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August 24, 2012

Mr. Glenn May
New York State Department of Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

Subject: **Third Quarter 2012 Groundwater Monitoring Report**
July 2012 Sampling Event
Former Scott Aviation Facility
Lancaster, New York
NYSDEC Site Code No. 9-15-149

Dear Mr. May,

On behalf of Scott Technologies, Inc., AECOM is pleased to provide the Third Quarter 2012 Groundwater Monitoring Report for the former Scott Aviation Facility (site) located in Lancaster, New York (**Figure 1**). Quarterly groundwater monitoring activities have been performed in accordance with the New York State Department of Environmental Conservation (NYSDEC), Administrative Order on Consent (AOC), Index No. B9-0377095-05, for the former Scott Aviation property (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC groundwater monitoring requirements. A new monitoring schedule was implemented based on Table 10 presented in the Periodic Review Report (PRR) (April 7, 2011 through April 3, 2012), dated May 2012, and the wells sampled during this groundwater monitoring event reflected this new schedule. Additionally, vapor samples were collected as part of the July 2012 sampling event from the combined dual phase extraction (DPE) remediation system's air discharge sampling ports to ensure that the treated system effluent was in compliance with NYSDEC vapor discharge guidance criteria. Included in this report are a description of the project background, groundwater and vapor monitoring activities, operation and maintenance (O&M) activities for the DPE remediation system, and a summary of groundwater quality and vapor effluent results.

Project Background

Scott Aviation, Inc. was sold to Zodiac Acquisitions Corporation, and the facility is now occupied by AVOX Systems Inc. Responsibility for the DPE groundwater remediation system located at 25A Walter Winter Drive, west of AVOX Plant 2, was retained by Scott Technologies, Inc., the former parent company of Scott Aviation, Inc. Scott Technologies, Inc. has retained the services of AECOM for the ongoing O&M of the DPE remediation system and related groundwater monitoring activities.

AECOM conducted a site investigation during February 2003 in fulfillment of the document "Site Investigation Work Plan," dated December 31, 2002 (NYSDEC approval dated January 15, 2003). A comprehensive Site Investigation Completion Report (SICR) was submitted to NYSDEC on June 30, 2003; the report was approved by NYSDEC in August 2003. At the request of NYSDEC, AECOM prepared a Remedial Design Work Plan (RDWP) to complete the additional remedial work recommended in the SICR. The RDWP was submitted on November 21, 2003, and it was approved by NYSDEC on January 5, 2004.

Per the approved RDWP, a DPE remediation system was installed at the site during the period February 2004 through May 2004, and the DPE system was initially started on May 14, 2004. The DPE system was combined with a pre-existing groundwater collection trench (GWCT) system that was started on March 1, 1996.

The objectives for this combined remediation system (collectively known as the combined DPE remediation system) include:

- Maintaining hydraulic capture of groundwater containing dissolved volatile organic compounds (VOCs) along the western Plant 2 property boundary;
- Inducing a depression in the water table surface and reversing the groundwater flow direction along the western Plant 2 property boundary; and
- Reducing VOC concentrations in perched groundwater and soil.

Figure 2 depicts the location of site groundwater monitoring wells and piezometers, DPE recovery wells and system piping, enclosed DPE system trailer, and pre-existing GWCT and treatment building. **Figure 3** provides the process and instrumentation diagram for the combined DPE remediation system.

At the conclusion of the initial one-year O&M period (May 14, 2004 to July 19, 2005), a Remedial Action Engineering Report (RAER) was prepared to summarize the combined DPE remediation system as-built design, combined DPE remediation system start-up, O&M activities, quarterly monitoring data, as well as to provide recommendations for continued system operation, system optimization, sampling frequency, and O&M. The 2005 RAER was submitted to NYSDEC on November 11, 2005. In a letter dated December 13, 2005, NYSDEC accepted the 2005 RAER and requested that site monitoring wells MW-4, MW-8R, and MW-16S be added to the quarterly site sampling schedule.

The second year of combined DPE groundwater remediation system operation was summarized in the 2006 RAER (July 20, 2005 through July 20, 2006) and was submitted to the NYSDEC in November 2006. The third year of combined DPE groundwater remediation system operation was summarized in the 2007 RAER (July 21, 2006 through October 15, 2007) and was submitted to the NYSDEC in January 2007. The fourth year of combined DPE groundwater remediation system

operation was summarized in the 2008 RAER (October 15, 2007 through January 22, 2009) and was submitted to the NYSDEC in April 2009. The fifth year of combined DPE groundwater remediation system operation was summarized in the 2009 RAER (January 22, 2009 through April 8, 2010) and was submitted to the NYSDEC in June 2010.

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification is required for the site by July 31 of each calendar year, and it is to include four quarters of groundwater sampling based on the attached **Table 1** (proposed groundwater monitoring schedule for the site from October 2012 through July 2013). Additionally, the NYSDEC letter stated going forward the RAER should be revised into a PRR. Subsequently, the seventh year of combined DPE groundwater remediation system operation was summarized in the PRR (April 7, 2011 through April 3, 2012) and was submitted to the NYSDEC in May 2012.

Quarterly Groundwater Monitoring Activities – July 2012

AECOM personnel collected quarterly groundwater samples on July 5 and 6, 2012, in accordance with the procedures outlined in the NYSDEC-approved RDWP. Monitoring wells sampled in July 2012 included MW-2, MW-3, MW-4, MW-6, MW-10, MW-11, MW-12, and MW-16S (**Figure 2**). Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs by Test America Laboratories, Inc. (Amherst, New York) using United States Environmental Protection Agency (EPA) SW-846 Method 8260B.

Prior to the collection of groundwater samples, a complete round of groundwater levels were measured in all site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on July 5, 2012. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in **Appendix B**. Monitoring wells MW-2, MW-3, MW-6, MW-8R, MW-9, MW-10, MW-11, and MW-12 are screened across both the shallow and deep overburden groundwater zones. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW-16S/D) are discretely screened with one piezometer screened in the shallow overburden groundwater zone ('S' designation) and one piezometer screened in the deep overburden groundwater zone ('D' designation). **Figure 4** provides the groundwater surface contours and the corresponding groundwater flow direction using monitoring well and deep piezometer water elevation data collected on July 5, 2012.

Groundwater elevations measured on July 5, 2012 ranged from 683.88 feet above mean sea level (AMSL) at MW-2 to 673.01 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 1 foot higher when compared to the prior round of groundwater measurements collected on April 2, 2012. Based on the July 2012 water level measurements, the groundwater surface beneath the site exhibits inward flow towards the DPE wells and the GWCT. As **Figure 4** illustrates the DPE wells and the GWCT induce groundwater flow reversal along the western AVOX Plant 2 property boundary. This reversal in groundwater flow provides hydraulic capture of VOCs present in the overburden groundwater that might otherwise potentially migrate off-site.

Groundwater Quality Results – July 2012

Table 3 summarizes VOC data for groundwater samples collected in July 2012. The table below summarizes VOCs detected in groundwater above their detection limits, their respective concentration ranges, the number of detections, and the number of those detections that exceeded the site-specific Remedial Action Objectives (RAOs) or the New York Code of Rules and Regulations (NYCRR), Title 6, Part 702.15(a)(2) and 703.5. Note that in some cases the detection

limits for certain VOCs were set above their respective RAO's due to dilution factors (high concentration of target analyte[s]).

Groundwater Quality Results
July 2012

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	Remedial Action Objective/NYCRR Exceedances
Vinyl chloride	7.2 – 6,200	5	5
Chloroethane	5 – 24	4	4
1,1-Dichloroethane	4.9 – 1,200	4	3
cis-1,2-Dichloroethene	2.7 – 78,000	4	3
Trichloroethene	15,000 – 170,000	2	2
1,1,1-Trichloroethane	1.9 – 2,400	2	1
Benzene	1.2	1	1
1,1-Dichloroethene	1.8	1	0

Eight VOCs were detected in groundwater above their associated detection limit during the monitoring period. Seven of the eight VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria. The most prevalent compounds detected in groundwater in July 2012 included vinyl chloride (VC), chloroethane, 1,1-dichloroethane (1,1-DCA), cis-1,2-dichloroethene (cis-1,2-DCE), trichloroethane, and 1,1-dichloroethene (1,1-DCE). The occurrence of the aforementioned compounds is primarily in the vicinity of the former on-site source area, and VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

An electronic copy of the analytical laboratory data package for the July 2012 groundwater monitoring event is provided in **Appendix C**. A complete hard copy of the analytical data report is on file in AECOM's Amherst, New York office, and it can be made available to NYSDEC upon request.

The presence and distribution of TCE daughter products (cis-1,2-DCE and VC) and 1,1,1-TCA daughter products (1,1-DCA and chloroethane) provides supportive evidence that the attenuation of TCE and 1,1,1-TCA and its daughter products, via reductive dechlorination, continues to occur at the site naturally. In addition, attenuation may also be the result of the chemical oxidation injection pilot test. The occurrence of these daughter products appears to be directly related to the distribution of TCE and 1,1,1-TCA in the subsurface.

Historical trend plots for the wells sampled during this quarter for concentrations of TCE, cis-1,2-DCE, VC, 1,1,1-TCA, 1,1-DCA, and chloroethane are provided in **Appendix D**. As stated above, the VOC concentrations in groundwater continue to show a degradation trend as a result of naturally occurring reductive dechlorination processes and potentially as a result of the chemical oxidation injection pilot test. Additionally, historical concentrations of VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment through the combined DPE remediation system. Because TCE is considered the primary source of groundwater contamination at the site, a summary of historical and current TCE concentrations in groundwater for the eight monitoring wells and piezometers sampled in July 2012 is included in **Table 4**. Recall that the DPE component of the combined remediation system was started May 14, 2004, and the chemical

oxidation injection pilot test with a first series of injections was performed between July and October 2011, and a second series of injections performed between June and October 2011.

During this quarterly groundwater monitoring period and consistent with previous monitoring periods, TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, MW-11, and MW-12.

Table 4 shows a summary of historical and current TCE concentrations. Based on the July 2012 groundwater data, there was a reduction in TCE concentrations at MW-4 and MW-16S from the previous groundwater sampling event in April 2012; although there was an increase in MW-4 compared to the baseline groundwater sampling event. Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004 indicates the system continues to reduce VOC concentrations in perched groundwater and soil at the site.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – July 2012

AECOM personnel collected vapor effluent samples from the combined DPE groundwater remediation system vapor discharge stacks on July 6, 2012. Summa canisters were used to collect vapor samples from permanent sample ports located on two system air stacks. **Figure 3** shows the location of both vapor sample ports. The first sample was obtained from the vapor effluent discharge from the DPE system at the liquid ring pump (LRP). The second sample was obtained from the air stripper (AS) unit discharge. Air samples were analyzed for VOCs by Method TO-15 (modified TO-14A) by Test America Laboratories, Inc. located in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – July 2012

The system vapor effluent results are summarized in **Table 5**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix C** (complete hard copy available in AECOM's Amherst, New York office). Seven VOCs were detected in the combined DPE remediation system LRP effluent, and 14 VOCs were detected in the AS unit effluent. The total VOCs discharged in the LRP effluent were 95,210 micrograms per cubic meter (µg/m3) and 66 µg/m^3 in the AS unit effluent. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.017 pounds per hour (lb/hr), which is below the NYSDEC discharge guidance value of 0.5 lb/hr.

Combined DPE Remediation System Operation and Maintenance

During the reporting period, AECOM monitored system performance, conducted routine O&M, and responded to system alarms and periodic breakdowns of the combined DPE remediation system. O&M activities conducted in addition to routine O&M activities during the monitoring period included the following:

- On April 19, 2012, AECOM and subcontractor Matrix Environmental Technologies Inc. (Matrix) serviced the liquid ring pump thermo-coupler and restarted the system.

- On May 31, 2012, AECOM and Matrix performed the quarterly O&M activity on May 31, 2012 (bag filter was changed, air stripper (AS) was dissembled and trays were power washed, AS mufflers were cleaned, AS and DPE trailer air intake screens were cleaned,

knockout tank transfer pump was repaired, and knockout tank transfer hose was replaced). System was restarted.

- On July 19, 2012, Matrix services the knockout tank pump (replaced drive coupler).

The combined DPE remediation system ran throughout the monitoring period with only a couple minor down times. Based on a system operational period from April 2, 2012 (second quarter groundwater sampling event) to July 6, 2012, the total combined DPE system runtime was approximately 96.4 percent. This runtime percentage was derived from the LRP run timer (35,778.5 hours on 7/6/12 and 33,572.8 hours on 4/2/12) divided by the monitoring time period. During this operational period, the DPE system collected an estimated 3,706 gallons of groundwater at an average flow rate of 0.04 gallons per minute (gpm). The GWCT collected 105,741 gallons of groundwater at an average flow rate of 0.8 gpm. Therefore, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 109,447 gallons at a combined average flow rate of 0.83 gpm.

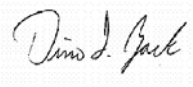
Summary

The combined DPE remediation system (DPE and GWCT) was fully operational during Third Quarter 2012 groundwater sampling and monitoring activities that occurred on July 5-6, 2012. TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, MW-11 and MW-12.

Based on the results of the July 2012 sampling event, the combined DPE remediation system continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. Vapor emissions produced by the combined system during the Third Quarter 2012 were less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is scheduled for October 2012, and a list of the monitoring wells and piezometers to be sampled is included in **Table 1**. If you have any questions regarding this submission, please do not hesitate to contact me at (716) 836-4506 or via e-mail at dino.zack@aecom.com.

Yours sincerely



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\Enclosures

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AECOM Project File (Hard Copy)

TABLES

Table 1

Groundwater Monitoring Schedule - October 2012 through July 2013
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Event Date (Frequency)	Number of Wells/Piezometers Sampled	Wells/Piezometers Sampled			
October 2012 (Quarterly)	8	MW-2	MW-3	MW-6	MW-8R
		MW-10	MW-11	MW-12	MW-13S
January 2013 (Quarterly)	8	MW-2	MW-3	MW-4	MW-6
		MW-10	MW-11	MW-12	MW-16S
April 2013 (Annual)	17	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-9	MW-10	MW-11
		MW-12	MW-13S	MW-13D	MW-14S
		MW-14D	MW-15S	MW-15D	MW-16S
		MW-16D			
July 2013 (Quarterly)	8	MW-2	MW-3	MW-6	MW-8R
		MW-10	MW-11	MW-12	MW-13S

Table 2

Quarterly Groundwater Monitoring Water Level Data - July 5, 2012
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	6.47	683.88
MW-3	687.02	8.56	678.46
MW-4	686.42	9.66	676.76
MW-6	686.53	7.64	678.89
MW-8R	686.21	10.34	675.87
MW-9	688.64	11.48	677.16
MW-10	687.41	7.55	679.86
MW-11	688.65	10.53	678.12
MW-12	686.15	7.20	678.95
Nested Piezometers			
MW-13S	686.60	8.71	677.89
MW-13D	686.73	9.25	677.48
MW-14S	685.70	7.15	678.55
MW-14D	685.82	12.81	673.01
MW-15S	687.52	3.90	683.62
MW-15D	687.62	9.81	677.81
MW-16S	685.84	9.12	676.72
MW-16D	686.01	8.90	677.11

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Not available

Table 3

Summary of Laboratory Analytical Data for Groundwater - July 2012
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-2	MW-3	MW-4	MW-6
Date Collected	RAO/ NYCRR	07/05/12	07/05/12	07/06/12	07/05/12
Lab Sample ID	Objectives	480-22187-4	480-22187-4	480-22257-3	480-22187-6
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,1-Trichloroethane	5	< 1 U	< 1 U	< 1,000 U	< 1 U
1,1-Dichloroethane	5	< 1 U	**4.9**	**990 J**	< 1 U
1,1-Dichloroethene	5	< 1 U	< 1 U	< 1,000 U	< 1 U
Benzene	1	< 1 U	< 1 U	< 1,000 U	< 1 U
Chloroethane	5	**6.3**	**5.6**	< 1,000 U	< 1 U
cis-1,2-Dichloroethene	5	< 1 U	**2.7**	**78,000**	< 1 U
Trichloroethene	5	< 1 U	< 1 U	**15,000**	< 1 U
Vinyl chloride	2	< 1 U	**7.2**	**6,200**	< 1 U

Sample ID	Groundwater	MW-10	MW-11	MW-12	MW-16S
Date Collected	RAO/ NYCRR	07/05/12	07/05/12	07/05/12	07/06/12
Lab Sample ID	Objectives	480-22187-1	480-22187-2	480-22187-3	480-22257-2
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1,1-Trichloroethane	5	< 1 U	**1.9**	< 1 U	**2,400**
1,1-Dichloroethane	5	< 1 U	**12**	< 1 U	**1,200 J**
1,1-Dichloroethene	5	< 1 U	**1.8**	< 1 U	< 2,000 U
Benzene	1	< 1 U	< 1 U	**1.2**	< 2,000 U
Chloroethane	5	< 1 U	**5**	**24**	< 2,000 U
cis-1,2-Dichloroethene	5	< 1 U	**38**	< 1 U	**72,000**
Trichloroethene	5	< 1 U	< 1 U	< 1 U	**170,000**
Vinyl chloride	2	< 1 U	**19**	**7.2**	**3,900**

Notes:
µg/L - micrograms per liter
RAO - Remedial Action Objective
NYCRR - New York Code of Rules and Regulations, Title 6, Part 702.15 (a)(2) and 703.5
Bold font indicates the analyte was detected
Bold outline indicates the screening criteria was exceeded
U - Indicates compound below associated detection leve
J - Indicates an estimated value

Table 4

Summary of Historical and Current Trichloroethene Concentrations
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	TCE Concentration (µg/L)																		
Well ID	Apr 2003[1]	Apr 2004[2]	Oct 2004[3,4]	Jan 2005[4]	Apr 2005[4,5]	Jul 2005[4]	Oct 2005[4]	Jan 2006[4]	Apr 2006[4]	Jul 2006[4]	Oct 2006[4]	Jan 2007[4]	Apr 2007[4]	Jul 2007[4]	Oct 2007[4]	Jan 2008[4]	Apr 2008[4]	Jul 2008[4]	Oct 2008[4]
MW-2	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	<5	<5	<5	<5	<5
MW-3	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	5	<5	<5	<5	<5
MW-4	249	NA	8,100	20,000	NA	NA	NA	6,500	3,200	2,400	2,600	2,800	4,900	1,100	4,800	9,200	5,800	500	6,300
MW-6	<1	NA	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.63	<5	<5	<5	<5
MW-8R	NA	NA	35,000	23,000	15,000	9,200	13,000	42,000	14,000	16,000	13,000	1,600	19,000	29,000	2,200	38,000	12,000	7,400	22,000
MW-10	<1	NA	NA	NA	<10	NA	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW- 11	NA	NA	NA	NA	<10	NA	NA	2.2	<20	<20	6.8	2.6	0.89	<5	0.71	1.1	0.49	1	0.81
MW-12	NA	NA	13	<10	<10	<5	<5	<25	<25	<25	NA	<5	<20	<5	<5	<5	<5	<5	<5
MW-13S	NA	10,000	2,100	10,000	760	870	410	NA	NA	17,000	1,300	1,700	4,400	220	570	1,800	580	1,800	5,800
MW-16S	NA	860,000	200,000	420,000	400,000	480,000	440,000	470,000	260,000	310,000	77,000	44,000	94,000	86,000	130,000	67,000	76,000	58,000	63,000

Notes:
NA - Not Analyzed
ND - Not Detected
NS - Not sampled
DPE Remediation System started on May 14, 2004.
[1] - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.
[2] - Considered baseline sampling event for MW-13S and MW-16S.
[3] - Considered baseline sampling event for MW-4, MW-8R, and MW-12.
[4] - DPE system operational.
[5] - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).
[6] - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.
[7] - DPE system off-line.

Table 4

Summary of Historical and Current Trichloroethene Concentrations
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	TCE Concentration (µg/L)																
Well ID	Jan 2009[4]	Apr 2009[4]	Jul 2009[4]	Oct 2009[4]	Jan 2010[4]	Apr 2010[4]	Jul 2010[4]	Oct 2010[4]	Jan 2011[4]	Apr 2011[4]	Jul 2011[7]	Oct 2011[7]	Jan 2012[4]	Apr 2012[4]	Jul 2012[4]	TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
MW-2	<5	<5	<5	<5	<25	<25	<25	350[6]	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-3	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-4	19,000	4,100	2,300	NS	7,400	3,000	NS	7,800	NS	13,000	NS	17,000	NS	39,000	15,000	62%	increase
MW-6	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-8R	8,400	13,000	NS	1,400	NS	2,500	19,000	NS	99,000	89,000	36,000	33,000	99,000	99,000	NS	NS	NS
MW-10	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW- 11	0.77	0.95	0.69	0.97	0.77	0.95	1	0.8	NS	1.2	<1	<1	<1	0.51	<1	ND	ND
MW-12	NA	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-13S	3,400	3,400	NS	400	NS	1,400	400	NS	39,000	40,000	31,000	NS	53,000	39,000	NS	NS	NS
MW-16S	92,000	130,000	87,000	NS	22,000	220,000	NS	300,000	NS	250,000	NS	190,000	NS	250,000	170,000	32%	80%

Notes:
NA - Not Analyzed
ND - Not Detected
NS - Not sampled
DPE Remediation System started on May 14, 2004.
[1] - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.
[2] - Considered baseline sampling event for MW-13S and MW-16S.
[3] - Considered baseline sampling event for MW-4, MW-8R, and MW-12.
[4] - DPE system operational.
[5] - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).
[6] - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.
[7] - DPE system off-line.

Table 5

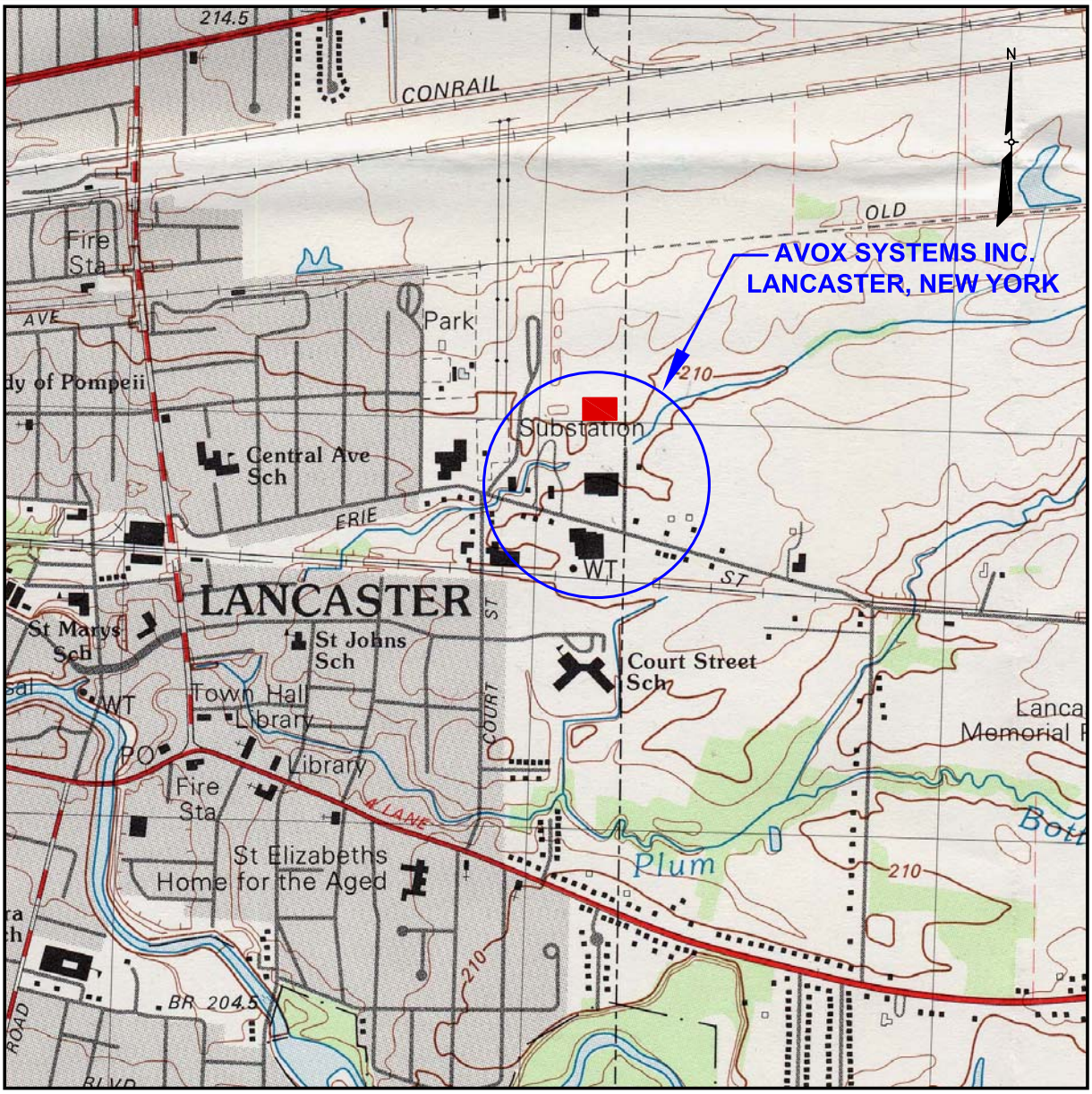
Vapor Monitoring Results - July 2012
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	Sample ID:	LRP Effluent		AS Effluent	
	Sample Date:	7/6/2012		7/6/2012	
VOCs by Method TO-15 (µg/m^3)					
Vinyl chloride		1,500			
Chloroethane			U	3.4	
Dichlorodifluoromethane			U	2.7	
Chloromethane			U	1.4	
Trichlorofluoromethane			U	1.3	
Acetone			U	13	
Methyl Ethyl Ketone			U	3.5	
1,3-Dichlorobenzene			U	15	
Benzene			U	0.93	
Xylene (total)			U	2.8	
n-Hexane			U	1.4	
1,1-Dichloroethane		860			U
1,1-Dichloroethene		290			U
cis-1,2-Dichloroethene		34,000		6.5	
Trichloroethene		58,000		8.4	
Toluene			U	5.5	
1,1,1-Trichloroethane		850			U
Total Detected VOCs (µg/m^3)		95,210		66	
Vacuum (inches Hg)*		20		0.40	
Air Flow Rate (acfm)*		47		309	
VOC discharge loading (lb/hr)		0.0169		0.0001	
Total VOC discharge loading (lb/hr)		**0.0170**			

Notes:
* The LRP flow rate used for the calculation was recorded during the sampling activity (22 scfm, 20 in. Hg) on July 6, 2012.
* The air stripper vacuum measured on that day was 6 inches H_2O and the flow rate was 285 scfm.
1. µg/m^3 = micrograms per cubic meter
2. acfm = actual cubic feet per minute
3. scfm = standard cubic feet per minute
4. lb/hr = pounds per hour
5. LRP Effluent represents the untreated vapor discharge for the Liquid Ring Pump.
6. AS Effluent represents the untreated vapor discharge for the Air Stripper.

Qualifiers:
U - Not detected at or above reporting limit (reporting limit concentration **not** included in the Total Detected VOCs).

FIGURES



SOURCE:
1982 GEOLOGIC SURVEY 7.5 X 15 MINUTE TOPOGRAPHIC QUADRANGLE
LANCASTER, NEW YORK

LEGEND

AVOX PLANT 3 ADDED AFTER PUBLICATION OF LANCASTER, NEW YORK TOPOGRAPHIC QUADRANGLE.

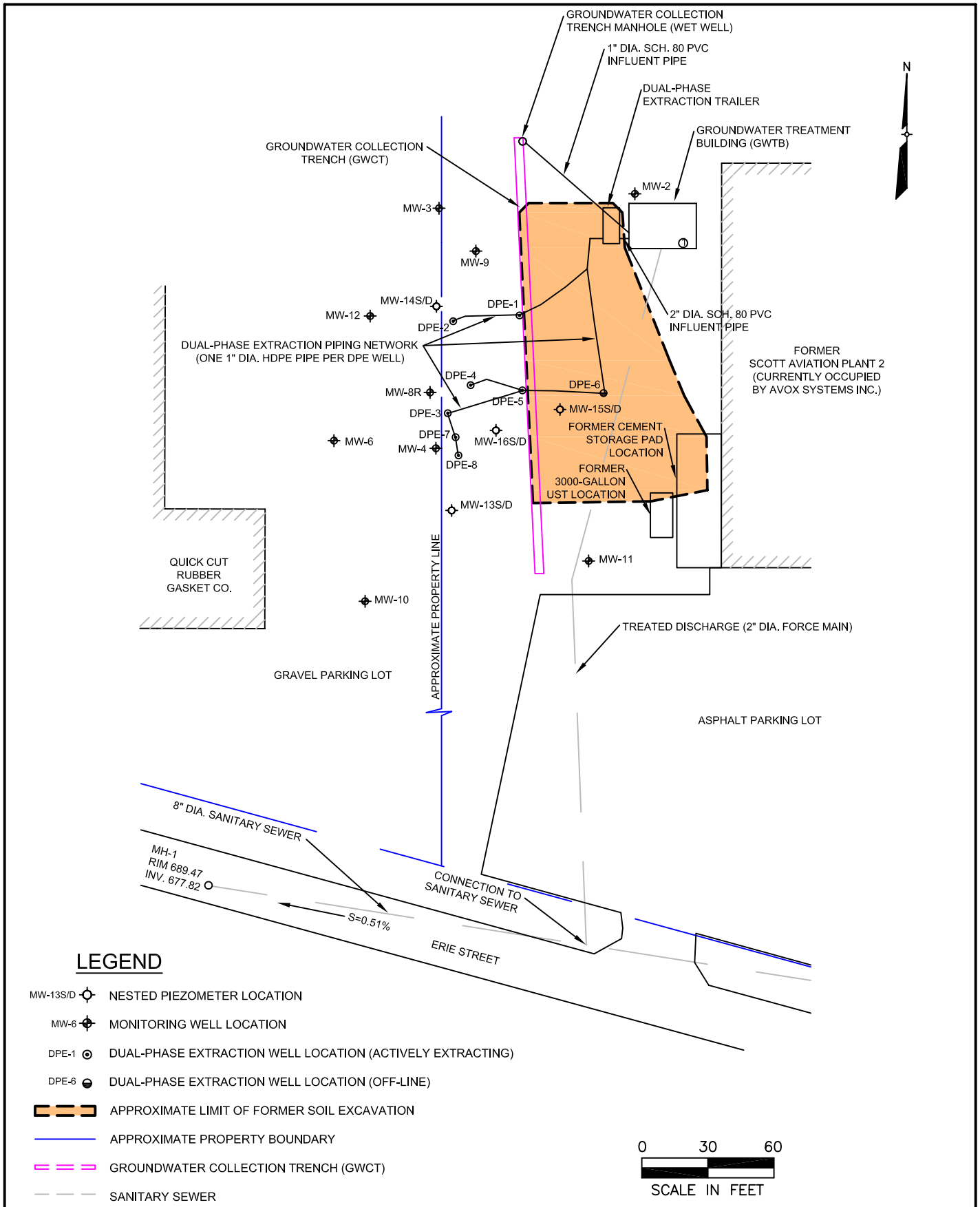
0 1000 2000
SCALE IN FEET

AECOM

FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY AREA 1
LANCASTER, NEW YORK

L:\work\71149\CADD\71149_000 Site Loc Map.dwg, 1/21/2011 11:42:06 AM, splawnm



AECOM

FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

L:\work\71149\CADD\71149_001 Site Features Map.dwg, 1/21/2011 11:44:46 AM, splawnm

CONDENSATE RETURN LINES

VAPOR DISCHARGE TO ATMOSPHERE

OIL SEALED VACUUM BLOWER (LIQUID RING PUMP)

RECYCLE LINE

OIL FILTER RECYCLER

DUAL PHASE EXTRACTION TRAILER

PARTICULATE/LIQUID FILTER

DPE SYSTEM CONTROL PANEL

VAPOR / LIQUID PHASE SEPARATOR

H H
H L
L L

DPE-6 DPE-7 DPE-8

SPARE DPE-1 DPE-2 DPE-3 DPE-4 DPE-5

AUTO TRANSER PUMP

HOLD TANK

AUTO TRANSER PUMP

BAG FILTER #1

BAG FILTER #2

VACUUM BLOWER

VAPOR DISCHARGE TO ATMOSPHERE

FLOOR SUMP

AIR BLEED VALVE

DROP TUBE

DPE RECOVERY WELL (TYP)

AIR STRIPPER SYSTEM CONTROL PANEL

AIR STRIPPER

GROUNDWATER TREATMENT BUILDING (GWTB)

AUTO TRANSER PUMP

SUBMURSIBLE PUMP

GROUNDWATER COLLECTION TRENCH (GWCT) WET WELL

HEAT EXCHANGER (OFF-LINE)

CONDENSATE RETURN LINES

TREATED WATER DISCHARGE TO SANITARY SEWER

FRESH AIR INTAKE

LEGEND

- DUAL PHASE EXTRACTION TRAILER
- GROUNDWATER TREATMENT BUILDING
- WATER
- AIR
- ELECTRIC
- H H HIGH HIGH
- H L HIGH LOW
- L L LOW LOW
- T TEMPERATURE GUAGE
- P PRESSURE GUAGE
- G FLOW GUAGE
- V VACUUM GUAGE
- F FLOW METER
- S SAMPLING PORT (MANUAL)
- BALL VALVE
- CHECK VALVE

AECOM

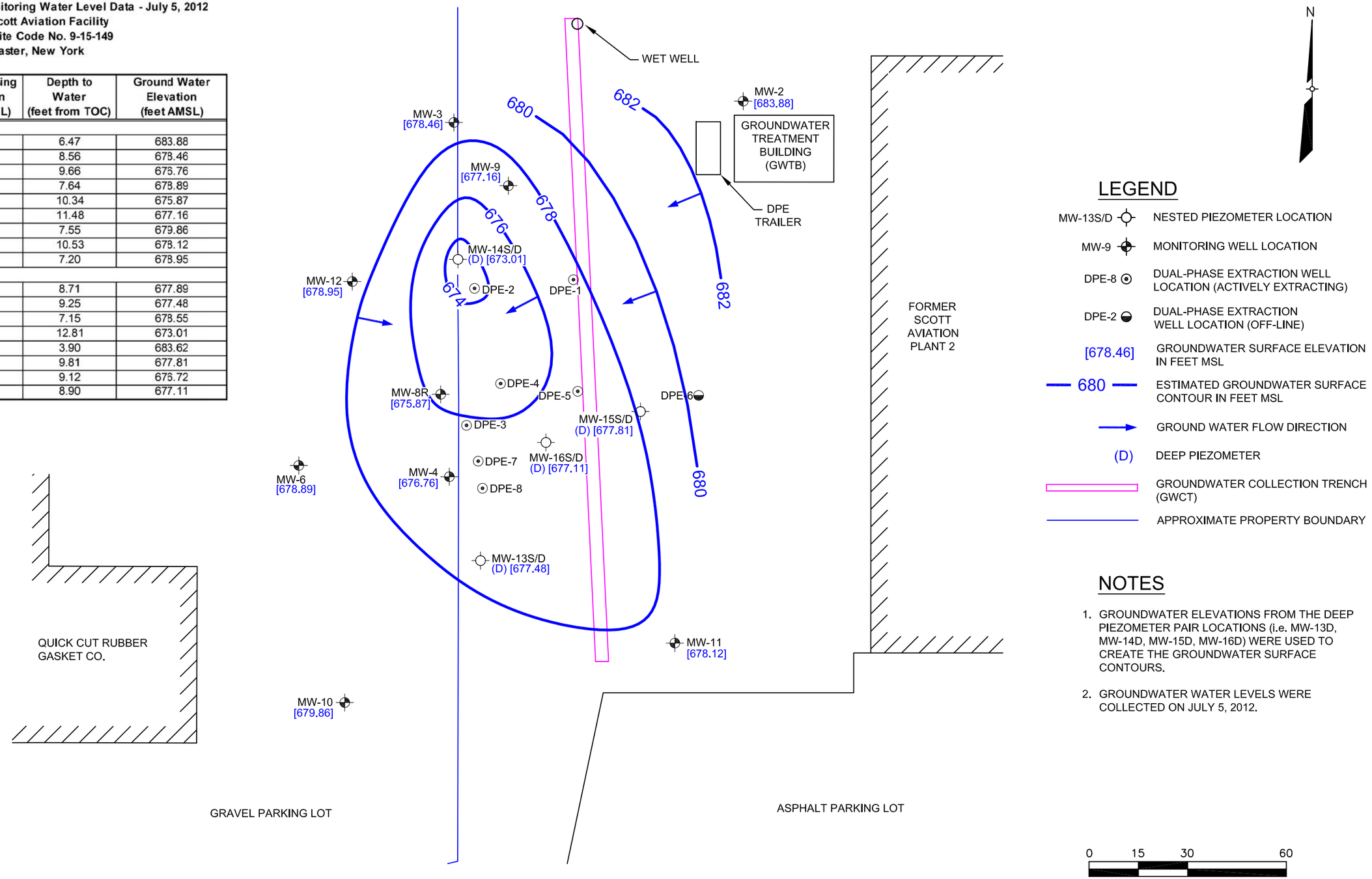
FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM FOR COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Quarterly Groundwater Monitoring Water Level Data - July 5, 2012
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	6.47	683.88
MW-3	687.02	8.56	678.46
MW-4	686.42	9.66	676.76
MW-6	686.53	7.64	678.89
MW-8R	686.21	10.34	675.87
MW-9	688.64	11.48	677.16
MW-10	687.41	7.55	679.86
MW-11	688.65	10.53	678.12
MW-12	686.15	7.20	678.95
Nested Piezometers			
MW-13S	686.60	8.71	677.89
MW-13D	686.73	9.25	677.48
MW-14S	685.70	7.15	678.55
MW-14D	685.82	12.81	673.01
MW-15S	687.52	3.90	683.62
MW-15D	687.62	9.81	677.81
MW-16S	685.84	9.12	676.72
MW-16D	686.01	8.90	677.11

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Not available



LEGEND

- MW-13S/D — NESTED PIEZOMETER LOCATION
- MW-9 — MONITORING WELL LOCATION
- DPE-8 — DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-2 — DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [678.46] — GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 680 — ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL
- GROUND WATER FLOW DIRECTION
- (D) — DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

1. GROUNDWATER ELEVATIONS FROM THE DEEP PIEZOMETER PAIR LOCATIONS (i.e. MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE GROUNDWATER SURFACE CONTOURS.
2. GROUNDWATER WATER LEVELS WERE COLLECTED ON JULY 5, 2012.

0 15 30 60
SCALE IN FEET

AECOM

FIGURE 4
GROUNDWATER SURFACE CONTOUR MAP
JULY 2012
DEEP OVERBURDEN GROUNDWATER LEVELS
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

71149

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APPENDIX A

Field Forms

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/5/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-2
____ Upgradient ____ Downgradient
Weather Conditions: sunny
Air Temperature: 80 ° F
Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.43 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 690.35 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 7-17 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100			
Time (Military)	11:05	11:10	11:15	11:20	11:25			
Depth to Groundwater Below Top of Casing (ft)	6.84	7.73	8.1	8.3	8.5			
Drawdown (ft)	-0.41	-0.89	-0.37	-0.2	-0.2			
pH (S.U.)	6.35	6.28	6.32	6.34	6.36			
Sp. Cond. (mS/cm)	1.683	1.670	1.658	1.648	1.607			
Turbidity (NTUs)	9.78	6.1	11.55	11.37	13.22			
Dissolved Oxygen (mg/L)	5.15	0.73	0.15	0.14	0			
Water Temperature (°C)	18.8	17.9	17.6	17.8	17.5			
ORP (mV)	-74.8	-76.3	-79.4	-80.8	-80.0			

Physical appearance at start — Color: clear; Odor: no
Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: no
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging @ 11:00. Set tubing at center of well screen. Sample time @ 11:30. Small amount of iron bacteria at start of pumping.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/5/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-3
____ Upgradient ____ Downgradient
Weather Conditions: sunny
Air Temperature: 85 ° F
Total Depth (TWD) Below Top of Casing = 28 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.4 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.72 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 7.5 - 27.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150			
Time (Military)	13:00	13:05	13:10	13:15	13:20			
Depth to Groundwater Below Top of Casing (ft)	9.3	10	10.75	11.58	12.3			
Drawdown (ft)	-0.9	-0.7	-0.75	-0.83	-0.72			
pH (S.U.)	6.98	6.92	6.9	6.9	6.91			
Sp. Cond. (mS/cm)	1.182	1.178	1.181	1.173	1.177			
Turbidity (NTUs)	2.07	2.18	0.38	1.64	1.93			
Dissolved Oxygen (mg/L)	1.74	0.22	0	0	0			
Water Temperature (°C)	14	14	14.1	14	13.8			
ORP (mV)	-64.8	-66.9	-69.5	-71.5	-73.1			

Physical appearance at start — Color: clear; Odor: no
Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: no
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging at 12:55. Set tubing at center of well screen. Sample time @ 13:25. Well drawing down.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/6/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-4
____ Upgradient ____ Downgradient
Weather Conditions: partly cloudy
Air Temperature: 75 ° F
Total Depth (TWD) Below Top of Casing = 26 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.61 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.64 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 15.5 - 25.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	DUP

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150			
Time (Military)	8:25	8:30	8:35	8:40	8:45			
Depth to Groundwater Below Top of Casing (ft)	10.8	11.63	12.25	12.8	13.45			
Drawdown (ft)	-1.19	-0.83	-0.62	-0.55	-0.65			
pH (S.U.)	5.48	6.45	6.45	6.44	6.44			
Sp. Cond. (mS/cm)	4.218	3.854	3.825	3.825	3.819			
Turbidity (NTUs)	20.1	16.5	17.45	17.3	16.01			
Dissolved Oxygen (mg/L)	3.73	0.31	0	0	0			
Water Temperature (°C)	14.3	14.4	14.4	14.3	14.2			
ORP (mV)	-125.7	-122.3	-124.5	-125.6	-128.6			

Physical appearance at start — Color: clear; Odor: no; Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: no; Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging @ 8:20. Set tubing at center of well screen. Sample time @ 8:50. Duplicate collected at this well. Duplicate time listed as 8:00.
Well drawing down.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/5/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-6
____ Upgradient ____ Downgradient
Weather Conditions: sunny
Air Temperature: 85
Total Depth (TWD) Below Top of Casing = 25 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.8 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.68 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 14.5 - 24.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	14:30	14:35	14:40	14:45	14:50	14:55		
Depth to Groundwater Below Top of Casing (ft)	8.8	9.2	9.75	10	10.27	10.45		
Drawdown (ft)	-1	-0.4	-0.55	-0.25	-0.27	-0.18		
pH (S.U.)	7..3	7.3	7.32	7.33	7.37	7.39		
Sp. Cond. (mS/cm)	1.106	1.02	1.018	1.024	1.013	1.002		
Turbidity (NTUs)	4.02	9.23	8.89	9.98	6.8	5.89		
Dissolved Oxygen (mg/L)	0.03	0	0	0	0	0		
Water Temperature (°C)	15.5	15.3	15.3	15.1	14.7	14.7		
ORP (mV)	-72.5	-77	-83.3	-85.8	-87.5	-89.3		

Physical appearance at start: Color clear; Odor no
Sheen/Free Product: no

Physical appearance at sampling: Color clear; Odor no
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging @ 14:25. Set tubing at center of well screen. Sample time @ 15:00.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/5/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-10
____ Upgradient ____ Downgradient
Weather Conditions: sunny
Air Temperature: 90 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.5 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.72 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 3.5 - 23.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150			
Time (Military)	15:30	15:35	15:40	15:45	15:50			
Depth to Groundwater Below Top of Casing (ft)	8.15	8.9	9.2	9.4	9.58			
Drawdown (ft)	-0.65	-0.75	-0.3	-0.2	-0.18			
pH (S.U.)	6.83	6.74	6.72	6.69	6.69			
Sp. Cond. (mS/cm)	2.045	2.044	2.03	2.04	2.031			
Turbidity (NTUs)	7.7	9.13	6.24	5.67	4.6			
Dissolved Oxygen (mg/L)	2.15	0.08	0	0	0			
Water Temperature (°C)	15.8	15.2	15.4	14.8	15.3			
ORP (mV)	31.3	29.1	27.5	26.6	24.7			

Physical appearance at start — Color: clear; Odor: no
Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: no
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging @ 15:25. Set tubing at center of well screen. Sample time @ 15.55.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/5/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-11
____ Upgradient ____ Downgradient
Weather Conditions: sunny
Air Temperature: 85
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 10.41 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 688.61 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 8.5 - 28.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	110	110	110	110	110			
Time (Military)	12:05	12:10	12:15	12:20	12:25			
Depth to Groundwater Below Top of Casing (ft)	10.71	10.83	10.93	11.02	11.1			
Drawdown (ft)	-0.3	-0.12	-0.1	-0.09	-0.08			
pH (S.U.)	8.9	9.09	9.25	9.22	9.35			
Sp. Cond. (mS/cm)	3.764	3.759	3.751	3.749	3.756			
Turbidity (NTUs)	1.42	1.88	1.2	0.75	0.46			
Dissolved Oxygen (mg/L)	1.52	0.27	0	0	0			
Water Temperature (°C)	15.9	15.9	15.5	15.3	15.5			
ORP (mV)	-23.2	-25.7	-30.9	-33.8	-37.1			

Physical appearance at start — Color: clear; Odor: no
Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: no
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging at 12:00. Set tubing at center of well screen. Sample time @ 12:30.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/5/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-12
____ Upgradient ____ Downgradient
Weather Conditions: sunny
Air Temperature: 85 ° F
Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.78 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Teflon Tubing
Total Volume of Water Removed: 4 liter

Casing Diameter: 4 inches
Casing Material: PVC
Measuring Point Elevation: 685.79 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 7 - 27 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150			
TIME (Military)	13:45	13:50	13:55	14:00	14:05			
Depth to Groundwater Below Top of Casing (ft)	7.5	8	8.35	8.6	8.8			
Drawdown (ft)	-0.72	-0.5	-0.35	-0.25	-0.2			
pH (S.U.)	6.65	6.66	6.69	6.7	6.7			
Sp. Cond. (mS/cm)	1.634	1.618	1.616	1.613	1.616			
Turbidity (NTUs)	2.44	2.53	2.3	2.91	2.17			
Dissolved Oxygen (mg/L)	1.22	0	0	0	0			
Water Temperature (°C)	15.9	15.5	15.6	15.5	15.4			
ORP (mV)	-91.3	-98.6	-103.2	-106.8	-108.7			

Physical appearance at start — Color: clear; Odor: no
Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: no
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging at 13:40. Set tubing at center of well screen. Sample time @ 14:10.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/6/2012
Field Personnel: E. Laity
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60242861**
Well ID #: MW-16S
____ Upgradient ____ Downgradient
Weather Conditions: partly cloudy
Air Temperature: 75 ° F
Total Depth (TWD) Below Top of Casing = 15.4' bgs 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.15 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 685.84 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 1/100 ft
Screened Interval (below land surface): 12 - 18 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100			
Time (Military)	9:40	9:45	9:50	9:55	10:00			
Depth to Groundwater Below Top of Casing (ft)	10.5	11.65	12.15	12.85	13.4			
Drawdown (ft)	-1.35	-1.15	-0.5	-0.7	-0.55			
pH (S.U.)	6.84	6.76	6.65	6.65	6.65			
Sp. Cond. (mS/cm)	1.809	1.467	1.749	1.922	1.978			
Turbidity (NTUs)	224	250	146	178.6	136.5			
Dissolved Oxygen (mg/L)	4.79	2.21	0.89	0.13	0.9			
Water Temperature (°C)	16	15.6	14.9	14.6	14.8			
ORP (mV)	-46.5	-39.6	-25.6	-65.9	-77.3			

Physical appearance at start — Color: cloudy orange; Odor: no; Sheen/Free Product: no

Physical appearance at sampling — Color: cloudy orange; Odor: no; Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging at 9:38. Set tubing at ~14ft bgs. Sample time @ 10:05. Well drawing down. Grab sampled well.

