	1	C24496.D	ZB-5MS 0.25(mm)
MB 220-53281/1-A		07/27/2011 08:01	1	C24497.D	ZB-5MS 0.25(mm)
LCS 220-53281/2-A		07/27/2011 08:32	1	C24498.D	ZB-5MS 0.25(mm)
220-16030-2	SB142B_3-4	07/27/2011 11:06	1	C24503.D	ZB-5MS 0.25(mm)
220-16030-3	SB142B_22-22.5	07/27/2011 11:36	1	C24504.D	ZB-5MS 0.25(mm)
220-16030-4	SB-143 3-4	07/27/2011 12:06	1	C24505.D	ZB-5MS 0.25(mm)
220-16030-5	SB-143 32-33	07/27/2011 12:37	1	C24506.D	ZB-5MS 0.25(mm)
220-16030-6	SB-143 39-40	07/27/2011 13:07	1	C24507.D	ZB-5MS 0.25(mm)
220-16030-6 MS	SB-143 39-40 MS	07/27/2011 13:38	1	C24508.D	ZB-5MS 0.25(mm)
220-16030-6 MSD	SB-143 39-40 MSD	07/27/2011 14:08	1	C24509.D	ZB-5MS 0.25(mm)
220-16030-7	DUP071411	07/27/2011 14:39	1	C24510.D	ZB-5MS 0.25(mm)
220-16030-1	SB142B_2-3	07/27/2011 15:09	1	C24511.D	ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 16:10	1		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 16:41	1		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:11	1		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:42	10		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 18:12	5		ZB-5MS 0.25(mm)
ZZZZZ		07/27/2011 18:43	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: MSZ Start Date: 07/27/2011 07:17

Analysis Batch Number: 53343 End Date: 07/27/2011 20:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-53343/8		07/27/2011 07:17	1	Zs21842.D	RXi-5MS 0.25(mm)
ICIS 220-53343/1		07/27/2011 07:33	1	Z21843.D	RXi-5MS 0.25(mm)
IC 220-53343/2		07/27/2011 08:01	1	Z21844.D	RXi-5MS 0.25(mm)
IC 220-53343/3		07/27/2011 08:30	1	Z21845.D	RXi-5MS 0.25(mm)
IC 220-53343/4		07/27/2011 08:58	1	Z21846.D	RXi-5MS 0.25(mm)
IC 220-53343/5		07/27/2011 09:27	1	Z21847.D	RXi-5MS 0.25(mm)
IC 220-53343/6		07/27/2011 09:55	1	Z21848.D	RXi-5MS 0.25(mm)
IC 220-53343/7		07/27/2011 10:24	1	Z21849.D	RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 11:21	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 12:18	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 12:47	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 13:15	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 13:43	1		RXi-5MS 0.25(mm)
MB 220-53137/1-A		07/27/2011 14:40	1	Z21858.D	RXi-5MS 0.25(mm)
LCS 220-53137/2-A		07/27/2011 15:08	1	Z21859.D	RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 15:36	1		RXi-5MS 0.25(mm)
220-16030-8	FB-1	07/27/2011 16:05	1	Z21861.D	RXi-5MS 0.25(mm)
220-16030-9	FB-2	07/27/2011 16:33	1	Z21862.D	RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:01	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:29	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 17:57	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 18:26	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 19:52	1		RXi-5MS 0.25(mm)
ZZZZZ		07/27/2011 20:20	1		RXi-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Batch Number: 53137 Batch Start Date: 07/21/11 14:28 Batch Analyst: Faiella, Tim

Batch Method: 3510C Batch End Date: 07/25/11 16:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	EWBNAFMS 00046
MB 220-53137/1		3510C, 8270C		7	1000 mL	1.0 mL	2	12	
LCS 220-53137/2		3510C, 8270C		7	1000 mL	1.0 mL	2	12	400 uL
220-16030-D-8	FB-1	3510C, 8270C	T	5	1000 mL	1.0 mL	2	12	
220-16030-D-9	FB-2	3510C, 8270C	T	5	1000 mL	1.0 mL	2	12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	EWBNASUR 00073	EWRCPLCS 00023				
MB 220-53137/1		3510C, 8270C		500 uL					
LCS 220-53137/2		3510C, 8270C		500 uL	400 uL				
220-16030-D-8	FB-1	3510C, 8270C	T	500 uL					
220-16030-D-9	FB-2	3510C, 8270C	T	500 uL					

Batch Notes	
Acid used for pH adjustment	h2so4
Acid used for pH adjust Lot #	wsulfacd-11
Base used for pH adjustment	naoh
Base used for pH adjust Lot #	enaoh-36
Person's name who did the concentration	Jen Capece
Na2SO4 Lot Number	ena2so4-114
Prep Solvent Lot #	ecmecl2-66
Prep Solvent Name	mecl2
Prep Solvent Volume Used	360 mL
Person's name who did the prep	tim faiella
Person's name who witnessed reagent drop	self