APPENDIX B

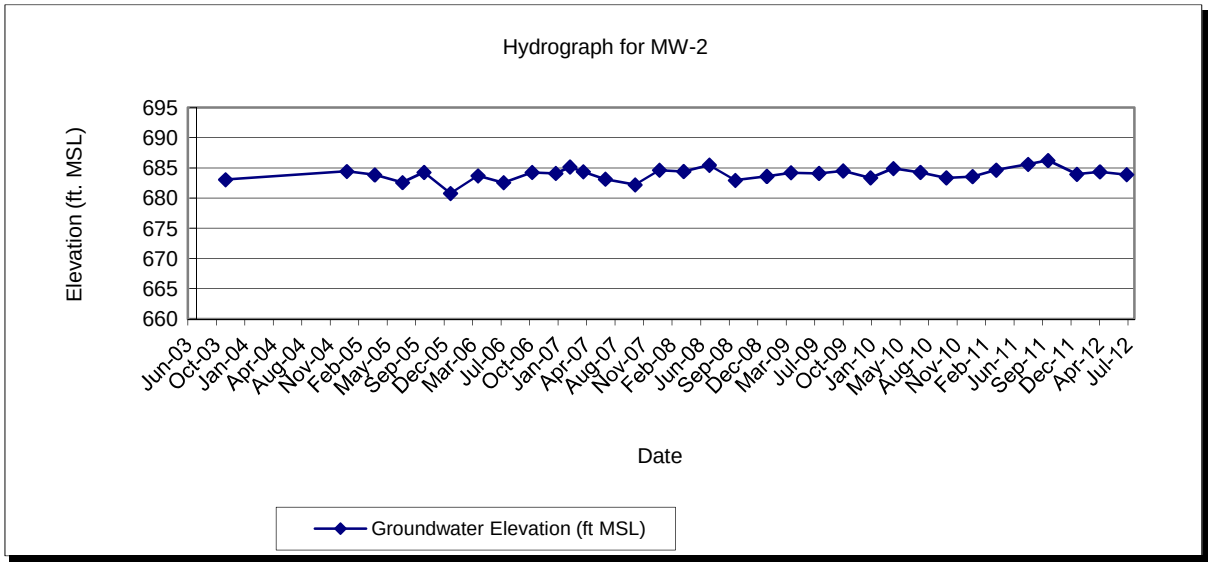
Summary of Groundwater Elevations

MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	7.29	683.06
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	5.92	684.43
4/14/2005	6.50	683.85
7/20/2005	7.77	682.58
10/4/2005	6.08	684.27
1/5/2006	9.56	680.79
4/11/2006	6.65	683.70
7/10/2006	7.79	682.56
10/18/2006	6.11	684.24
1/9/2007	6.27	684.08
2/28/2007	5.20	685.15
4/16/2007	5.99	684.36
7/2/2007	7.22	683.13
10/15/2007	8.15	682.20
1/8/2008	5.73	684.62
4/2/2008	5.95	684.40
7/1/2008	4.90	685.45
9/30/2008	7.40	682.95
1/19/2009	6.75	683.60
4/14/2009	6.15	684.20
7/21/2009	6.25	684.10
10/14/2009	5.85	684.50
1/18/2010	7.00	683.35
4/8/2010	5.45	684.90
7/12/2010	6.10	684.25
10/11/2010	7.00	683.35
1/11/2011	6.80	683.55
4/4/2011	5.70	684.65
7/25/2011	4.75	685.60
10/3/2011	4.13	686.22
1/12/2012	6.40	683.95
4/2/2012	6.00	684.35
7/5/2012	6.47	683.88

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 690.35
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 690.35

MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

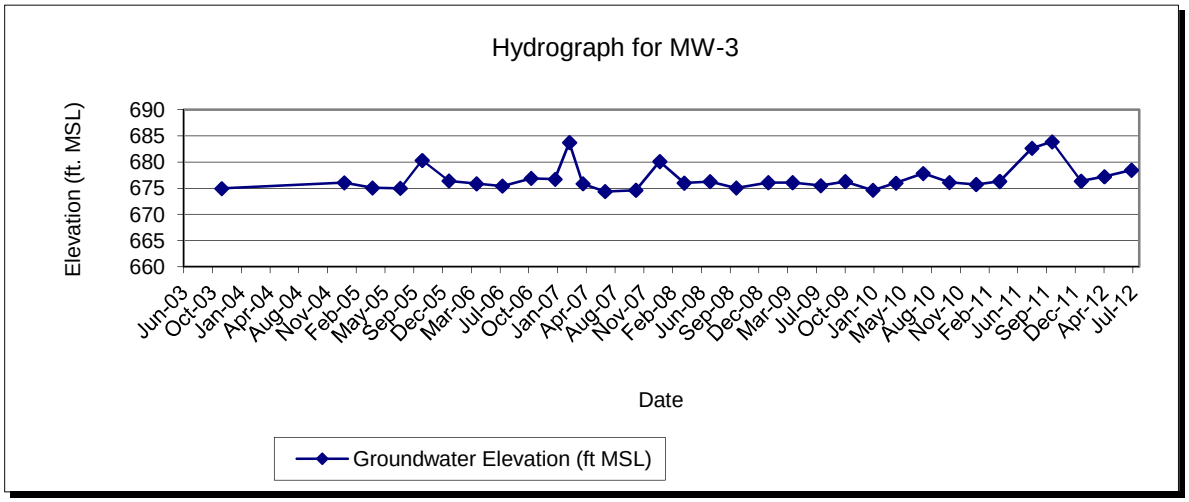


MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	12.76	674.96
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	11.65	676.07
4/14/2005	12.64	675.08
7/20/2005	12.73	674.99
10/4/2005	7.38	680.34
1/5/2006	11.31	676.41
4/11/2006	11.84	675.88
7/10/2006	12.31	675.41
10/18/2006	10.82	676.9
1/9/2007	10.99	676.73
2/28/2007	3.99	683.73
4/16/2007	11.87	675.85
7/2/2007	13.35	674.37
10/17/2007	13.1	674.62
1/8/2008	7.61	680.11
4/2/2008	11.71	676.01
7/1/2008	10.75	676.27
9/30/2008	11.95	675.07
1/19/2009	10.94	676.08
4/14/2009	10.94	676.08
7/21/2009	11.51	675.51
10/14/2009	10.75	676.27
1/18/2010	12.38	674.64
4/8/2010	11.02	676.00
7/12/2010	9.18	677.84
10/11/2010	10.9	676.12
1/12/2011	11.3	675.72
4/4/2011	10.7	676.32
7/25/2011	4.38	682.64
10/3/2011	3.14	683.88
1/12/2012	10.65	676.37
4/2/2012	9.81	677.21
7/5/2012	8.56	678.46

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.02

MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

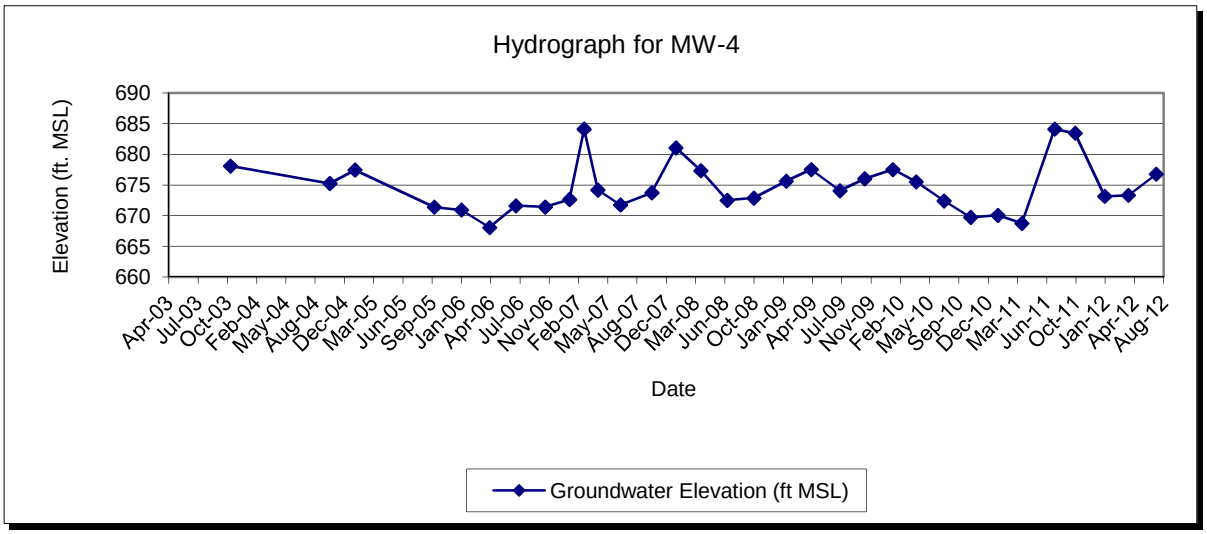


MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	8.54	678.10
4/8/2004	NM	NA
10/12/2004	11.40	675.24
1/6/2005	9.20	677.44
4/14/2005	NM	NA
7/20/2005	NM	NA
10/4/2005	15.24	671.40
1/5/2006	15.71	670.93
4/11/2006	18.56	668.08
7/10/2006	15.02	671.62
10/18/2006	15.21	671.43
1/9/2007	14.00	672.64
2/28/2007	2.54	684.10
4/16/2007	12.45	674.19
7/2/2007	14.89	671.75
10/17/2007	12.91	673.73
1/8/2008	5.59	681.05
4/2/2008	9.31	677.33
7/1/2008	13.91	672.51
9/30/2008	13.55	672.87
1/19/2009	10.78	675.64
4/14/2009	8.90	677.52
7/21/2009	12.35	674.07
10/14/2009	10.40	676.02
1/18/2010	8.90	677.52
4/8/2010	10.90	675.52
7/12/2010	14.00	672.42
10/11/2010	16.69	669.73
1/12/2011	16.35	670.07
4/4/2011	17.67	668.75
7/25/2011	2.32	684.10
10/3/2011	2.98	683.44
1/12/2012	13.26	673.16
4/2/2012	13.10	673.32
7/6/2012	9.66	676.76

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.42

MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

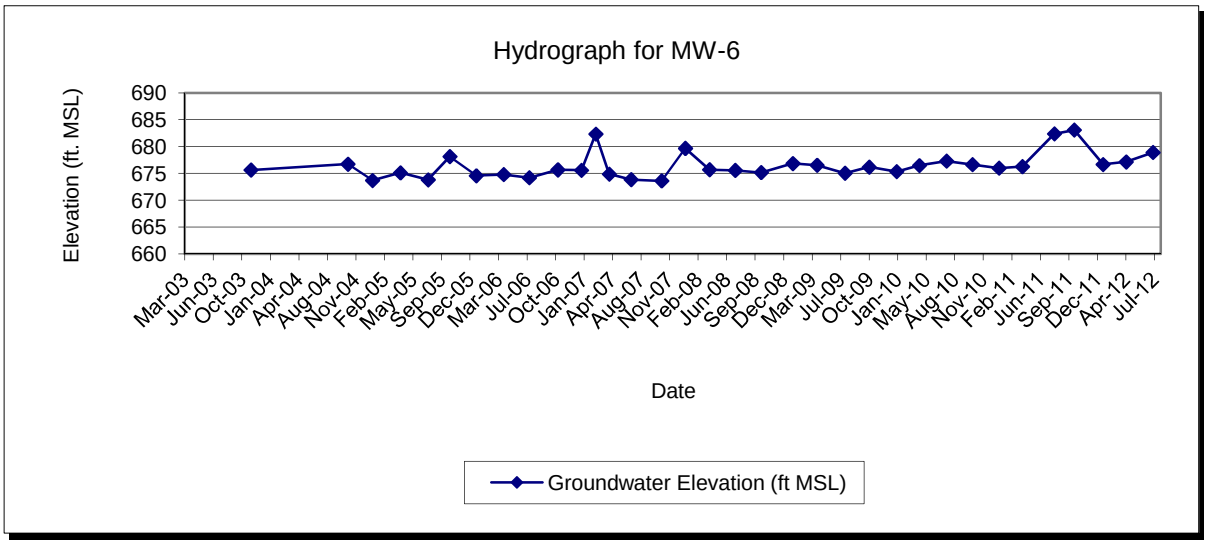


MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	11.06	675.62
4/8/2004	NM	NA
10/12/2004	9.95	676.73
1/6/2005	13.00	673.68
4/14/2005	11.57	675.11
7/20/2005	12.88	673.80
10/4/2005	8.55	678.13
1/5/2006	12.11	674.57
4/11/2006	11.91	674.77
7/10/2006	12.5	674.18
10/18/2006	11.02	675.66
1/9/2007	11.1	675.58
2/28/2007	4.35	682.33
4/16/2007	11.81	674.87
7/2/2007	12.85	673.83
10/17/2007	13.09	673.59
1/8/2008	7.02	679.66
4/2/2008	11.00	675.68
7/1/2008	10.98	675.55
9/30/2008	11.39	675.14
1/19/2009	9.68	676.85
4/14/2009	10.02	676.51
7/21/2009	11.50	675.03
10/14/2009	10.35	676.18
1/18/2010	11.20	675.33
4/8/2010	10.05	676.48
7/12/2010	9.25	677.28
10/11/2010	9.91	676.62
1/12/2011	10.56	675.97
4/4/2011	10.27	676.26
7/25/2011	4.17	682.36
10/3/2011	3.45	683.08
1/12/2012	9.86	676.67
4/2/2012	9.39	677.14
7/5/2012	7.64	678.89

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.68
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.53

MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

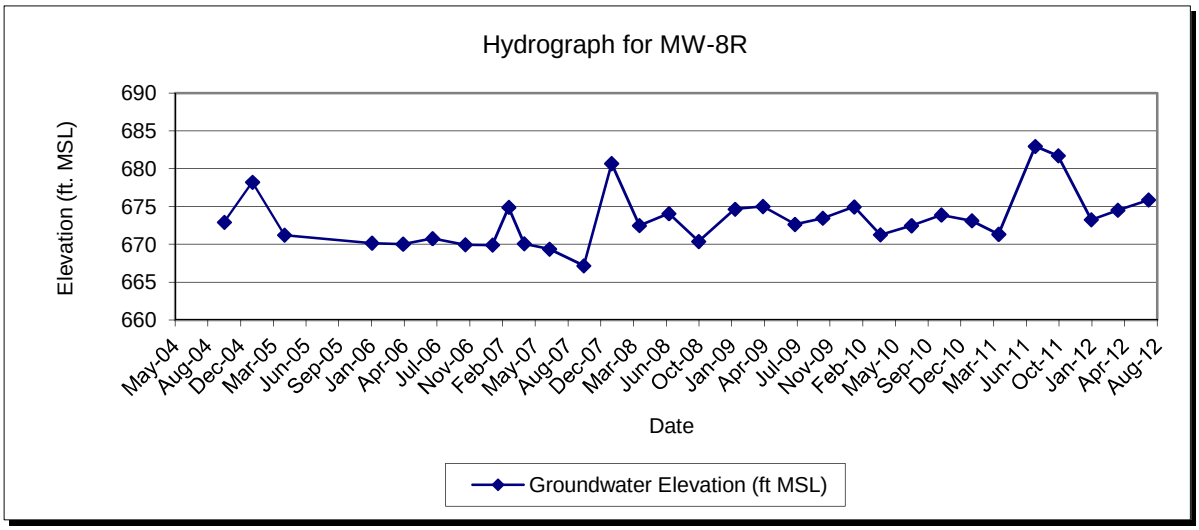


MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	12.75	672.92
1/6/2005	7.45	678.22
4/14/2005	14.45	671.22
7/20/2005	NM	NA
10/4/2005	NM	NA
1/6/2006	15.51	670.16
4/11/2006	15.65	670.02
7/10/2006	14.9	670.77
10/18/2006	15.72	669.95
1/9/2007	15.76	669.91
2/28/2007	10.78	674.89
4/16/2007	15.60	670.07
7/2/2007	16.29	669.38
10/15/2007	18.50	667.17
1/8/2008	4.99	680.68
4/2/2008	13.19	672.48
7/1/2008	12.15	674.06
9/30/2008	15.83	670.38
1/19/2009	11.55	674.66
4/14/2009	11.20	675.01
7/21/2009	13.57	672.64
10/14/2009	12.76	673.45
1/18/2010	11.26	674.95
4/8/2010	14.95	671.26
7/12/2010	13.74	672.47
10/11/2010	12.34	673.87
1/12/2011	13.10	673.11
4/4/2011	14.88	671.33
7/25/2011	3.25	682.96
10/3/2011	4.50	681.71
1/12/2012	12.96	673.25
4/2/2012	11.70	674.51
7/5/2012	10.34	675.87

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.67
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.21

MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

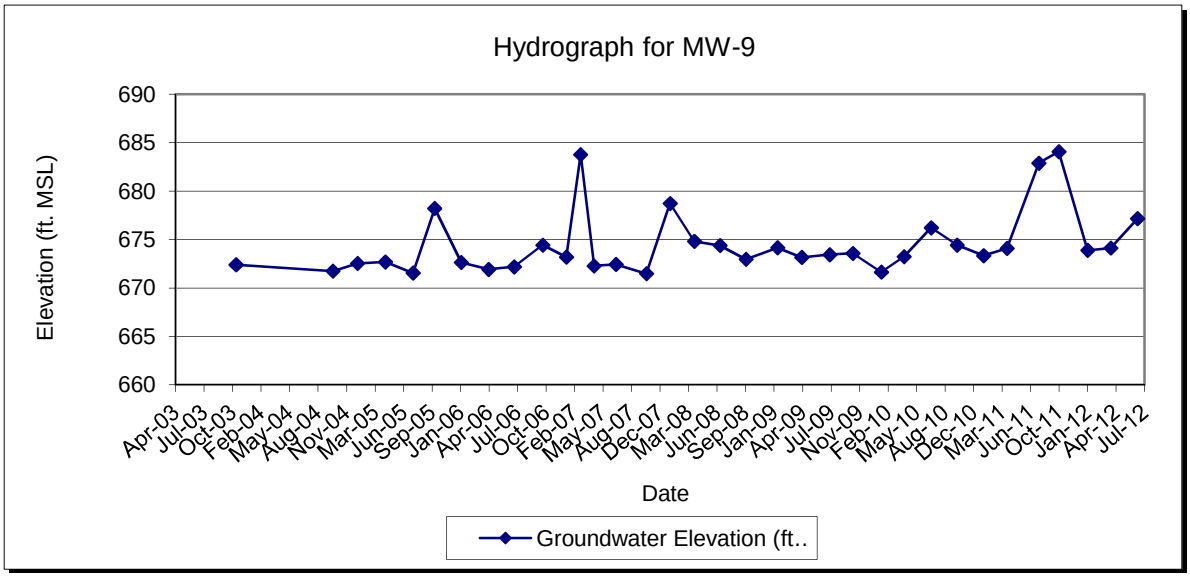


MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.88	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.50	671.93
7/10/2006	13.24	672.19
10/18/2006	11.00	674.43
1/9/2007	12.24	673.19
2/28/2007	1.66	683.77
4/16/2007	13.15	672.28
7/2/2007	13.00	672.43
10/17/2007	13.95	671.48
1/8/2008	6.70	678.73
4/2/2008	10.61	674.82
7/1/2008	14.25	674.39
9/30/2008	15.67	672.97
1/19/2009	14.48	674.16
4/14/2009	15.48	673.16
7/21/2009	15.20	673.44
10/10/2009	15.06	673.58
1/18/2010	17.00	671.64
4/8/2010	15.40	673.24
7/12/2010	12.42	676.22
10/11/2010	14.21	674.43
1/12/2011	15.29	673.35
4/4/2011	14.55	674.09
7/25/2011	5.75	682.89
10/3/2011	4.58	684.06
1/12/2012	14.75	673.89
4/2/2012	14.52	674.12
7/5/2012	11.48	677.16

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 688.64

MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

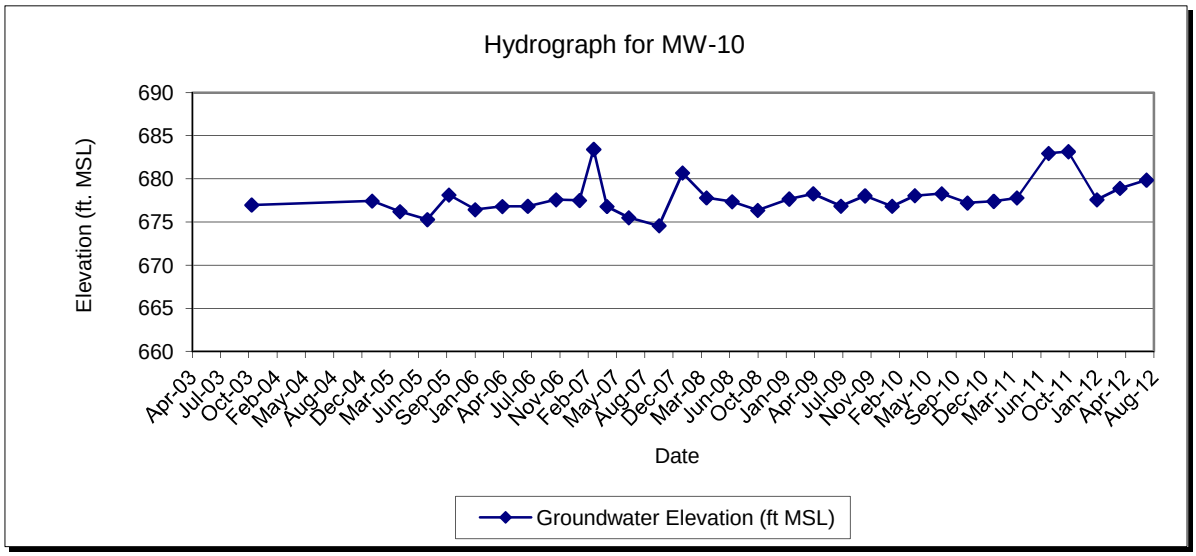


MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	10.75	676.97
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	10.28	677.44
4/14/2005	11.50	676.22
7/20/2005	12.43	675.29
10/4/2005	9.58	678.14
1/5/2006	11.28	676.44
4/11/2006	10.91	676.81
7/10/2006	10.90	676.82
10/18/2006	10.13	677.59
1/9/2007	10.21	677.51
2/28/2007	4.30	683.42
4/16/2007	10.93	676.79
7/2/2007	12.21	675.51
10/17/2007	13.15	674.57
1/8/2008	7.03	680.69
4/2/2008	9.91	677.81
7/1/2008	10.04	677.37
9/30/2008	11.05	676.36
1/19/2009	9.74	677.67
4/14/2009	9.14	678.27
7/21/2009	10.56	676.85
10/14/2009	9.37	678.04
1/18/2010	10.59	676.82
4/8/2010	9.35	678.06
7/12/2010	9.12	678.29
10/11/2010	10.20	677.21
1/12/2011	10.00	677.41
4/4/2011	9.61	677.80
7/25/2011	4.45	682.96
10/3/2011	4.25	683.16
1/12/2012	9.82	677.59
4/2/2012	8.51	678.90
7/5/2012	7.55	679.86

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.41

MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

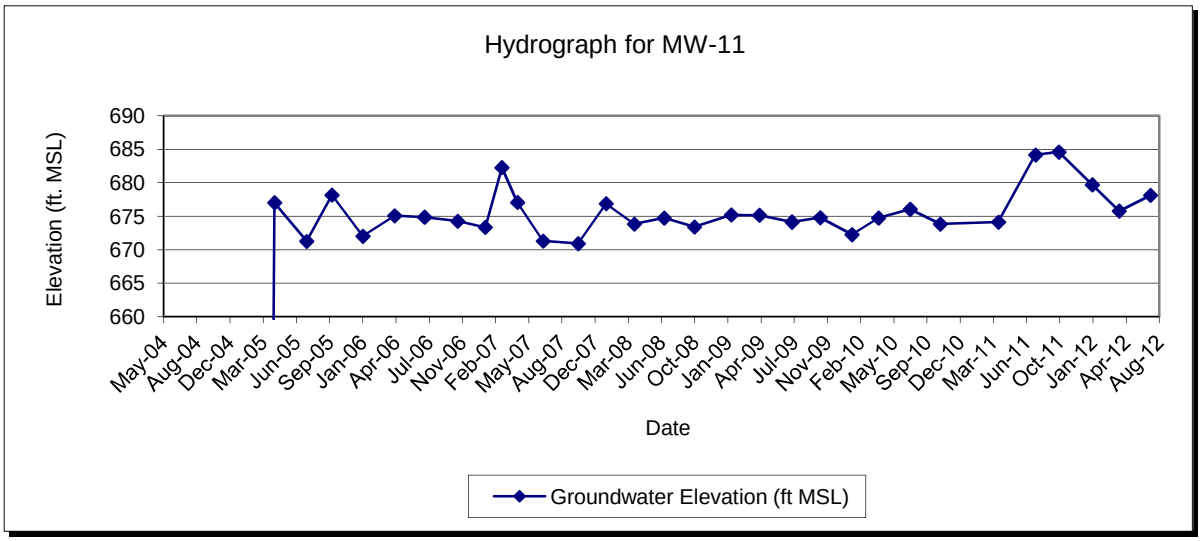


MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	FALSE
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.8
1/18/2010	16.38	672.27
4/8/2010	13.90	674.75
7/12/2010	12.60	676.05
10/11/2010	14.80	673.85
1/12/2011	NA	NA
4/4/2011	14.52	674.13
7/25/2011	4.48	684.17
10/3/2011	4.05	684.60
1/12/2012	8.96	679.69
4/2/2012	12.87	675.78
7/5/2012	10.53	678.12

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 688.61
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 688.65

MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

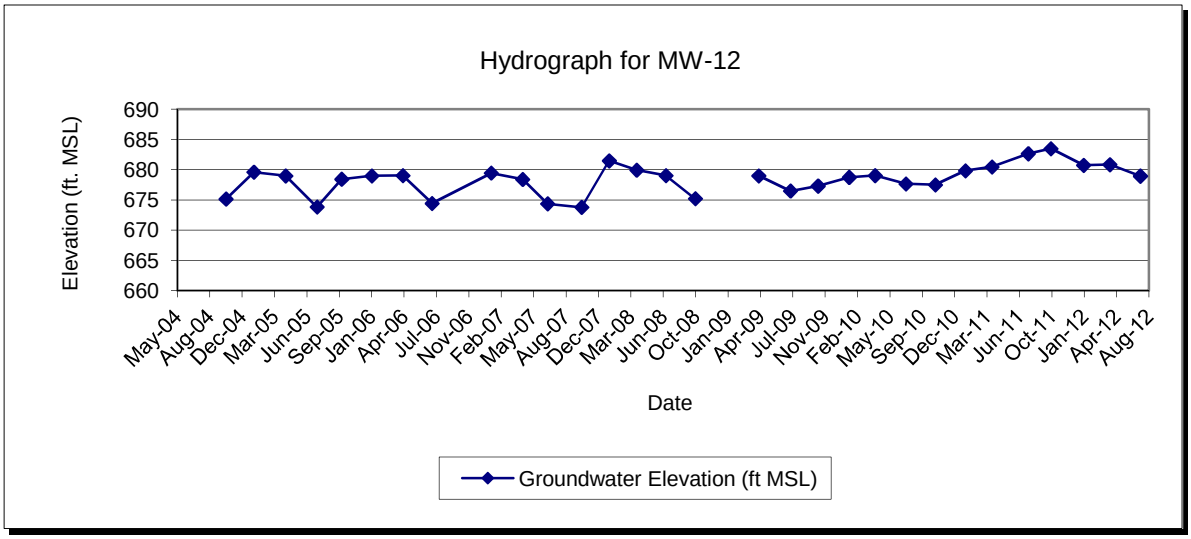


MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	
10/12/2004	10.64	675.15
1/6/2005	6.18	679.61
4/14/2005	6.80	678.99
7/20/2005	11.95	673.84
10/4/2005	7.36	678.43
1/5/2006	6.80	678.99
4/11/2006	6.76	679.03
7/10/2006	11.35	674.44
10/18/2006	NM*	NA
1/9/2007	6.35	679.44
2/28/2007	NM*	NA
4/16/2007	7.38	678.41
7/2/2007	11.42	674.37
10/15/2007	12.00	673.79
1/8/2008	4.31	681.48
4/2/2008	5.86	679.93
7/1/2008	7.10	679.04
9/30/2008	10.92	675.22
1/19/2009	NM*	
4/14/2009	7.14	679
7/21/2009	9.66	676.48
10/14/2009	8.83	677.31
1/18/2010	7.40	678.74
4/8/2010	7.10	679.04
7/12/2010	8.48	677.66
10/11/2010	8.64	677.51
1/12/2011	6.32	679.83
4/4/2011	5.69	680.46
7/25/2011	3.5	682.65
10/3/2011	2.67	683.48
1/12/2012	5.41	680.74
4/2/2012	5.30	680.85
7/5/2012	7.20	678.95

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.79
NM* - Well could not be located due to snow cover
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.14

MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

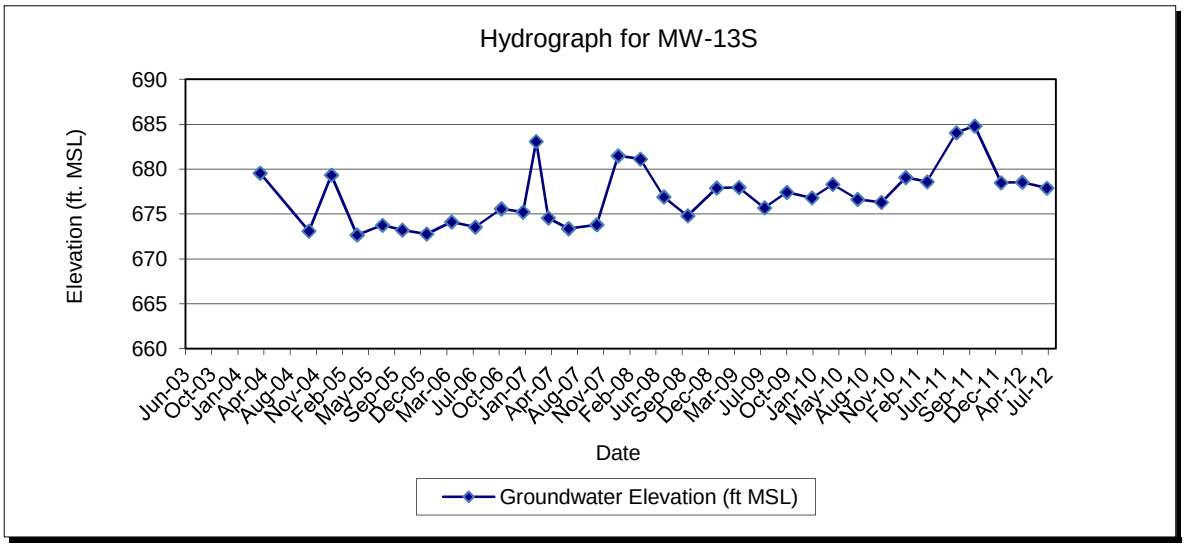


MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	7.01	679.56
10/12/2004	13.47	673.10
1/6/2005	7.24	679.33
4/14/2005	13.91	672.66
7/20/2005	12.81	673.76
10/4/2005	13.35	673.22
1/5/2006	13.79	672.78
4/11/2006	12.45	674.12
7/10/2006	13.02	673.55
10/18/2006	10.99	675.58
1/9/2007	11.35	675.22
2/28/2007	3.49	683.08
4/16/2007	12.01	674.56
7/2/2007	13.20	673.37
10/18/2007	12.77	673.80
1/8/2008	5.08	681.49
4/2/2008	5.45	681.12
7/1/2008	9.70	676.90
9/30/2008	11.80	674.80
1/19/2009	8.70	677.90
4/14/2009	8.64	677.96
7/21/2009	10.91	675.69
10/14/2009	9.18	677.42
1/18/2010	9.80	676.80
4/8/2010	8.30	678.30
7/12/2010	9.96	676.64
10/11/2010	10.29	676.31
1/12/2011	7.53	679.07
4/4/2011	8.00	678.60
7/25/2011	2.55	684.05
10/3/2011	1.81	684.79
1/12/2012	8.11	678.49
4/2/2012	8.06	678.54
7/5/2012	8.71	677.89

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.57
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.60

MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

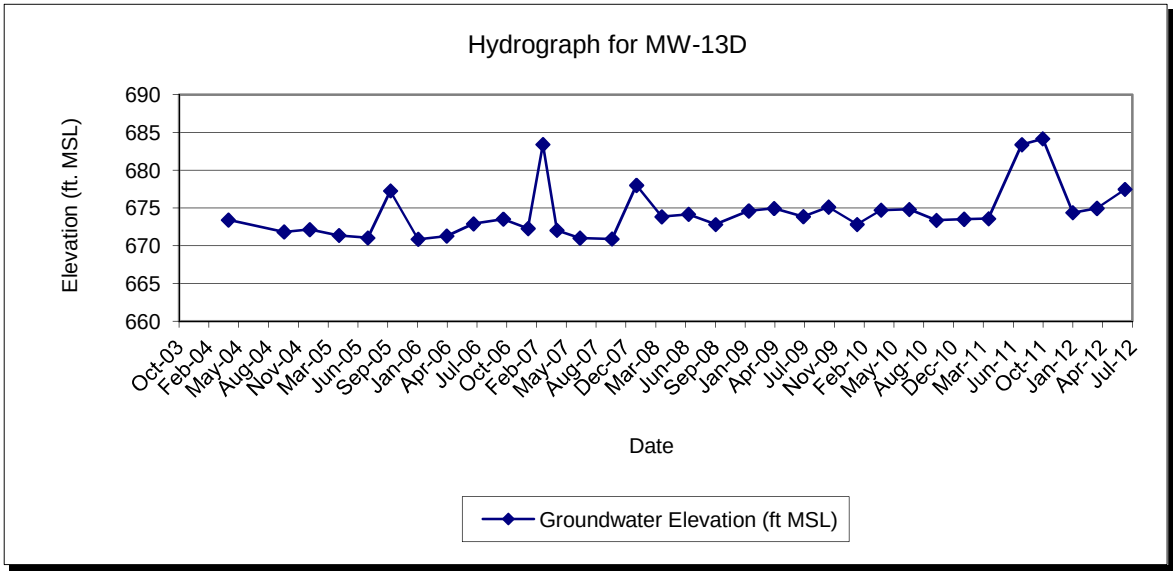


MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30
7/10/2006	13.79	672.92
10/18/2006	13.17	673.54
1/9/2007	14.41	672.30
2/28/2007	3.28	683.43
4/16/2007	14.66	672.05
7/2/2007	15.68	671.03
10/18/2007	15.80	670.91
1/8/2008	8.69	678.02
4/2/2008	12.86	673.85
7/1/2008	12.55	674.18
9/30/2008	13.89	672.84
1/19/2009	12.10	674.63
4/14/2009	11.78	674.95
7/21/2009	12.86	673.87
10/14/2009	11.59	675.14
1/18/2010	13.88	672.85
4/8/2010	12.00	674.73
7/12/2010	11.90	674.83
10/11/2010	13.34	673.39
1/12/2011	13.2	673.53
4/4/2011	13.13	673.60
7/25/2011	3.33	683.40
10/3/2011	2.55	684.18
1/12/2012	12.34	674.39
4/2/2012	11.76	674.97
7/5/2012	9.25	677.48

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.71
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.73

MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

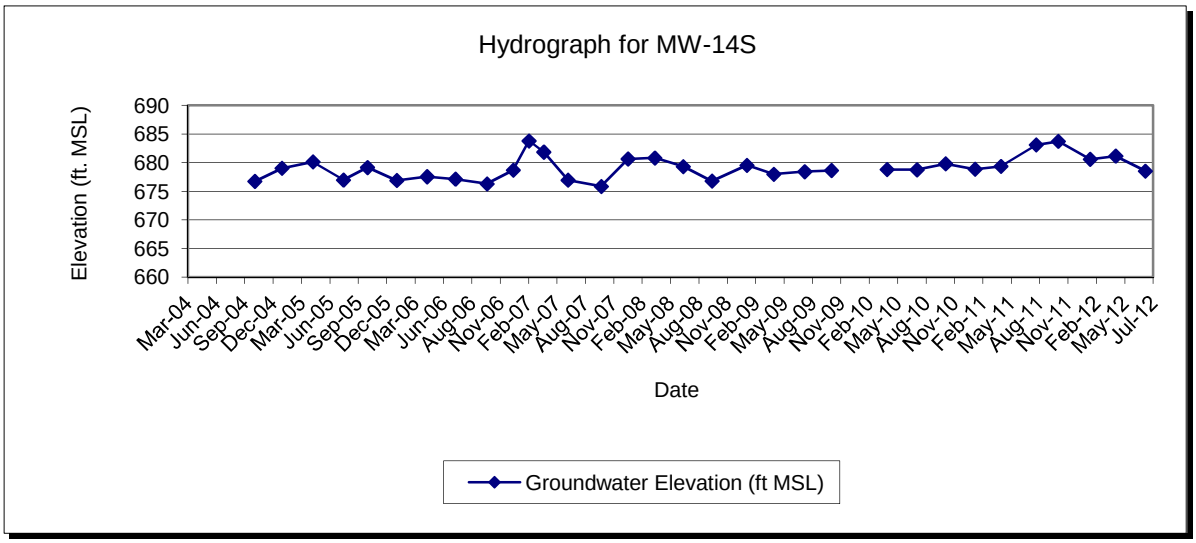


MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.14	680.17
10/12/2004	8.57	676.74
1/6/2005	6.27	679.04
4/14/2005	5.16	680.15
7/20/2005	8.32	676.99
10/4/2005	6.14	679.17
1/5/2006	8.41	676.90
4/11/2006	7.75	677.56
7/10/2006	8.18	677.13
10/18/2006	9.00	676.31
1/9/2007	6.61	678.70
2/28/2007	1.50	683.81
4/16/2007	3.45	681.86
7/2/2007	8.36	676.95
10/15/2007	9.45	675.86
1/8/2008	4.65	680.66
4/2/2008	4.47	680.84
7/1/2008	6.37	679.33
9/30/2008	8.90	676.80
1/19/2009	6.15	679.55
4/14/2009	7.70	678.00
7/21/2009	7.25	678.45
10/14/2009	7.05	678.65
1/18/2010	NM	
4/8/2010	6.50	678.81
7/12/2010	6.54	678.77
10/11/2010	5.90	679.80
1/12/2011	6.83	678.87
4/4/2011	6.34	679.36
7/25/2011	2.59	683.11
10/3/2011	1.98	683.72
1/12/2012	5.10	680.60
4/2/2012	4.55	681.15
7/5/2012	7.15	678.55

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.31
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 685.70

MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

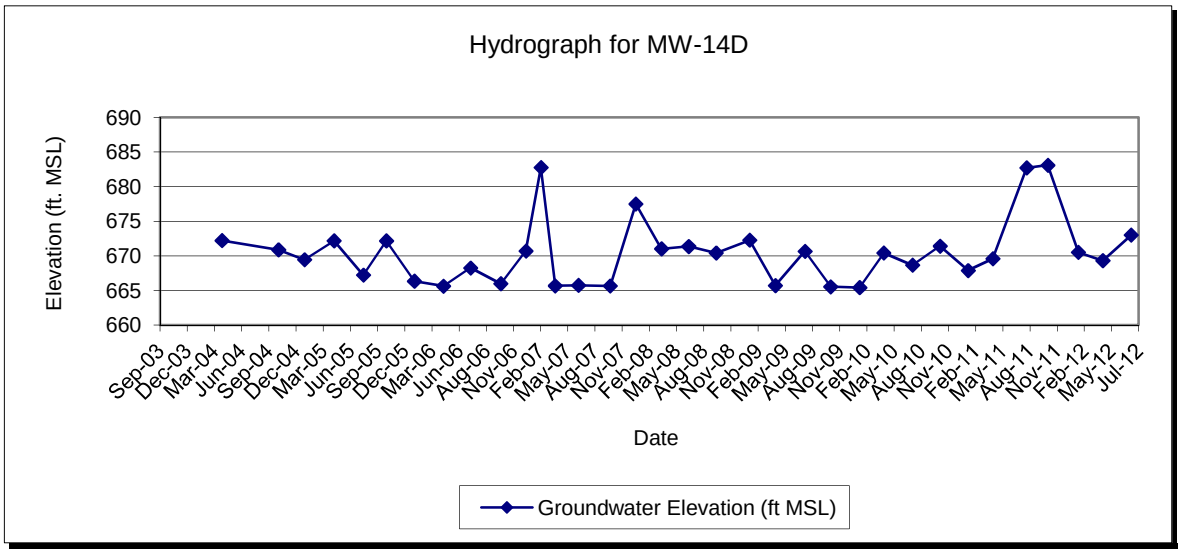


MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59
7/25/2011	3.10	682.72
10/3/2011	2.72	683.10
1/12/2012	15.30	670.52
4/2/2012	16.50	669.32
7/5/2012	12.81	673.01

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 685.82

MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

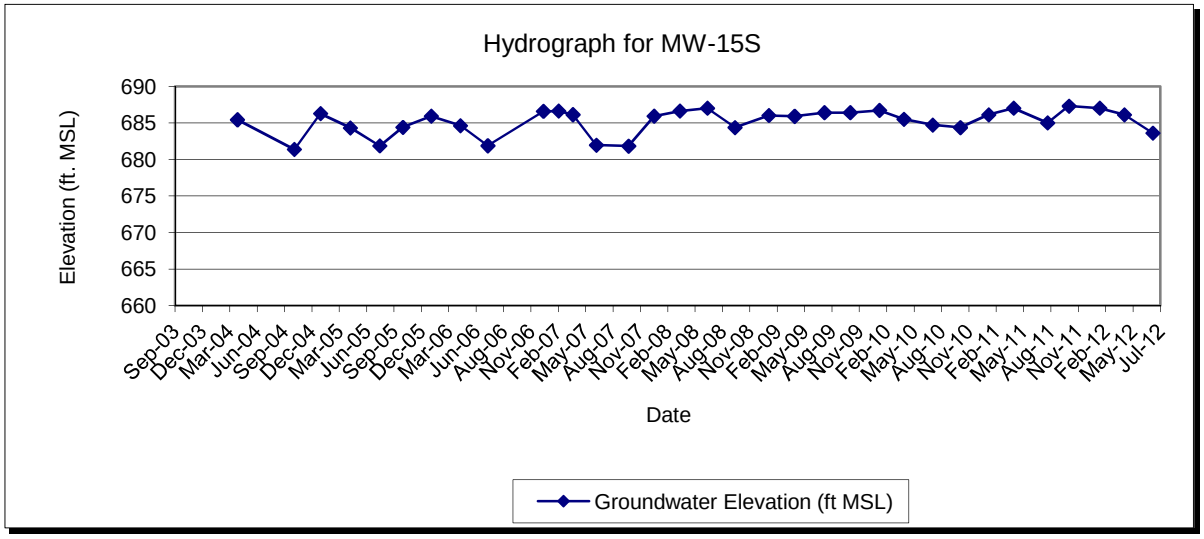


MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	685.44
10/12/2004	5.26	681.38
1/6/2005	0.35	686.29
4/14/2005	2.31	684.33
7/20/2005	4.78	681.86
10/4/2005	2.22	684.42
1/5/2006	0.70	685.94
4/11/2006	2.00	684.64
7/10/2006	4.75	681.89
1/9/2007	0.05	686.59
2/28/2007	0.00	686.64
4/16/2007	0.50	686.14
7/2/2007	4.67	681.97
10/16/2007	4.80	681.84
1/8/2008	0.70	685.94
4/2/2008	0.00	686.64
7/1/2008	0.50	687.02
9/30/2008	3.14	684.38
1/19/2009	1.50	686.02
4/14/2009	1.60	685.92
7/21/2009	1.11	686.41
10/14/2009	1.11	686.41
1/18/2010	0.80	686.72
4/8/2010	2.00	685.52
7/12/2010	2.80	684.72
10/11/2010	3.14	684.38
1/12/2011	1.40	686.12
4/4/2011	0.50	687.02
7/25/2011	2.51	685.01
10/3/2011	0.20	687.32
1/12/2012	0.50	687.02
4/2/2012	1.40	686.12
7/5/2012	3.90	683.62

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.52'

MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

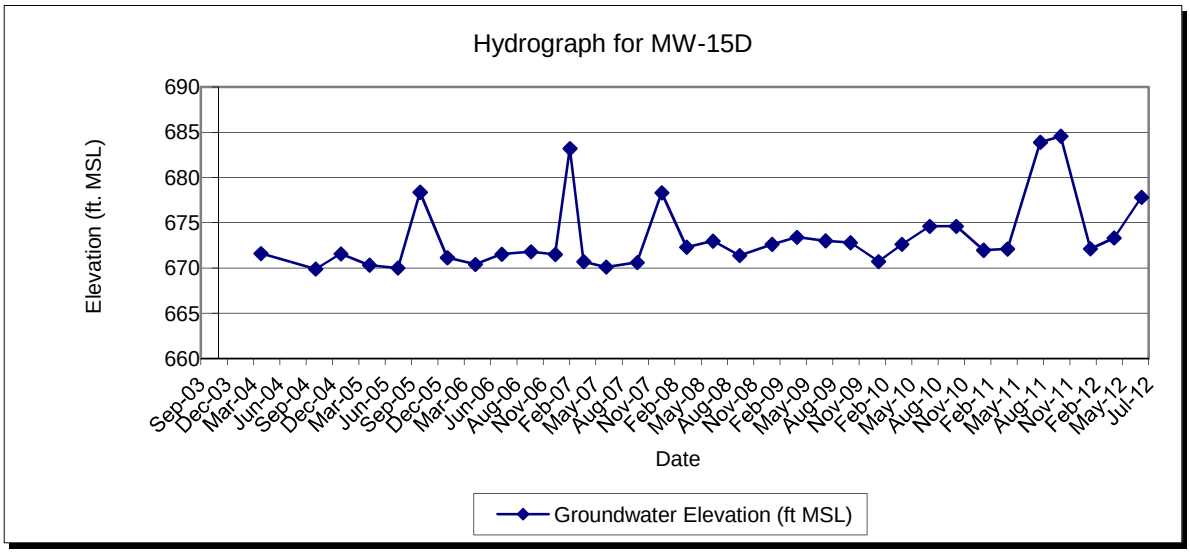


MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	15.70	671.61
10/12/2004	17.42	669.89
1/6/2005	15.74	671.57
4/14/2005	16.99	670.32
7/20/2005	17.31	670.00
10/4/2005	8.94	678.37
1/5/2006	16.16	671.15
4/11/2006	16.90	670.41
7/10/2006	15.78	671.53
10/18/2006	15.50	671.81
1/9/2007	15.80	671.51
2/28/2007	4.10	683.21
4/16/2007	16.61	670.70
7/2/2007	17.20	670.11
10/16/2007	16.70	670.61
1/8/2008	8.99	678.32
4/2/2008	15.01	672.30
7/1/2008	14.64	672.98
9/30/2008	16.24	671.38
1/19/2009	15.00	672.62
4/14/2009	14.21	673.41
7/21/2009	14.61	673.01
10/14/2009	14.81	672.81
1/18/2010	16.89	670.73
4/8/2010	15.00	672.62
7/12/2010	13.00	674.62
10/11/2010	13.00	674.62
1/12/2011	15.65	671.97
4/4/2011	15.51	672.11
7/25/2011	3.73	683.89
10/3/2011	3.05	684.57
1/12/2012	15.50	672.12
4/2/2012	14.30	673.32
7/5/2012	9.81	677.81

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.31'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.62'

MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

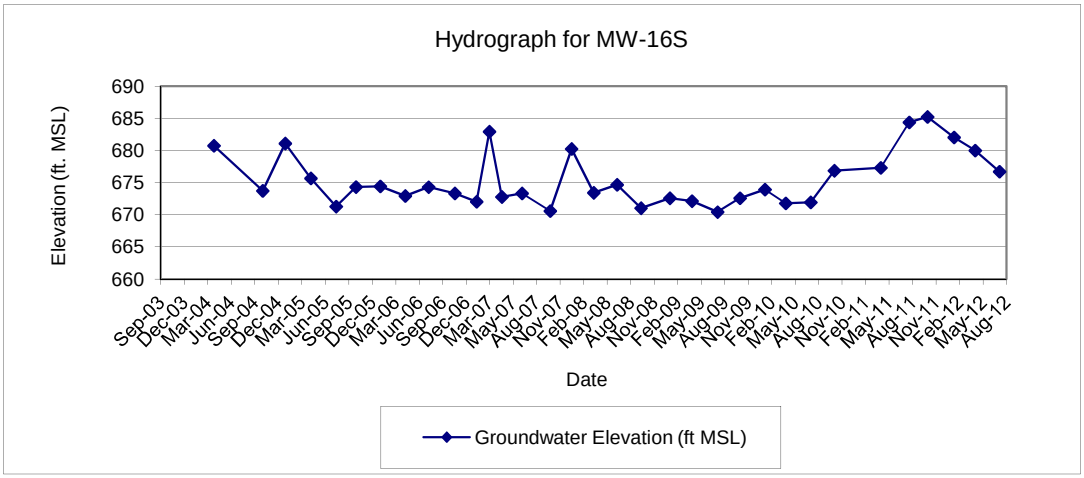


MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.09	680.75
10/12/2004	12.09	673.75
1/6/2005	4.75	681.09
4/14/2005	10.15	675.69
7/20/2005	14.56	671.28
10/4/2005	11.50	674.34
1/5/2006	11.41	674.43
4/11/2006	12.90	672.94
7/10/2006	11.54	674.30
10/18/2006	12.50	673.34
1/9/2007	13.82	672.02
2/28/2007	2.90	682.94
4/16/2007	13.07	672.77
7/2/2007	12.50	673.34
10/18/2007	15.23	670.61
1/8/2008	5.60	680.24
4/2/2008	12.40	673.44
7/1/2008	15.70	674.67
9/30/2008	19.34	671.03
1/19/2009	17.80	672.57
4/14/2009	18.22	672.15
7/21/2009	19.95	670.42
10/14/2009	17.77	672.60
1/18/2010	16.45	673.92
4/8/2010	18.60	671.77
7/12/2010	18.45	671.92
10/11/2010	13.51	676.86
1/12/2011	NA	NA
4/7/2011	8.55	677.29
7/25/2011	1.45	684.39
10/3/2011	0.60	685.24
1/12/2012	3.80	682.04
4/2/2012	5.85	679.99
7/5/2012	9.12	676.72

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.84'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 690.37'
TOC Elevation as of 4/7/2011 - 685.84'

MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

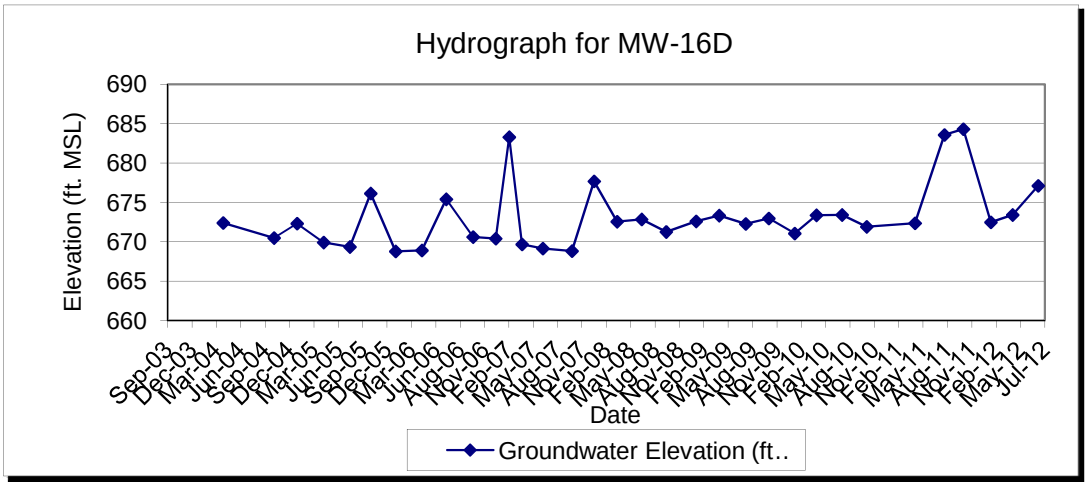


MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.62	672.39
10/12/2004	15.51	670.50
1/6/2005	13.70	672.31
4/14/2005	16.09	669.92
7/20/2005	16.65	669.36
10/4/2005	9.89	676.12
1/5/2006	17.21	668.80
4/11/2006	17.1	668.91
7/10/2006	10.61	675.4
10/18/2006	15.41	670.6
1/9/2007	15.6	670.41
2/28/2007	2.74	683.27
4/16/2007	16.35	669.66
7/2/2007	16.85	669.16
10/18/2007	17.17	668.84
1/8/2008	8.32	677.69
4/2/2008	13.44	672.57
7/1/2008	17.72	672.83
9/30/2008	19.29	671.26
1/19/2009	17.95	672.60
4/14/2009	17.21	673.34
7/21/2009	18.28	672.27
10/14/2009	17.60	672.95
1/18/2010	19.51	671.04
4/8/2010	17.19	673.36
7/12/2010	17.15	673.40
10/11/2010	18.63	671.92
1/12/2011	NA	NA
4/7/2011	13.67	672.34
7/25/2011	2.46	683.55
10/3/2011	1.70	684.31
1/12/2012	13.55	672.46
4/2/2012	12.61	673.40
7/5/2012	8.90	677.11

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 690.55'
TOC Elevation as of 4/7/2011 - 686.01'

MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York



APPENDIX C

Analytical Laboratory Data
(Full data reports contained on attached CD ROM)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

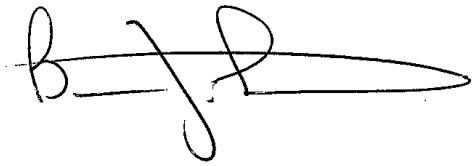
Job Number: 480-22187-1

Job Description: Scott Aviation site

Sampling Event: Groundwater analysis

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, NY 14226

Attention: Mr. Dino Zack



Approved for release.
Brian Fischer
Project Manager II
7/17/2012 2:56 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
07/17/2012

cc: Ms. Helen Jones

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

Table of Contents

Table of Contents

Job Narrative
480-22187-1

Comments
No additional comments.

Receipt
The samples were received on 7/5/2012 6:00 PM and 7/6/2012 4:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.9º C and 3.9º C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: Duplicate (480-22257-1), MW-16S (480-22257-2), MW-4 (480-22257-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 71650: Acrolein. These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973G Analysis Batch Number: 71552

Lab Sample ID: IC 480-71552/3 Client Sample ID:

Date Analyzed: 07/09/12 12:11 Lab File ID: G12860.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.03	Split Peak	larsonr	07/09/12 18:21
Methylene Chloride	3.44	Split Peak	larsonr	07/09/12 18:19

Lab Sample ID: IC 480-71552/4 Client Sample ID:

Date Analyzed: 07/09/12 12:34 Lab File ID: G12861.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.06	Split Peak	larsonr	07/09/12 18:21
1,1,2-Trichloro-1,2,2-trifluoroethane	2.90	Split Peak	larsonr	07/09/12 18:24

Lab Sample ID: IC 480-71552/5 Client Sample ID:

Date Analyzed: 07/09/12 12:56 Lab File ID: G12862.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.08	Split Peak	larsonr	07/09/12 18:28
Iodomethane	3.08	Split Peak	larsonr	07/09/12 18:28

Lab Sample ID: ICIS 480-71552/6 Client Sample ID:

Date Analyzed: 07/09/12 13:19 Lab File ID: G12863.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.07	Split Peak	larsonr	07/09/12 18:30
1,1-Dichloroethane	4.03	Split Peak	larsonr	07/09/12 18:33

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973G Analysis Batch Number: 71552

Lab Sample ID: IC 480-71552/7 Client Sample ID:

Date Analyzed: 07/09/12 13:41 Lab File ID: G12864.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.08	Split Peak	larsonr	07/09/12 18:31
1,1-Dichloroethane	4.03	Split Peak	larsonr	07/09/12 18:35

Lab Sample ID: IC 480-71552/8 Client Sample ID:

Date Analyzed: 07/09/12 14:04 Lab File ID: G12865.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.08	Split Peak	larsonr	07/09/12 18:37

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973G Analysis Batch Number: 71947

Lab Sample ID: CCVIS 480-71947/2 Client Sample ID:

Date Analyzed: 07/11/12 12:53 Lab File ID: G12944.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.08	Split Peak	HillL	07/11/12 13:22

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973Q Analysis Batch Number: 67116

Lab Sample ID: IC 480-67116/3 Client Sample ID:

Date Analyzed: 06/05/12 12:35 Lab File ID: Q0928.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.87	Baseline	BrandtT	06/05/12 14:03

Lab Sample ID: IC 480-67116/4 Client Sample ID:

Date Analyzed: 06/05/12 13:04 Lab File ID: Q0929.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.87	Baseline	BrandtT	06/05/12 14:03

Lab Sample ID: IC 480-67116/5 Client Sample ID:

Date Analyzed: 06/05/12 13:31 Lab File ID: Q0930.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.87	Baseline	BrandtT	06/05/12 14:02

Lab Sample ID: IC 480-67116/7 Client Sample ID:

Date Analyzed: 06/05/12 14:28 Lab File ID: Q0932.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.87	Baseline	BrandtT	06/05/12 14:46

Lab Sample ID: IC 480-67116/8 Client Sample ID:

Date Analyzed: 06/05/12 14:56 Lab File ID: Q0933.D GC Column: ZB-624 (60) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.87	Baseline	BrandtT	06/05/12 15:14

SAMPLE SUMMARY

Client: AECOM, Inc. Job Number: 480-22187-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-22187-1	MW-10	Ground Water	07/05/2012 1555	07/05/2012 1800
480-22187-2	MW-11	Ground Water	07/05/2012 1230	07/05/2012 1800
480-22187-3	MW-12	Ground Water	07/05/2012 1410	07/05/2012 1800
480-22187-4	MW-2	Ground Water	07/05/2012 1130	07/05/2012 1800
480-22187-5	MW-3	Ground Water	07/05/2012 1325	07/05/2012 1800
480-22187-6	MW-6	Ground Water	07/05/2012 1500	07/05/2012 1800
480-22187-7TB	Trip Blank	Water	07/05/2012 0000	07/05/2012 1800
480-22257-1FD	Duplicate	Water	07/06/2012 0800	07/06/2012 1605
480-22257-2	MW-16S	Ground Water	07/06/2012 1005	07/06/2012 1605
480-22257-3	MW-4	Ground Water	07/06/2012 0850	07/06/2012 1605
480-22257-4RB	Rinse	Water	07/06/2012 0915	07/06/2012 1605

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc. Job Number: 480-22187-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-22187-2	**MW-11**					
1,1,1-Trichloroethane		1.9		1.0	ug/L	8260B
1,1-Dichloroethane		12		1.0	ug/L	8260B
1,1-Dichloroethene		1.8		1.0	ug/L	8260B
Chloroethane		15		1.0	ug/L	8260B
cis-1,2-Dichloroethene		38		1.0	ug/L	8260B
Vinyl chloride		19		1.0	ug/L	8260B
480-22187-3	**MW-12**					
Benzene		1.2		1.0	ug/L	8260B
Chloroethane		24		1.0	ug/L	8260B
Vinyl chloride		7.2		1.0	ug/L	8260B
480-22187-4	**MW-2**					
Chloroethane		6.3		1.0	ug/L	8260B
480-22187-5	**MW-3**					
1,1-Dichloroethane		4.9		1.0	ug/L	8260B
Chloroethane		5.6		1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.7		1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
480-22257-1FD	**DUPLICATE**					
1,1-Dichloroethane		1100		1000	ug/L	8260B
cis-1,2-Dichloroethene		80000		1000	ug/L	8260B
Trichloroethene		15000		1000	ug/L	8260B
Vinyl chloride		5500		1000	ug/L	8260B
480-22257-2	**MW-16S**					
1,1,1-Trichloroethane		2400		2000	ug/L	8260B
1,1-Dichloroethane		1200	J	2000	ug/L	8260B
cis-1,2-Dichloroethene		72000		2000	ug/L	8260B
Trichloroethene		170000		2000	ug/L	8260B
Vinyl chloride		3900		2000	ug/L	8260B
480-22257-3	**MW-4**					
1,1-Dichloroethane		990	J	1000	ug/L	8260B
cis-1,2-Dichloroethene		78000		1000	ug/L	8260B
Trichloroethene		15000		1000	ug/L	8260B
Vinyl chloride		6200		1000	ug/L	8260B

METHOD SUMMARY

Client: AECOM, Inc. Job Number: 480-22187-1

Description	Lab Location	Method	Preparation Method
Matrix Ground Water			
Volatile Organic Compounds (GC/MS)	TAL BUF	SW846 8260B	
Purge and Trap	TAL BUF		SW846 5030B
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL BUF	SW846 8260B	
Purge and Trap	TAL BUF		SW846 5030B

Lab References:

TAL BUF = TestAmerica Buffalo

Method References:

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

METHOD / ANALYST SUMMARY

Client: AECOM, Inc. Job Number: 480-22187-1

Method	Analyst	Analyst ID
SW846 8260B	Cwiklinski, Charles D	CDC
SW846 8260B	Hill, Leah	LH
SW846 8260B	Larson, Renee	RL

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-10**

Lab Sample ID: 480-22187-1 Date Sampled: 07/05/2012 1555
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1703.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1623			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1623				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-10**

Lab Sample ID: 480-22187-1 Date Sampled: 07/05/2012 1555
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1703.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1623			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1623				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		66 - 137
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	94		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-11**

Lab Sample ID: 480-22187-2 Date Sampled: 07/05/2012 1230
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1704.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1651			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1651				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.9		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	12		0.38	1.0
1,1-Dichloroethene	1.8		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	15		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	38		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-11**

Lab Sample ID: 480-22187-2 Date Sampled: 07/05/2012 1230
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1704.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1651			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1651				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	19		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		66 - 137
4-Bromofluorobenzene (Surr)	81		73 - 120
Toluene-d8 (Surr)	91		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-12**

Lab Sample ID: 480-22187-3 Date Sampled: 07/05/2012 1410
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1705.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1719			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1719				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	1.2		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	24		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-12**

Lab Sample ID: 480-22187-3 Date Sampled: 07/05/2012 1410
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1705.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1719			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1719				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	7.2		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	94		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-2**

Lab Sample ID: 480-22187-4 Date Sampled: 07/05/2012 1130
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1706.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1747			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1747				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	6.3		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-2**

Lab Sample ID: 480-22187-4 Date Sampled: 07/05/2012 1130
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1706.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1747			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1747				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	95		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-3**

Lab Sample ID: 480-22187-5 Date Sampled: 07/05/2012 1325
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1707.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1815			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1815				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	4.9		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	5.6		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	2.7		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-3**

Lab Sample ID: 480-22187-5 Date Sampled: 07/05/2012 1325
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1707.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1815			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1815				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	12		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	88		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-6**

Lab Sample ID: 480-22187-6 Date Sampled: 07/05/2012 1500
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1708.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1843			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1843				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-6**

Lab Sample ID: 480-22187-6 Date Sampled: 07/05/2012 1500
Client Matrix: Ground Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1708.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1843			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1843				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	88		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 480-22187-7TB Date Sampled: 07/05/2012 0000
Client Matrix: Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1709.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1911			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1911				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 480-22187-7TB Date Sampled: 07/05/2012 0000
Client Matrix: Water Date Received: 07/05/2012 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q1709.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1911			Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1911				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	89		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **Duplicate**

Lab Sample ID: 480-22257-1FD Date Sampled: 07/06/2012 0800
Client Matrix: Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G12949.D
Dilution:	1000			Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1536			Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1536				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		820	1000
1,1,2,2-Tetrachloroethane	ND		210	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		310	1000
1,1,2-Trichloroethane	ND		230	1000
1,1-Dichloroethane	1100		380	1000
1,1-Dichloroethene	ND		290	1000
1,2,4-Trichlorobenzene	ND		410	1000
1,2-Dibromo-3-Chloropropane	ND		390	1000
1,2-Dibromoethane	ND		730	1000
1,2-Dichlorobenzene	ND		790	1000
1,2-Dichloroethane	ND		210	1000
1,2-Dichloropropane	ND		720	1000
1,3-Dichlorobenzene	ND		780	1000
1,4-Dichlorobenzene	ND		840	1000
2-Butanone (MEK)	ND		1300	10000
2-Hexanone	ND		1200	5000
4-Methyl-2-pentanone (MIBK)	ND		2100	5000
Acetone	ND		3000	10000
Benzene	ND		410	1000
Bromodichloromethane	ND		390	1000
Bromoform	ND		260	1000
Bromomethane	ND		690	1000
Carbon disulfide	ND		190	1000
Carbon tetrachloride	ND		270	1000
Chlorobenzene	ND		750	1000
Chloroethane	ND		320	1000
Chloroform	ND		340	1000
Chloromethane	ND		350	1000
cis-1,2-Dichloroethene	80000		810	1000
cis-1,3-Dichloropropene	ND		360	1000
Cyclohexane	ND		180	1000
Dibromochloromethane	ND		320	1000
Dichlorodifluoromethane	ND		680	1000
Ethylbenzene	ND		740	1000
Isopropylbenzene	ND		790	1000
Methyl acetate	ND		500	1000
Methyl tert-butyl ether	ND		160	1000
Methylcyclohexane	ND		160	1000
Methylene Chloride	ND		440	1000
Styrene	ND		730	1000
Tetrachloroethene	ND		360	1000
Toluene	ND		510	1000
trans-1,2-Dichloroethene	ND		900	1000
trans-1,3-Dichloropropene	ND		370	1000
Trichloroethene	15000		460	1000
Trichlorofluoromethane	ND		880	1000

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **Duplicate**

Lab Sample ID: 480-22257-1FD Date Sampled: 07/06/2012 0800
Client Matrix: Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G12949.D
Dilution:	1000			Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1536			Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1536				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	5500		900	1000
Xylenes, Total	ND		660	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		66 - 137
4-Bromofluorobenzene (Surr)	108		73 - 120
Toluene-d8 (Surr)	111		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-16S**

Lab Sample ID: 480-22257-2 Date Sampled: 07/06/2012 1005
Client Matrix: Ground Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G12950.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1559			Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1559				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2400		1600	2000
1,1,2,2-Tetrachloroethane	ND		420	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1,2-Trichloroethane	ND		460	2000
1,1-Dichloroethane	1200	J	760	2000
1,1-Dichloroethene	ND		580	2000
1,2,4-Trichlorobenzene	ND		820	2000
1,2-Dibromo-3-Chloropropane	ND		780	2000
1,2-Dibromoethane	ND		1500	2000
1,2-Dichlorobenzene	ND		1600	2000
1,2-Dichloroethane	ND		420	2000
1,2-Dichloropropane	ND		1400	2000
1,3-Dichlorobenzene	ND		1600	2000
1,4-Dichlorobenzene	ND		1700	2000
2-Butanone (MEK)	ND		2600	20000
2-Hexanone	ND		2500	10000
4-Methyl-2-pentanone (MIBK)	ND		4200	10000
Acetone	ND		6000	20000
Benzene	ND		820	2000
Bromodichloromethane	ND		780	2000
Bromoform	ND		520	2000
Bromomethane	ND		1400	2000
Carbon disulfide	ND		380	2000
Carbon tetrachloride	ND		540	2000
Chlorobenzene	ND		1500	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	72000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dibromochloromethane	ND		640	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	2000
Methyl tert-butyl ether	ND		320	2000
Methylcyclohexane	ND		320	2000
Methylene Chloride	ND		880	2000
Styrene	ND		1500	2000
Tetrachloroethene	ND		720	2000
Toluene	ND		1000	2000
trans-1,2-Dichloroethene	ND		1800	2000
trans-1,3-Dichloropropene	ND		740	2000
Trichloroethene	170000		920	2000
Trichlorofluoromethane	ND		1800	2000

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-16S**

Lab Sample ID: 480-22257-2 Date Sampled: 07/06/2012 1005
Client Matrix: Ground Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G12950.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1559			Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1559				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3900		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	109		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-4**

Lab Sample ID: 480-22257-3 Date Sampled: 07/06/2012 0850
Client Matrix: Ground Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G12951.D
Dilution:	1000			Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1621			Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		820	1000
1,1,2,2-Tetrachloroethane	ND		210	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		310	1000
1,1,2-Trichloroethane	ND		230	1000
1,1-Dichloroethane	990	J	380	1000
1,1-Dichloroethene	ND		290	1000
1,2,4-Trichlorobenzene	ND		410	1000
1,2-Dibromo-3-Chloropropane	ND		390	1000
1,2-Dibromoethane	ND		730	1000
1,2-Dichlorobenzene	ND		790	1000
1,2-Dichloroethane	ND		210	1000
1,2-Dichloropropane	ND		720	1000
1,3-Dichlorobenzene	ND		780	1000
1,4-Dichlorobenzene	ND		840	1000
2-Butanone (MEK)	ND		1300	10000
2-Hexanone	ND		1200	5000
4-Methyl-2-pentanone (MIBK)	ND		2100	5000
Acetone	ND		3000	10000
Benzene	ND		410	1000
Bromodichloromethane	ND		390	1000
Bromoform	ND		260	1000
Bromomethane	ND		690	1000
Carbon disulfide	ND		190	1000
Carbon tetrachloride	ND		270	1000
Chlorobenzene	ND		750	1000
Chloroethane	ND		320	1000
Chloroform	ND		340	1000
Chloromethane	ND		350	1000
cis-1,2-Dichloroethene	78000		810	1000
cis-1,3-Dichloropropene	ND		360	1000
Cyclohexane	ND		180	1000
Dibromochloromethane	ND		320	1000
Dichlorodifluoromethane	ND		680	1000
Ethylbenzene	ND		740	1000
Isopropylbenzene	ND		790	1000
Methyl acetate	ND		500	1000
Methyl tert-butyl ether	ND		160	1000
Methylcyclohexane	ND		160	1000
Methylene Chloride	ND		440	1000
Styrene	ND		730	1000
Tetrachloroethene	ND		360	1000
Toluene	ND		510	1000
trans-1,2-Dichloroethene	ND		900	1000
trans-1,3-Dichloropropene	ND		370	1000
Trichloroethene	15000		460	1000
Trichlorofluoromethane	ND		880	1000

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **MW-4**

Lab Sample ID: 480-22257-3 Date Sampled: 07/06/2012 0850
Client Matrix: Ground Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G12951.D
Dilution:	1000			Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1621			Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1621				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	6200		900	1000
Xylenes, Total	ND		660	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	108		71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **Rinse**

Lab Sample ID: 480-22257-4RB Date Sampled: 07/06/2012 0915
Client Matrix: Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71650	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N8742.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/10/2012 0232			Final Weight/Volume:	5 mL
Prep Date:	07/10/2012 0232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Client: AECOM, Inc. Job Number: 480-22187-1

Client Sample ID: **Rinse**

Lab Sample ID: 480-22257-4RB Date Sampled: 07/06/2012 0915
Client Matrix: Water Date Received: 07/06/2012 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-71650	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N8742.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/10/2012 0232			Final Weight/Volume:	5 mL
Prep Date:	07/10/2012 0232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		66 - 137
4-Bromofluorobenzene (Surr)	82		73 - 120
Toluene-d8 (Surr)	90		71 - 126

Client: AECOM, Inc.

Job Number: 480-22187-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-22187-1	MW-10	92	94	96
480-22187-2	MW-11	109	91	81
480-22187-3	MW-12	98	94	95
480-22187-4	MW-2	91	95	95
480-22187-5	MW-3	104	88	94
480-22187-6	MW-6	102	88	104
480-22187-7	Trip Blank	103	89	96
480-22257-1	Duplicate	114	111	108
480-22257-2	MW-16S	113	109	104
480-22257-3	MW-4	111	108	103
480-22257-4	Rinse	86	90	82
MB 480-71523/5		102	77	102
MB 480-71650/5		84	91	80
MB 480-71947/5		110	108	104
LCS 480-71523/3		91	87	102
LCS 480-71650/4		84	89	83
LCS 480-71947/4		112	114	112

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Client: AECOM, Inc. Job Number: 480-22187-1

Method Blank - Batch: 480-71523 **Method: 8260B**
Preparation: 5030B

Lab Sample ID:	MB 480-71523/5	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Q1692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1114	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1114				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0

Method Blank - Batch: 480-71523

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 480-71523/5	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Q1692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1114	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1114				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.88	1.0
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	66 - 137
4-Bromofluorobenzene (Surr)	102	73 - 120
Toluene-d8 (Surr)	77	71 - 126

Lab Control Sample - Batch: 480-71523

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 480-71523/3	Analysis Batch:	480-71523	Instrument ID:	HP5973Q
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Q1690.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1015	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 1015				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	28.4	114	71 - 129	
1,1-Dichloroethene	25.0	24.5	98	65 - 138	
1,2-Dichlorobenzene	25.0	26.1	104	77 - 120	
1,2-Dichloroethane	25.0	25.9	104	75 - 127	
Benzene	25.0	25.7	103	71 - 124	
Chlorobenzene	25.0	25.6	102	72 - 120	
cis-1,2-Dichloroethene	25.0	28.6	114	74 - 124	
Ethylbenzene	25.0	25.1	100	77 - 123	
Methyl tert-butyl ether	25.0	25.6	102	64 - 127	
Tetrachloroethene	25.0	26.1	104	74 - 122	
Toluene	25.0	23.6	94	70 - 122	
trans-1,2-Dichloroethene	25.0	28.4	114	73 - 127	
Trichloroethene	25.0	25.5	102	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	66 - 137
4-Bromofluorobenzene (Surr)	102	73 - 120
Toluene-d8 (Surr)	87	71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Method Blank - Batch: 480-71650 **Method: 8260B**
Preparation: 5030B

Lab Sample ID:	MB 480-71650/5	Analysis Batch:	480-71650	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N8737.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 2340	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 2340				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0

Method Blank - Batch: 480-71650

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 480-71650/5	Analysis Batch:	480-71650	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N8737.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 2340	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 2340				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.88	1.0
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	66 - 137
4-Bromofluorobenzene (Surr)	80	73 - 120
Toluene-d8 (Surr)	91	71 - 126

Lab Control Sample - Batch: 480-71650

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 480-71650/4	Analysis Batch:	480-71650	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N8736.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 2316	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/09/2012 2316				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	22.9	92	71 - 129	
1,1-Dichloroethene	25.0	20.5	82	65 - 138	
1,2-Dichlorobenzene	25.0	24.3	97	77 - 120	
1,2-Dichloroethane	25.0	24.0	96	75 - 127	
Benzene	25.0	23.6	94	71 - 124	
Chlorobenzene	25.0	24.5	98	72 - 120	
cis-1,2-Dichloroethene	25.0	23.1	92	74 - 124	
Ethylbenzene	25.0	24.4	98	77 - 123	
Methyl tert-butyl ether	25.0	21.7	87	64 - 127	
Tetrachloroethene	25.0	24.7	99	74 - 122	
Toluene	25.0	24.5	98	70 - 122	
trans-1,2-Dichloroethene	25.0	24.2	97	73 - 127	
Trichloroethene	25.0	23.5	94	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	66 - 137
4-Bromofluorobenzene (Surr)	83	73 - 120
Toluene-d8 (Surr)	89	71 - 126

Client: AECOM, Inc. Job Number: 480-22187-1

Method Blank - Batch: 480-71947 **Method: 8260B**
Preparation: 5030B

Lab Sample ID:	MB 480-71947/5	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G12947.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1422	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1422				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0

Method Blank - Batch: 480-71947

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 480-71947/5	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G12947.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1422	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1422				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.88	1.0
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	66 - 137
4-Bromofluorobenzene (Surr)	104	73 - 120
Toluene-d8 (Surr)	108	71 - 126

Lab Control Sample - Batch: 480-71947

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 480-71947/4	Analysis Batch:	480-71947	Instrument ID:	HP5973G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G12946.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/11/2012 1359	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	07/11/2012 1359				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	26.6	106	71 - 129	
1,1-Dichloroethene	25.0	24.0	96	65 - 138	
1,2-Dichlorobenzene	25.0	26.1	104	77 - 120	
1,2-Dichloroethane	25.0	27.8	111	75 - 127	
Benzene	25.0	26.5	106	71 - 124	
Chlorobenzene	25.0	27.6	110	72 - 120	
cis-1,2-Dichloroethene	25.0	26.3	105	74 - 124	
Ethylbenzene	25.0	27.7	111	77 - 123	
Methyl tert-butyl ether	25.0	23.0	92	64 - 127	
Tetrachloroethene	25.0	27.7	111	74 - 122	
Toluene	25.0	27.3	109	70 - 122	
trans-1,2-Dichloroethene	25.0	26.4	106	73 - 127	
Trichloroethene	25.0	26.4	106	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	66 - 137
4-Bromofluorobenzene (Surr)	112	73 - 120
Toluene-d8 (Surr)	114	71 - 126

DATA REPORTING QUALIFIERS

Client: AECOM, Inc. Job Number: 480-22187-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: AECOM, Inc. Job Number: 480-22187-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:480-71523					
LCS 480-71523/3	Lab Control Sample	T	Water	8260B	
MB 480-71523/5	Method Blank	T	Water	8260B	
480-22187-1	MW-10	T	Water	8260B	
480-22187-2	MW-11	T	Water	8260B	
480-22187-3	MW-12	T	Water	8260B	
480-22187-4	MW-2	T	Water	8260B	
480-22187-5	MW-3	T	Water	8260B	
480-22187-6	MW-6	T	Water	8260B	
480-22187-7TB	Trip Blank	T	Water	8260B	
Analysis Batch:480-71650					
LCS 480-71650/4	Lab Control Sample	T	Water	8260B	
MB 480-71650/5	Method Blank	T	Water	8260B	
480-22257-4RB	Rinse	T	Water	8260B	
Analysis Batch:480-71947					
LCS 480-71947/4	Lab Control Sample	T	Water	8260B	
MB 480-71947/5	Method Blank	T	Water	8260B	
480-22257-1FD	Duplicate	T	Water	8260B	
480-22257-2	MW-16S	T	Water	8260B	
480-22257-3	MW-4	T	Water	8260B	

Report Basis
T = Total

Client: AECOM, Inc. Job Number: 480-22187-1

Laboratory Chronicle

Lab ID: 480-22187-1 **Client ID:** MW-10

Sample Date/Time: 07/05/2012 15:55 Received Date/Time: 07/05/2012 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22187-A-1		480-71523		07/09/2012 16:23	1	TAL BUF	CDC
A:8260B	480-22187-A-1		480-71523		07/09/2012 16:23	1	TAL BUF	CDC

Lab ID: 480-22187-2 **Client ID:** MW-11

Sample Date/Time: 07/05/2012 12:30 Received Date/Time: 07/05/2012 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22187-A-2		480-71523		07/09/2012 16:51	1	TAL BUF	CDC
A:8260B	480-22187-A-2		480-71523		07/09/2012 16:51	1	TAL BUF	CDC

Lab ID: 480-22187-3 **Client ID:** MW-12

Sample Date/Time: 07/05/2012 14:10 Received Date/Time: 07/05/2012 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22187-A-3		480-71523		07/09/2012 17:19	1	TAL BUF	CDC
A:8260B	480-22187-A-3		480-71523		07/09/2012 17:19	1	TAL BUF	CDC

Lab ID: 480-22187-4 **Client ID:** MW-2

Sample Date/Time: 07/05/2012 11:30 Received Date/Time: 07/05/2012 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22187-A-4		480-71523		07/09/2012 17:47	1	TAL BUF	CDC
A:8260B	480-22187-A-4		480-71523		07/09/2012 17:47	1	TAL BUF	CDC

Lab ID: 480-22187-5 **Client ID:** MW-3

Sample Date/Time: 07/05/2012 13:25 Received Date/Time: 07/05/2012 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22187-A-5		480-71523		07/09/2012 18:15	1	TAL BUF	CDC
A:8260B	480-22187-A-5		480-71523		07/09/2012 18:15	1	TAL BUF	CDC

Lab ID: 480-22187-6 **Client ID:** MW-6

Sample Date/Time: 07/05/2012 15:00 Received Date/Time: 07/05/2012 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22187-A-6		480-71523		07/09/2012 18:43	1	TAL BUF	CDC
A:8260B	480-22187-A-6		480-71523		07/09/2012 18:43	1	TAL BUF	CDC

Client: AECOM, Inc. Job Number: 480-22187-1

Laboratory Chronicle

Lab ID: 480-22187-7 **Client ID:** Trip Blank

Sample Date/Time: 07/05/2012 00:00 Received Date/Time: 07/05/2012 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22187-A-7		480-71523		07/09/2012 19:11	1	TAL BUF	CDC
A:8260B	480-22187-A-7		480-71523		07/09/2012 19:11	1	TAL BUF	CDC

Lab ID: 480-22257-1 **Client ID:** Duplicate

Sample Date/Time: 07/06/2012 08:00 Received Date/Time: 07/06/2012 16:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22257-B-1		480-71947		07/11/2012 15:36	1000	TAL BUF	RL
A:8260B	480-22257-B-1		480-71947		07/11/2012 15:36	1000	TAL BUF	RL

Lab ID: 480-22257-2 **Client ID:** MW-16S

Sample Date/Time: 07/06/2012 10:05 Received Date/Time: 07/06/2012 16:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22257-A-2		480-71947		07/11/2012 15:59	2000	TAL BUF	RL
A:8260B	480-22257-A-2		480-71947		07/11/2012 15:59	2000	TAL BUF	RL

Lab ID: 480-22257-3 **Client ID:** MW-4

Sample Date/Time: 07/06/2012 08:50 Received Date/Time: 07/06/2012 16:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22257-A-3		480-71947		07/11/2012 16:21	1000	TAL BUF	RL
A:8260B	480-22257-A-3		480-71947		07/11/2012 16:21	1000	TAL BUF	RL

Lab ID: 480-22257-4 **Client ID:** Rinse

Sample Date/Time: 07/06/2012 09:15 Received Date/Time: 07/06/2012 16:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-22257-A-4		480-71650		07/10/2012 02:32	1	TAL BUF	LH
A:8260B	480-22257-A-4		480-71650		07/10/2012 02:32	1	TAL BUF	LH

Client: AECOM, Inc. Job Number: 480-22187-1

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 480-71523/5		480-71523		07/09/2012 11:14	1	TAL BUF	CDC
A:8260B	MB 480-71523/5		480-71523		07/09/2012 11:14	1	TAL BUF	CDC
P:5030B	MB 480-71650/5		480-71650		07/09/2012 23:40	1	TAL BUF	LH
A:8260B	MB 480-71650/5		480-71650		07/09/2012 23:40	1	TAL BUF	LH
P:5030B	MB 480-71947/5		480-71947		07/11/2012 14:22	1	TAL BUF	RL
A:8260B	MB 480-71947/5		480-71947		07/11/2012 14:22	1	TAL BUF	RL

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 480-71523/3		480-71523		07/09/2012 10:15	1	TAL BUF	CDC
A:8260B	LCS 480-71523/3		480-71523		07/09/2012 10:15	1	TAL BUF	CDC
P:5030B	LCS 480-71650/4		480-71650		07/09/2012 23:16	1	TAL BUF	LH
A:8260B	LCS 480-71650/4		480-71650		07/09/2012 23:16	1	TAL BUF	LH
P:5030B	LCS 480-71947/4		480-71947		07/11/2012 13:59	1	TAL BUF	RL
A:8260B	LCS 480-71947/4		480-71947		07/11/2012 13:59	1	TAL BUF	RL

Lab References:
TAL BUF = TestAmerica Buffalo

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-22187-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY00044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	2973
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-11-2
TestAmerica Buffalo	USDA	Federal		P330-11-00386
TestAmerica Buffalo	Virginia	NELAC	3	460185
TestAmerica Buffalo	Washington	State Program	10	C784
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624 (60) ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW-10	480-22187-1	92	94	96
MW-11	480-22187-2	109	91	81
MW-12	480-22187-3	98	94	95
MW-2	480-22187-4	91	95	95
MW-3	480-22187-5	104	88	94
MW-6	480-22187-6	102	88	104
Trip Blank	480-22187-7	103	89	96
Duplicate	480-22257-1	114	111	108
MW-16S	480-22257-2	113	109	104
MW-4	480-22257-3	111	108	103
Rinse	480-22257-4	86	90	82
	MB 480-71523/5	102	77	102
	MB 480-71650/5	84	91	80
	MB 480-71947/5	110	108	104
	LCS 480-71523/3	91	87	102
	LCS 480-71650/4	84	89	83
	LCS 480-71947/4	112	114	112

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Matrix: Water Level: Low Lab File ID: Q1690.D

Lab ID: LCS 480-71523/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	28.4	114	71-129	
1,1-Dichloroethene	25.0	24.5	98	65-138	
1,2-Dichlorobenzene	25.0	26.1	104	77-120	
1,2-Dichloroethane	25.0	25.9	104	75-127	
Benzene	25.0	25.7	103	71-124	
Chlorobenzene	25.0	25.6	102	72-120	
cis-1,2-Dichloroethene	25.0	28.6	114	74-124	
Ethylbenzene	25.0	25.1	100	77-123	
Methyl tert-butyl ether	25.0	25.6	102	64-127	
Tetrachloroethene	25.0	26.1	104	74-122	
Toluene	25.0	23.6	94	70-122	
trans-1,2-Dichloroethene	25.0	28.4	114	73-127	
Trichloroethene	25.0	25.5	102	74-123	

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 Buffalo Job No.: 480-22187-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N8736.D

Lab ID: LCS 480-71650/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	22.9	92	71-129	
1,1-Dichloroethene	25.0	20.5	82	65-138	
1,2-Dichlorobenzene	25.0	24.3	97	77-120	
1,2-Dichloroethane	25.0	24.0	96	75-127	
Benzene	25.0	23.6	94	71-124	
Chlorobenzene	25.0	24.5	98	72-120	
cis-1,2-Dichloroethene	25.0	23.1	92	74-124	
Ethylbenzene	25.0	24.4	98	77-123	
Methyl tert-butyl ether	25.0	21.7	87	64-127	
Tetrachloroethene	25.0	24.7	99	74-122	
Toluene	25.0	24.5	98	70-122	
trans-1,2-Dichloroethene	25.0	24.2	97	73-127	
Trichloroethene	25.0	23.5	94	74-123	

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 Buffalo Job No.: 480-22187-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G12946.D

Lab ID: LCS 480-71947/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	26.6	106	71-129	
1,1-Dichloroethene	25.0	24.0	96	65-138	
1,2-Dichlorobenzene	25.0	26.1	104	77-120	
1,2-Dichloroethane	25.0	27.8	111	75-127	
Benzene	25.0	26.5	106	71-124	
Chlorobenzene	25.0	27.6	110	72-120	
cis-1,2-Dichloroethene	25.0	26.3	105	74-124	
Ethylbenzene	25.0	27.7	111	77-123	
Methyl tert-butyl ether	25.0	23.0	92	64-127	
Tetrachloroethene	25.0	27.7	111	74-122	
Toluene	25.0	27.3	109	70-122	
trans-1,2-Dichloroethene	25.0	26.4	106	73-127	
Trichloroethene	25.0	26.4	106	74-123	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: Q1692.D Lab Sample ID: MB 480-71523/5

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

Instrument ID: HP5973Q Date Analyzed: 07/09/2012 11:14

GC Column: ZB-624 (60) ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-71523/3	Q1690.D	07/09/2012 10:15
MW-10	480-22187-1	Q1703.D	07/09/2012 16:23
MW-11	480-22187-2	Q1704.D	07/09/2012 16:51
MW-12	480-22187-3	Q1705.D	07/09/2012 17:19
MW-2	480-22187-4	Q1706.D	07/09/2012 17:47
MW-3	480-22187-5	Q1707.D	07/09/2012 18:15
MW-6	480-22187-6	Q1708.D	07/09/2012 18:43
Trip Blank	480-22187-7	Q1709.D	07/09/2012 19:11

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: N8737.D Lab Sample ID: MB 480-71650/5

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

Instrument ID: HP5973N Date Analyzed: 07/09/2012 23:40

GC Column: ZB-624 (60) ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-71650/4	N8736.D	07/09/2012 23:16
Rinse	480-22257-4	N8742.D	07/10/2012 02:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: G12947.D Lab Sample ID: MB 480-71947/5

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

Instrument ID: HP5973G Date Analyzed: 07/11/2012 14:22

GC Column: ZB-624 (60) ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-71947/4	G12946.D	07/11/2012 13:59
Duplicate	480-22257-1	G12949.D	07/11/2012 15:36
MW-16S	480-22257-2	G12950.D	07/11/2012 15:59
MW-4	480-22257-3	G12951.D	07/11/2012 16:21

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: G12858.D BFB Injection Date: 07/09/2012

Instrument ID: HP5973G BFB Injection Time: 11:22

Analysis Batch No.: 71552

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.1	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.6	(0.9)1
174	50.0 - 120.00 % of mass 95	71.7	
175	5.0 - 9.0 % of mass 174	4.4	(6.2)1
176	95.0 - 101.0 % of mass 174	70.5	(98.3)1
177	5.0 - 9.0 % of mass 176	4.8	(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 480-71552/3	G12860.D	07/09/2012	12:11
	IC 480-71552/4	G12861.D	07/09/2012	12:34
	IC 480-71552/5	G12862.D	07/09/2012	12:56
	ICIS 480-71552/6	G12863.D	07/09/2012	13:19
	IC 480-71552/7	G12864.D	07/09/2012	13:41
	IC 480-71552/8	G12865.D	07/09/2012	14:04

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: G12943.D BFB Injection Date: 07/11/2012

Instrument ID: HP5973G BFB Injection Time: 11:48

Analysis Batch No.: 71947

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.3	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	78.4	
175	5.0 - 9.0 % of mass 174	5.8	(7.4)1
176	95.0 - 101.0 % of mass 174	75.5	(96.2)1
177	5.0 - 9.0 % of mass 176	5.3	(7.0)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 480-71947/2	G12944.D	07/11/2012	12:53
	LCS 480-71947/4	G12946.D	07/11/2012	13:59
	MB 480-71947/5	G12947.D	07/11/2012	14:22
Duplicate	480-22257-1	G12949.D	07/11/2012	15:36
MW-16S	480-22257-2	G12950.D	07/11/2012	15:59
MW-4	480-22257-3	G12951.D	07/11/2012	16:21

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: N8566.D BFB Injection Date: 07/02/2012

Instrument ID: HP5973N BFB Injection Time: 15:12

Analysis Batch No.: 70887

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	32.2	
75	30.0 - 60.0 % of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	78.6	
175	5.0 - 9.0 % of mass 174	4.2	(5.3)1
176	95.0 - 101.0 % of mass 174	75.0	(95.4)1
177	5.0 - 9.0 % of mass 176	5.0	(6.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 480-70887/2	N8568.D	07/02/2012	16:14
	IC 480-70887/3	N8569.D	07/02/2012	16:38
	IC 480-70887/4	N8570.D	07/02/2012	17:01
	ICIS 480-70887/5	N8571.D	07/02/2012	17:25
	IC 480-70887/6	N8572.D	07/02/2012	17:49
	IC 480-70887/7	N8573.D	07/02/2012	18:13

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: N8733.D BFB Injection Date: 07/09/2012

Instrument ID: HP5973N BFB Injection Time: 21:21

Analysis Batch No.: 71650

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	33.3	
75	30.0 - 60.0 % of mass 95	48.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	76.0	
175	5.0 - 9.0 % of mass 174	6.2	(8.1)1
176	95.0 - 101.0 % of mass 174	72.4	(95.2)1
177	5.0 - 9.0 % of mass 176	4.6	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-71650/2	N8734.D	07/09/2012	22:13
	LCS 480-71650/4	N8736.D	07/09/2012	23:16
	MB 480-71650/5	N8737.D	07/09/2012	23:40
Rinse	480-22257-4	N8742.D	07/10/2012	02:32

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: Q0926.D BFB Injection Date: 06/05/2012

Instrument ID: HP5973Q BFB Injection Time: 11:56

Analysis Batch No.: 67116

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	85.4	
175	5.0 - 9.0 % of mass 174	5.5	(6.5)1
176	95.0 - 101.0 % of mass 174	85.7	(100.3)1
177	5.0 - 9.0 % of mass 176	5.6	(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 480-67116/3	Q0928.D	06/05/2012	12:35
	IC 480-67116/4	Q0929.D	06/05/2012	13:04
	IC 480-67116/5	Q0930.D	06/05/2012	13:31
	ICIS 480-67116/6	Q0931.D	06/05/2012	14:00
	IC 480-67116/7	Q0932.D	06/05/2012	14:28
	IC 480-67116/8	Q0933.D	06/05/2012	14:56

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab File ID: Q1688.D BFB Injection Date: 07/09/2012

Instrument ID: HP5973Q BFB Injection Time: 09:25

Analysis Batch No.: 71523

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.7	
75	30.0 - 60.0 % of mass 95	50.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	87.4	
175	5.0 - 9.0 % of mass 174	5.4	(6.2)1
176	95.0 - 101.0 % of mass 174	84.3	(96.4)1
177	5.0 - 9.0 % of mass 176	5.7	(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 480-71523/2	Q1689.D	07/09/2012	09:47
	LCS 480-71523/3	Q1690.D	07/09/2012	10:15
	MB 480-71523/5	Q1692.D	07/09/2012	11:14
MW-10	480-22187-1	Q1703.D	07/09/2012	16:23
MW-11	480-22187-2	Q1704.D	07/09/2012	16:51
MW-12	480-22187-3	Q1705.D	07/09/2012	17:19
MW-2	480-22187-4	Q1706.D	07/09/2012	17:47
MW-3	480-22187-5	Q1707.D	07/09/2012	18:15
MW-6	480-22187-6	Q1708.D	07/09/2012	18:43
Trip Blank	480-22187-7	Q1709.D	07/09/2012	19:11

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Sample No.: ICIS 480-71552/6 Date Analyzed: 07/09/2012 13:19

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): G12863.D Heated Purge: (Y/N) N

Calibration ID: 9213

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		372219	5.75	184841	8.64	175757	11.00
UPPER LIMIT		744438	6.25	369682	9.14	351514	11.50
LOWER LIMIT		186110	5.25	92421	8.14	87879	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-71947/2		314587	5.75	157859	8.63	153445	11.00

DFB = 1,4-Difluorobenzene
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 Buffalo Job No.: 480-22187-1

SDG No.:

Sample No.: CCVIS 480-71947/2 Date Analyzed: 07/11/2012 12:53

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): G12944.D Heated Purge: (Y/N) N

Calibration ID: 9214

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		314587	5.75	157859	8.63	153445	11.00
UPPER LIMIT		629174	6.25	315718	9.13	306890	11.50
LOWER LIMIT		157294	5.25	78930	8.13	76723	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-71947/4		314238	5.75	152002	8.64	152437	11.00
MB 480-71947/5		309511	5.75	156080	8.64	145558	11.00
480-22257-1	Duplicate	299131	5.75	151044	8.64	142455	11.00
480-22257-2	MW-16S	300593	5.75	150938	8.64	142653	11.00
480-22257-3	MW-4	298873	5.75	149622	8.64	144124	11.00

DFB = 1,4-Difluorobenzene
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 Buffalo Job No.: 480-22187-1

SDG No.:

Sample No.: ICIS 480-70887/5 Date Analyzed: 07/02/2012 17:25

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): N8571.D Heated Purge: (Y/N) N

Calibration ID: 9183

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		779737	4.50	714694	7.29	421095	9.76
UPPER LIMIT		1559474	5.00	1429388	7.79	842190	10.26
LOWER LIMIT		389869	4.00	357347	6.79	210548	9.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-71650/2		784272	4.50	689285	7.29	382294	9.76

DFB = 1,4-Difluorobenzene
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 Buffalo Job No.: 480-22187-1

SDG No.:

Sample No.: CCVIS 480-71650/2 Date Analyzed: 07/09/2012 22:13

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): N8734.D Heated Purge: (Y/N) N

Calibration ID: 9184

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		784272	4.50	689285	7.29	382294	9.76
UPPER LIMIT		1568544	5.00	1378570	7.79	764588	10.26
LOWER LIMIT		392136	4.00	344643	6.79	191147	9.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-71650/4		715427	4.50	646725	7.29	382459	9.76
MB 480-71650/5		647019	4.50	596136	7.29	341731	9.76
480-22257-4	Rinse	656696	4.50	594028	7.29	348374	9.76

DFB = 1,4-Difluorobenzene
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 Buffalo Job No.: 480-22187-1

SDG No.:

Sample No.: ICIS 480-67116/6 Date Analyzed: 06/05/2012 14:00

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): Q0931.D Heated Purge: (Y/N) N

Calibration ID: 8824

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1010961	5.01	482590	7.20	470830	9.06
UPPER LIMIT		2021922	5.51	965180	7.70	941660	9.56
LOWER LIMIT		505481	4.51	241295	6.70	235415	8.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-71523/2		857267	5.00	461272	7.19	415659	9.06

DFB = 1,4-Difluorobenzene
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 Buffalo Job No.: 480-22187-1

SDG No.:

Sample No.: CCVIS 480-71523/2 Date Analyzed: 07/09/2012 09:47

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm)

Lab File ID (Standard): Q1689.D Heated Purge: (Y/N) N

Calibration ID: 8824

		DFB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		857267	5.00	461272	7.19	415659	9.06
UPPER LIMIT		1714534	5.50	922544	7.69	831318	9.56
LOWER LIMIT		428634	4.50	230636	6.69	207830	8.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-71523/3		737866	5.00	432087	7.20	436587	9.06
MB 480-71523/5		664115	5.01	382801	7.20	395065	9.06
480-22187-1	MW-10	730058	5.01	397626	7.20	381941	9.06
480-22187-2	MW-11	582061	5.01	320519	7.20	279571	9.06
480-22187-3	MW-12	744866	5.00	391796	7.20	371558	9.06
480-22187-4	MW-2	731023	5.01	383929	7.20	372851	9.06
480-22187-5	MW-3	737223	5.00	402041	7.19	371918	9.06
480-22187-6	MW-6	714594	5.00	337103	7.19	360018	9.06
480-22187-7	Trip Blank	646180	5.00	371657	7.20	355211	9.06

DFB = 1,4-Difluorobenzene
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 Buffalo Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-10 Lab Sample ID: 480-22187-1

Matrix: Ground Water Lab File ID: Q1703.D

Analysis Method: 8260B Date Collected: 07/05/2012 15:55

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2012 16:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71523 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 480-22187-1