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Batch Number: 53281 Batch Start Date: 07/26/11 10:12 Batch Analyst: Capece, Jennifer

Batch Method: 3541 Batch End Date: 07/26/11 16:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EWBNAFMS 00046	EWBNASUR 00074	EWRCPLCS 00023	
MB 220-53281/1		3541, 8270C		15.0 g	1 mL		500 uL		
LCS 220-53281/2		3541, 8270C		15.0 g	1 mL	400 uL	500 uL	400 uL	
220-16030-B-1	SB142B_2-3	3541, 8270C	T	15.56 g	1 mL		500 uL		
220-16030-B-2	SB142B_3-4	3541, 8270C	T	15.02 g	1 mL		500 uL		
220-16030-B-3	SB142B_22-22.5	3541, 8270C	T	15.40 g	1 mL		500 uL		
220-16030-B-4	SB-143 3-4	3541, 8270C	T	15.60 g	1 mL		500 uL		
220-16030-B-5	SB-143 32-33	3541, 8270C	T	15.45 g	1 mL		500 uL		
220-16030-B-6	SB-143 39-40	3541, 8270C	T	15.23 g	1 mL		500 uL		
220-16030-B-6 MS	SB-143 39-40	3541, 8270C	T	15.50 g	1 mL	400 uL	500 uL	400 uL	
220-16030-B-6 MSD	SB-143 39-40	3541, 8270C	T	15.42 g	1 mL	400 uL	500 uL	400 uL	
220-16030-B-7	DUP071411	3541, 8270C	T	15.72 g	1 mL		500 uL		

Batch Notes	
Balance ID	35451
Person's name who did the concentration	Tracy Puccino
Vendor lot number	ecmecl2:ace_49
Na2SO4 Lot Number	ena2so4_114
Person's name who did the prep	Jen Capece
Person's name who witnessed reagent drop	Self
Solvent	mecl2:acetone 1:1

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-16030-1

SDG No.:

Project: Con Ed Haven Plaza E. 11th Street

Client Sample ID	Lab Sample ID
SB142B_2-3	220-16030-1
SB142B_3-4	220-16030-2
SB142B_22-22.5	220-16030-3
SB-143 3-4	220-16030-4
SB-143 32-33	220-16030-5
SB-143 39-40	220-16030-6
DUP071411	220-16030-7

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-16030-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/20/2005 16:02

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-16030-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 10/01/2006 12:58

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/18/2011 10:30 End Date: 07/18/2011 12:30

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist																		
ZZZZZZ			10:30																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/18/2011 10:30 End Date: 07/18/2011 12:30

				Analytes																			
Lab Sample ID	D/F	Type	Time	%Sol	Moist																		
ZZZZZZ			12:30																				
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220-16030-1	1	T	12:30	X	X																		
220-16030-2	1	T	12:30	X	X																		
220-16030-3	1	T	12:30	X	X																		
220-16030-4	1	T	12:30	X	X																		
220-16030-5	1	T	12:30	X	X																		
220-16030-6	1	T	12:30	X	X																		
220-16030-7	1	T	12:30	X	X																		
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 07/18/2011 10:30 End Date: 07/18/2011 12:30

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-16030-1

SDG No.:

Batch Number: 52964 Batch Start Date: 07/18/11 10:30 Batch Analyst: Bouthot, Agnieszka

Batch Method: Moisture Batch End Date: 07/19/11 11:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
220-16030-B-1	SB142B_2-3	Moisture	T	1.02 g	6.63 g	6.00 g			
220-16030-B-2	SB142B_3-4	Moisture	T	1.01 g	8.60 g	7.66 g			
220-16030-B-3	SB142B_22-22.5	Moisture	T	1.01 g	8.43 g	6.29 g			
220-16030-B-4	SB-143 3-4	Moisture	T	1.00 g	10.38 g	8.50 g			
220-16030-B-5	SB-143 32-33	Moisture	T	1.00 g	10.00 g	8.52 g			
220-16030-B-6	SB-143 39-40	Moisture	T	1.00 g	9.57 g	7.96 g			
220-16030-B-7	DUP071411	Moisture	T	1.00 g	9.96 g	8.45 g			

Batch Notes	
Balance ID	t1 No Unit
Date samples were placed in the oven	7/18/11
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	16:00
Date samples were removed from oven	7/19/11
Oven Temp when samples removed from oven	105 Degrees C
Time Samples were removed from oven	9:00
Oven ID	ov2
ID number of the thermometer	ov2
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	105 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 220-16030-1

Login Number: 16030 **List Source: TestAmerica Connecticut**
List Number: 1
Creator: Culik, Marie E

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7C/0.7C/2.7C
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 sample IDs on the containers and the COC.	False	SEE NARRATIVE
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.	False	SEE NARRATIVE
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	False	SEE NARRATIVE
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	