Matrix: Ground Water | Lab File ID: Q1703.D

Analysis Method: 8260B | Date Collected: 07/05/2012 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 16:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		66-137
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
2037-26-5	Toluene-d8 (Surr)	94		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1703.D		
Lims ID:	480-22187-A-1	Client ID:	MW-10
Inject. Date:	09-Jul-2012 16:23:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22187-A-1		
Misc. Info.:	480-0013225-016		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	16
Lims Batch ID:	71523	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	09-Jul-2012 16:39:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.007	5.004	0.003	94	730058	25.0	
* 2 Chlorobenzene-d5	82	7.197	7.194	0.003	83	397626	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.056	0.003	94	381941	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.697	4.694	0.003	92	123824	23.1	
$ 5 Toluene-d8 (Surr)	98	6.084	6.087	-0.003	83	939495	23.6	
$ 6 4-Bromofluorobenzene (Surr)	174	8.122	8.125	-0.003	90	295149	24.0	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62		1.591					
14 Bromomethane	94		1.865					
15 Chloroethane	64		1.944					
17 Trichlorofluoromethane	101		2.181					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.650					
23 Acetone	43		2.741					
26 Carbon disulfide	76		2.826					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.289					
39 1,1-Dichloroethane	63		3.629					
45 cis-1,2-Dichloroethene	96		4.086					
43 2-Butanone (MEK)	43		4.098					
50 Chloroform	83		4.329					
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78		4.718					
58 1,2-Dichloroethane	62		4.749					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		5.369					
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.898					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.253					
111 1,3-Dichlorobenzene	146		9.001					
113 1,4-Dichlorobenzene	146		9.080					
116 1,2-Dichlorobenzene	146		9.384					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

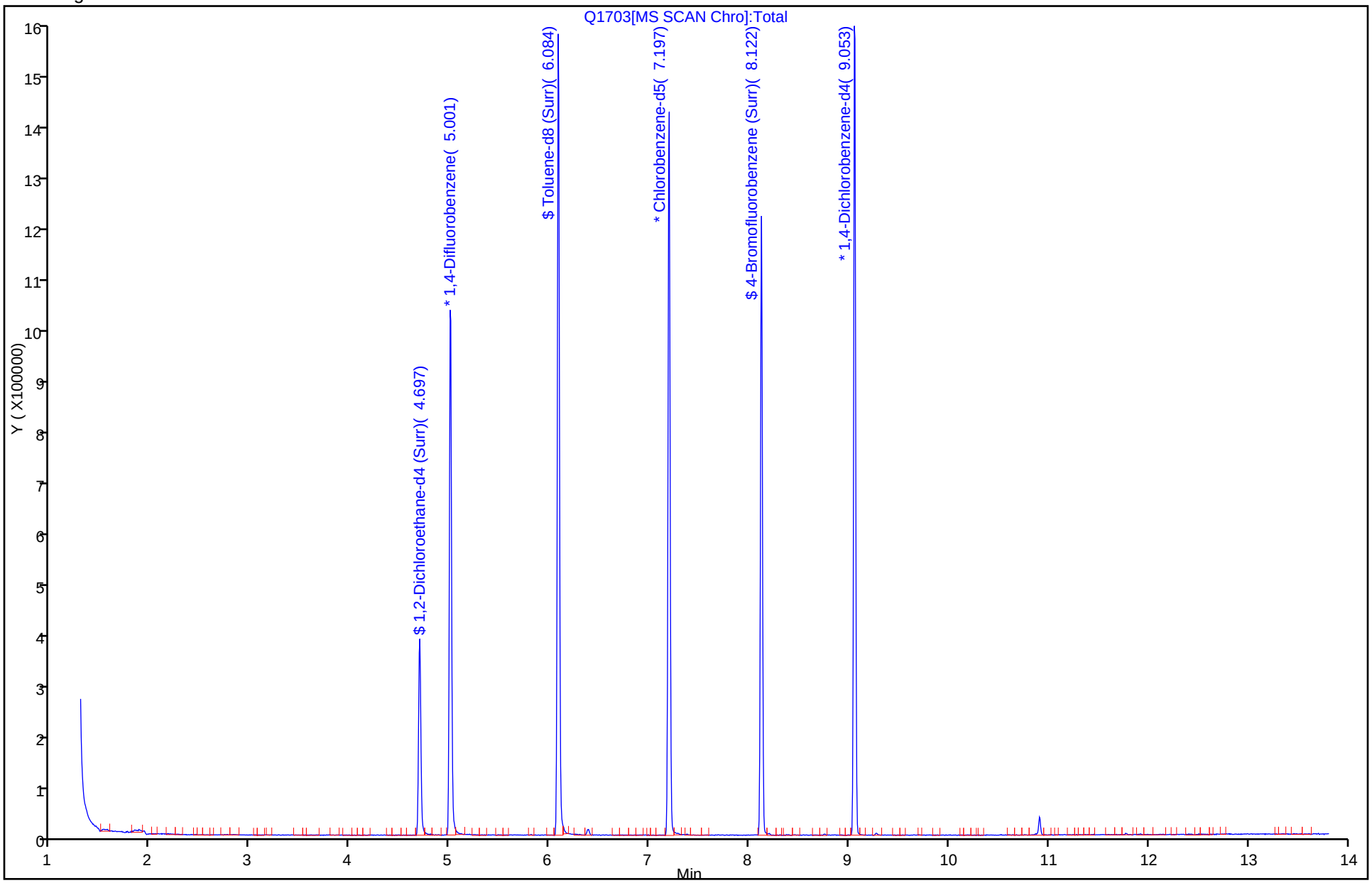
Processing Flags
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 16:39:46 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1703.D

Injection Date:	09-Jul-2012 16:23:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-10	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	16
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-11 | Lab Sample ID: 480-22187-2

Matrix: Ground Water | Lab File ID: Q1704.D

Analysis Method: 8260B | Date Collected: 07/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 16:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.9		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	12		1.0	0.38
75-35-4	1,1-Dichloroethene	1.8		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	15		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	38		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-11 | Lab Sample ID: 480-22187-2

Matrix: Ground Water | Lab File ID: Q1704.D

Analysis Method: 8260B | Date Collected: 07/05/2012 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 16:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	19		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		66-137
460-00-4	4-Bromofluorobenzene (Surr)	81		73-120
2037-26-5	Toluene-d8 (Surr)	91		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D		
Lims ID:	480-22187-A-2	Client ID:	MW-11
Inject. Date:	09-Jul-2012 16:51:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22187-A-2		
Misc. Info.:	480-0013225-017		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	17
Lims Batch ID:	71523	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	09-Jul-2012 17:14:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.004	0.001	94	582061	25.0	
* 2 Chlorobenzene-d5	82	7.195	7.194	0.001	87	320519	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.056	9.056	0.0	96	279571	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.694	4.694	0.0	99	116289	27.2	
$ 5 Toluene-d8 (Surr)	98	6.088	6.087	0.001	84	731331	22.8	
$ 6 4-Bromofluorobenzene (Surr)	174	8.126	8.125	0.001	87	200801	20.2	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62	1.586	1.591	-0.005	98	203937	18.7	
14 Bromomethane	94		1.865					
15 Chloroethane	64	1.963	1.944	0.019	89	58824	14.5	
17 Trichlorofluoromethane	101		2.181					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96	2.650	2.650	0.0	68	11168	1.78	
23 Acetone	43		2.741					
26 Carbon disulfide	76		2.826					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96	3.289	3.289	0.0	58	4536	0.6010	
39 1,1-Dichloroethane	63	3.630	3.629	0.001	85	142057	11.6	
45 cis-1,2-Dichloroethene	96	4.080	4.086	-0.005	82	320793	38.4	
43 2-Butanone (MEK)	43		4.098					
50 Chloroform	83		4.329					
51 1,1,1-Trichloroethane	97	4.439	4.438	0.001	73	14919	1.87	
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78		4.718					
58 1,2-Dichloroethane	62		4.749					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		5.369					
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.898					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.253					
111 1,3-Dichlorobenzene	146		9.001					
113 1,4-Dichlorobenzene	146		9.080					
116 1,2-Dichlorobenzene	146		9.384					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

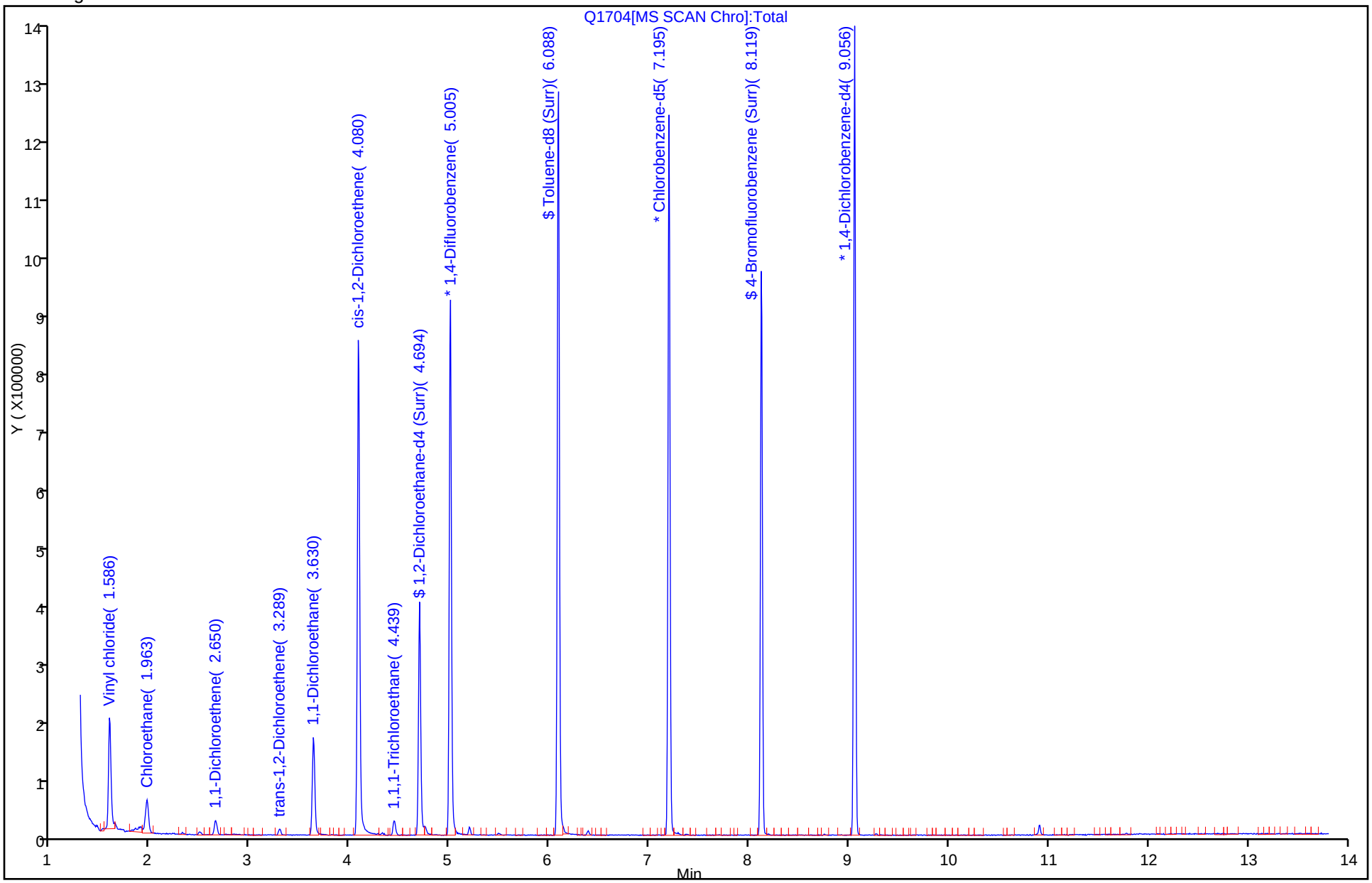
Processing Flags
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 17:14:53 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D

Injection Date:	09-Jul-2012 16:51:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-11	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	17
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:

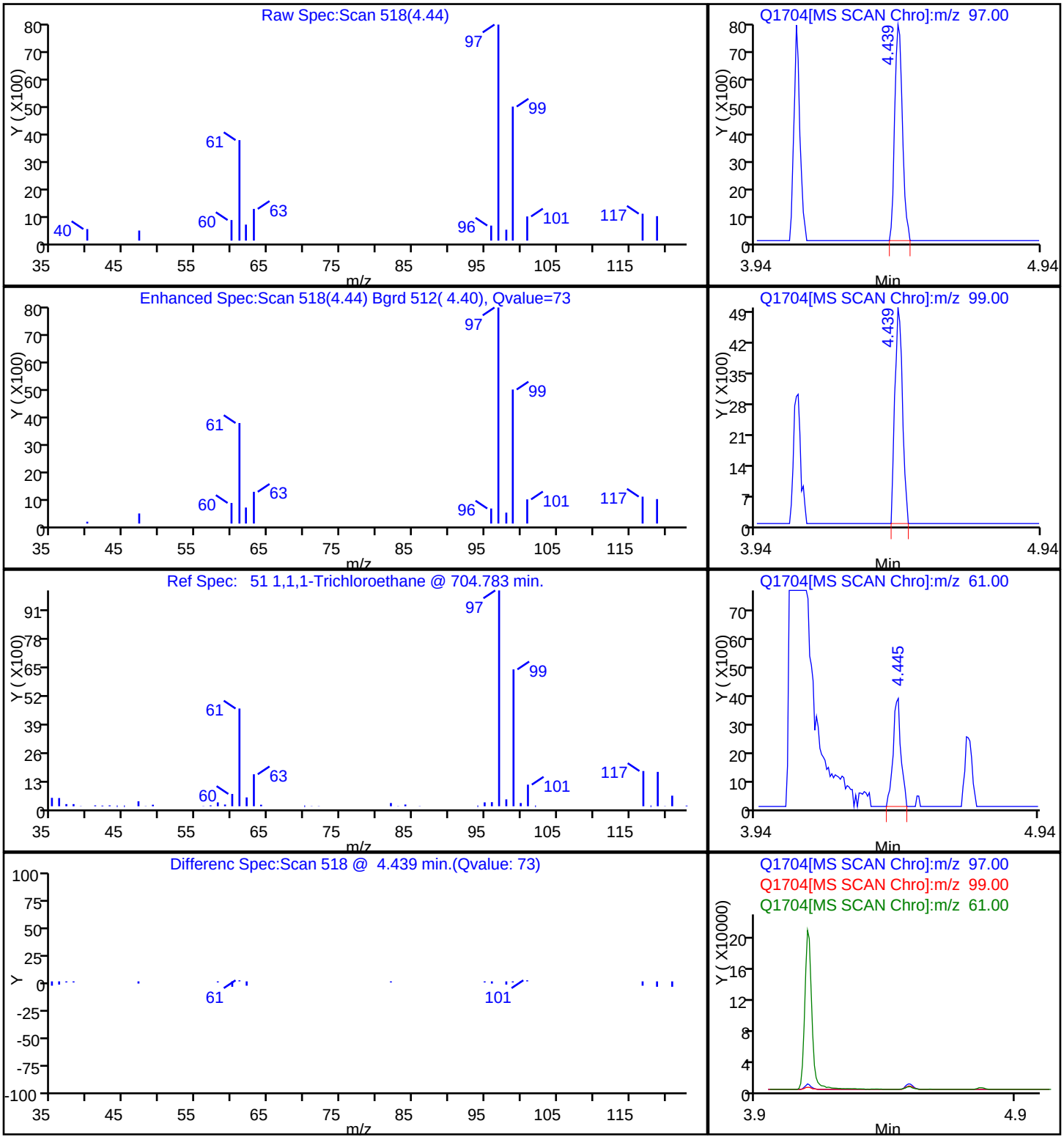


Report Date: 09-Jul-2012 17:14:53 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D

Injection Date:	09-Jul-2012 16:51:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-11	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	17
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

51 1,1,1-Trichloroethane

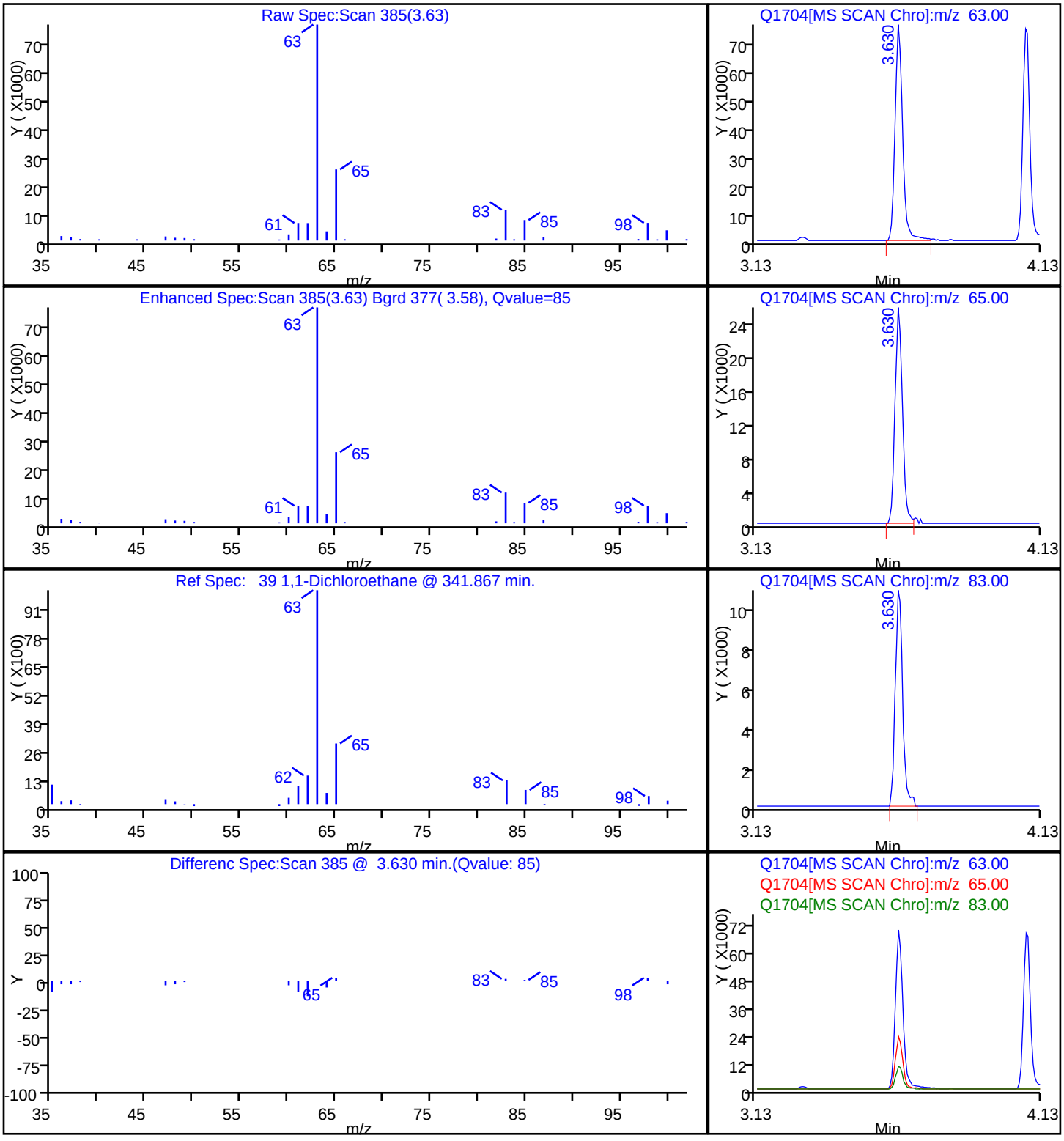


Report Date: 09-Jul-2012 17:14:53 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D

Injection Date:	09-Jul-2012 16:51:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-11	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	17
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

39 1,1-Dichloroethane

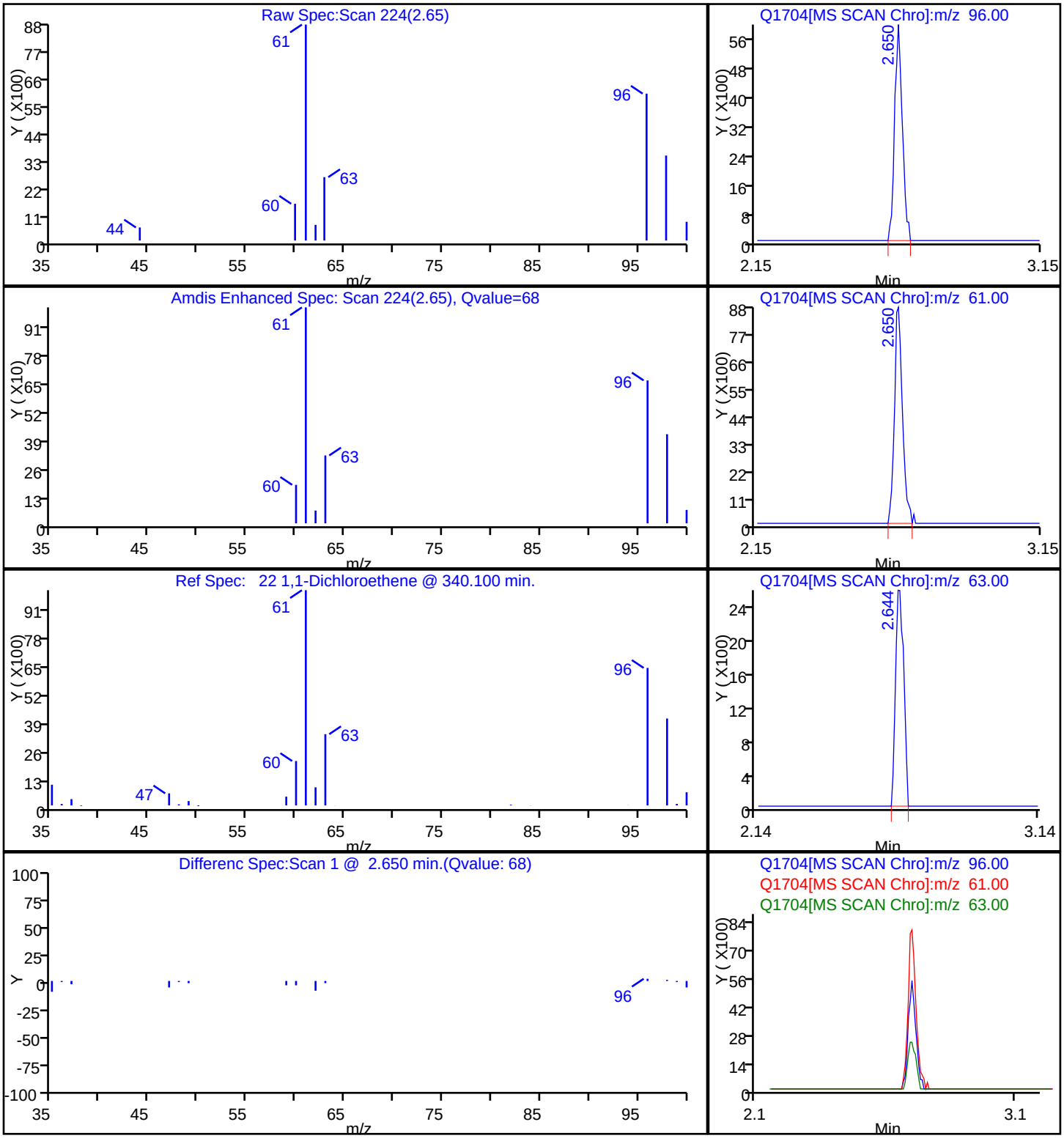


Report Date: 09-Jul-2012 17:14:53 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D

Injection Date:	09-Jul-2012 16:51:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-11	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	17
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

22 1,1-Dichloroethene

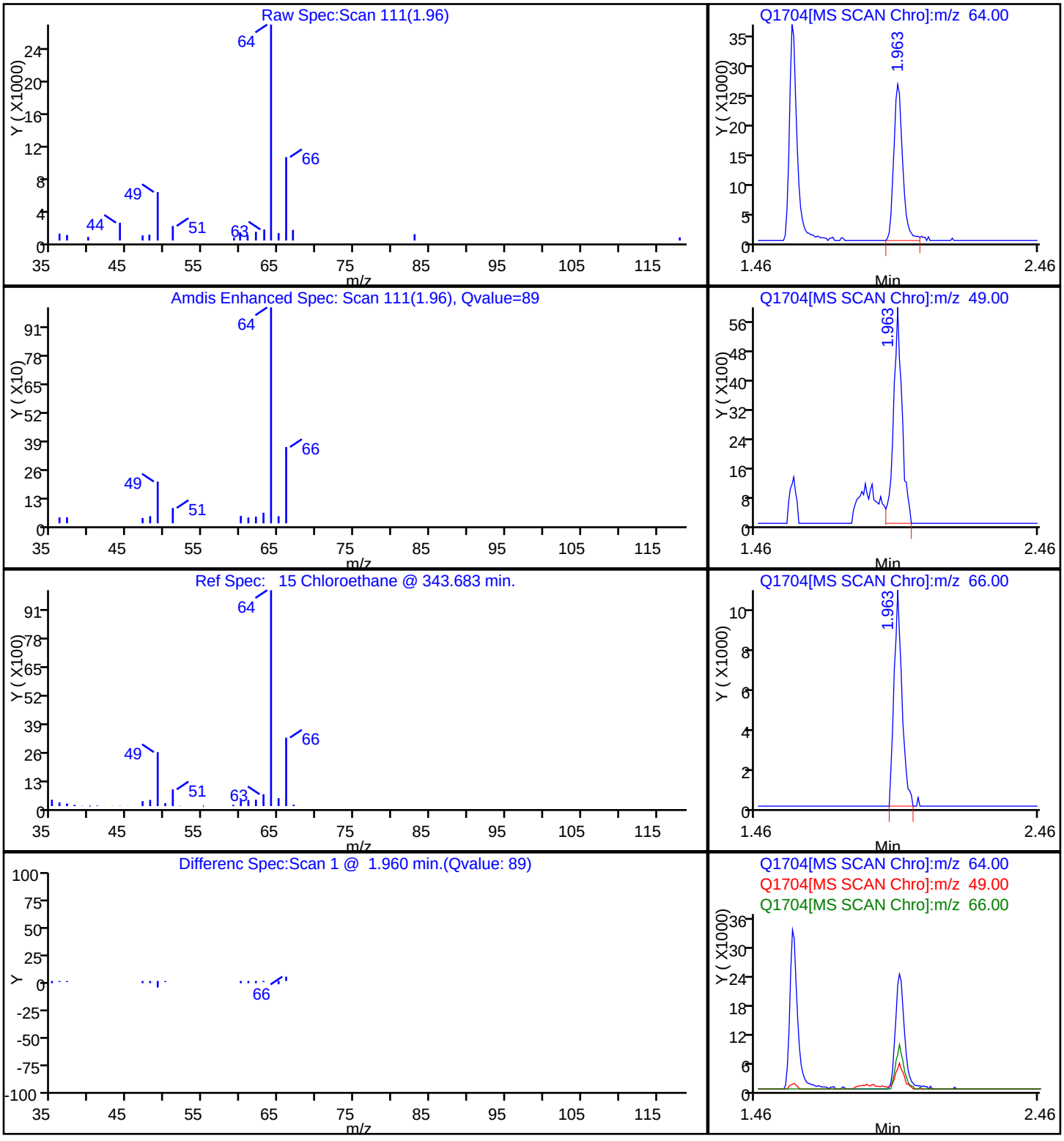


Report Date: 09-Jul-2012 17:14:53 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D

Injection Date:	09-Jul-2012 16:51:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-11	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	17
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

15 Chloroethane



Report Date: 09-Jul-2012 17:14:53 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D

Injection Date: 09-Jul-2012 16:51:30 Limit Group: MV - 8260B ICAL

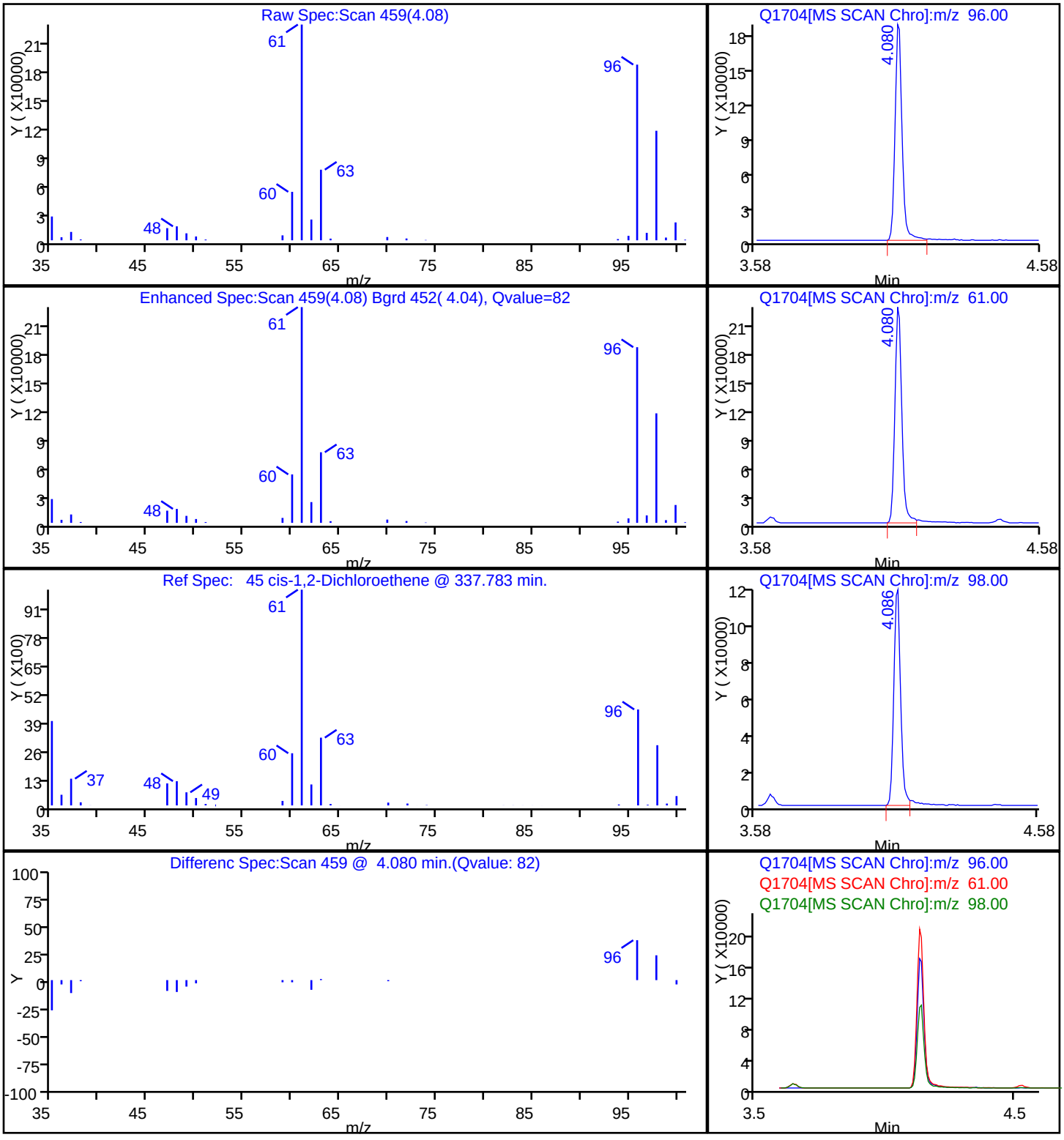
Client ID: MW-11 Instrument ID: HP5973Q

Lims Batch ID: 71523 Lims Sample ID: 17

Operator ID: TRB

Column Type: ZB-624 Column Dia: 0.25 mm

45 cis-1,2-Dichloroethene



Report Date: 09-Jul-2012 17:14:53 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1704.D

Injection Date: 09-Jul-2012 16:51:30 Limit Group: MV - 8260B ICAL

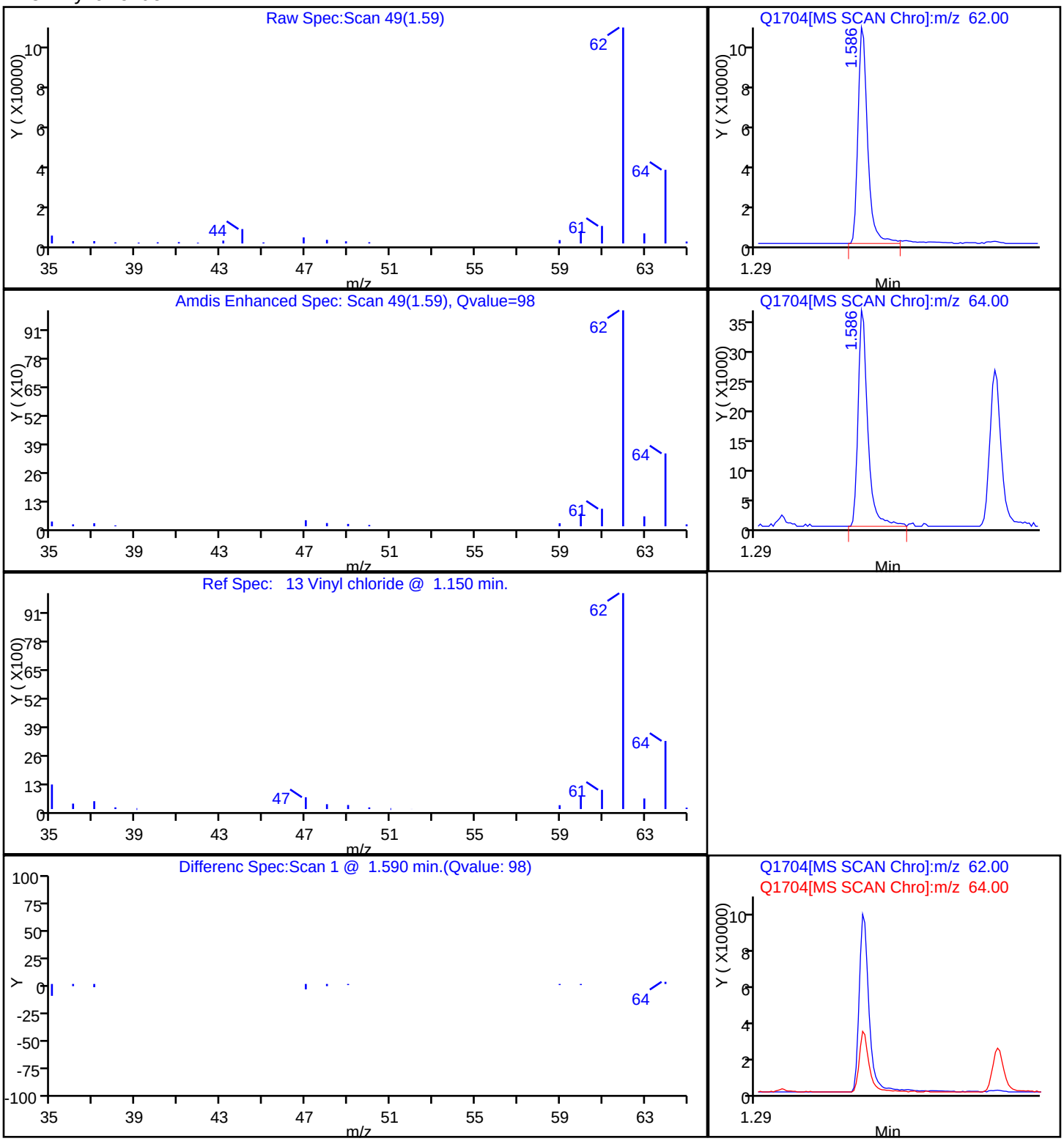
Client ID: MW-11 Instrument ID: HP5973Q

Lims Batch ID: 71523 Lims Sample ID: 17

Operator ID: TRB

Column Type: ZB-624 Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-12 | Lab Sample ID: 480-22187-3

Matrix: Ground Water | Lab File ID: Q1705.D

Analysis Method: 8260B | Date Collected: 07/05/2012 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 17:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	1.2		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	24		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-12 | Lab Sample ID: 480-22187-3

Matrix: Ground Water | Lab File ID: Q1705.D

Analysis Method: 8260B | Date Collected: 07/05/2012 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 17:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	7.2		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		66-137
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	94		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1705.D		
Lims ID:	480-22187-A-3	Client ID:	MW-12
Inject. Date:	09-Jul-2012 17:19:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22187-A-3		
Misc. Info.:	480-0013225-018		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	18
Lims Batch ID:	71523	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	09-Jul-2012 17:44:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.001	5.004	-0.003	94	744866	25.0	
* 2 Chlorobenzene-d5	82	7.197	7.194	0.003	83	391796	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.056	0.003	94	371558	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.697	4.694	0.003	91	134644	24.6	
$ 5 Toluene-d8 (Surr)	98	6.084	6.087	-0.003	83	916474	23.4	
$ 6 4-Bromofluorobenzene (Surr)	174	8.122	8.125	-0.003	90	287739	23.7	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62	1.588	1.591	-0.003	84	101018	7.23	
14 Bromomethane	94		1.865					
15 Chloroethane	64	1.965	1.944	0.021	98	123393	23.7	
17 Trichlorofluoromethane	101		2.181					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.650					
23 Acetone	43	2.756	2.741	0.015	66	3258	1.27	
26 Carbon disulfide	76		2.826					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.289					
39 1,1-Dichloroethane	63		3.629					
45 cis-1,2-Dichloroethene	96		4.086					
43 2-Butanone (MEK)	43		4.098					
50 Chloroform	83		4.329					
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78	4.715	4.718	-0.003	58	46400	1.19	
58 1,2-Dichloroethane	62		4.749					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		5.369					
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.898					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.253					
111 1,3-Dichlorobenzene	146		9.001					
113 1,4-Dichlorobenzene	146		9.080					
116 1,2-Dichlorobenzene	146		9.384					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

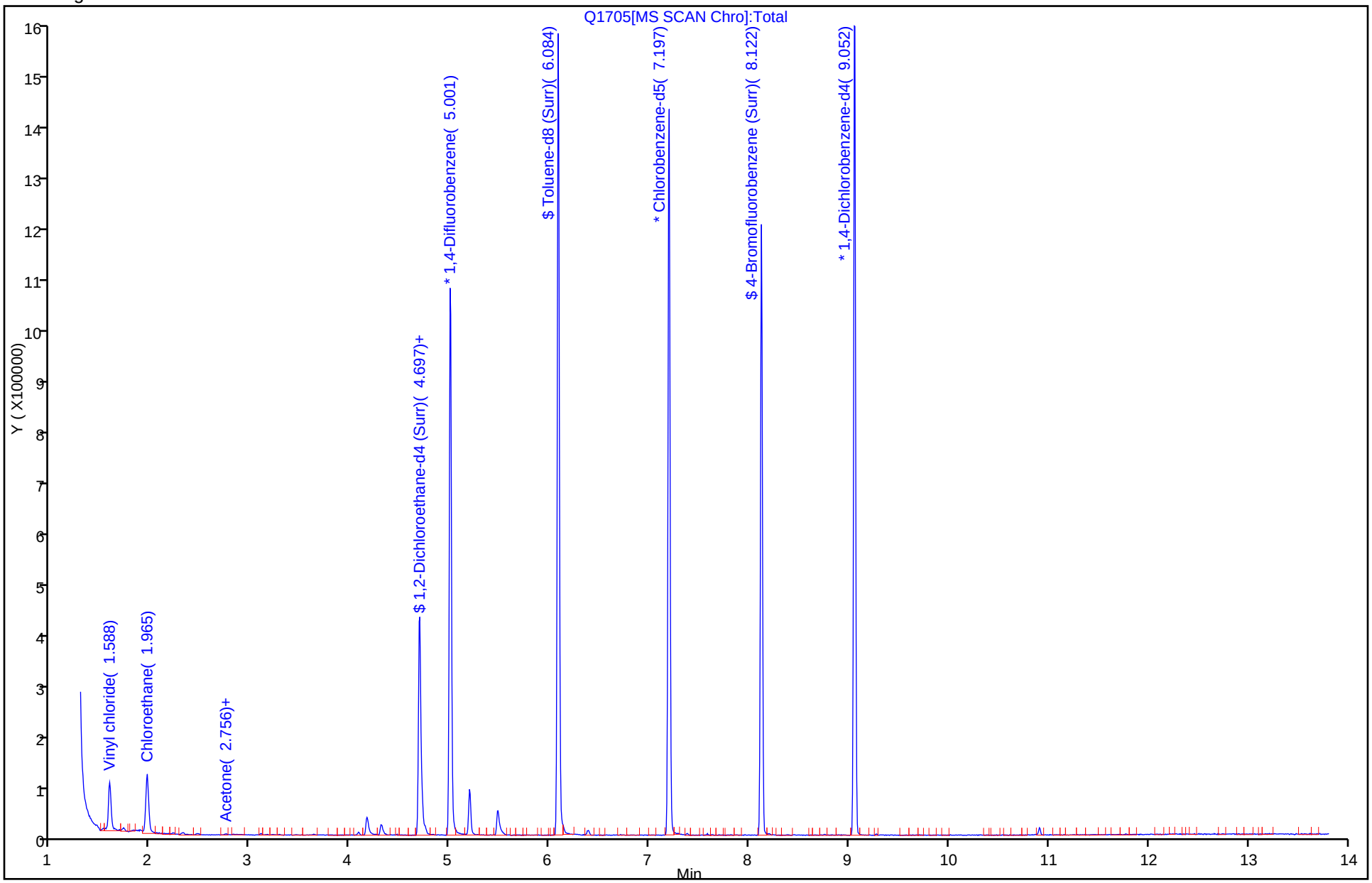
Processing Flags
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 17:44:37 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1705.D

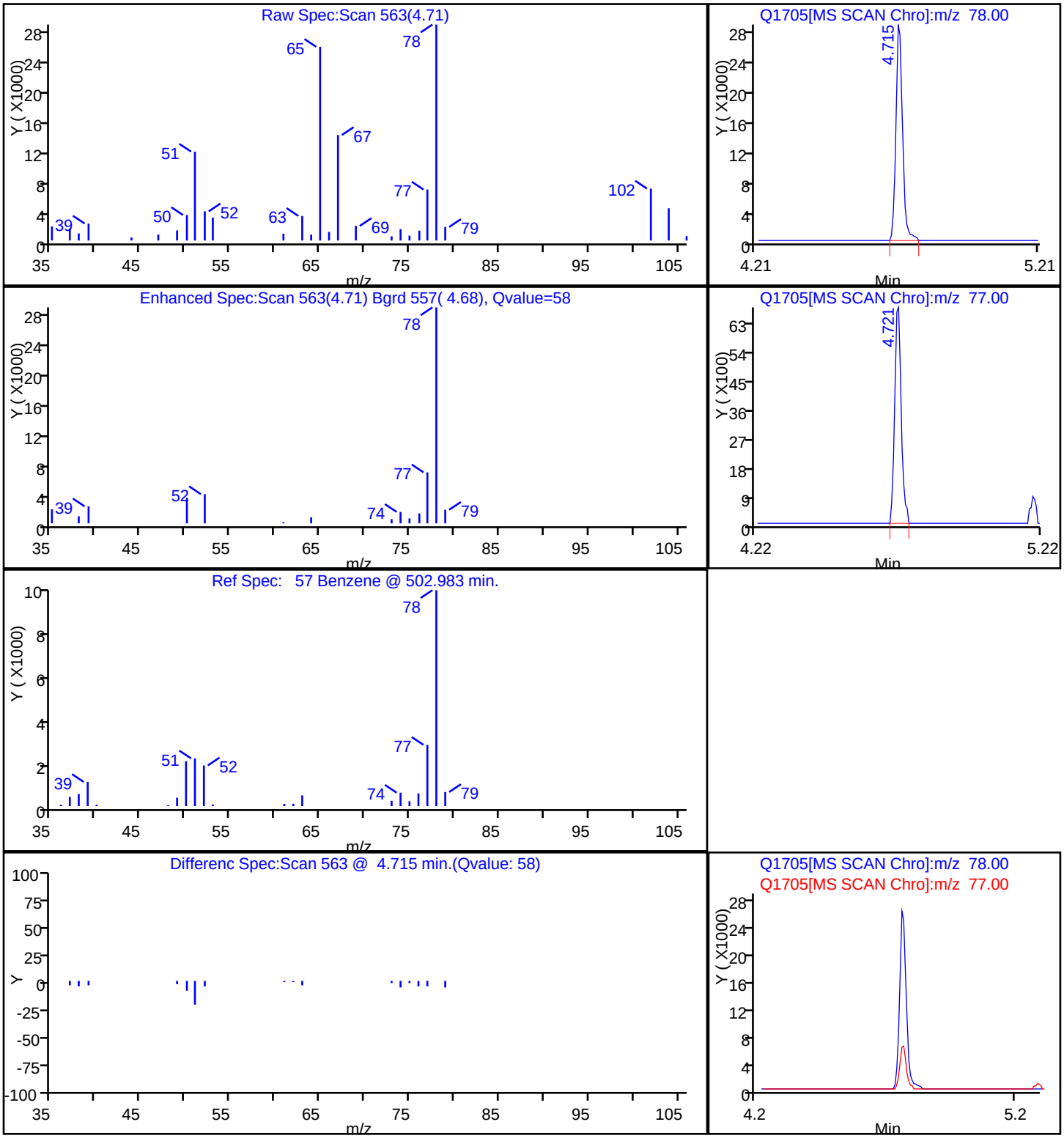
Injection Date:	09-Jul-2012 17:19:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-12	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	18
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



Report Date: 09-Jul-2012 17:44:37 Chrom Revision: 2.0 20-Feb-2012 13:27:02
Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1705.D
Injection Date: 09-Jul-2012 17:19:30 Limit Group: MV - 8260B ICAL
Client ID: MW-12 Instrument ID: HP5973Q
Lims Batch ID: 71523 Lims Sample ID: 18
Operator ID: TRB
Column Type: ZB-624 Column Dia: 0.25 mm

57 Benzene

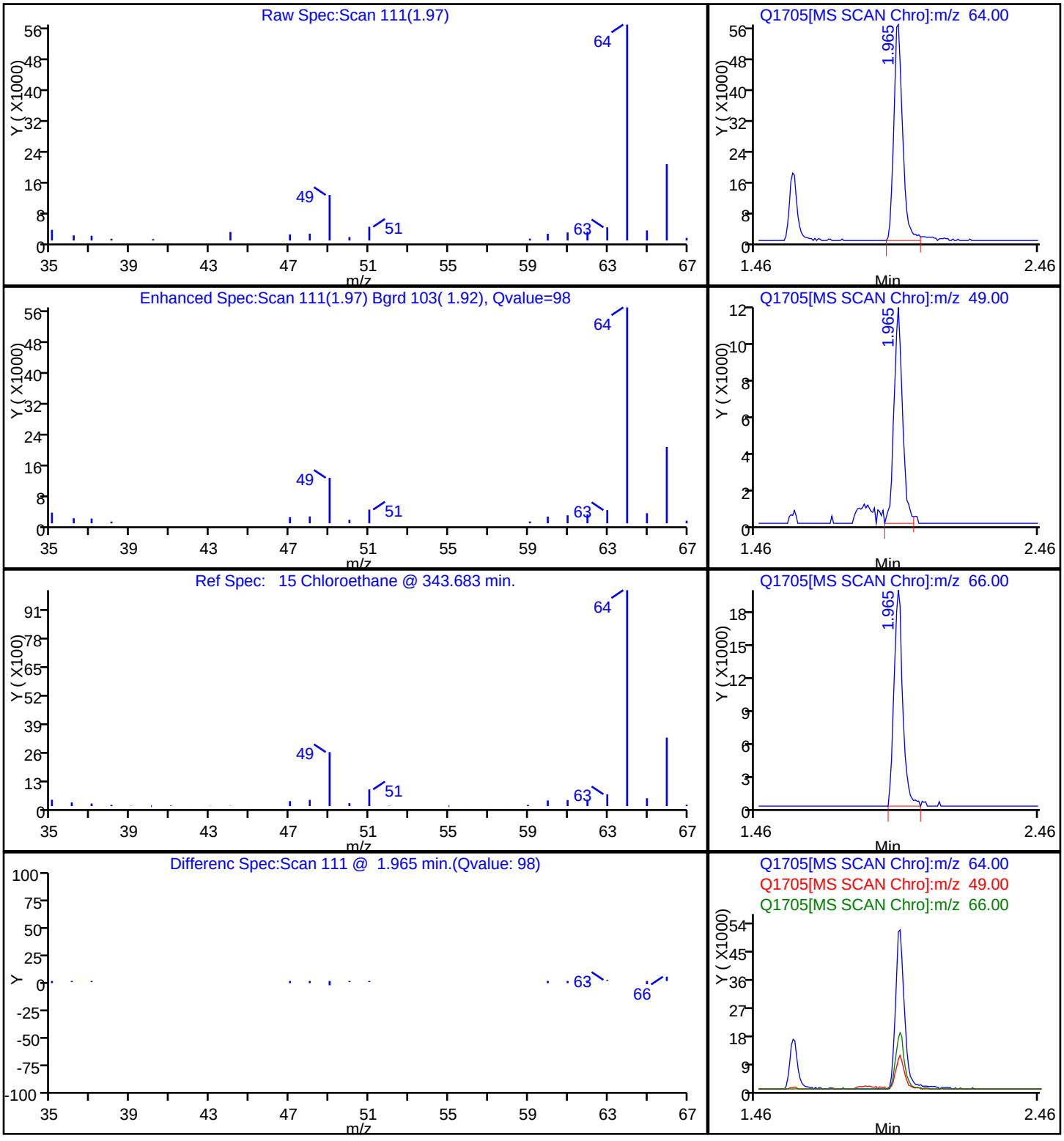


Report Date: 09-Jul-2012 17:44:37 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1705.D

Injection Date:	09-Jul-2012 17:19:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-12	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	18
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

15 Chloroethane



Report Date: 09-Jul-2012 17:44:37 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1705.D

Injection Date: 09-Jul-2012 17:19:30 Limit Group: MV - 8260B ICAL

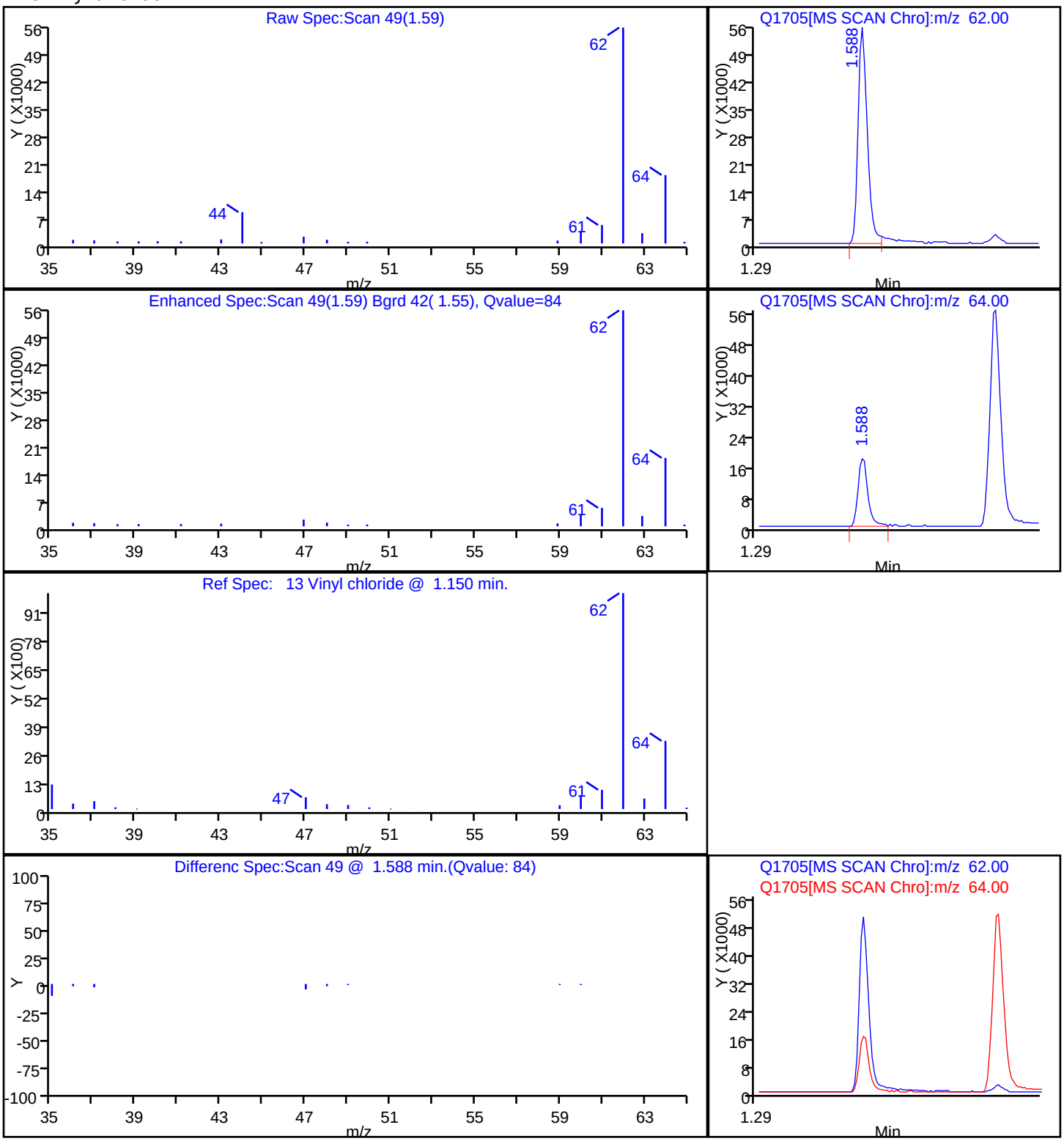
Client ID: MW-12 Instrument ID: HP5973Q

Lims Batch ID: 71523 Lims Sample ID: 18

Operator ID: TRB

Column Type: ZB-624 Column Dia: 0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-2 Lab Sample ID: 480-22187-4

Matrix: Ground Water Lab File ID: Q1706.D

Analysis Method: 8260B Date Collected: 07/05/2012 11:30

Sample wt/vol: 5(mL) Date Analyzed: 07/09/2012 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71523 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	6.3		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 480-22187-4

Matrix: Ground Water | Lab File ID: Q1706.D

Analysis Method: 8260B | Date Collected: 07/05/2012 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 17:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		66-137
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
2037-26-5	Toluene-d8 (Surr)	95		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1706.D		
Lims ID:	480-22187-A-4	Client ID:	MW-2
Inject. Date:	09-Jul-2012 17:47:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22187-A-4		
Misc. Info.:	480-0013225-019		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	19
Lims Batch ID:	71523	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: cwiklinc		Date:	09-Jul-2012 22:54:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.004	0.001	94	731023	25.0	
* 2 Chlorobenzene-d5	82	7.195	7.194	0.001	83	383929	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.056	9.056	0.0	94	372851	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.694	4.694	0.0	91	121994	22.7	
$ 5 Toluene-d8 (Surr)	98	6.088	6.087	0.001	92	912386	23.8	
$ 6 4-Bromofluorobenzene (Surr)	174	8.126	8.125	0.001	93	281308	23.7	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62		1.591					
14 Bromomethane	94		1.865					
15 Chloroethane	64	1.963	1.944	0.019	88	31922	6.25	
17 Trichlorofluoromethane	101		2.181					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.650					
23 Acetone	43	2.748	2.741	0.007	70	4672	1.86	
26 Carbon disulfide	76		2.826					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.289					
39 1,1-Dichloroethane	63		3.629					
45 cis-1,2-Dichloroethene	96		4.086					
43 2-Butanone (MEK)	43		4.098					
50 Chloroform	83		4.329					
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78		4.718					
58 1,2-Dichloroethane	62		4.749					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		5.369					
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.898					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.253					
111 1,3-Dichlorobenzene	146		9.001					
113 1,4-Dichlorobenzene	146		9.080					
116 1,2-Dichlorobenzene	146		9.384					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

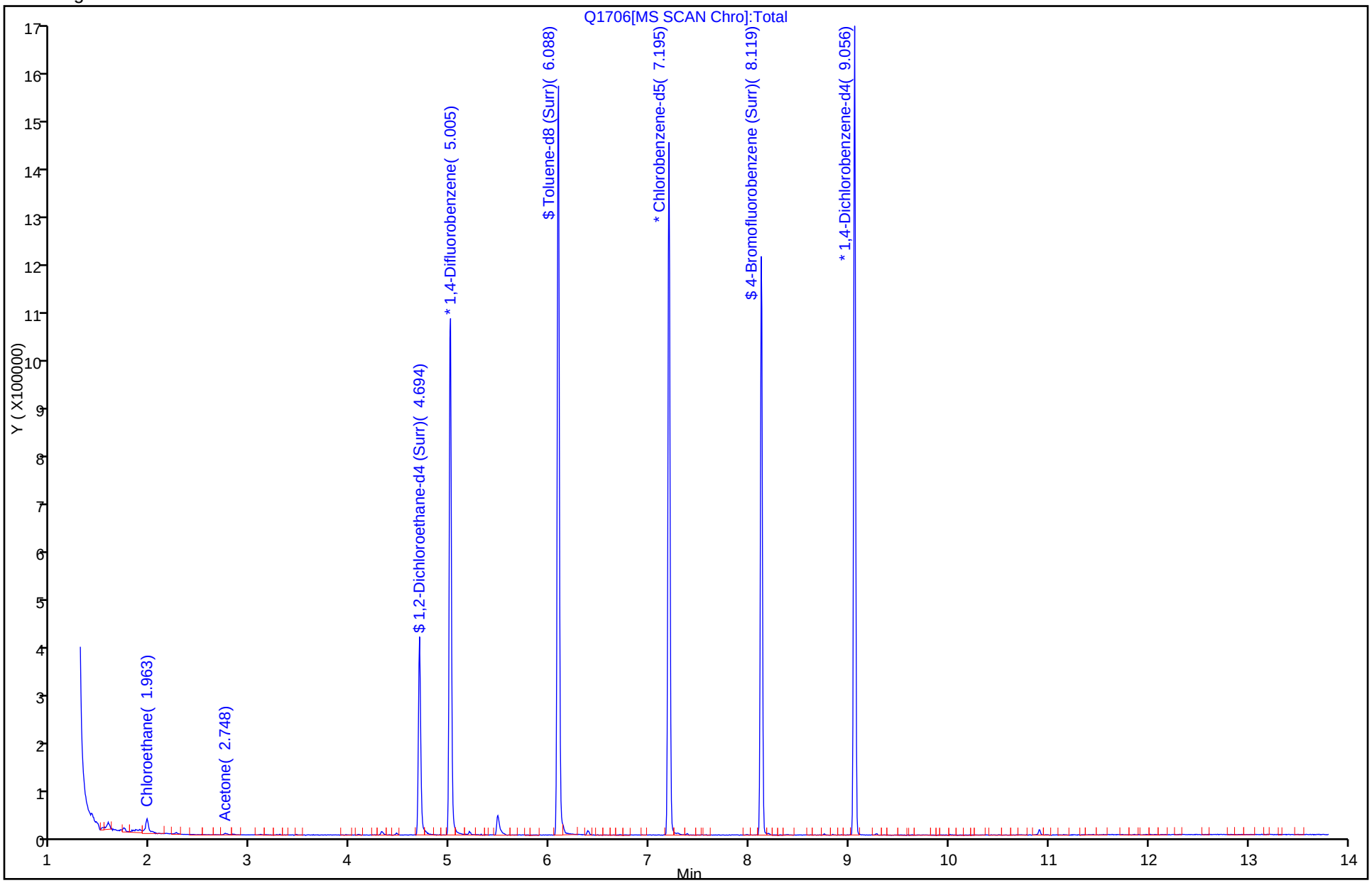
Processing Flags
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 22:54:52 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1706.D

Injection Date:	09-Jul-2012 17:47:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-2	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	19
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:

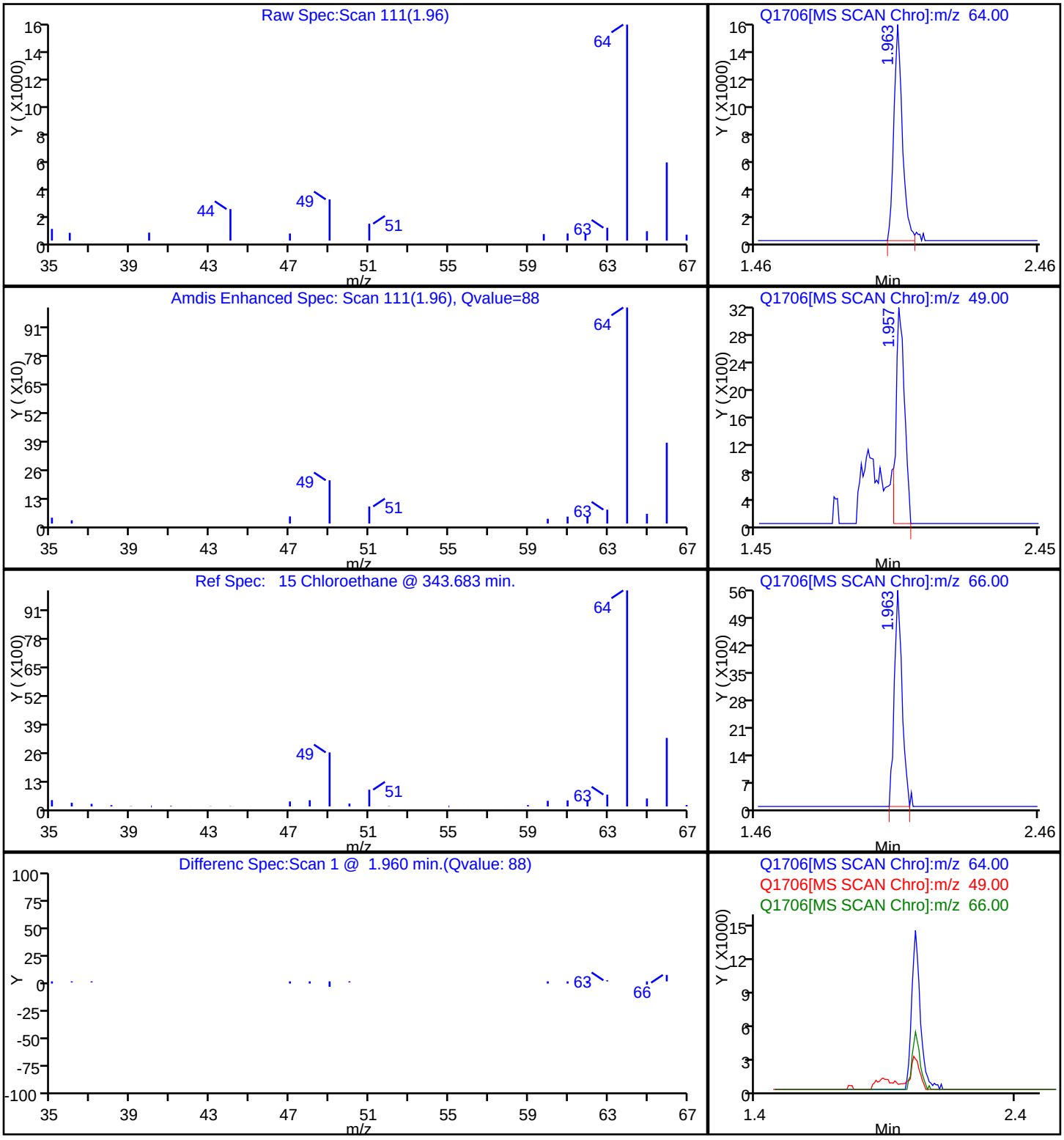


Report Date: 09-Jul-2012 22:54:52 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1706.D

Injection Date:	09-Jul-2012 17:47:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-2	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	19
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

15 Chloroethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 480-22187-5

Matrix: Ground Water | Lab File ID: Q1707.D

Analysis Method: 8260B | Date Collected: 07/05/2012 13:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 18:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	4.9		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	5.6		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	2.7		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 480-22187-5

Matrix: Ground Water | Lab File ID: Q1707.D

Analysis Method: 8260B | Date Collected: 07/05/2012 13:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 18:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	12		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		66-137
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
2037-26-5	Toluene-d8 (Surr)	88		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1707.D		
Lims ID:	480-22187-A-5	Client ID:	MW-3
Inject. Date:	09-Jul-2012 18:15:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22187-A-5		
Misc. Info.:	480-0013225-020		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	20
Lims Batch ID:	71523	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: cwiklinc		Date:	09-Jul-2012 22:55:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.004	5.004	0.0	94	737223	25.0	
* 2 Chlorobenzene-d5	82	7.194	7.194	0.0	86	402041	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.056	9.056	0.0	94	371918	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.694	4.694	0.0	91	141054	26.0	
$ 5 Toluene-d8 (Surr)	98	6.087	6.087	0.0	92	882446	22.0	
$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.125	0.0	92	292171	23.5	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62	1.597	1.591	0.006	83	165234	11.9	
14 Bromomethane	94		1.865					
15 Chloroethane	64	1.968	1.944	0.024	94	28739	5.58	
17 Trichlorofluoromethane	101		2.181					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.650					
23 Acetone	43		2.741					
26 Carbon disulfide	76		2.826					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.289					
39 1,1-Dichloroethane	63	3.635	3.629	0.006	81	76472	4.92	
45 cis-1,2-Dichloroethene	96	4.085	4.086	0.0	55	28760	2.72	
43 2-Butanone (MEK)	43		4.098					
50 Chloroform	83		4.329					
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78		4.718					
58 1,2-Dichloroethane	62		4.749					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		5.369					
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.898					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.253					
111 1,3-Dichlorobenzene	146		9.001					
113 1,4-Dichlorobenzene	146		9.080					
116 1,2-Dichlorobenzene	146		9.384					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

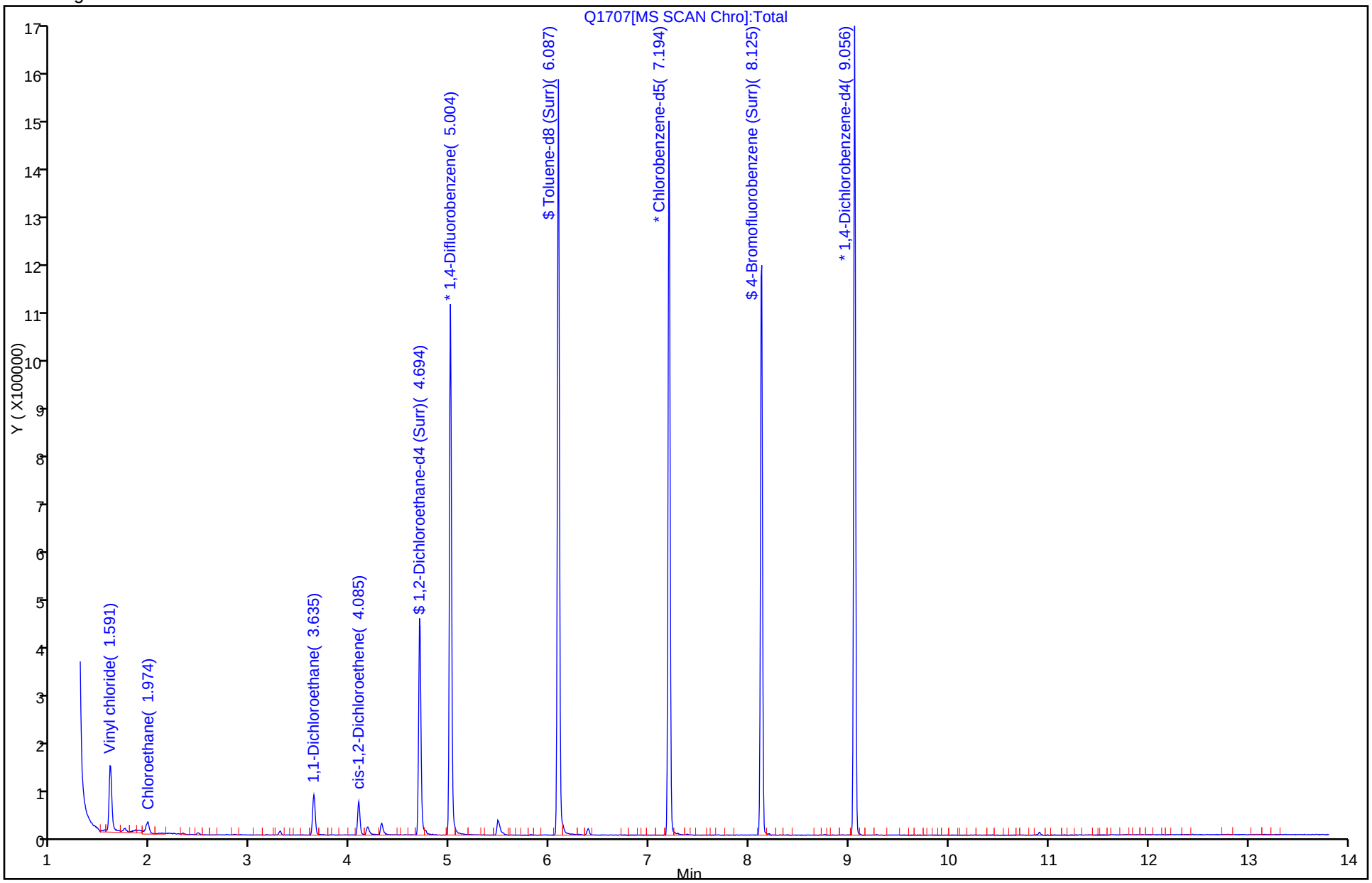
Processing Flags
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 22:55:10 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1707.D

Injection Date:	09-Jul-2012 18:15:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-3	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	20
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:

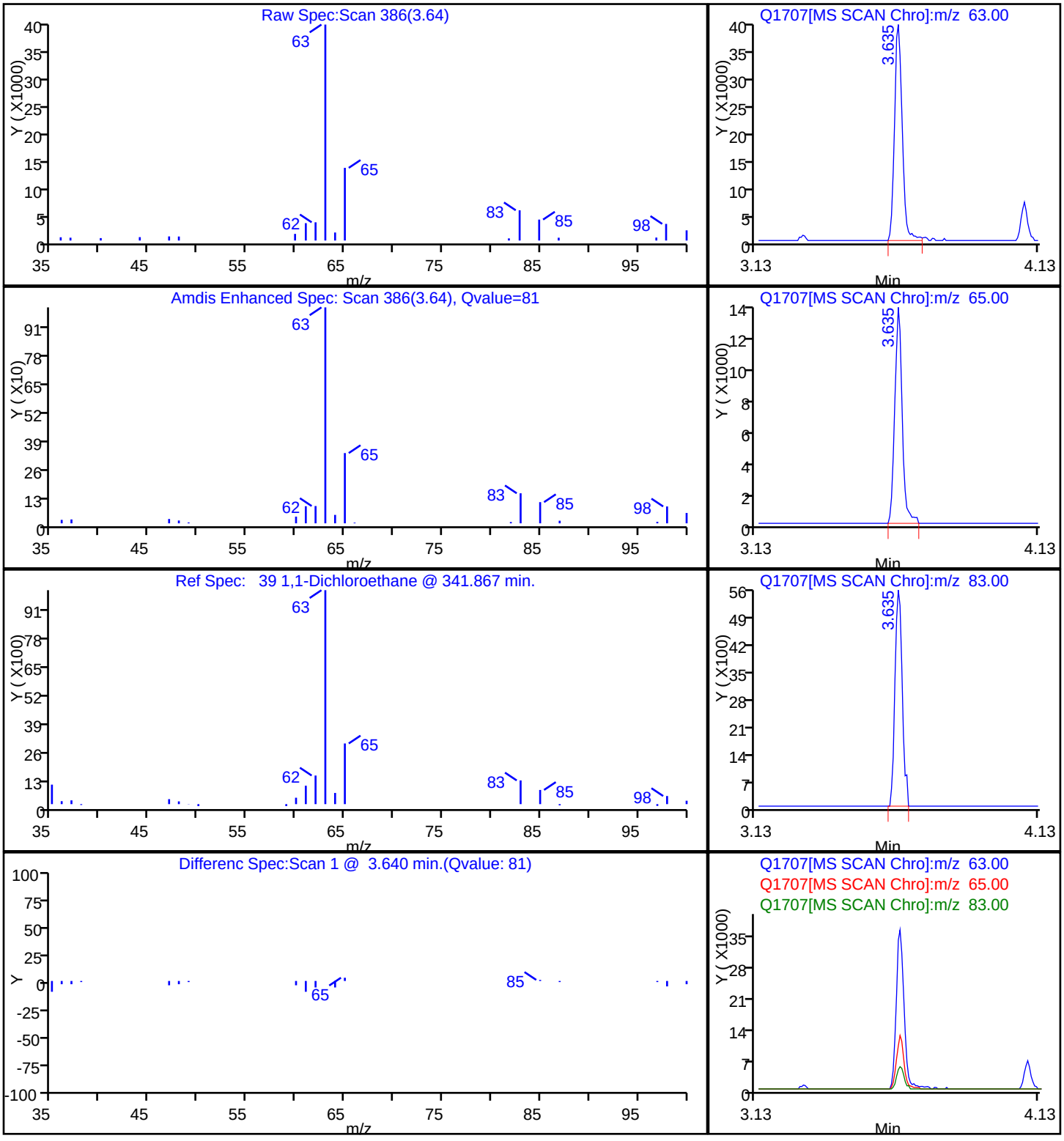


Report Date: 09-Jul-2012 22:55:10 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1707.D

Injection Date:	09-Jul-2012 18:15:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-3	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	20
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

39 1,1-Dichloroethane

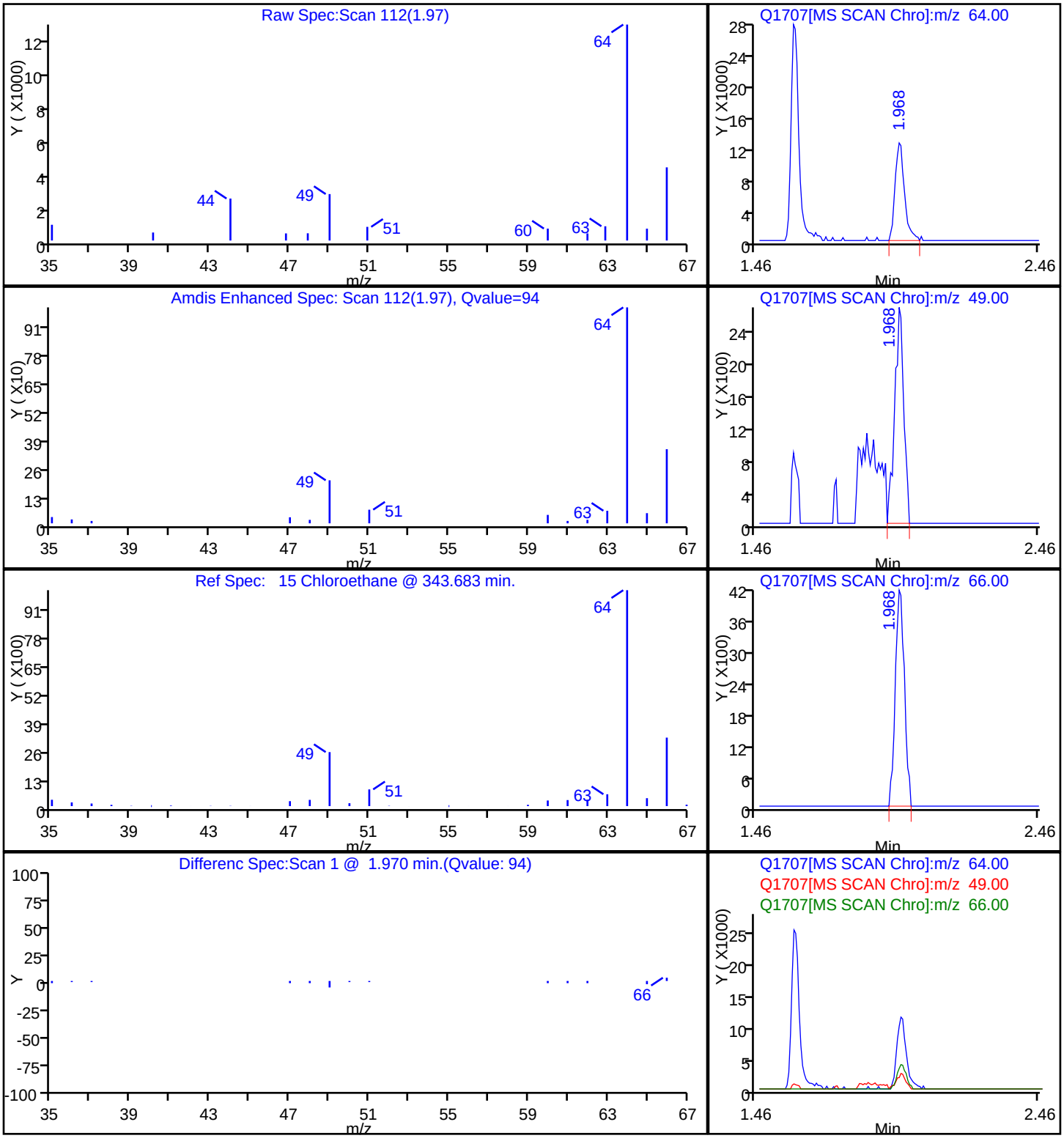


Report Date: 09-Jul-2012 22:55:10 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1707.D

Injection Date:	09-Jul-2012 18:15:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-3	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	20
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

15 Chloroethane

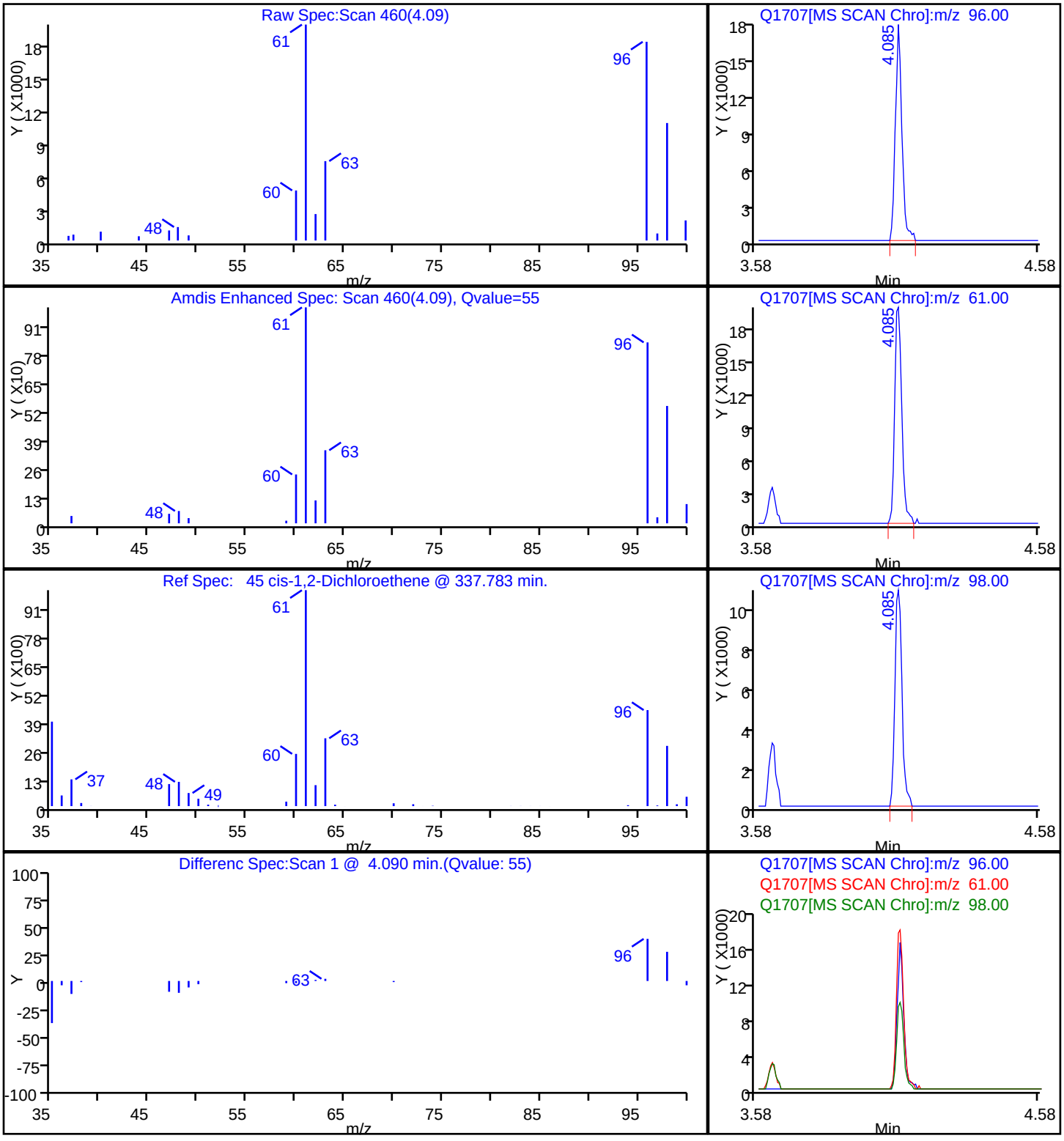


Report Date: 09-Jul-2012 22:55:10 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1707.D

Injection Date:	09-Jul-2012 18:15:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-3	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	20
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

45 cis-1,2-Dichloroethene

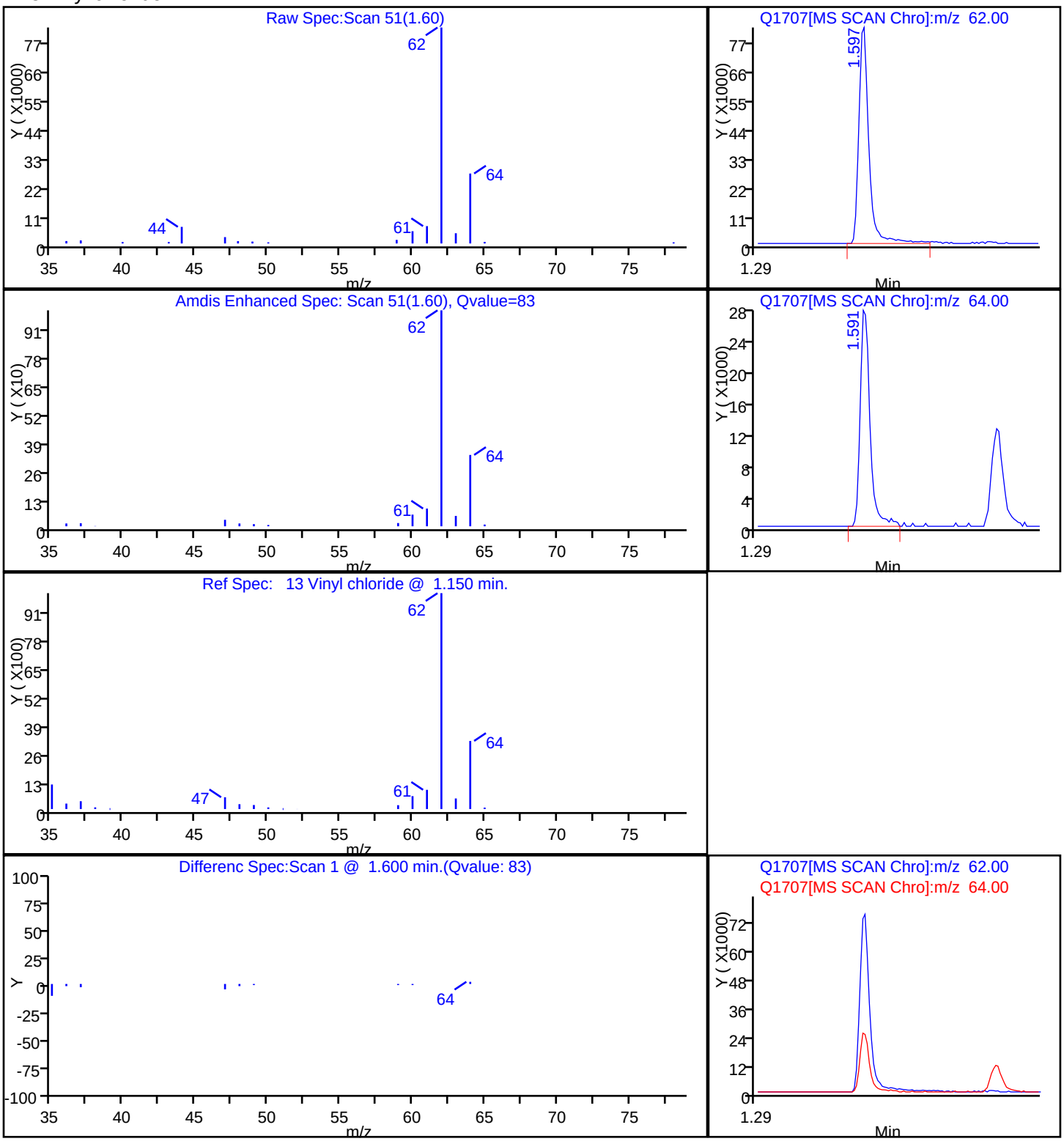


Report Date: 09-Jul-2012 22:55:10 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1707.D

Injection Date:	09-Jul-2012 18:15:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-3	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	20
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 480-22187-6

Matrix: Ground Water | Lab File ID: Q1708.D

Analysis Method: 8260B | Date Collected: 07/05/2012 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 18:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 480-22187-6

Matrix: Ground Water | Lab File ID: Q1708.D

Analysis Method: 8260B | Date Collected: 07/05/2012 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 18:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
2037-26-5	Toluene-d8 (Surr)	88		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1708.D		
Lims ID:	480-22187-A-6	Client ID:	MW-6
Inject. Date:	09-Jul-2012 18:43:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22187-A-6		
Misc. Info.:	480-0013225-021		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	21
Lims Batch ID:	71523	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		

First Level Reviewer: cwiklinc Date: 09-Jul-2012 22:55:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.004	5.004	0.0	94	714594	25.0	
* 2 Chlorobenzene-d5	82	7.194	7.194	0.0	86	337103	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.056	9.056	0.0	95	360018	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.694	4.694	0.0	99	133417	25.4	
$ 5 Toluene-d8 (Surr)	98	6.087	6.087	0.0	92	744883	22.1	
$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.125	0.0	93	272286	26.1	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62		1.591					
14 Bromomethane	94		1.865					
15 Chloroethane	64		1.944					
17 Trichlorofluoromethane	101		2.181					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.650					
23 Acetone	43		2.741					
26 Carbon disulfide	76		2.826					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.289					
39 1,1-Dichloroethane	63		3.629					
45 cis-1,2-Dichloroethene	96		4.086					
43 2-Butanone (MEK)	43		4.098					
50 Chloroform	83		4.329					
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78		4.718					
58 1,2-Dichloroethane	62		4.749					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		5.369					
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.898					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.253					
111 1,3-Dichlorobenzene	146		9.001					
113 1,4-Dichlorobenzene	146		9.080					
116 1,2-Dichlorobenzene	146		9.384					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

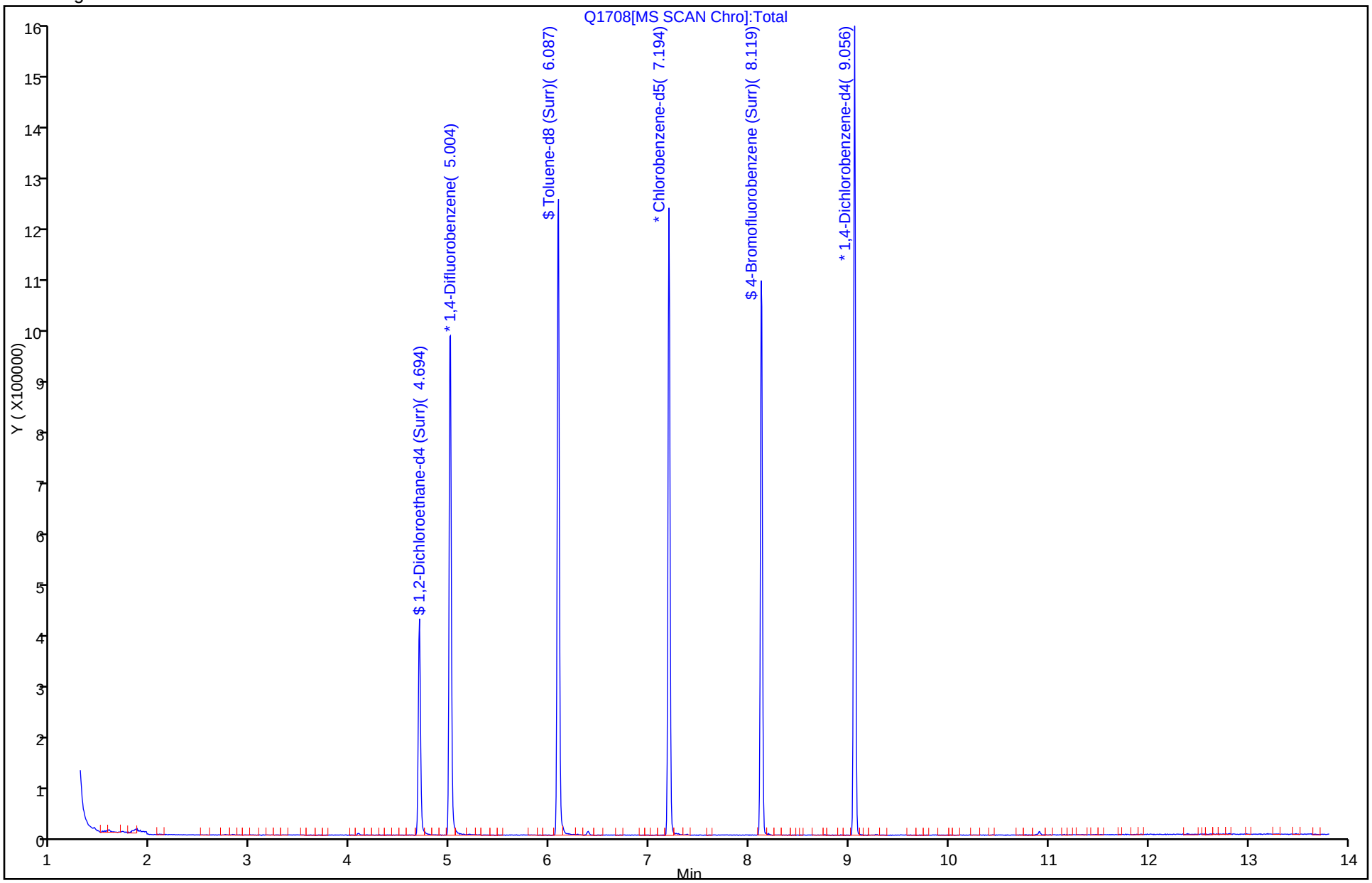
Processing Flags
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 22:55:20 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1708.D

Injection Date:	09-Jul-2012 18:43:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-6	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	21
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 480-22187-7

Matrix: Water | Lab File ID: Q1709.D

Analysis Method: 8260B | Date Collected: 07/05/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 19:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 480-22187-7

Matrix: Water | Lab File ID: Q1709.D

Analysis Method: 8260B | Date Collected: 07/05/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 19:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		66-137
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
2037-26-5	Toluene-d8 (Surr)	89		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1709.D		
Lims ID:	480-22187-A-7	Client ID:	Trip Blank
Inject. Date:	09-Jul-2012 19:11:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22187-A-7		
Misc. Info.:	480-0013225-022		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	22
Lims Batch ID:	71523	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: cwiklinc		Date:	09-Jul-2012 22:55:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.000	5.004	-0.004	94	646180	25.0	
* 2 Chlorobenzene-d5	82	7.196	7.194	0.002	83	371657	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.058	9.056	0.002	95	355211	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.690	4.694	-0.004	92	122337	25.8	
$ 5 Toluene-d8 (Surr)	98	6.083	6.087	-0.004	92	826125	22.2	
$ 6 4-Bromofluorobenzene (Surr)	174	8.121	8.125	-0.004	89	275245	23.9	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62		1.591					
14 Bromomethane	94		1.865					
15 Chloroethane	64		1.944					
17 Trichlorofluoromethane	101		2.181					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.650					
23 Acetone	43		2.741					
26 Carbon disulfide	76		2.826					
27 Methyl acetate	43		3.003					
30 Methylene Chloride	84		3.082					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.289					
39 1,1-Dichloroethane	63		3.629					
45 cis-1,2-Dichloroethene	96		4.086					
43 2-Butanone (MEK)	43		4.098					
50 Chloroform	83		4.329					
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
55 Carbon tetrachloride	117		4.560					
57 Benzene	78		4.718					
58 1,2-Dichloroethane	62		4.749					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		5.369					
68 Dichlorobromomethane	83		5.582					
72 cis-1,3-Dichloropropene	75		5.898					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
97 1,1,2,2-Tetrachloroethane	83		8.253					
111 1,3-Dichlorobenzene	146		9.001					
113 1,4-Dichlorobenzene	146		9.080					
116 1,2-Dichlorobenzene	146		9.384					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

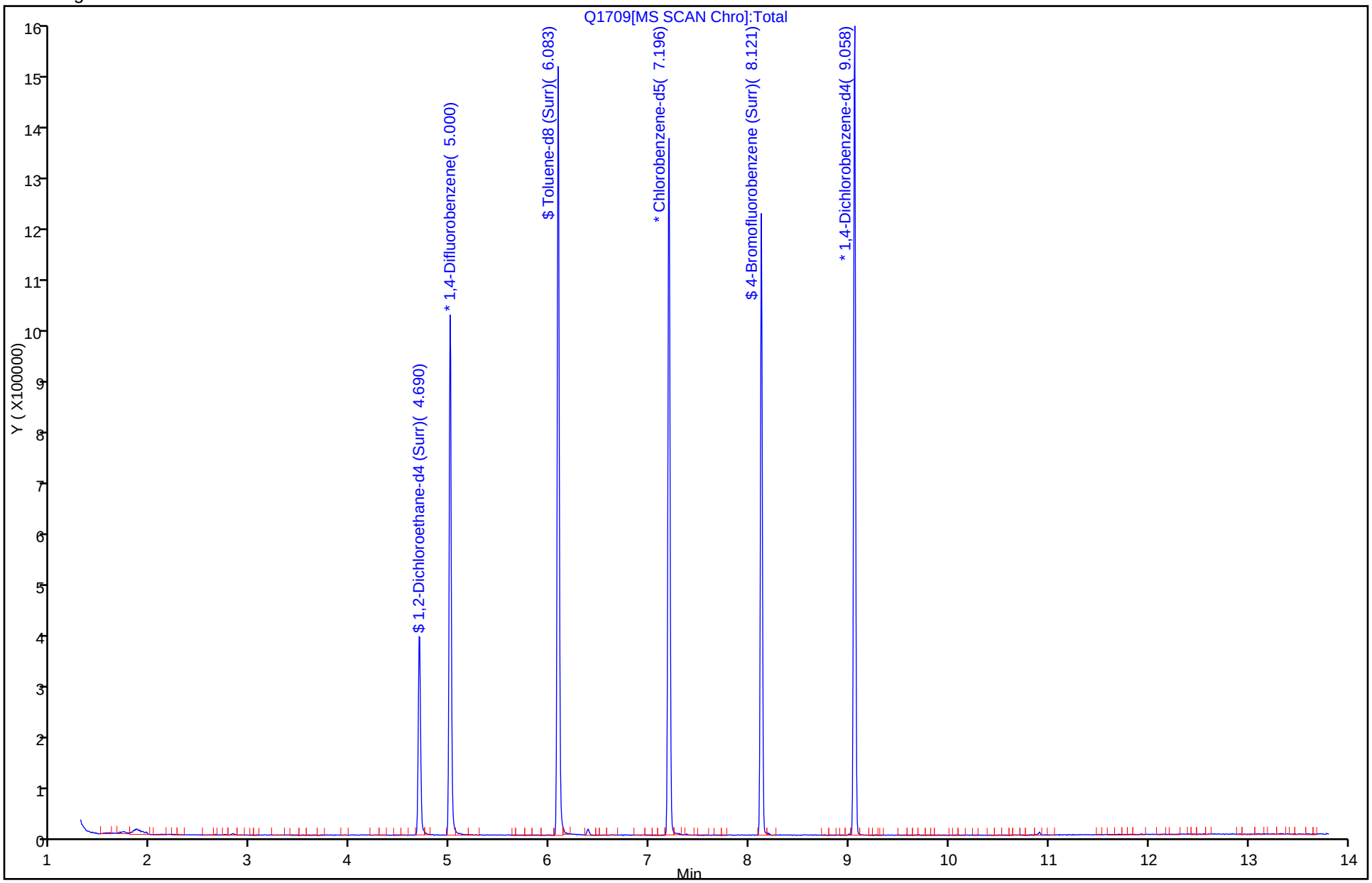
Processing Flags
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 22:55:31 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1709.D

Injection Date:	09-Jul-2012 19:11:30	Limit Group:	MV - 8260B ICAL
Client ID:	Trip Blank	Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	22
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: Duplicate | Lab Sample ID: 480-22257-1

Matrix: Water | Lab File ID: G12949.D

Analysis Method: 8260B | Date Collected: 07/06/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 15:36

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1000	820
79-34-5	1,1,2,2-Tetrachloroethane	ND		1000	210
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1000	310
79-00-5	1,1,2-Trichloroethane	ND		1000	230
75-34-3	1,1-Dichloroethane	1100		1000	380
75-35-4	1,1-Dichloroethene	ND		1000	290
120-82-1	1,2,4-Trichlorobenzene	ND		1000	410
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1000	390
106-93-4	1,2-Dibromoethane	ND		1000	730
95-50-1	1,2-Dichlorobenzene	ND		1000	790
107-06-2	1,2-Dichloroethane	ND		1000	210
78-87-5	1,2-Dichloropropane	ND		1000	720
541-73-1	1,3-Dichlorobenzene	ND		1000	780
106-46-7	1,4-Dichlorobenzene	ND		1000	840
78-93-3	2-Butanone (MEK)	ND		10000	1300
591-78-6	2-Hexanone	ND		5000	1200
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5000	2100
67-64-1	Acetone	ND		10000	3000
71-43-2	Benzene	ND		1000	410
75-27-4	Bromodichloromethane	ND		1000	390
75-25-2	Bromoform	ND		1000	260
74-83-9	Bromomethane	ND		1000	690
75-15-0	Carbon disulfide	ND		1000	190
56-23-5	Carbon tetrachloride	ND		1000	270
108-90-7	Chlorobenzene	ND		1000	750
75-00-3	Chloroethane	ND		1000	320
67-66-3	Chloroform	ND		1000	340
74-87-3	Chloromethane	ND		1000	350
156-59-2	cis-1,2-Dichloroethene	80000		1000	810
10061-01-5	cis-1,3-Dichloropropene	ND		1000	360
110-82-7	Cyclohexane	ND		1000	180
124-48-1	Dibromochloromethane	ND		1000	320
75-71-8	Dichlorodifluoromethane	ND		1000	680
100-41-4	Ethylbenzene	ND		1000	740
98-82-8	Isopropylbenzene	ND		1000	790

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: Duplicate | Lab Sample ID: 480-22257-1

Matrix: Water | Lab File ID: G12949.D

Analysis Method: 8260B | Date Collected: 07/06/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 15:36

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1000	500
1634-04-4	Methyl tert-butyl ether	ND		1000	160
108-87-2	Methylcyclohexane	ND		1000	160
75-09-2	Methylene Chloride	ND		1000	440
100-42-5	Styrene	ND		1000	730
127-18-4	Tetrachloroethene	ND		1000	360
108-88-3	Toluene	ND		1000	510
156-60-5	trans-1,2-Dichloroethene	ND		1000	900
10061-02-6	trans-1,3-Dichloropropene	ND		1000	370
79-01-6	Trichloroethene	15000		1000	460
75-69-4	Trichlorofluoromethane	ND		1000	880
75-01-4	Vinyl chloride	5500		1000	900
1330-20-7	Xylenes, Total	ND		2000	660

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		66-137
460-00-4	4-Bromofluorobenzene (Surr)	108		73-120
2037-26-5	Toluene-d8 (Surr)	111		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12949.D
Lims ID: 480-22257-B-1 Client ID: Duplicate
Inject. Date: 11-Jul-2012 15:36:30 Dil. Factor: 1000.0000
Sample Type: Client
Sample ID: 480-22257-B-1
Misc. Info.: 480-0013302-012 =480-0013302-012
Operator: LH Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 6
Lims Batch ID: 71947 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G-8260.m
Last Update: 11-Jul-2012 21:51:54 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: larsonr Date: 11-Jul-2012 21:53:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	299131	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	87	151044	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	96	142455	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.350	0.006	0	64455	28.4	
$ 5 Toluene-d8 (Surr)	98	7.148	7.148	0.0	93	370257	27.8	
$ 6 4-Bromofluorobenzene (Surr)	174	9.873	9.873	0.0	86	107451	27.0	
10 Dichlorodifluoromethane	85		1.448					
12 Chloromethane	50		1.619					
13 Vinyl chloride	62	1.723	1.723	0.0	79	22870	5.51	
14 Bromomethane	94		2.076					
15 Chloroethane	64		2.168					
17 Trichlorofluoromethane	101		2.381					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.899					
20 1,1-Dichloroethene	96		2.905					
22 Acetone	43		2.985					
24 Carbon disulfide	76		3.113					
28 Methyl acetate	43		3.283					
29 Methylene Chloride	84		3.436					
31 Methyl tert-butyl ether	73		3.613					
32 trans-1,2-Dichloroethene	96	3.631	3.619	0.012	54	2207	0.5328	
36 1,1-Dichloroethane	63	4.033	4.027	0.006	54	7533	1.05	
43 cis-1,2-Dichloroethene	96	4.582	4.582	0.0	72	311520	80.2	
44 2-Butanone (MEK)	43		4.612					
50 Chloroform	85		4.887					
51 1,1,1-Trichloroethane	97		5.021					
52 Cyclohexane	56		5.039					
53 Carbon tetrachloride	117		5.161					
56 Benzene	78		5.368					
57 1,2-Dichloroethane	62		5.423					
61 Trichloroethene	95	5.984	5.984	0.0	93	55342	15.0	
62 Methylcyclohexane	83		6.118					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.216					
67 Dichlorobromomethane	83		6.496					
72 cis-1,3-Dichloropropene	75		6.917					
73 4-Methyl-2-pentanone (MIBK)	43		7.057					
74 Toluene	92		7.215					
76 trans-1,3-Dichloropropene	75		7.478					
79 1,1,2-Trichloroethane	83		7.667					
80 Tetrachloroethene	166		7.758					
82 2-Hexanone	43		7.898					
83 Chlorodibromomethane	129		8.069					
84 Ethylene Dibromide	107		8.179					
86 Chlorobenzene	112		8.660					
89 Ethylbenzene	91		8.758					
90 m-Xylene & p-Xylene	106		8.880					
91 o-Xylene	106		9.307					
92 Styrene	104		9.331					
93 Bromoform	173		9.569					
95 Isopropylbenzene	105		9.685					
98 1,1,2,2-Tetrachloroethane	83		10.056					
110 1,3-Dichlorobenzene	146		10.940					
113 1,4-Dichlorobenzene	146		11.020					
116 1,2-Dichlorobenzene	146		11.373					
117 1,2-Dibromo-3-Chloropropane	75		12.086					
119 1,2,4-Trichlorobenzene	180		12.775					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

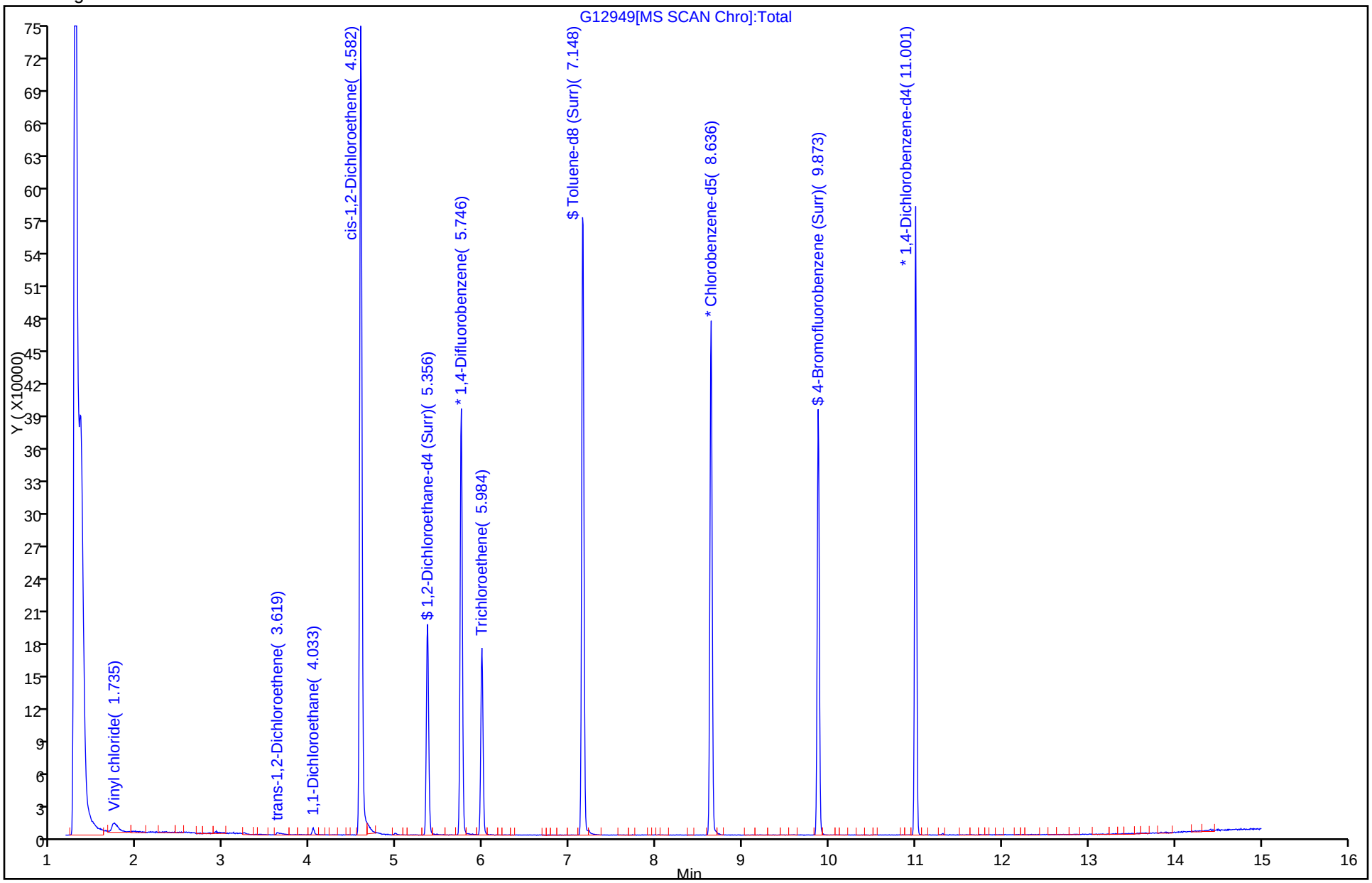
Processing Flags
7 - Failed Limit of Detection

Report Date: 11-Jul-2012 21:53:56 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12949.D

Injection Date:	11-Jul-2012 15:36:30	Limit Group:	MV - 8260B ICAL
Client ID:	Duplicate	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	12
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:

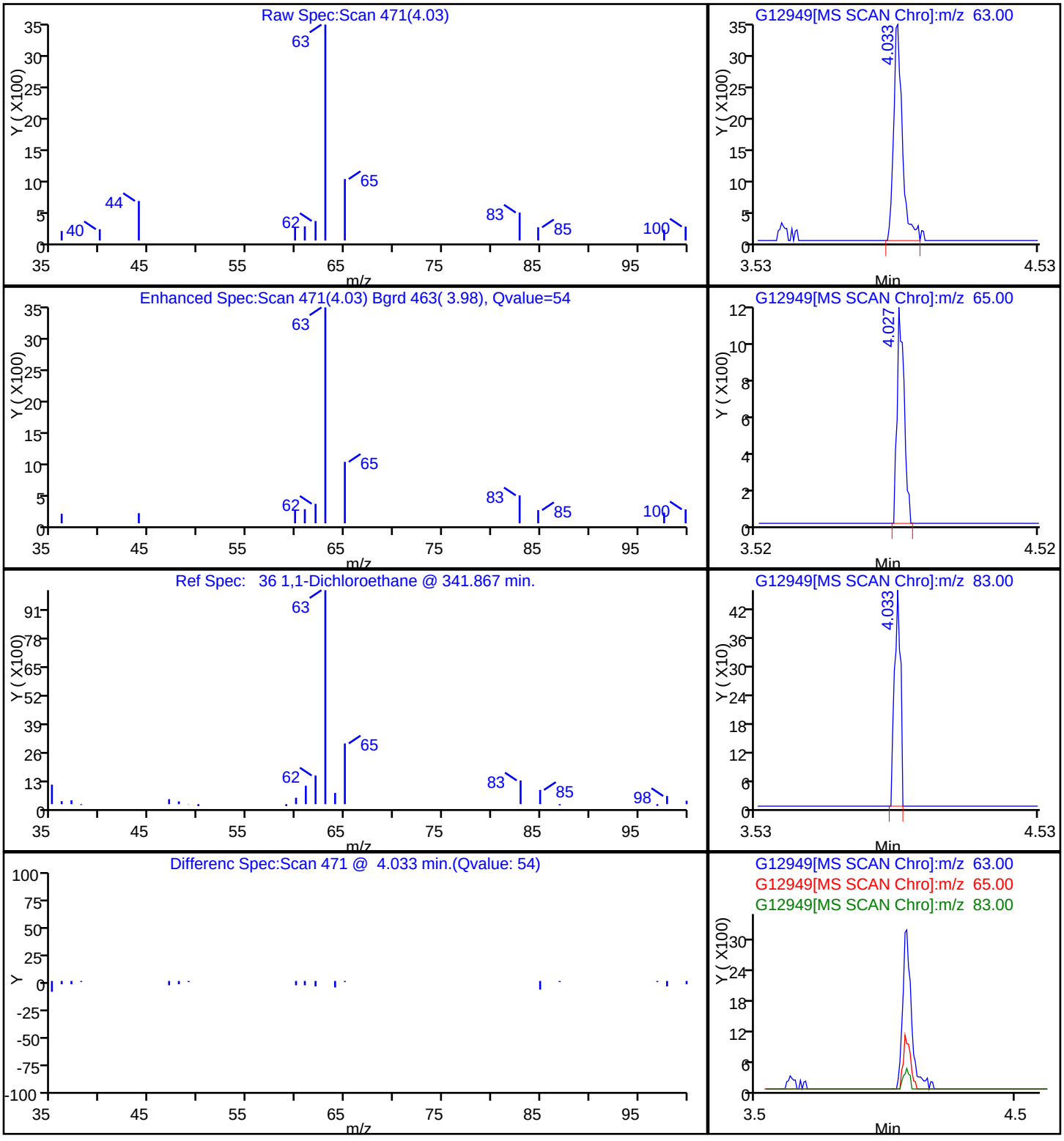


Report Date: 11-Jul-2012 21:53:56 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12949.D

Injection Date:	11-Jul-2012 15:36:30	Limit Group:	MV - 8260B ICAL
Client ID:	Duplicate	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	12
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

36 1,1-Dichloroethane

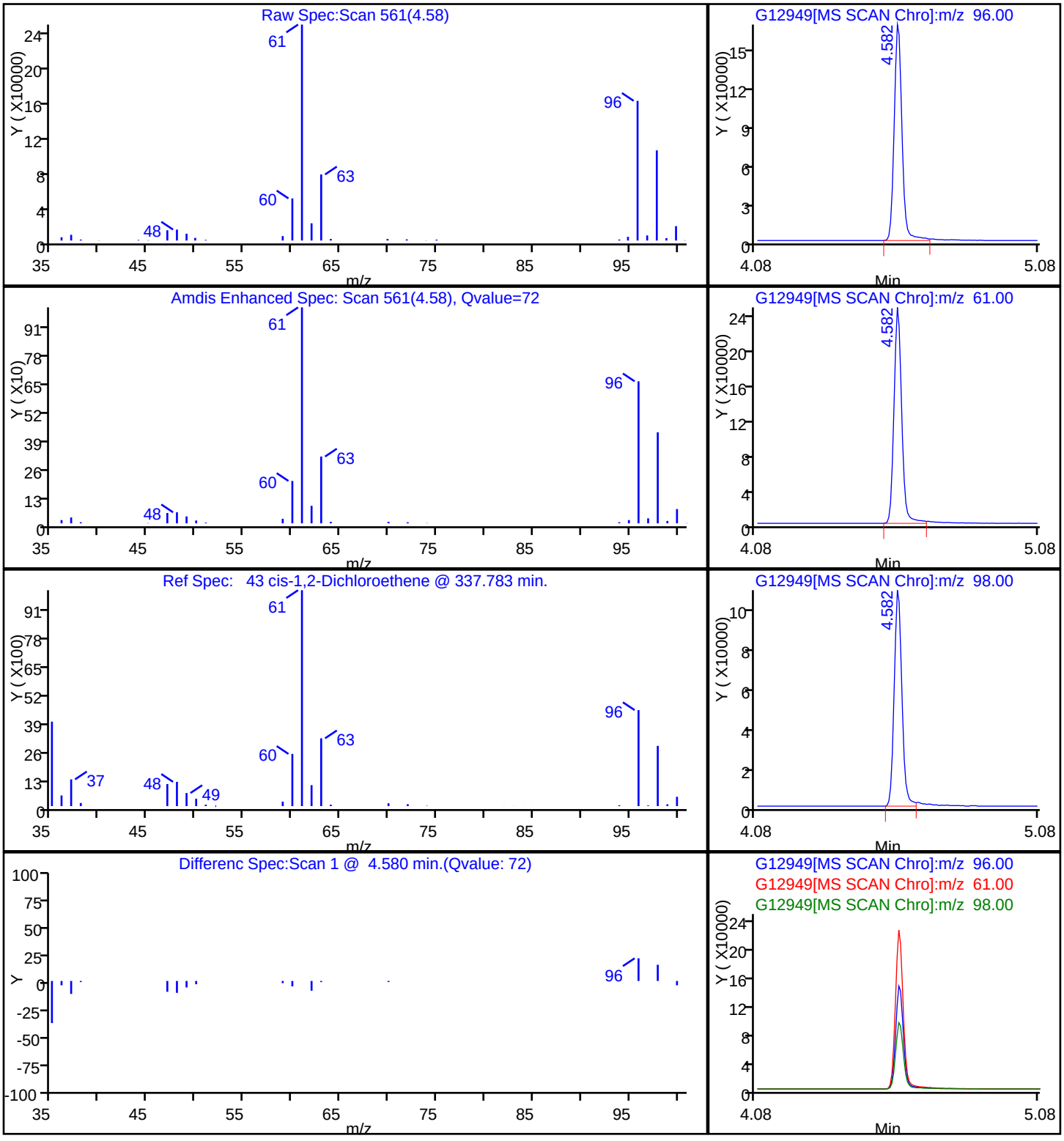


Report Date: 11-Jul-2012 21:53:56 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12949.D

Injection Date:	11-Jul-2012 15:36:30	Limit Group:	MV - 8260B ICAL
Client ID:	Duplicate	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	12
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

43 cis-1,2-Dichloroethene

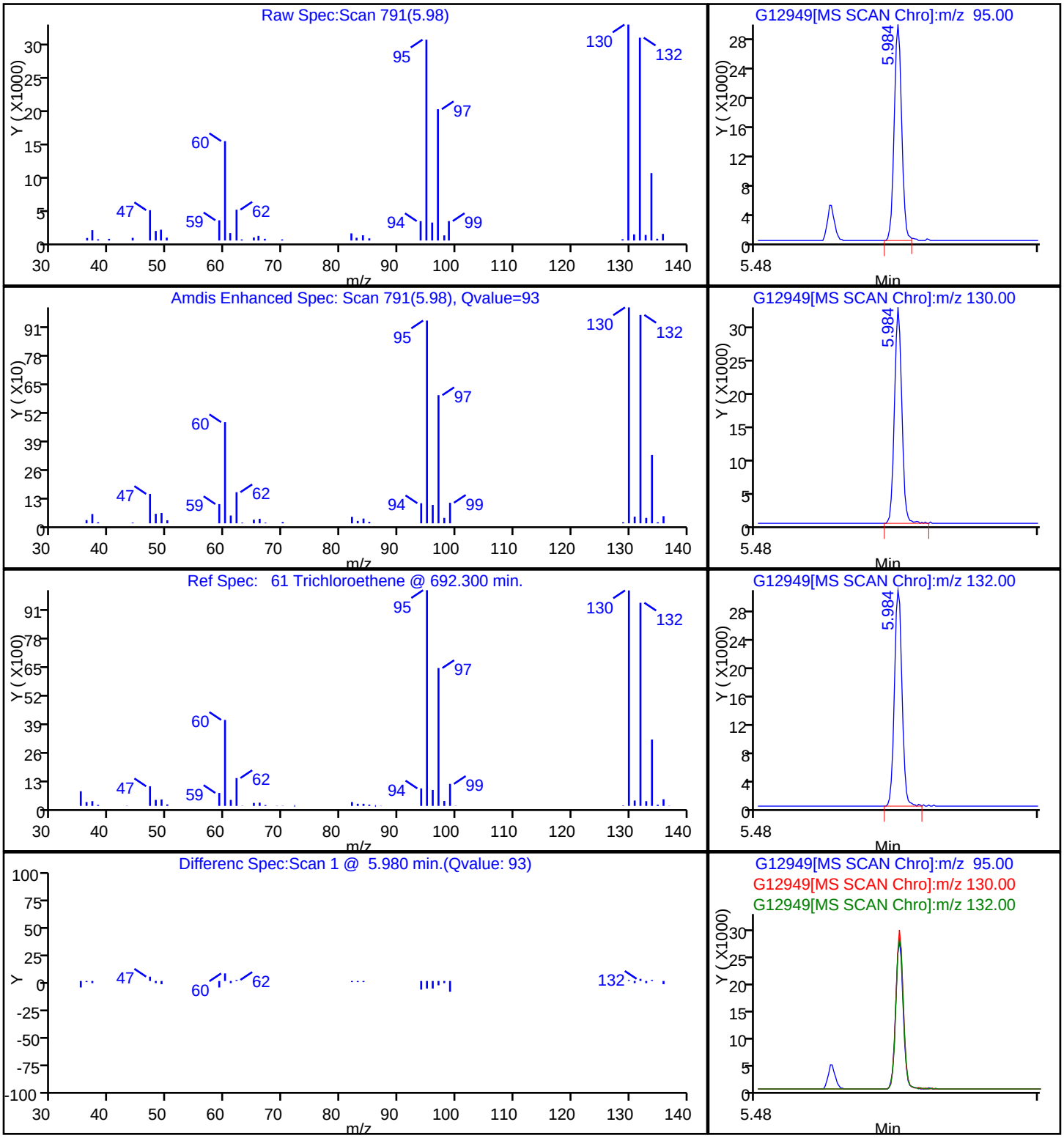


Report Date: 11-Jul-2012 21:53:56 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12949.D

Injection Date:	11-Jul-2012 15:36:30	Limit Group:	MV - 8260B ICAL
Client ID:	Duplicate	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	12
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

61 Trichloroethene

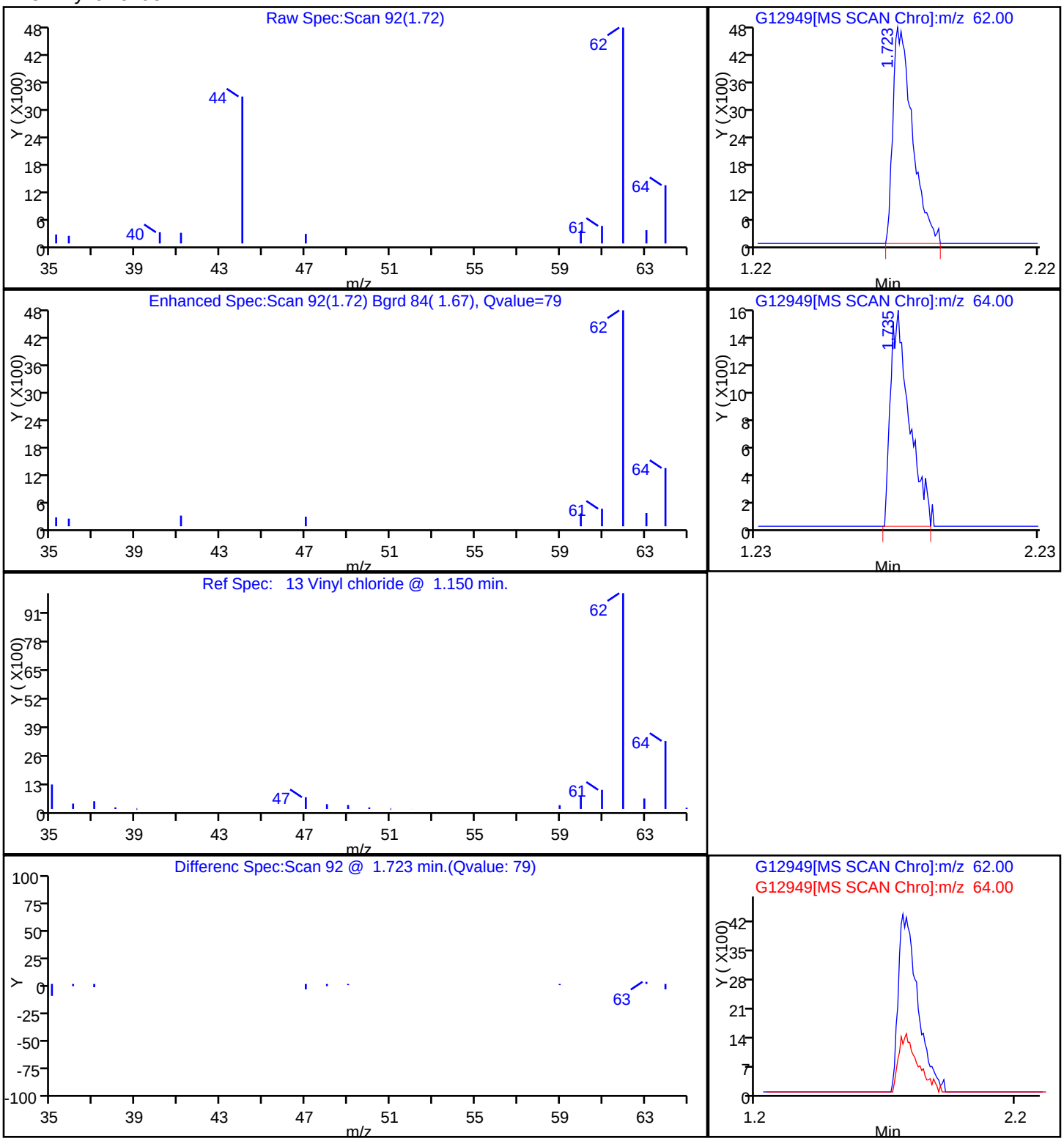


Report Date: 11-Jul-2012 21:53:56 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12949.D

Injection Date:	11-Jul-2012 15:36:30	Limit Group:	MV - 8260B ICAL
Client ID:	Duplicate	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	12
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-16S | Lab Sample ID: 480-22257-2

Matrix: Ground Water | Lab File ID: G12950.D

Analysis Method: 8260B | Date Collected: 07/06/2012 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 15:59

Soil Aliquot Vol: | Dilution Factor: 2000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2400		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		2000	620
79-00-5	1,1,2-Trichloroethane	ND		2000	460
75-34-3	1,1-Dichloroethane	1200	J	2000	760
75-35-4	1,1-Dichloroethene	ND		2000	580
120-82-1	1,2,4-Trichlorobenzene	ND		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2000	780
106-93-4	1,2-Dibromoethane	ND		2000	1500
95-50-1	1,2-Dichlorobenzene	ND		2000	1600
107-06-2	1,2-Dichloroethane	ND		2000	420
78-87-5	1,2-Dichloropropane	ND		2000	1400
541-73-1	1,3-Dichlorobenzene	ND		2000	1600
106-46-7	1,4-Dichlorobenzene	ND		2000	1700
78-93-3	2-Butanone (MEK)	ND		20000	2600
591-78-6	2-Hexanone	ND		10000	2500
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	ND		2000	820
75-27-4	Bromodichloromethane	ND		2000	780
75-25-2	Bromoform	ND		2000	520
74-83-9	Bromomethane	ND		2000	1400
75-15-0	Carbon disulfide	ND		2000	380
56-23-5	Carbon tetrachloride	ND		2000	540
108-90-7	Chlorobenzene	ND		2000	1500
75-00-3	Chloroethane	ND		2000	640
67-66-3	Chloroform	ND		2000	680
74-87-3	Chloromethane	ND		2000	700
156-59-2	cis-1,2-Dichloroethene	72000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
124-48-1	Dibromochloromethane	ND		2000	640
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	ND		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-16S | Lab Sample ID: 480-22257-2

Matrix: Ground Water | Lab File ID: G12950.D

Analysis Method: 8260B | Date Collected: 07/06/2012 10:05

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 15:59

Soil Aliquot Vol: | Dilution Factor: 2000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2000	1000
1634-04-4	Methyl tert-butyl ether	ND		2000	320
108-87-2	Methylcyclohexane	ND		2000	320
75-09-2	Methylene Chloride	ND		2000	880
100-42-5	Styrene	ND		2000	1500
127-18-4	Tetrachloroethene	ND		2000	720
108-88-3	Toluene	ND		2000	1000
156-60-5	trans-1,2-Dichloroethene	ND		2000	1800
10061-02-6	trans-1,3-Dichloropropene	ND		2000	740
79-01-6	Trichloroethene	170000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	3900		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
2037-26-5	Toluene-d8 (Surr)	109		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12950.D
Lims ID: 480-22257-A-2 Client ID: MW-16S
Inject. Date: 11-Jul-2012 15:59:30 Dil. Factor: 2000.0000
Sample Type: Client
Sample ID: 480-22257-A-2
Misc. Info.: 480-0013302-013 =480-0013302-013
Operator: LH Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 7
Lims Batch ID: 71947 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G-8260.m
Last Update: 11-Jul-2012 21:51:54 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: larsonr Date: 11-Jul-2012 21:54:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	300593	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	87	150938	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	96	142653	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.350	0.006	0	64399	28.2	
$ 5 Toluene-d8 (Surr)	98	7.154	7.148	0.006	93	362238	27.2	
$ 6 4-Bromofluorobenzene (Surr)	174	9.873	9.873	0.0	86	103983	26.1	
10 Dichlorodifluoromethane	85		1.448					
12 Chloromethane	50		1.619					
13 Vinyl chloride	62	1.729	1.723	0.006	39	8161	1.96	
14 Bromomethane	94		2.076					
15 Chloroethane	64		2.168					
17 Trichlorofluoromethane	101		2.381					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.899					
20 1,1-Dichloroethene	96		2.905					
22 Acetone	43		2.985					
24 Carbon disulfide	76		3.113					
28 Methyl acetate	43		3.283					
29 Methylene Chloride	84		3.436					
31 Methyl tert-butyl ether	73		3.613					
32 trans-1,2-Dichloroethene	96		3.619					
36 1,1-Dichloroethane	63	4.027	4.027	0.0	38	4374	0.6093	
43 cis-1,2-Dichloroethene	96	4.582	4.582	0.0	72	139709	35.8	
44 2-Butanone (MEK)	43		4.612					
50 Chloroform	85		4.887					
51 1,1,1-Trichloroethane	97	5.021	5.021	0.0	69	4750	1.22	
52 Cyclohexane	56		5.039					
53 Carbon tetrachloride	117		5.161					
56 Benzene	78		5.368					
57 1,2-Dichloroethane	62		5.423					
61 Trichloroethene	95	5.984	5.984	0.0	93	319116	86.3	
62 Methylcyclohexane	83		6.118					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.216					
67 Dichlorobromomethane	83		6.496					
72 cis-1,3-Dichloropropene	75		6.917					
73 4-Methyl-2-pentanone (MIBK)	43		7.057					
74 Toluene	92		7.215					
76 trans-1,3-Dichloropropene	75		7.478					
79 1,1,2-Trichloroethane	83		7.667					
80 Tetrachloroethene	166		7.758					
82 2-Hexanone	43		7.898					
83 Chlorodibromomethane	129		8.069					
84 Ethylene Dibromide	107		8.179					
86 Chlorobenzene	112		8.660					
89 Ethylbenzene	91		8.758					
90 m-Xylene & p-Xylene	106		8.880					
91 o-Xylene	106		9.307					
92 Styrene	104		9.331					
93 Bromoform	173		9.569					
95 Isopropylbenzene	105		9.685					
98 1,1,2,2-Tetrachloroethane	83		10.056					
110 1,3-Dichlorobenzene	146		10.940					
113 1,4-Dichlorobenzene	146		11.020					
116 1,2-Dichlorobenzene	146		11.373					
117 1,2-Dibromo-3-Chloropropane	75		12.086					
119 1,2,4-Trichlorobenzene	180		12.775					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

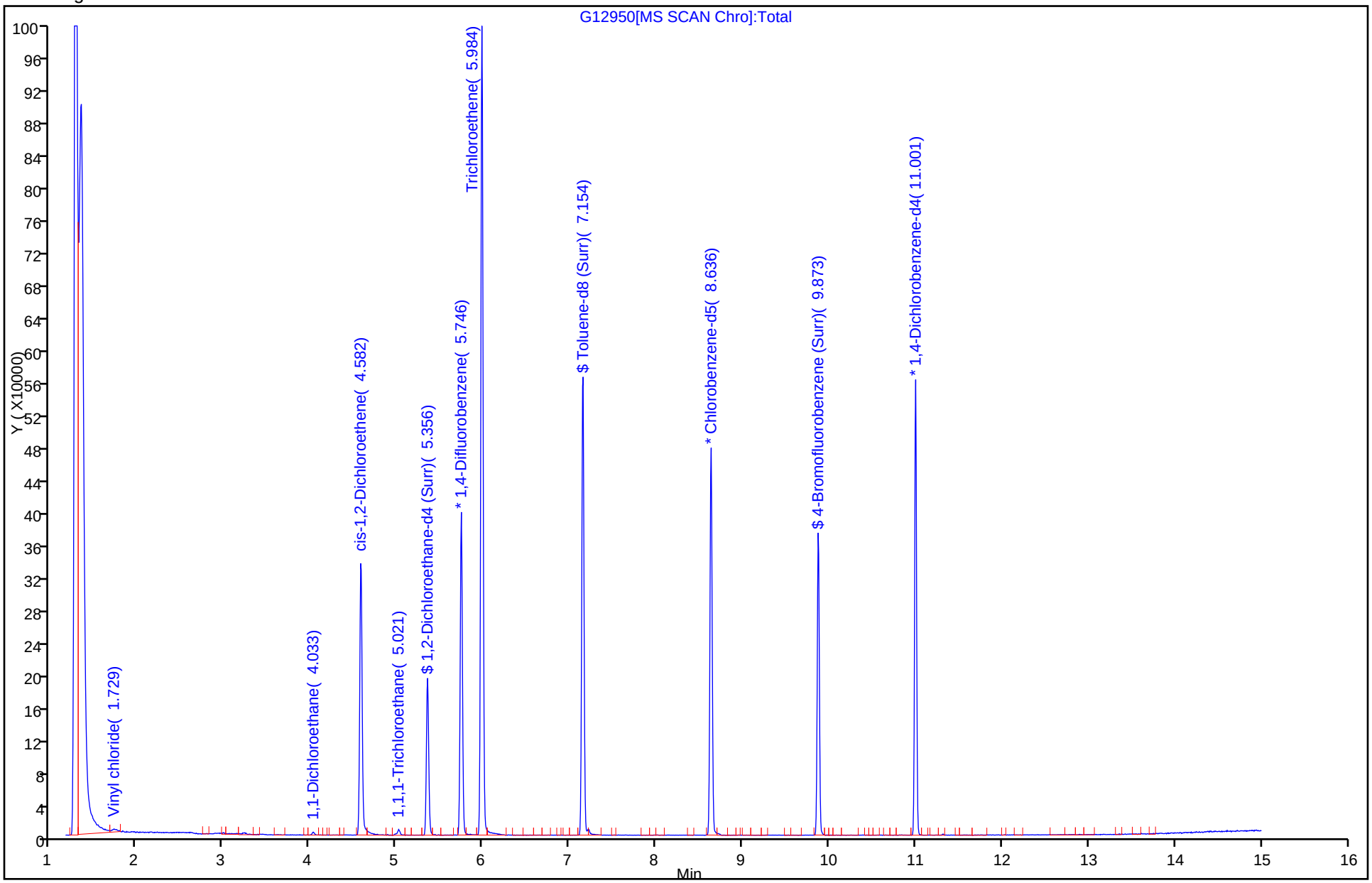
Processing Flags
7 - Failed Limit of Detection

Report Date: 11-Jul-2012 21:54:42 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12950.D

Injection Date:	11-Jul-2012 15:59:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-16S	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	13
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:

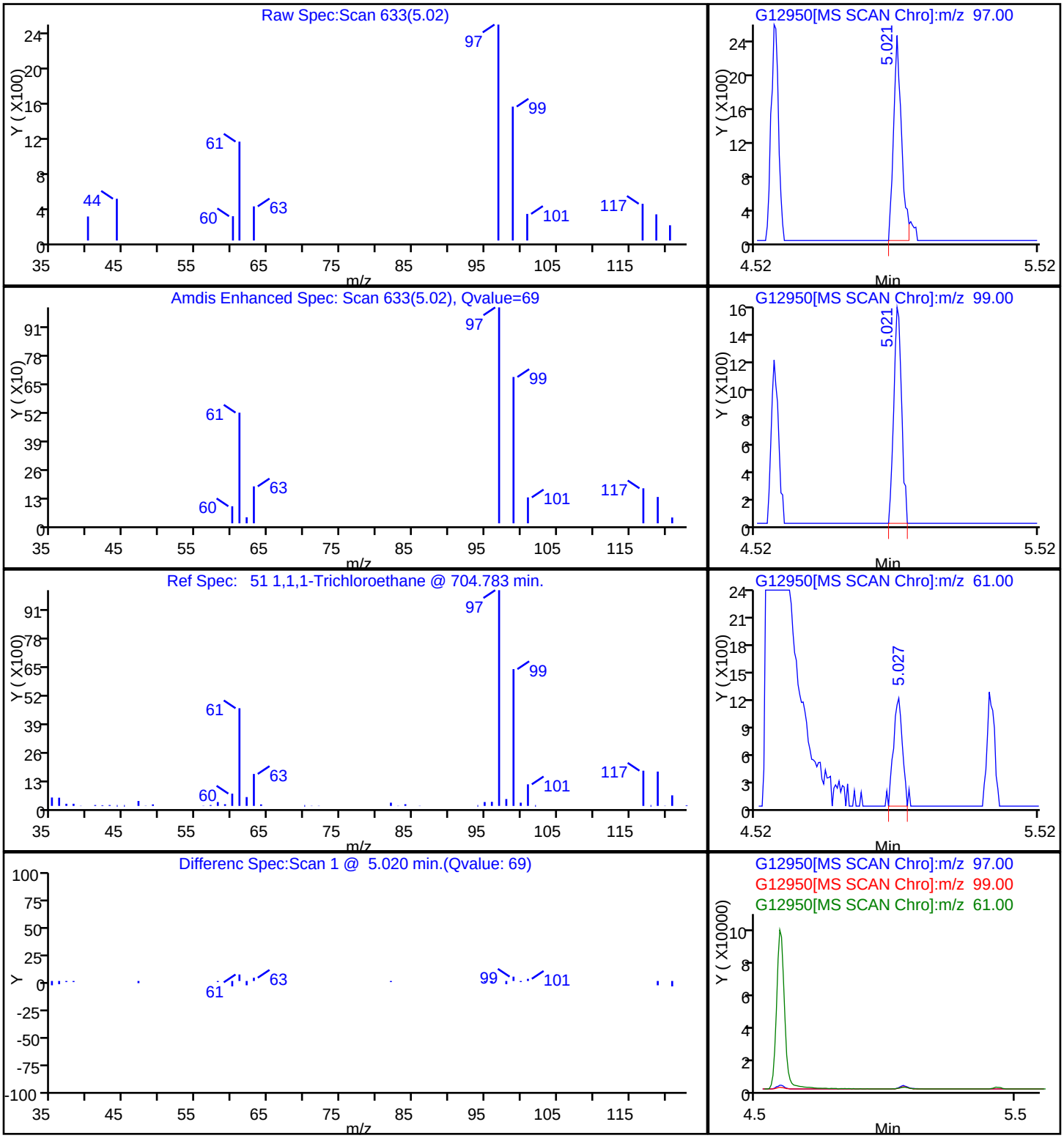


Report Date: 11-Jul-2012 21:54:42 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12950.D

Injection Date:	11-Jul-2012 15:59:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-16S	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	13
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

51 1,1,1-Trichloroethane

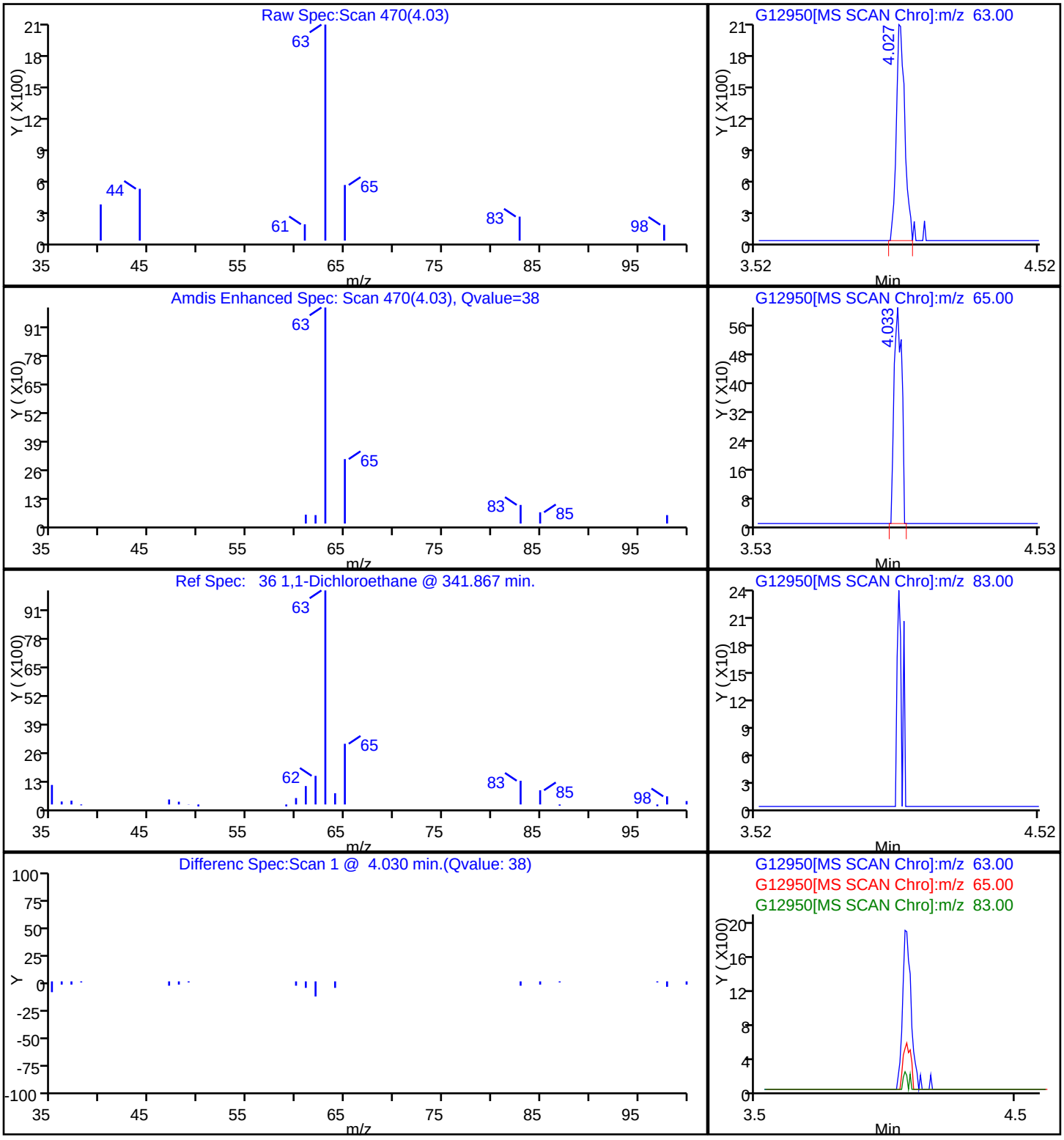


Report Date: 11-Jul-2012 21:54:42 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12950.D

Injection Date:	11-Jul-2012 15:59:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-16S	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	13
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

36 1,1-Dichloroethane

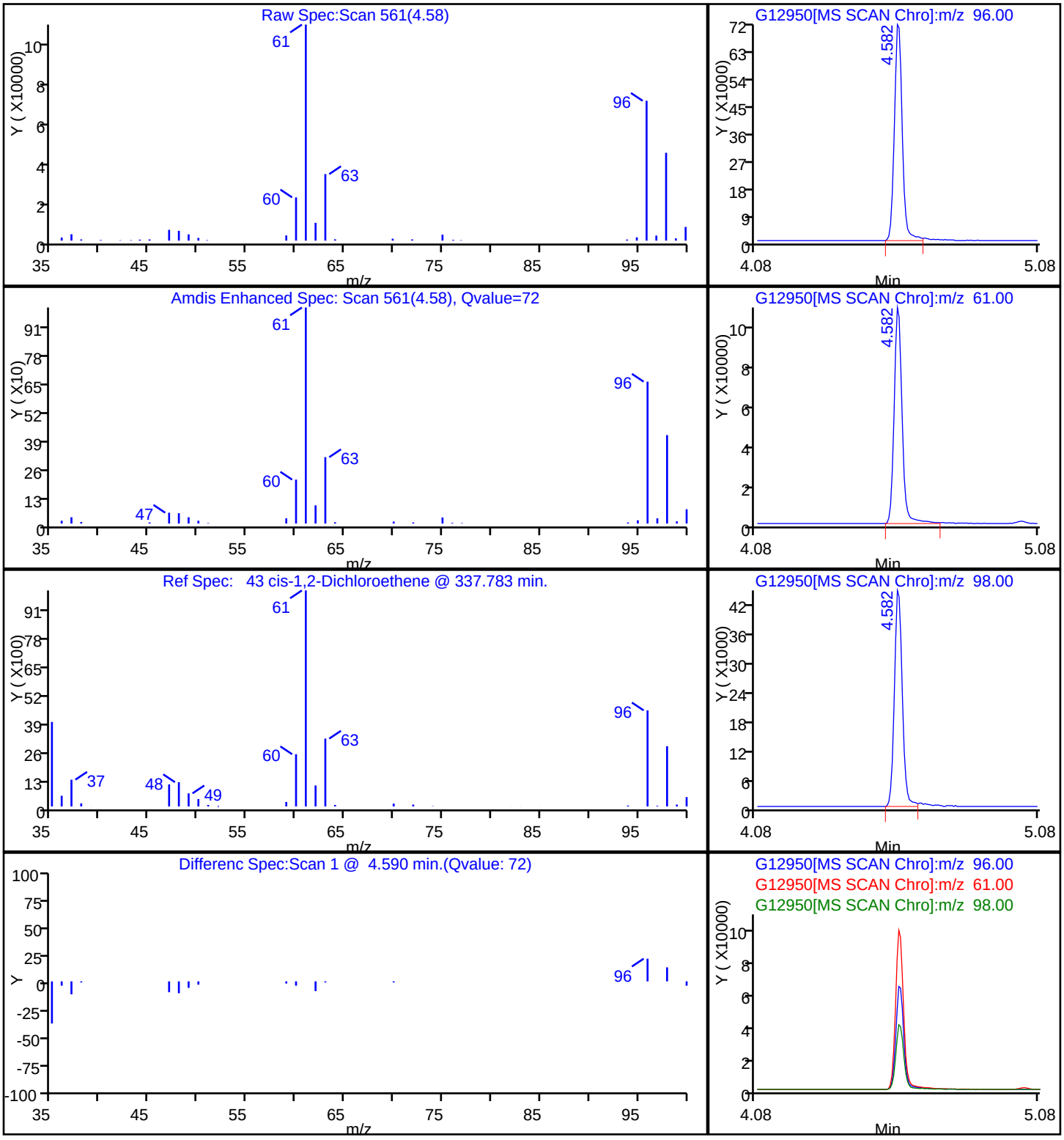


Report Date: 11-Jul-2012 21:54:42 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12950.D

Injection Date:	11-Jul-2012 15:59:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-16S	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	13
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

43 cis-1,2-Dichloroethene

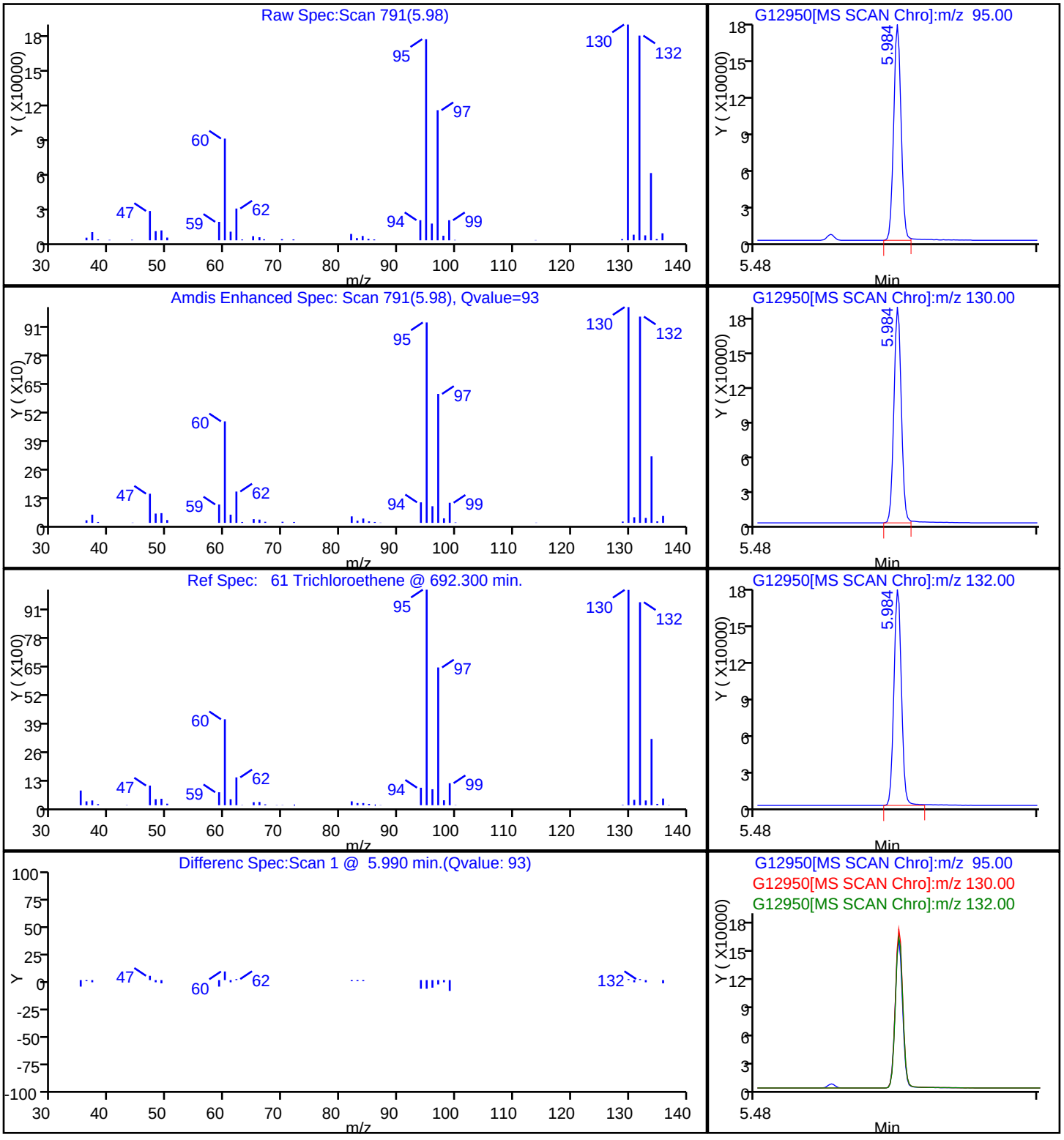


Report Date: 11-Jul-2012 21:54:42 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12950.D

Injection Date:	11-Jul-2012 15:59:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-16S	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	13
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

61 Trichloroethene

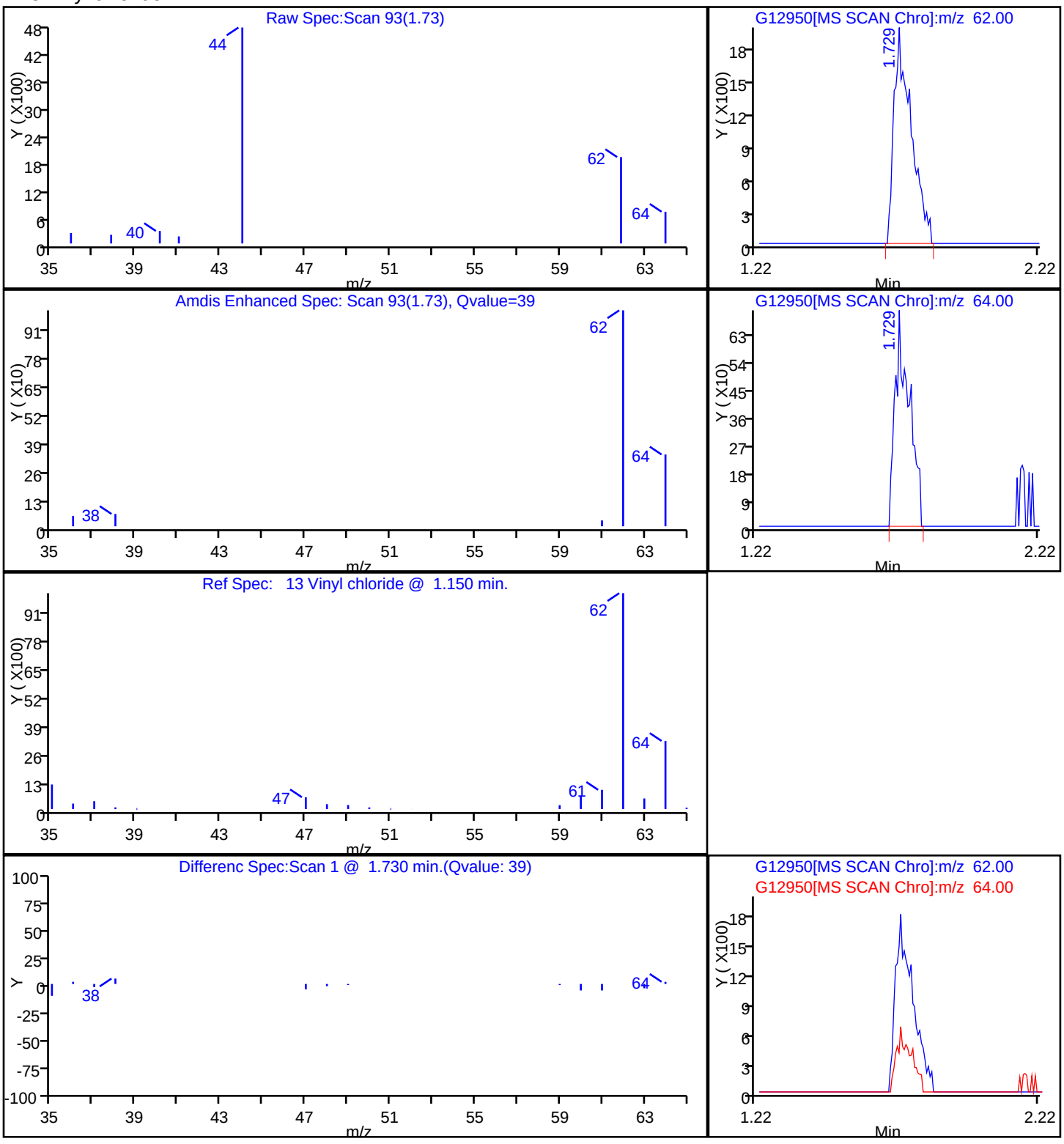


Report Date: 11-Jul-2012 21:54:42 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12950.D

Injection Date:	11-Jul-2012 15:59:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-16S	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	13
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 480-22257-3

Matrix: Ground Water | Lab File ID: G12951.D

Analysis Method: 8260B | Date Collected: 07/06/2012 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 16:21

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1000	820
79-34-5	1,1,2,2-Tetrachloroethane	ND		1000	210
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1000	310
79-00-5	1,1,2-Trichloroethane	ND		1000	230
75-34-3	1,1-Dichloroethane	990	J	1000	380
75-35-4	1,1-Dichloroethene	ND		1000	290
120-82-1	1,2,4-Trichlorobenzene	ND		1000	410
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1000	390
106-93-4	1,2-Dibromoethane	ND		1000	730
95-50-1	1,2-Dichlorobenzene	ND		1000	790
107-06-2	1,2-Dichloroethane	ND		1000	210
78-87-5	1,2-Dichloropropane	ND		1000	720
541-73-1	1,3-Dichlorobenzene	ND		1000	780
106-46-7	1,4-Dichlorobenzene	ND		1000	840
78-93-3	2-Butanone (MEK)	ND		10000	1300
591-78-6	2-Hexanone	ND		5000	1200
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5000	2100
67-64-1	Acetone	ND		10000	3000
71-43-2	Benzene	ND		1000	410
75-27-4	Bromodichloromethane	ND		1000	390
75-25-2	Bromoform	ND		1000	260
74-83-9	Bromomethane	ND		1000	690
75-15-0	Carbon disulfide	ND		1000	190
56-23-5	Carbon tetrachloride	ND		1000	270
108-90-7	Chlorobenzene	ND		1000	750
75-00-3	Chloroethane	ND		1000	320
67-66-3	Chloroform	ND		1000	340
74-87-3	Chloromethane	ND		1000	350
156-59-2	cis-1,2-Dichloroethene	78000		1000	810
10061-01-5	cis-1,3-Dichloropropene	ND		1000	360
110-82-7	Cyclohexane	ND		1000	180
124-48-1	Dibromochloromethane	ND		1000	320
75-71-8	Dichlorodifluoromethane	ND		1000	680
100-41-4	Ethylbenzene	ND		1000	740
98-82-8	Isopropylbenzene	ND		1000	790

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 480-22257-3

Matrix: Ground Water | Lab File ID: G12951.D

Analysis Method: 8260B | Date Collected: 07/06/2012 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 16:21

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1000	500
1634-04-4	Methyl tert-butyl ether	ND		1000	160
108-87-2	Methylcyclohexane	ND		1000	160
75-09-2	Methylene Chloride	ND		1000	440
100-42-5	Styrene	ND		1000	730
127-18-4	Tetrachloroethene	ND		1000	360
108-88-3	Toluene	ND		1000	510
156-60-5	trans-1,2-Dichloroethene	ND		1000	900
10061-02-6	trans-1,3-Dichloropropene	ND		1000	370
79-01-6	Trichloroethene	15000		1000	460
75-69-4	Trichlorofluoromethane	ND		1000	880
75-01-4	Vinyl chloride	6200		1000	900
1330-20-7	Xylenes, Total	ND		2000	660

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		66-137
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
2037-26-5	Toluene-d8 (Surr)	108		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12951.D
Lims ID: 480-22257-A-3 Client ID: MW-4
Inject. Date: 11-Jul-2012 16:21:30 Dil. Factor: 1000.0000
Sample Type: Client
Sample ID: 480-22257-A-3
Misc. Info.: 480-0013302-014 =480-0013302-014
Operator: LH Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 8
Lims Batch ID: 71947 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G-8260.m
Last Update: 11-Jul-2012 21:51:54 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: larsonr Date: 11-Jul-2012 21:55:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	298873	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	86	149622	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	96	144124	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.350	0.006	0	63038	27.8	
$ 5 Toluene-d8 (Surr)	98	7.155	7.148	0.007	93	356942	27.0	
$ 6 4-Bromofluorobenzene (Surr)	174	9.874	9.873	0.001	86	101730	25.8	
10 Dichlorodifluoromethane	85		1.448					
12 Chloromethane	50		1.619					
13 Vinyl chloride	62	1.735	1.723	0.012	66	25813	6.22	
14 Bromomethane	94		2.076					
15 Chloroethane	64		2.168					
17 Trichlorofluoromethane	101		2.381					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.899					
20 1,1-Dichloroethene	96		2.905					
22 Acetone	43		2.985					
24 Carbon disulfide	76		3.113					
28 Methyl acetate	43		3.283					
29 Methylene Chloride	84		3.436					
31 Methyl tert-butyl ether	73		3.613					
32 trans-1,2-Dichloroethene	96	3.619	3.619	0.0	52	2117	0.5115	
36 1,1-Dichloroethane	63	4.033	4.027	0.006	55	7093	0.99	
43 cis-1,2-Dichloroethene	96	4.582	4.582	0.0	72	304305	78.4	
44 2-Butanone (MEK)	43		4.612					
50 Chloroform	85		4.887					
51 1,1,1-Trichloroethane	97		5.021					
52 Cyclohexane	56		5.039					
53 Carbon tetrachloride	117		5.161					
56 Benzene	78		5.368					
57 1,2-Dichloroethane	62		5.423					
61 Trichloroethene	95	5.984	5.984	0.0	92	53949	14.7	
62 Methylcyclohexane	83		6.118					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		6.216					
67 Dichlorobromomethane	83		6.496					
72 cis-1,3-Dichloropropene	75		6.917					
73 4-Methyl-2-pentanone (MIBK)	43		7.057					
74 Toluene	92		7.215					
76 trans-1,3-Dichloropropene	75		7.478					
79 1,1,2-Trichloroethane	83		7.667					
80 Tetrachloroethene	166		7.758					
82 2-Hexanone	43		7.898					
83 Chlorodibromomethane	129		8.069					
84 Ethylene Dibromide	107		8.179					
86 Chlorobenzene	112		8.660					
89 Ethylbenzene	91		8.758					
90 m-Xylene & p-Xylene	106		8.880					
91 o-Xylene	106		9.307					
92 Styrene	104		9.331					
93 Bromoform	173		9.569					
95 Isopropylbenzene	105		9.685					
98 1,1,2,2-Tetrachloroethane	83		10.056					
110 1,3-Dichlorobenzene	146		10.940					
113 1,4-Dichlorobenzene	146		11.020					
116 1,2-Dichlorobenzene	146		11.373					
117 1,2-Dibromo-3-Chloropropane	75		12.086					
119 1,2,4-Trichlorobenzene	180		12.775					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

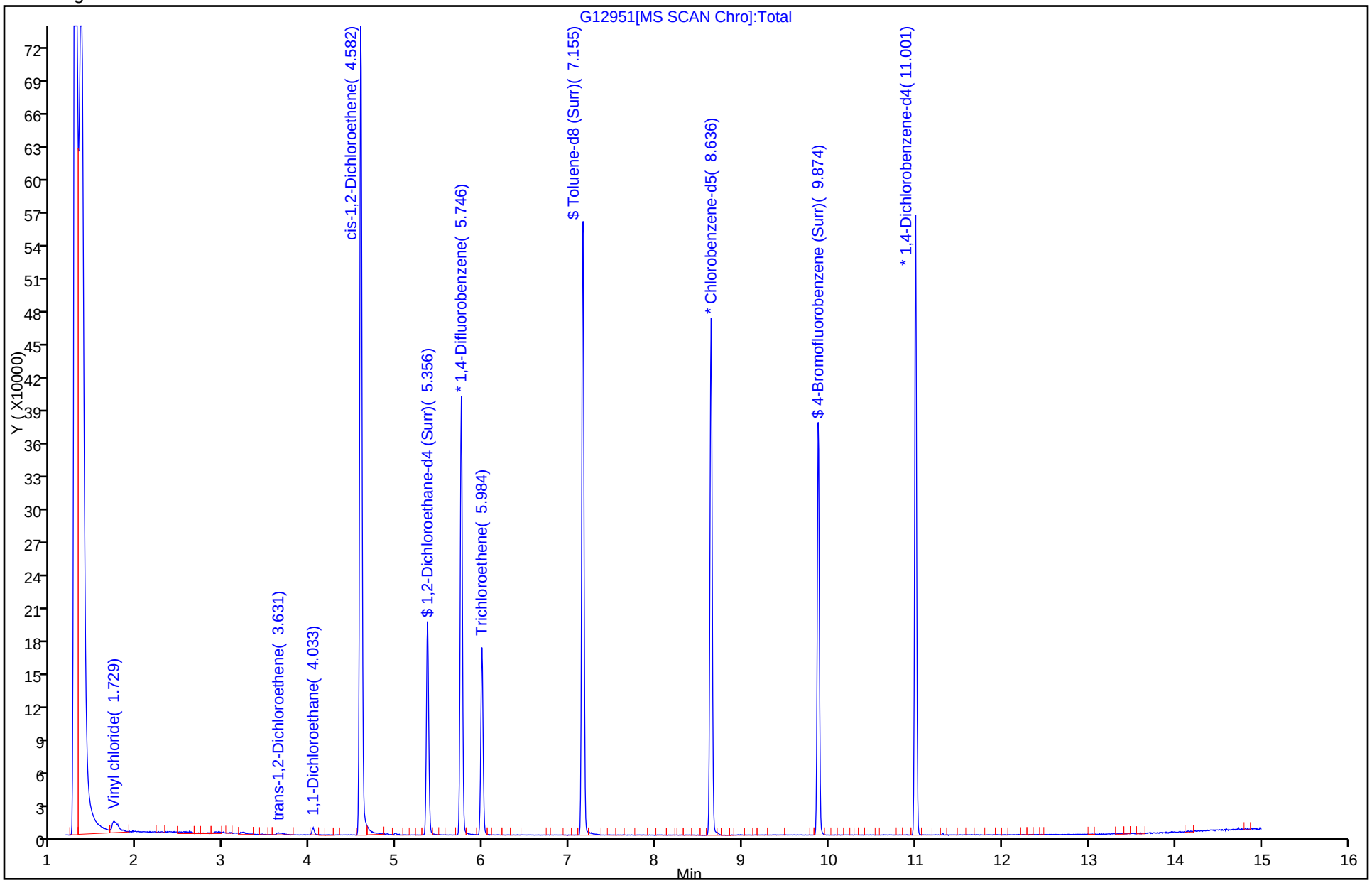
Processing Flags
7 - Failed Limit of Detection

Report Date: 11-Jul-2012 21:55:19 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12951.D

Injection Date:	11-Jul-2012 16:21:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-4	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	14
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:

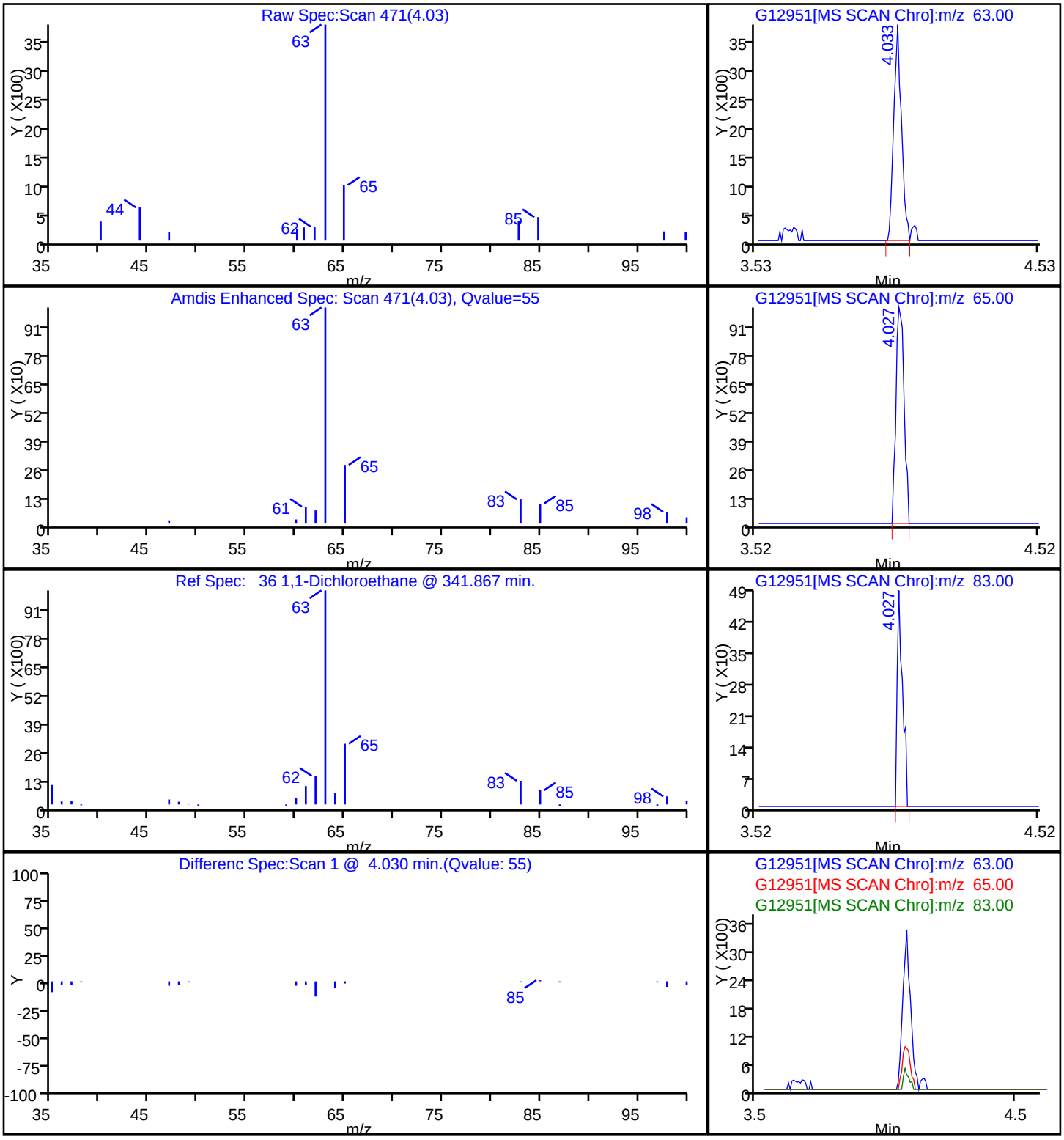


Report Date: 11-Jul-2012 21:55:19 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12951.D

Injection Date:	11-Jul-2012 16:21:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-4	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	14
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

36 1,1-Dichloroethane

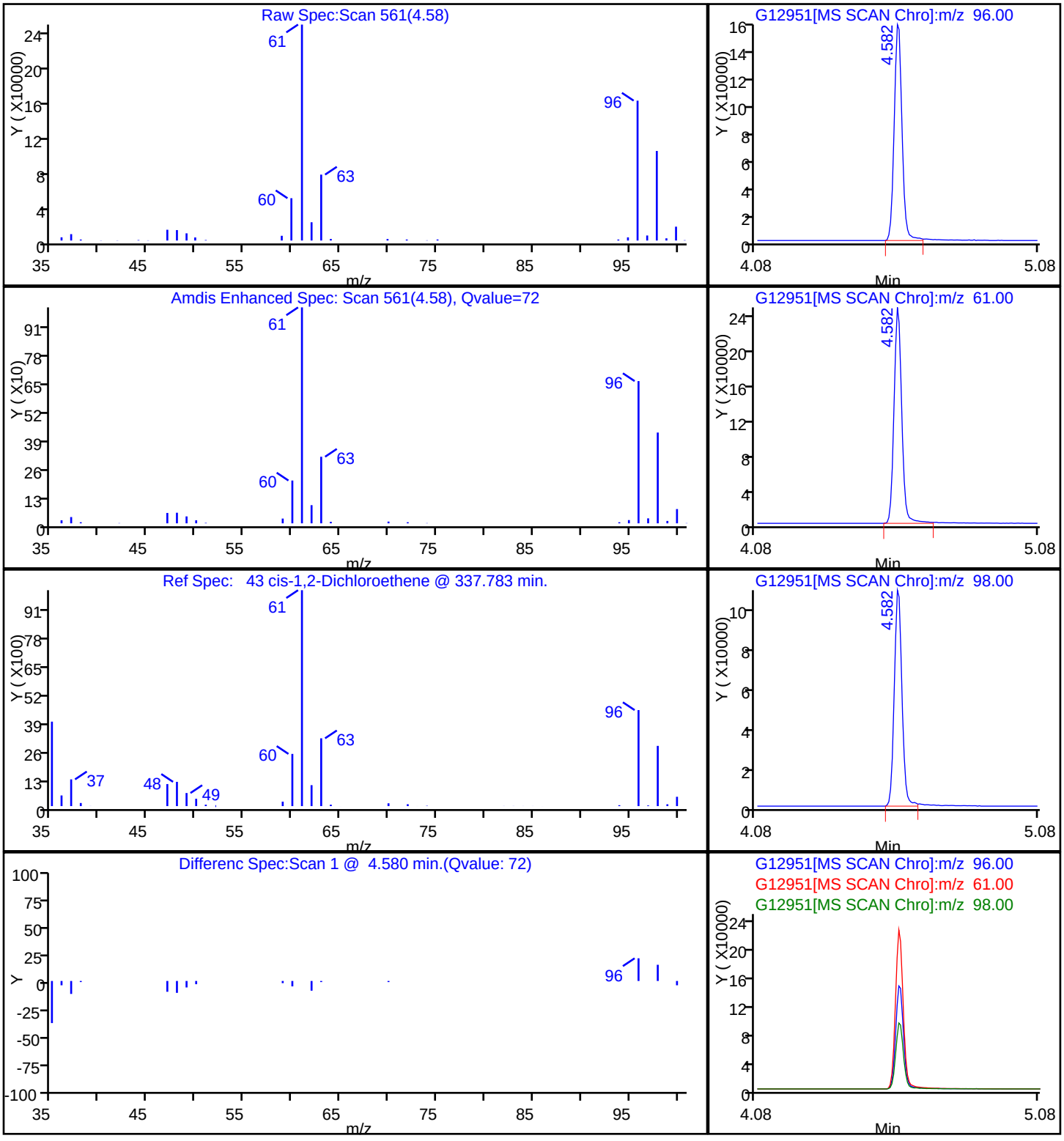


Report Date: 11-Jul-2012 21:55:19 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12951.D

Injection Date:	11-Jul-2012 16:21:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-4	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	14
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

43 cis-1,2-Dichloroethene

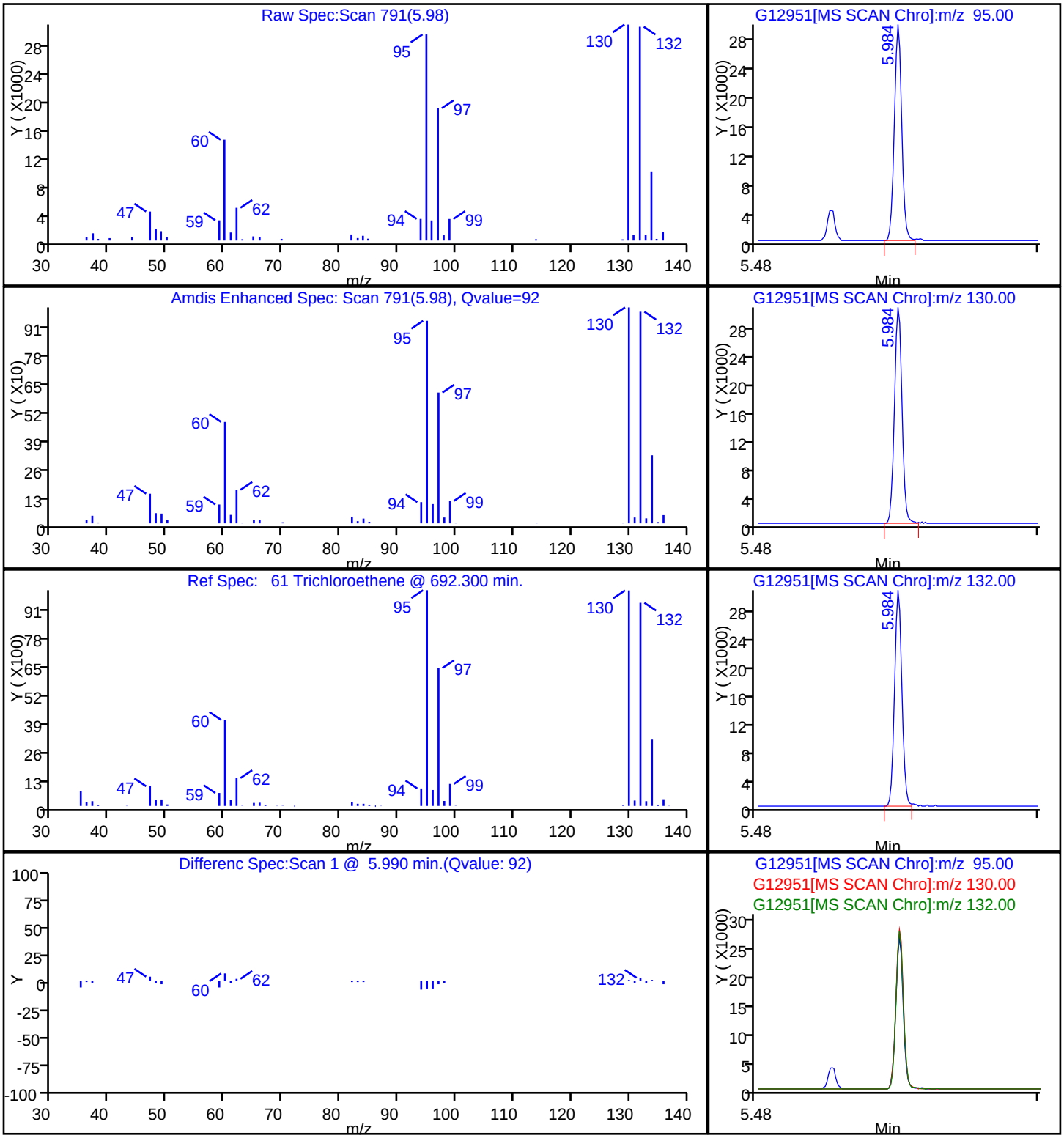


Report Date: 11-Jul-2012 21:55:19 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12951.D

Injection Date:	11-Jul-2012 16:21:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-4	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	14
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

61 Trichloroethene

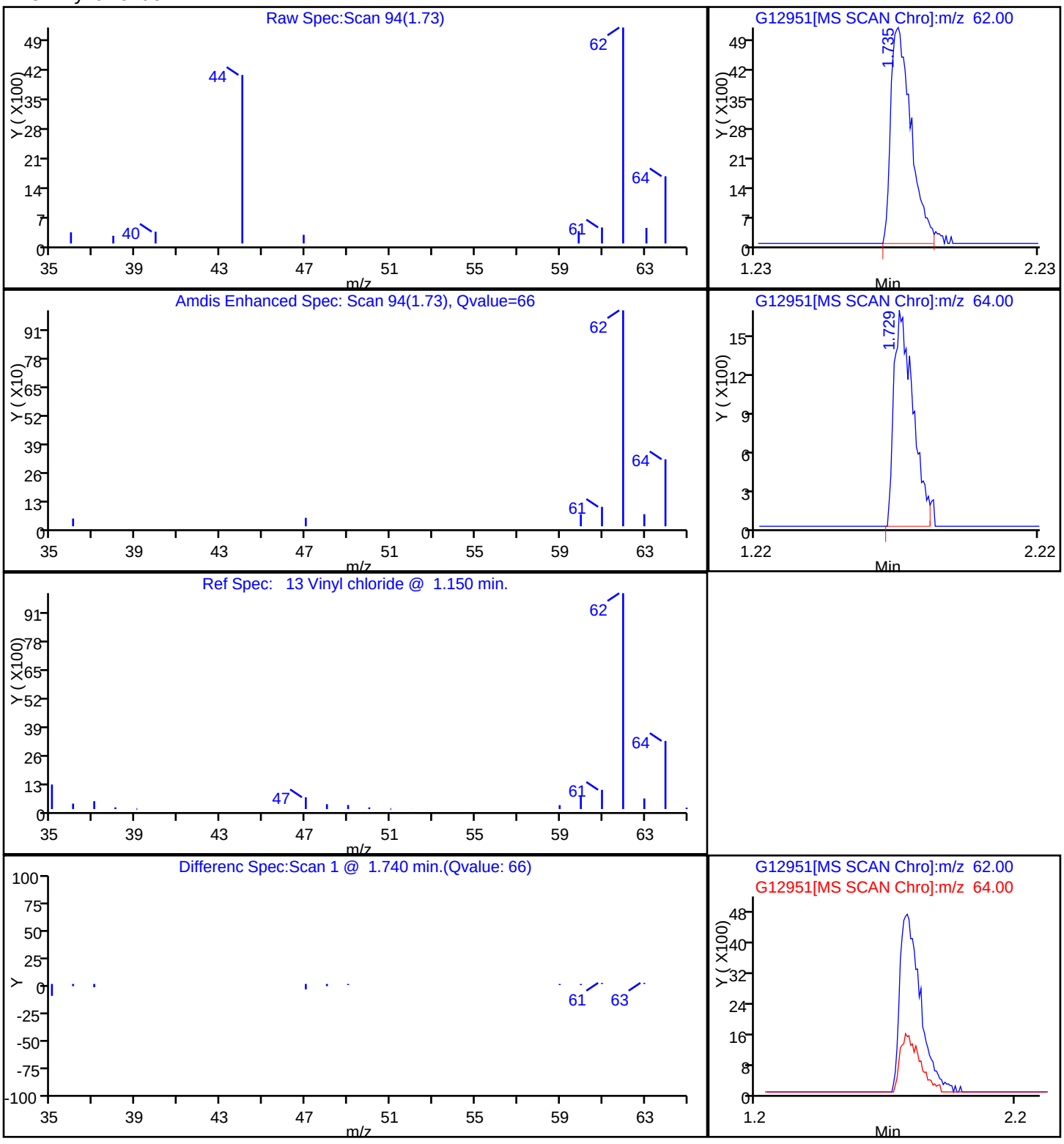


Report Date: 11-Jul-2012 21:55:19 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12951.D

Injection Date:	11-Jul-2012 16:21:30	Limit Group:	MV - 8260B ICAL
Client ID:	MW-4	Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	14
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: Rinse | Lab Sample ID: 480-22257-4

Matrix: Water | Lab File ID: N8742.D

Analysis Method: 8260B | Date Collected: 07/06/2012 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2012 02:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71650 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: Rinse | Lab Sample ID: 480-22257-4

Matrix: Water | Lab File ID: N8742.D

Analysis Method: 8260B | Date Collected: 07/06/2012 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2012 02:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71650 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		66-137
460-00-4	4-Bromofluorobenzene (Surr)	82		73-120
2037-26-5	Toluene-d8 (Surr)	90		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8742.D		
Lims ID:	480-22257-A-4	Client ID:	Rinse
Inject. Date:	10-Jul-2012 02:32:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	480-22257-A-4		
Misc. Info.:	480-0013251-011		
Operator:	RAL	Instrument ID:	HP5973N
Vol. Injected:	1.0000	ALS Bottle#:	5
Lims Batch ID:	71650	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\Bufchrom\ChromData\HP5973N\20120709-13251.b\N-8260.m		
Last Update:	10-Jul-2012 00:16:22	Calib Date:	02-Jul-2012 22:34:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: HillL		Date:	10-Jul-2012 14:31:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	93	656696	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	91	594028	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.757	9.757	0.0	96	348374	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	97	299821	21.6	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	87	728754	22.4	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	83	247468	20.5	
11 Dichlorodifluoromethane	85		0.935					
13 Chloromethane	50		1.027					
14 Vinyl chloride	62		1.106					
15 Bromomethane	94		1.288					
16 Chloroethane	64		1.349					
18 Trichlorofluoromethane	101		1.483					
22 1,1-Dichloroethene	96		1.860					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		1.878					
23 Acetone	43		1.963					
25 Carbon disulfide	76		2.012					
28 Methyl acetate	43		2.219					
30 Methylene Chloride	84		2.292					
32 Methyl tert-butyl ether	73		2.493					
33 trans-1,2-Dichloroethene	96		2.493					
36 1,1-Dichloroethane	63		2.864					
43 cis-1,2-Dichloroethene	96		3.381					
44 2-Butanone (MEK)	43		3.430					
50 Chloroform	83		3.679					
51 1,1,1-Trichloroethane	97		3.776					
52 Cyclohexane	56		3.788					
53 Carbon tetrachloride	117		3.910					
55 Benzene	78		4.111					
57 1,2-Dichloroethane	62		4.178					
60 Trichloroethene	95		4.707					
62 Methylcyclohexane	83		4.823					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		4.932					
67 Dichlorobromomethane	83		5.230					
71 cis-1,3-Dichloropropene	75		5.638					
72 4-Methyl-2-pentanone (MIBK)	43		5.796					
73 Toluene	92		5.912					
75 trans-1,3-Dichloropropene	75		6.198					
78 1,1,2-Trichloroethane	83		6.380					
79 Tetrachloroethene	166		6.429					
82 2-Hexanone	43		6.630					
83 Chlorodibromomethane	129		6.757					
84 Ethylene Dibromide	107		6.836					
85 Chlorobenzene	112		7.317					
88 Ethylbenzene	91		7.426					
90 m-Xylene & p-Xylene	106		7.554					
91 o-Xylene	106		7.962					
92 Styrene	104		7.992					
93 Bromoform	173		8.217					
95 Isopropylbenzene	105		8.351					
98 1,1,2,2-Tetrachloroethane	83		8.771					
110 1,3-Dichlorobenzene	146		9.683					
113 1,4-Dichlorobenzene	146		9.781					
116 1,2-Dichlorobenzene	146		10.146					
117 1,2-Dibromo-3-Chloropropane	75		10.912					
119 1,2,4-Trichlorobenzene	180		11.618					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

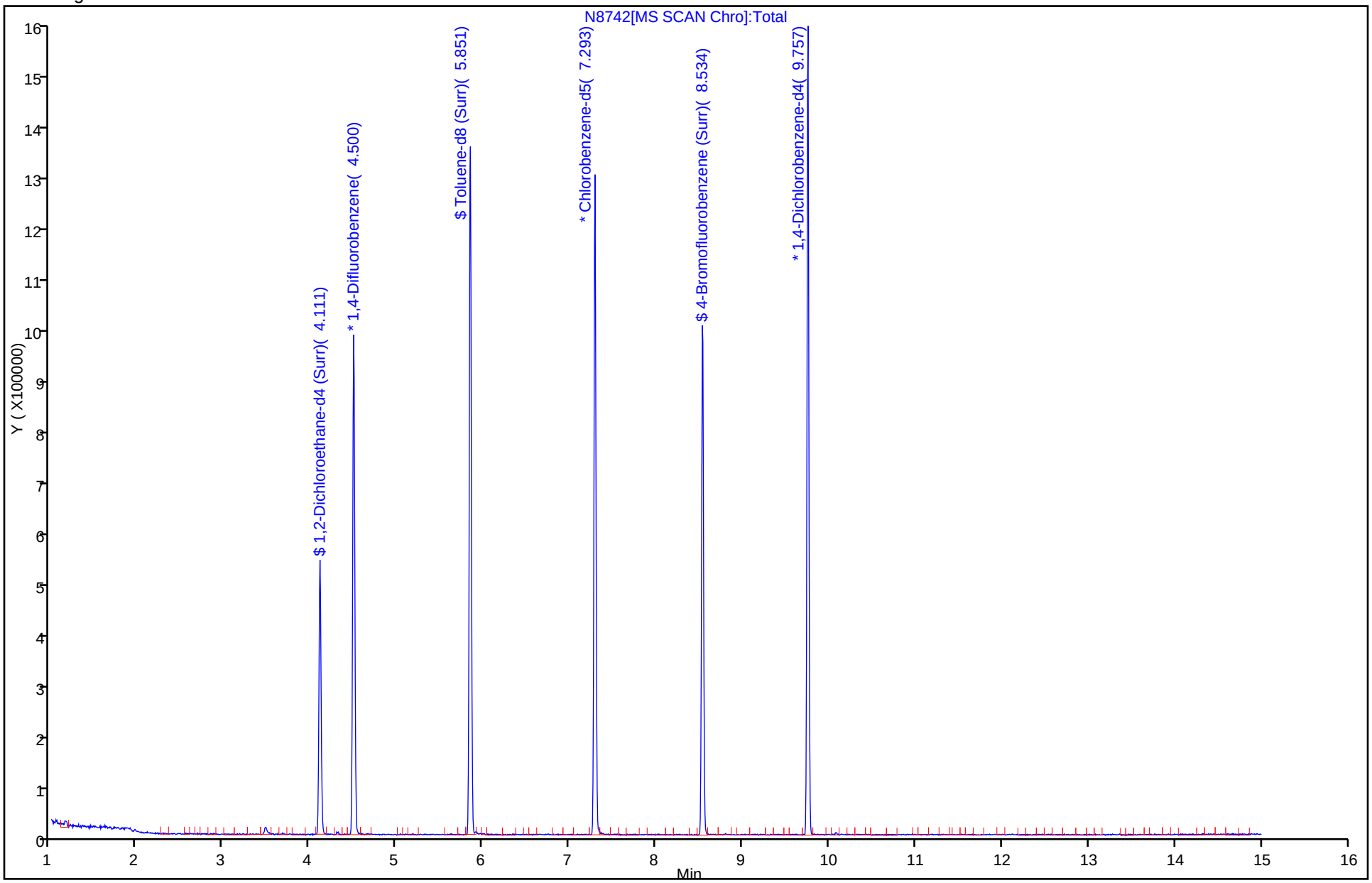
Processing Flags
7 - Failed Limit of Detection

Report Date: 10-Jul-2012 14:31:51 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8742.D

Injection Date:	10-Jul-2012 02:32:30	Limit Group:	MV - 8260B ICAL
Client ID:	Rinse	Instrument ID:	HP5973N
Lims Batch ID:	71650	Lims Sample ID:	11
Operator ID:	RAL		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-71552/3	G12860.D
Level 2	IC 480-71552/4	G12861.D
Level 3	IC 480-71552/5	G12862.D
Level 4	ICIS 480-71552/6	G12863.D
Level 5	IC 480-71552/7	G12864.D
Level 6	IC 480-71552/8	G12865.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	0.2734 0.2433	0.2582	0.2572	0.2600	0.2506	Ave		0.2571				3.9		15.0			
Chloromethane	0.5926 0.5311	0.5426	0.5178	0.5220	0.4877	Ave		0.5323			0.1000	6.5		15.0			
Vinyl chloride	0.3722 0.3356	0.3655	0.3330	0.3340	0.3414	Ave		0.3469				5.0		30.0			
Bromomethane	0.0973 0.1168	0.1151	0.1094	0.1104	0.1101	Ave		0.1099				6.2		15.0			
Chloroethane	0.1683 0.1606	0.1822	0.1716	0.1637	0.1576	Ave		0.1673				5.3		15.0			
Trichlorofluoromethane	0.3633 0.2872	0.3230	0.3323	0.3556	0.2897	Ave		0.3252				9.9		15.0			
Acrolein	0.0301 0.0209	0.0221	0.0259	0.0269	0.0293	Ave		0.0259				14.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2667 0.2132	0.2482	0.2468	0.2469	0.2701	Ave		0.2487				8.1		15.0			
1,1-Dichloroethene	0.3246 0.2329	0.2915	0.2854	0.2763	0.2872	Lin1	0.1290	0.2535							0.9900		0.9900
Acetone	0.2127 0.1167	0.1586	0.1606	0.1620	0.1759	Qua	-1.732	0.2252	0						0.9930		0.9900
Iodomethane	0.3025 0.2303	0.2314	0.2487	0.2585	0.2860	Ave		0.2596				11.0		15.0			
Carbon disulfide	0.9417 0.6901	0.7615	0.8246	0.8096	0.8732	Ave		0.8168				11.0		15.0			
Acetonitrile	0.0488 0.0282	0.0473	0.0361	0.0509	0.0502	Qua	-5.958	0.0714	0						0.9900		0.9900
Methyl acetate	0.9645 0.4771	0.7744	0.7959	0.8016	0.7598	Qua	-1.085	1.0279	-0.005						0.9980		0.9900
Methylene Chloride	0.5038 0.2928	0.3946	0.3879	0.3854	0.3754	Lin2	0.1529	0.3551							0.9900		0.9900

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

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 tert-butyl ether	1.1729 1.0443	1.0536	1.0966	1.1019	1.0647	Ave		1.0890				4.3		15.0			
trans-1,2-Dichloroethene	0.4100 0.3259	0.3387	0.3335	0.3364	0.3326	Ave		0.3462				9.1		15.0			
Acrylonitrile	0.2647 0.2338	0.2400	0.2360	0.2493	0.2411	Ave		0.2441				4.7		15.0			
1,1-Dichloroethane	0.6551 0.5749	0.6011	0.5818	0.5965	0.5729	Ave		0.5970			0.1000	5.1		15.0			
Vinyl acetate	1.1021 0.8894	1.0744	1.1062	1.1106	1.0330	Ave		1.0526				8.1		15.0			
2,2-Dichloropropane	0.2294 0.1906	0.1973	0.1947	0.1987	0.1918	Ave		0.2004				7.3		15.0			
cis-1,2-Dichloroethene	0.3587 0.3132	0.3204	0.3161	0.3273	0.3114	Ave		0.3245				5.5		15.0			
2-Butanone (MEK)	0.4280 0.3735	0.3859	0.3946	0.4019	0.3868	Ave		0.3951				4.7		15.0			
Bromochloromethane	0.1728 0.1544	0.1533	0.1599	0.1558	0.1551	Ave		0.1586				4.6		15.0			
Tetrahydrofuran	0.2999 0.2628	0.2714	0.2754	0.2798	0.2687	Ave		0.2763				4.7		15.0			
Chloroform	0.3707 0.3126	0.3277	0.3183	0.3238	0.3100	Ave		0.3272				6.8		30.0			
1,1,1-Trichloroethane	0.3107 0.3283	0.3124	0.3188	0.3354	0.3347	Ave		0.3234				3.4		15.0			
Cyclohexane	0.8610 0.7743	0.8003	0.7636	0.7969	0.7825	Ave		0.7964				4.3		15.0			
Carbon tetrachloride	0.3028 0.3161	0.2748	0.2754	0.2988	0.3046	Ave		0.2954				5.7		15.0			
1,1-Dichloropropene	0.4683 0.4077	0.4346	0.4181	0.4234	0.4064	Ave		0.4264				5.4		15.0			
Benzene	1.4573 1.1993	1.2833	1.2784	1.2720	1.2127	Ave		1.2838				7.2		15.0			
1,2-Dichloroethane	0.5233 0.4428	0.4532	0.4633	0.4641	0.4447	Ave		0.4652				6.4		15.0			
Trichloroethene	0.3466 0.2904	0.3073	0.3044	0.3011	0.2949	Ave		0.3074				6.6		15.0			
Methylcyclohexane	0.5835 0.4599	0.4667	0.4577	0.4864	0.4851	Ave		0.4899				9.7		15.0			
1,2-Dichloropropane	0.4019 0.3510	0.3545	0.3650	0.3629	0.3530	Ave		0.3647				5.2		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 EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.1878 0.1826	0.1858	0.1834	0.1879	0.1837	Ave		0.1852				1.2		15.0			
Bromodichloromethane	0.3412 0.3654	0.3106	0.3326	0.3497	0.3538	Ave		0.3422				5.6		15.0			
2-Chloroethyl vinyl ether	0.3198 0.3082	0.3116	0.3245	0.3330	0.3192	Ave		0.3194				2.8		15.0			
cis-1,3-Dichloropropene	0.4416 0.4898	0.4299	0.4543	0.4819	0.4828	Ave		0.4634				5.4		15.0			
4-Methyl-2-pentanone (MIBK)	1.5383 1.3122	1.5054	1.5445	1.5501	1.4676	Ave		1.4863				6.1		15.0			
Toluene	1.8288 1.5385	1.6221	1.6159	1.6377	1.5950	Ave		1.6396				6.0		30.0			
trans-1,3-Dichloropropene	0.7642 0.9550	0.7828	0.8422	0.9267	0.9390	Ave		0.8683				9.6		15.0			
Ethyl methacrylate	1.0489 1.1958	1.0488	1.1149	1.1967	1.2009	Ave		1.1343				6.5		15.0			
1,1,2-Trichloroethane	0.5621 0.4879	0.4947	0.5132	0.5059	0.4975	Ave		0.5102				5.3		15.0			
Tetrachloroethene	0.7370 0.6373	0.6707	0.6664	0.6601	0.6364	Ave		0.6680				5.5		15.0			
1,3-Dichloropropane	1.2395 1.0830	1.0866	1.1112	1.1430	1.1090	Ave		1.1287				5.2		15.0			
2-Hexanone	1.1246 1.0538	1.1164	1.1618	1.2091	1.1440	Ave		1.1349				4.5		15.0			
Dibromochloromethane	0.4718 0.5997	0.4628	0.4940	0.5458	0.5654	Ave		0.5232				11.0		15.0			
1,2-Dibromoethane	0.6621 0.6432	0.6081	0.6407	0.6567	0.6432	Ave		0.6423				2.9		15.0			
Chlorobenzene	2.0920 1.7402	1.8125	1.8417	1.8179	1.7721	Ave		1.8461			0.3000	6.8		15.0			
1,1,1,2-Tetrachloroethane	0.5268 0.5784	0.5164	0.5329	0.5624	0.5693	Ave		0.5477				4.7		15.0			
Ethylbenzene	3.3646 2.8783	3.0398	3.0300	3.0587	2.9511	Ave		3.0537				5.5		30.0			
m,p-Xylene	1.3739 1.1647	1.2231	1.2205	1.2247	1.1942	Ave		1.2335				5.9		15.0			
o-Xylene	1.2897 1.1500	1.1298	1.1772	1.1820	1.1550	Ave		1.1806				4.8		15.0			
Styrene	1.8791 1.8796	1.7489	1.8823	1.9284	1.8872	Ave		1.8676				3.3		15.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

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								
Bromoform	0.2417 0.4127	0.2516	0.2950	0.3440	0.3730	Lin1	-0.317	0.3920			0.1000				0.9920		0.9900
Isopropylbenzene	3.3458 2.8556	3.1304	3.2278	3.2724	3.0301	Ave		3.1437				5.7		15.0			
Bromobenzene	0.8357 0.7120	0.7579	0.7927	0.7963	0.7500	Ave		0.7741				5.6		15.0			
1,1,2,2-Tetrachloroethane	1.0042 0.9348	0.9365	0.9707	1.0112	0.9668	Ave		0.9707			0.3000	3.3		15.0			
1,2,3-Trichloropropane	0.3765 0.3013	0.3366	0.3331	0.3398	0.3203	Ave		0.3346				7.4		15.0			
trans-1,4-Dichloro-2-butene	0.2354 0.3555	0.2848	0.3253	0.3692	0.3639	Lin1	-0.840	0.3608							0.9990		0.9900
N-Propylbenzene	4.0463 3.4302	3.8270	3.9480	4.0264	3.7220	Ave		3.8333				6.1		15.0			
2-Chlorotoluene	0.8791 0.7131	0.7477	0.7748	0.7757	0.7406	Ave		0.7718				7.5		15.0			
1,3,5-Trimethylbenzene	2.7864 2.5196	2.6555	2.6923	2.7552	2.5920	Ave		2.6668				3.8		15.0			
4-Chlorotoluene	0.9076 0.7602	0.8064	0.8028	0.8340	0.7737	Ave		0.8141				6.5		15.0			
tert-Butylbenzene	0.6337 0.5816	0.5825	0.5984	0.6213	0.5852	Ave		0.6004				3.7		15.0			
1,2,4-Trimethylbenzene	2.8090 2.5772	2.6657	2.7635	2.7963	2.6375	Ave		2.7082				3.5		15.0			
sec-Butylbenzene	3.6639 3.1475	3.3342	3.4229	3.4796	3.2607	Ave		3.3848				5.3		15.0			
1,3-Dichlorobenzene	1.8045 1.4570	1.5888	1.6026	1.6154	1.5107	Ave		1.5965				7.4		15.0			
4-Isopropyltoluene	2.9288 2.6897	2.7583	2.8767	2.9159	2.7401	Ave		2.8182				3.6		15.0			
1,4-Dichlorobenzene	1.8333 1.5525	1.6310	1.6481	1.6657	1.5806	Ave		1.6519				6.0		15.0			
n-Butylbenzene	2.8181 2.4543	2.4514	2.5627	2.6410	2.5120	Ave		2.5733				5.4		15.0			
1,2-Dichlorobenzene	1.8005 1.4945	1.5427	1.5877	1.6024	1.5246	Ave		1.5921				6.9		15.0			
1,2-Dibromo-3-Chloropropane	0.2029 0.2427	0.1825	0.1968	0.2317	0.2335	Ave		0.2150				11.0		15.0			
1,2,4-Trichlorobenzene	1.2739 1.1415	1.1057	1.1393	1.2210	1.1824	Ave		1.1773				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 EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.4948 0.3924	0.4376	0.4287	0.4420	0.4254	Ave		0.4368				7.6		15.0			
Naphthalene	3.7315 3.7885	3.7081	3.9237	4.2238	4.0233	Ave		3.8998				5.1		15.0			
1,2,3-Trichlorobenzene	1.2231 1.0867	1.1017	1.1515	1.1925	1.1447	Ave		1.1501				4.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1924 0.1899	0.1866	0.1790	0.1972	0.1935	Ave		0.1898				3.3		15.0			
Toluene-d8 (Surr)	1.9089 2.1992	2.1790	2.1341	2.4928	2.3208	Ave		2.2058				8.8		15.0			
4-Bromofluorobenzene (Surr)	0.5620 0.6885	0.6430	0.6404	0.7269	0.6922	Ave		0.6588				8.7		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-71552/3	G12860.D
Level 2	IC 480-71552/4	G12861.D
Level 3	IC 480-71552/5	G12862.D
Level 4	ICIS 480-71552/6	G12863.D
Level 5	IC 480-71552/7	G12864.D
Level 6	IC 480-71552/8	G12865.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	DFB	Ave	4112 380938	19528	38869	96775	191055	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Ave	8914 831707	41031	78272	194298	371803	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	5599 525511	27637	50325	124336	260299	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Ave	1464 182969	8703	16541	41100	83921	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Ave	2532 251418	13779	25931	60938	120149	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	5465 449785	24424	50229	132360	220876	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Ave	9042 654148	33446	78330	200550	447388	20.0 2000	100	200	500	1000
1,1,2-Trichloro-1,2,2-trifluoroetha ne	DFB	Ave	4012 333908	18770	37306	91908	205959	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloroethene	DFB	Lin1	4883 364745	22043	43136	102833	219001	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Qua	15995 913951	59961	121357	301493	670499	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Ave	4550 360637	17499	37591	96232	218082	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	14166 1080677	57587	124639	301343	665795	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Qua	29376 1766028	143054	218000	758035	1529608	40.0 4000	200	400	1000	2000
Methyl acetate	DFB	Qua	14509 747083	58565	120297	298381	579262	1.00 100	5.00	10.0	25.0	50.0
Methylene Chloride	DFB	Lin2	7578 458535	29843	58633	143454	286187	1.00 100	5.00	10.0	25.0	50.0
Methyl tert-butyl ether	DFB	Ave	17643 1635237	79674	165756	410146	811776	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

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
trans-1,2-Dichloroethene	DFB	Ave	6167 510340	25616	50401	125226	253604	1.00 100	5.00	10.0	25.0	50.0
Acrylonitrile	DFB	Ave	19908 1830970	90737	178322	464000	919155	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	9854 900335	45455	87937	222019	436770	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Ave	82894 6964116	406233	835973	2066929	3937835	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Ave	3451 298488	14922	29422	73965	146266	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	5396 490484	24227	47777	121823	237397	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	32194 2924341	145933	298237	748039	1474652	5.00 500	25.0	50.0	125	250
Bromochloromethane	DFB	Ave	2600 241732	11596	24171	57988	118244	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	22558 2057729	102609	208142	520748	1024475	5.00 500	25.0	50.0	125	250
Chloroform	DFB	Ave	5576 489558	24781	48115	120531	236329	1.00 100	5.00	10.0	25.0	50.0
1,1,1-Trichloroethane	DFB	Ave	4674 514101	23623	48184	124833	255208	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	12952 1212456	60518	115415	296635	596612	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Ave	4555 495005	20779	41626	111235	232275	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	7044 638399	32866	63193	157602	309829	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	21922 1878054	97044	193232	473465	924604	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	7871 693413	34275	70023	172744	339089	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	5214 454763	23238	46004	112087	224816	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	8778 720213	35297	69182	181062	369864	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	6046 549678	26805	55166	135094	269113	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	2825 285927	14052	27727	69951	140058	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	5133 572169	23487	50270	130169	269736	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

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
2-Chloroethyl vinyl ether	DFB	Ave	24056 2413081	117803	245219	619652	1216911	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	6642 766988	32510	68673	179359	368094	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	57291 5060730	283537	577354	1432587	2754308	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	13622 1186630	61102	120809	302707	598685	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	5692 736609	29485	62963	171298	352452	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Ave	7813 922335	39507	83355	221198	450758	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	4187 376291	18634	38370	93511	186731	1.00 100	5.00	10.0	25.0	50.0
Tetrachloroethene	CBZ	Ave	5490 491570	25263	49822	122020	238863	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	9233 835342	40929	83076	211277	416258	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	41885 4064050	210267	434288	1117444	2147068	5.00 500	25.0	50.0	125	250
Dibromochloromethane	CBZ	Ave	3514 462569	17432	36934	100884	212245	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	4932 496118	22906	47905	121378	241438	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	15583 1342264	68273	137696	336023	665163	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	3924 446143	19452	39845	103948	213688	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	25062 2220071	114504	226533	565371	1107717	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	20467 1796702	92142	182493	452755	896476	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	9607 887030	42557	88015	218488	433523	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	13997 1449766	65880	140727	356450	708357	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Lin1	1800 318342	9478	22058	63593	139995	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	23410 2283396	111289	230236	575154	1124078	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	5847 569296	26943	56539	139963	278222	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

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
1,1,2,2-Tetrachloroethane	DCB	Ave	7026 747503	33295	69242	177725	358648	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	2634 240906	11967	23756	59720	118819	1.00 100	5.00	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin1	8237 1421501	50618	116032	324481	675063	5.00 500	25.0	50.0	125	250
N-Propylbenzene	DCB	Ave	28311 2742910	136052	281603	707666	1380733	1.00 100	5.00	10.0	25.0	50.0
2-Chlorotoluene	DCB	Ave	6151 570208	26583	55263	136338	274746	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	19496 2014737	94406	192038	484248	961548	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	6350 607865	28667	57261	146576	287026	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	4434 465073	20707	42680	109194	217095	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	19654 2060817	94767	197113	491478	978422	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	25636 2516818	118535	244147	611568	1209614	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	12626 1165025	56482	114310	283910	560435	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	20492 2150782	98059	205189	512488	1016483	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	12827 1241413	57984	117558	292766	586352	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	19718 1962555	87150	182791	464166	931881	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	12598 1195062	54846	113248	281636	565574	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1420 194035	6487	14039	40731	86625	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	8913 912798	39309	81268	214598	438615	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	3462 313787	15556	30576	77685	157804	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	26109 3029399	131828	279871	742355	1492507	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	8558 868986	39167	82138	209588	424659	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	2894 297407	14111	27061	73400	147553	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 71552

SDG No.:

Instrument ID: HP5973G GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2012 12:11 Calibration End Date: 07/09/2012 14:04 Calibration ID: 9213

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-d8 (Surr)	CBZ	Ave	14219 1696282	82079	159554	460779	871134	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	4186 531073	24222	47877	134352	259811	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12860.D
Lims ID: IC Client ID:
Inject. Date: 09-Jul-2012 12:11:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: IC
Misc. Info.: 480-0013234-003 =480-0013234-003
Operator: NMD Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 2
Lims Batch ID: 71552 Lims Sample ID: 3
Sublist: chrom-G-8260*sub1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G-8260.m
Last Update: 09-Jul-2012 19:41:25 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 09-Jul-2012 19:41:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	376061	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	85	186219	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	96	174921	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.356	0.0	0	2894	1.01	
$ 5 Toluene-d8 (Surr)	98	7.148	7.155	-0.007	73	14219	0.8654	
$ 6 4-Bromofluorobenzene (Surr)	174	9.873	9.880	-0.007	66	4186	0.8530	
10 Dichlorodifluoromethane	85	1.454	1.448	0.006	44	4112	1.06	
12 Chloromethane	50	1.613	1.625	-0.012	74	8914	1.11	
13 Vinyl chloride	62	1.729	1.729	0.0	40	5599	1.07	
14 Bromomethane	94	2.033	2.076	-0.043	3	1464	0.8859	M
15 Chloroethane	64	2.174	2.162	0.012	18	2532	1.01	
17 Trichlorofluoromethane	101	2.387	2.393	-0.006	28	5465	1.12	
19 Acrolein	56	2.826	2.826	0.0	87	9042	23.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.899	2.899	0.0	1	4012	1.07	
20 1,1-Dichloroethene	96	2.899	2.924	-0.025	61	4883	0.7714	
22 Acetone	43	2.985	2.985	-0.001	87	15995	12.6	
23 Iodomethane	142	3.088	3.076	0.012	26	4550	1.17	
24 Carbon disulfide	76	3.125	3.107	0.018	93	14166	1.15	
27 Acetonitrile	40	3.277	3.277	0.0	99	29376	112.7	
28 Methyl acetate	43	3.283	3.290	-0.007	51	14509	2.02	
29 Methylene Chloride	84	3.442	3.436	0.006	76	7578	0.9881	M
32 trans-1,2-Dichloroethene	96	3.606	3.619	-0.013	6	6167	1.18	
31 Methyl tert-butyl ether	73	3.619	3.619	0.0	90	17643	1.08	
33 Acrylonitrile	53	3.655	3.655	0.0	97	19908	5.42	
36 1,1-Dichloroethane	63	4.027	4.033	-0.006	64	9854	1.10	
38 Vinyl acetate	43	4.082	4.082	0.0	96	82894	5.24	
42 2,2-Dichloropropane	77	4.557	4.558	-0.001	62	3451	1.14	
43 cis-1,2-Dichloroethene	96	4.582	4.588	-0.006	59	5396	1.11	
44 2-Butanone (MEK)	43	4.631	4.619	0.012	96	32194	5.42	
48 Chlorobromomethane	128	4.813	4.820	-0.007	75	2600	1.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.868	4.850	0.018	94	22558	5.43	
50 Chloroform	85	4.887	4.893	-0.006	74	5576	1.13	
51 1,1,1-Trichloroethane	97	5.015	5.021	-0.006	66	4674	0.9608	
52 Cyclohexane	56	5.039	5.045	-0.006	81	12952	1.08	
53 Carbon tetrachloride	117	5.161	5.167	-0.006	54	4555	1.02	
54 1,1-Dichloropropene	75	5.167	5.173	-0.006	80	7044	1.10	
56 Benzene	78	5.368	5.375	-0.006	95	21922	1.14	
57 1,2-Dichloroethane	62	5.423	5.429	-0.006	81	7871	1.12	
61 Trichloroethene	95	5.984	5.984	0.0	82	5214	1.13	
62 Methylcyclohexane	83	6.118	6.118	0.0	85	8778	1.19	
63 1,2-Dichloropropane	63	6.216	6.216	0.0	77	6046	1.10	
65 Dibromomethane	93	6.350	6.350	0.0	73	2825	1.01	
67 Dichlorobromomethane	83	6.502	6.496	0.006	68	5133	1.00	
70 2-Chloroethyl vinyl ether	63	6.776	6.777	-0.001	89	24056	5.01	
72 cis-1,3-Dichloropropene	75	6.917	6.917	0.0	63	6642	0.9529	
73 4-Methyl-2-pentanone (MIBK)	43	7.063	7.057	0.006	98	57291	5.17	
74 Toluene	92	7.215	7.216	-0.001	95	13622	1.12	
76 trans-1,3-Dichloropropene	75	7.478	7.478	0.0	77	5692	0.8801	
78 Ethyl methacrylate	69	7.538	7.533	0.005	85	7813	0.9247	
79 1,1,2-Trichloroethane	83	7.673	7.673	0.0	69	4187	1.10	
80 Tetrachloroethene	166	7.758	7.758	0.0	79	5490	1.10	
81 1,3-Dichloropropane	76	7.837	7.831	0.006	83	9233	1.10	
82 2-Hexanone	43	7.904	7.898	0.006	99	41885	4.95	
83 Chlorodibromomethane	129	8.069	8.075	-0.006	47	3514	0.9016	
84 Ethylene Dibromide	107	8.179	8.179	0.0	69	4932	1.03	
86 Chlorobenzene	112	8.666	8.667	-0.001	81	15583	1.13	
88 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.0	25	3924	0.9618	
89 Ethylbenzene	91	8.758	8.758	0.0	95	25062	1.10	
90 m-Xylene & p-Xylene	106	8.880	8.880	0.0	99	20467	2.23	
91 o-Xylene	106	9.306	9.307	-0.001	89	9607	1.09	
92 Styrene	104	9.337	9.337	0.0	87	13997	1.01	
93 Bromoform	173	9.569	9.569	0.0	58	1800	1.42	
95 Isopropylbenzene	105	9.691	9.691	0.0	86	23410	1.06	
97 Bromobenzene	156	10.026	10.026	0.0	89	5847	1.08	
98 1,1,2,2-Tetrachloroethane	83	10.062	10.057	0.005	70	7026	1.03	
99 1,2,3-Trichloropropane	110	10.093	10.093	0.0	67	2634	1.13	
101 N-Propylbenzene	91	10.111	10.105	0.006	93	28311	1.06	
100 trans-1,4-Dichloro-2-butene	53	10.105	10.105	0.0	50	8237	5.59	
102 2-Chlorotoluene	126	10.215	10.209	0.006	91	6151	1.14	
104 1,3,5-Trimethylbenzene	105	10.282	10.282	0.0	82	19496	1.04	
105 4-Chlorotoluene	126	10.318	10.319	-0.001	92	6350	1.11	
106 tert-Butylbenzene	134	10.593	10.599	-0.006	85	4434	1.06	
107 1,2,4-Trimethylbenzene	105	10.648	10.648	0.0	89	19654	1.04	
109 sec-Butylbenzene	105	10.806	10.806	0.0	82	25636	1.08	
110 1,3-Dichlorobenzene	146	10.940	10.940	0.0	89	12626	1.13	
111 4-Isopropyltoluene	119	10.946	10.947	-0.001	94	20492	1.04	
113 1,4-Dichlorobenzene	146	11.026	11.026	0.0	74	12827	1.11	
115 n-Butylbenzene	91	11.324	11.325	-0.001	92	19718	1.10	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	87	12598	1.13	
117 1,2-Dibromo-3-Chloropropane	75	12.092	12.093	-0.001	11	1420	0.9438	
119 1,2,4-Trichlorobenzene	180	12.775	12.776	-0.001	83	8913	1.08	
120 Hexachlorobutadiene	225	12.897	12.891	0.006	70	3462	1.13	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	12.989	12.989	0.0	92	26109	0.9568	
122 1,2,3-Trichlorobenzene	180	13.190	13.190	0.0	83	8558	1.06	
S 123 Total BTEX	1				0		6.67	
S 124 Xylenes, Total	1				0		3.32	
S 125 1,2-Dichloroethene, Total	1				0		2.29	
S 126 1,3-Dichloropropene, Total	1				0		1.83	

QC Flag Legend

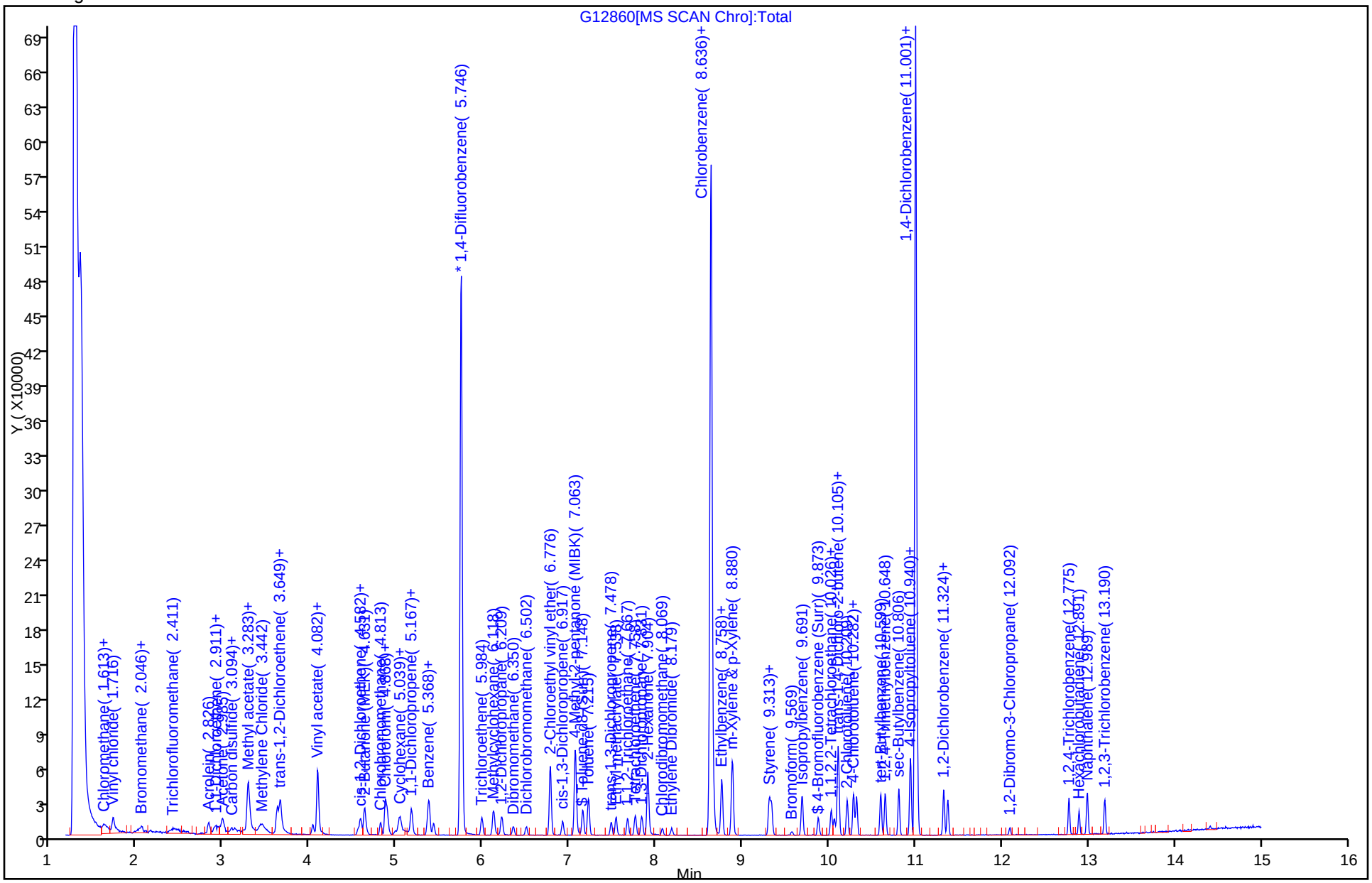
Review Flags
M - Manually Integrated

Report Date: 09-Jul-2012 19:41:25 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12860.D

Injection Date:	09-Jul-2012 12:11:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	3
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



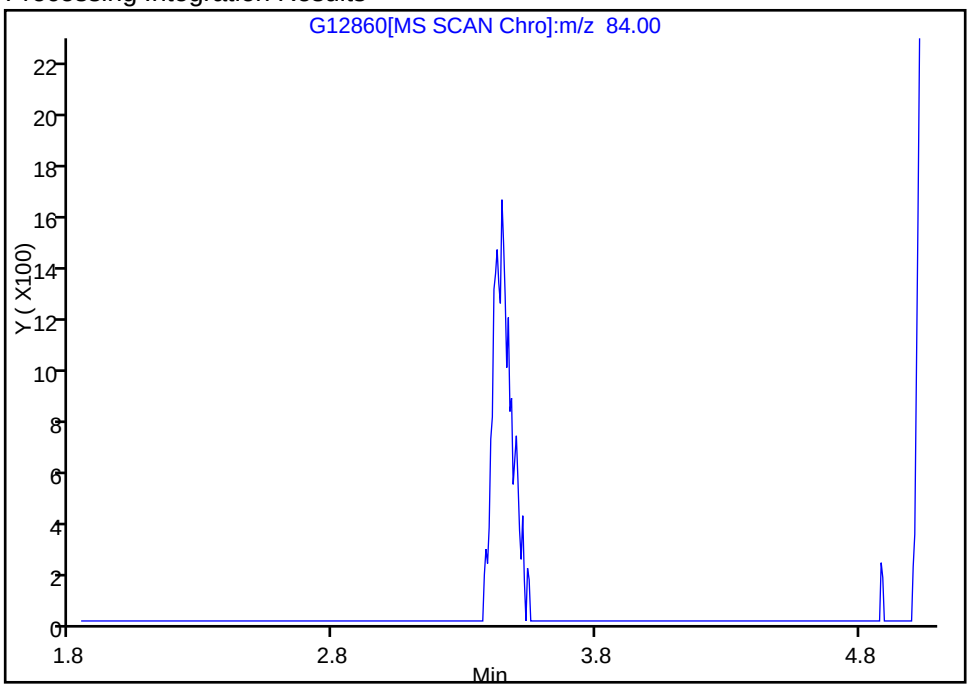
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12860.D		
Injection Date:	09-Jul-2012 12:11:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	3
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

29 Methylene Chloride, Signal: 1, m/z: 84.0 Type: quant, RT: 3.44

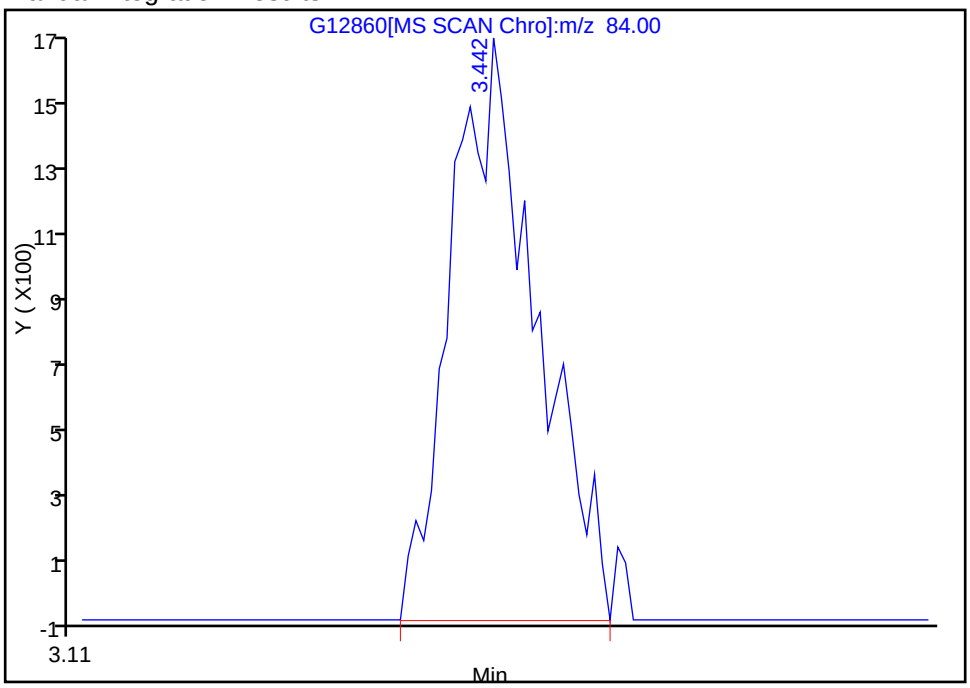
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.44
Response: 7578
Amount: 0.988093



Reviewer: larsonr, 09-Jul-2012 18:19:54
Audit Action: Manually Integrated
Audit Reason: Split Peak

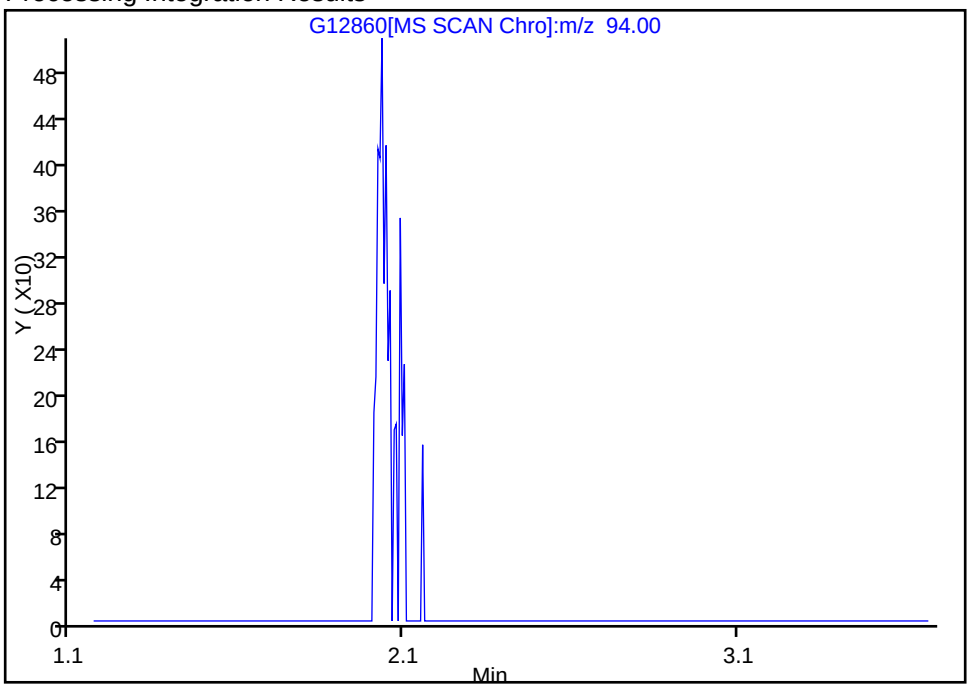
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12860.D		
Injection Date:	09-Jul-2012 12:11:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	3
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 2.08

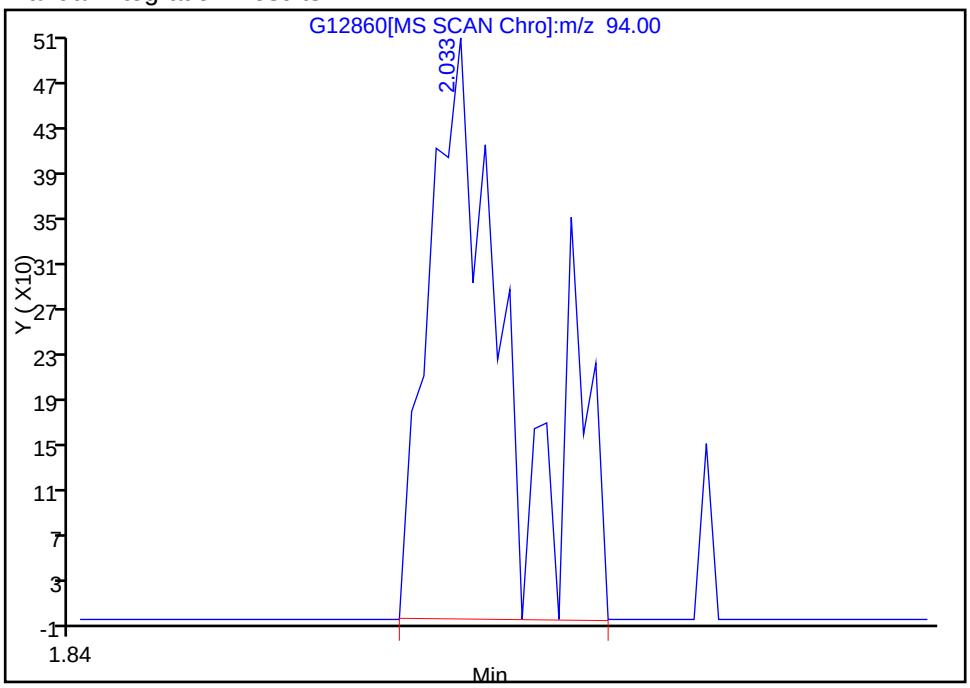
Not Detected
Expected RT: 2.08

Processing Integration Results



Manual Integration Results

RT: 2.03
Response: 1464
Amount: 0.885876



Reviewer: larsonr, 09-Jul-2012 18:21:46
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12861.D
Lims ID: IC 2 Client ID:
Inject. Date: 09-Jul-2012 12:34:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: IC 2
Misc. Info.: 480-0013234-004 =480-0013234-004
Operator: NMD Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 3
Lims Batch ID: 71552 Lims Sample ID: 4
Sublist: chrom-G-8260*sub1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G-8260.m
Last Update: 09-Jul-2012 18:24:37 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 09-Jul-2012 18:24:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	95	378116	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	85	188342	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	95	177755	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.356	0.0	0	14111	5.02	
$ 5 Toluene-d8 (Surr)	98	7.154	7.155	-0.001	92	82079	5.25	
$ 6 4-Bromofluorobenzene (Surr)	174	9.880	9.880	0.0	85	24222	5.23	
10 Dichlorodifluoromethane	85	1.442	1.448	-0.006	77	19528	4.91	
12 Chloromethane	50	1.613	1.625	-0.012	96	41031	4.92	
13 Vinyl chloride	62	1.723	1.729	-0.006	67	27637	5.12	
14 Bromomethane	94	2.064	2.033	0.031	73	8703	6.16	M
15 Chloroethane	64	2.168	2.162	0.006	71	13779	5.23	
17 Trichlorofluoromethane	101	2.387	2.393	-0.006	75	24424	4.76	
19 Acrolein	56	2.826	2.826	0.0	91	33446	85.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.899	2.899	0.0	28	18770	4.89	M
20 1,1-Dichloroethene	96	2.899	2.924	-0.025	83	22043	5.02	
22 Acetone	43	2.985	2.985	0.0	99	59961	22.4	
23 Iodomethane	142	3.076	3.076	0.0	76	17499	5.47	
24 Carbon disulfide	76	3.107	3.107	-0.001	94	57587	4.52	
27 Acetonitrile	40	3.277	3.277	0.0	100	143054	214.7	
28 Methyl acetate	43	3.283	3.290	-0.007	99	58565	4.58	
29 Methylene Chloride	84	3.424	3.424	0.0	82	29843	4.60	
32 trans-1,2-Dichloroethene	96	3.619	3.606	0.013	38	25616	4.70	
31 Methyl tert-butyl ether	73	3.613	3.619	-0.007	89	79674	4.76	
33 Acrylonitrile	53	3.649	3.655	-0.006	100	90737	24.3	
36 1,1-Dichloroethane	63	4.033	4.033	0.0	92	45455	4.91	
38 Vinyl acetate	43	4.082	4.082	0.0	97	406233	24.5	
42 2,2-Dichloropropane	77	4.551	4.558	-0.007	84	14922	4.76	
43 cis-1,2-Dichloroethene	96	4.582	4.588	-0.006	82	24227	4.83	
44 2-Butanone (MEK)	43	4.618	4.619	-0.001	98	145933	23.9	
48 Chlorobromomethane	128	4.813	4.820	-0.007	81	11596	4.73	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.856	4.850	0.006	95	102609	24.0	
50 Chloroform	85	4.893	4.893	0.0	82	24781	4.83	
51 1,1,1-Trichloroethane	97	5.021	5.021	0.0	91	23623	4.97	
52 Cyclohexane	56	5.039	5.045	-0.006	93	60518	4.95	
53 Carbon tetrachloride	117	5.161	5.167	-0.006	59	20779	4.83	
54 1,1-Dichloropropene	75	5.173	5.173	0.0	89	32866	4.94	
56 Benzene	78	5.374	5.375	0.0	98	97044	4.79	
57 1,2-Dichloroethane	62	5.423	5.429	-0.006	93	34275	4.72	
61 Trichloroethene	95	5.984	5.984	0.0	92	23238	4.81	
62 Methylcyclohexane	83	6.118	6.118	0.0	97	35297	4.64	
63 1,2-Dichloropropane	63	6.216	6.216	0.0	92	26805	4.74	
65 Dibromomethane	93	6.344	6.350	-0.006	86	14052	5.00	
67 Dichlorobromomethane	83	6.502	6.496	0.006	92	23487	4.73	
70 2-Chloroethyl vinyl ether	63	6.777	6.777	0.0	91	117803	24.4	
72 cis-1,3-Dichloropropene	75	6.923	6.917	0.006	81	32510	4.86	
73 4-Methyl-2-pentanone (MIBK)	43	7.063	7.057	0.006	98	283537	24.6	
74 Toluene	92	7.215	7.216	-0.001	97	61102	4.80	
76 trans-1,3-Dichloropropene	75	7.478	7.478	0.0	94	29485	4.91	
78 Ethyl methacrylate	69	7.532	7.533	-0.001	94	39507	4.90	
79 1,1,2-Trichloroethane	83	7.667	7.673	-0.006	88	18634	4.73	
80 Tetrachloroethene	166	7.758	7.758	0.0	90	25263	4.85	
81 1,3-Dichloropropane	76	7.831	7.831	0.0	98	40929	4.74	
82 2-Hexanone	43	7.898	7.898	0.0	99	210267	24.6	
83 Chlorodibromomethane	129	8.075	8.075	0.0	82	17432	4.86	
84 Ethylene Dibromide	107	8.179	8.179	0.0	94	22906	4.77	
86 Chlorobenzene	112	8.666	8.667	-0.001	77	68273	4.73	
88 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.0	36	19452	4.91	
89 Ethylbenzene	91	8.758	8.758	0.0	98	114504	4.83	
90 m-Xylene & p-Xylene	106	8.880	8.880	0.0	99	92142	9.61	
91 o-Xylene	106	9.307	9.307	-0.001	97	42557	4.71	
92 Styrene	104	9.337	9.337	0.0	96	65880	4.76	
93 Bromoform	173	9.575	9.569	0.006	91	9478	4.79	
95 Isopropylbenzene	105	9.691	9.691	0.0	96	111289	4.84	
97 Bromobenzene	156	10.026	10.026	0.0	94	26943	4.76	
98 1,1,2,2-Tetrachloroethane	83	10.056	10.057	-0.001	81	33295	4.83	
99 1,2,3-Trichloropropane	110	10.093	10.093	0.0	74	11967	4.83	
101 N-Propylbenzene	91	10.105	10.105	0.0	95	136052	4.86	
100 trans-1,4-Dichloro-2-butene	53	10.105	10.105	0.0	59	50618	25.3	
102 2-Chlorotoluene	126	10.209	10.209	0.0	95	26583	4.67	
104 1,3,5-Trimethylbenzene	105	10.282	10.282	0.0	93	94406	4.90	
105 4-Chlorotoluene	126	10.319	10.319	-0.001	96	28667	4.81	
106 tert-Butylbenzene	134	10.599	10.599	0.0	92	20707	4.81	
107 1,2,4-Trimethylbenzene	105	10.648	10.648	0.0	96	94767	4.85	
109 sec-Butylbenzene	105	10.806	10.806	0.0	93	118535	4.80	
110 1,3-Dichlorobenzene	146	10.940	10.940	0.0	98	56482	4.77	
111 4-Isopropyltoluene	119	10.946	10.947	-0.001	97	98059	4.83	
113 1,4-Dichlorobenzene	146	11.026	11.026	0.0	94	57984	4.79	
115 n-Butylbenzene	91	11.324	11.325	-0.001	97	87150	4.69	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	96	54846	4.69	
117 1,2-Dibromo-3-Chloropropane	75	12.086	12.093	-0.007	63	6487	4.70	
119 1,2,4-Trichlorobenzene	180	12.775	12.776	-0.001	93	39309	4.71	
120 Hexachlorobutadiene	225	12.891	12.891	0.0	91	15556	4.82	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	12.989	12.989	0.0	97	131828	4.89	
122 1,2,3-Trichlorobenzene	180	13.190	13.190	0.0	95	39167	4.75	
S 123 Total BTEX	1				0		28.7	
S 124 Xylenes, Total	1				0		14.3	
S 125 1,2-Dichloroethene, Total	1				0		9.52	
S 126 1,3-Dichloropropene, Total	1				0		9.78	

QC Flag Legend

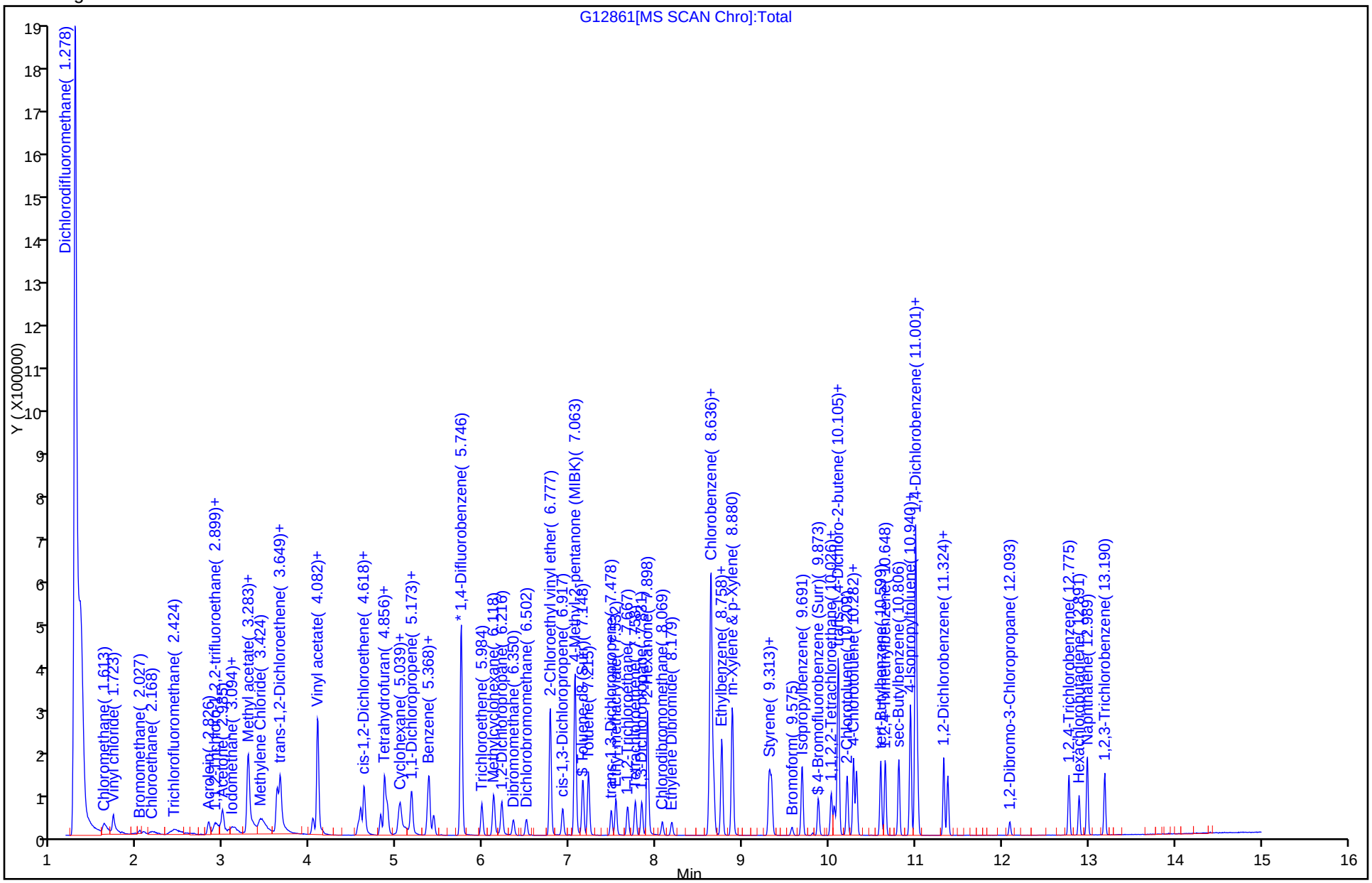
Review Flags
M - Manually Integrated

Report Date: 09-Jul-2012 18:24:37 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12861.D

Injection Date:	09-Jul-2012 12:34:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	4
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



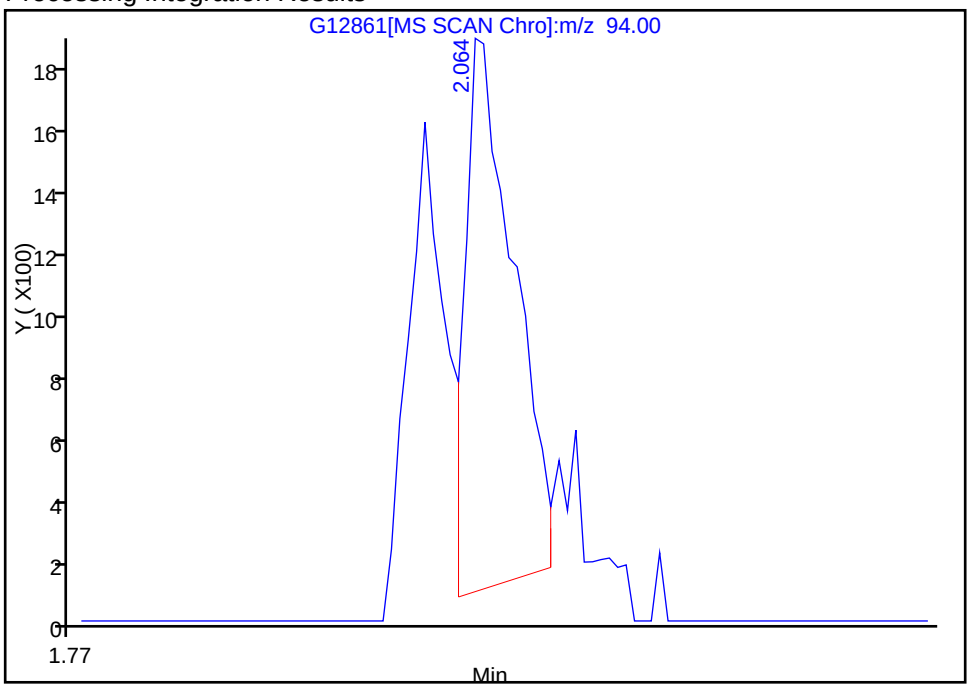
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12861.D		
Injection Date:	09-Jul-2012 12:34:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	4
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 2.03

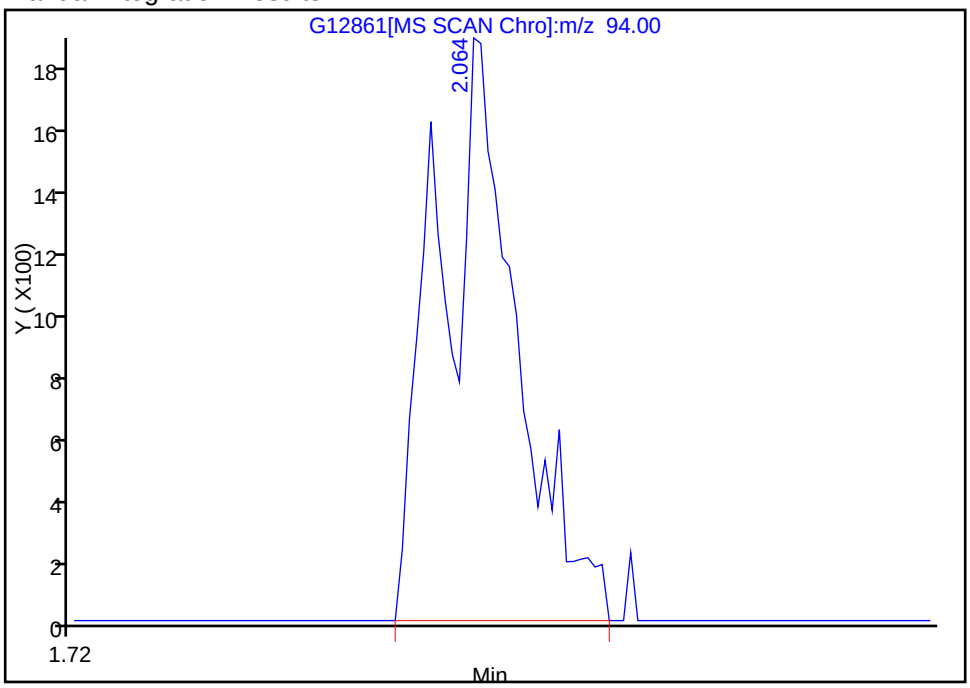
Processing Integration Results

RT: 2.06
Response: 4387
Amount: 4.412710



Manual Integration Results

RT: 2.06
Response: 8703
Amount: 6.157982



Reviewer: larsonr, 09-Jul-2012 18:21:15
Audit Action: Manually Integrated
Audit Reason: Split Peak

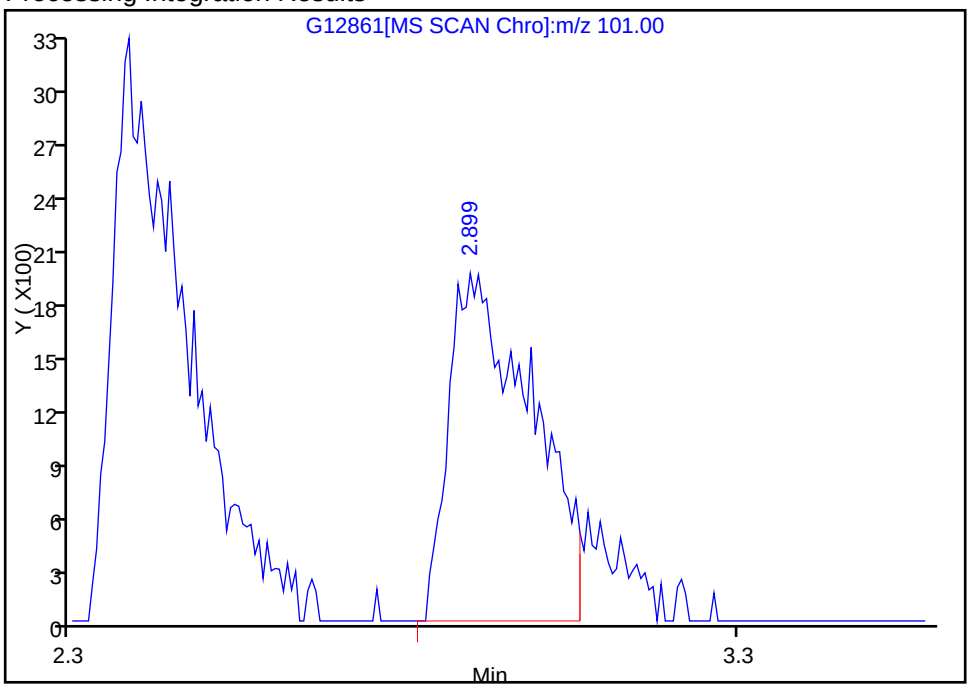
Manual Integration/User Assign Peak Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12861.D
Injection Date: 09-Jul-2012 12:34:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973G
Lims Batch ID: 71552 Lims Sample ID: 4
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

21 1,1,2-Trichloro-1,2,2-trifluoroethane, Signal: 1, m/z: 101.0 Type: quant, RT: 2.90

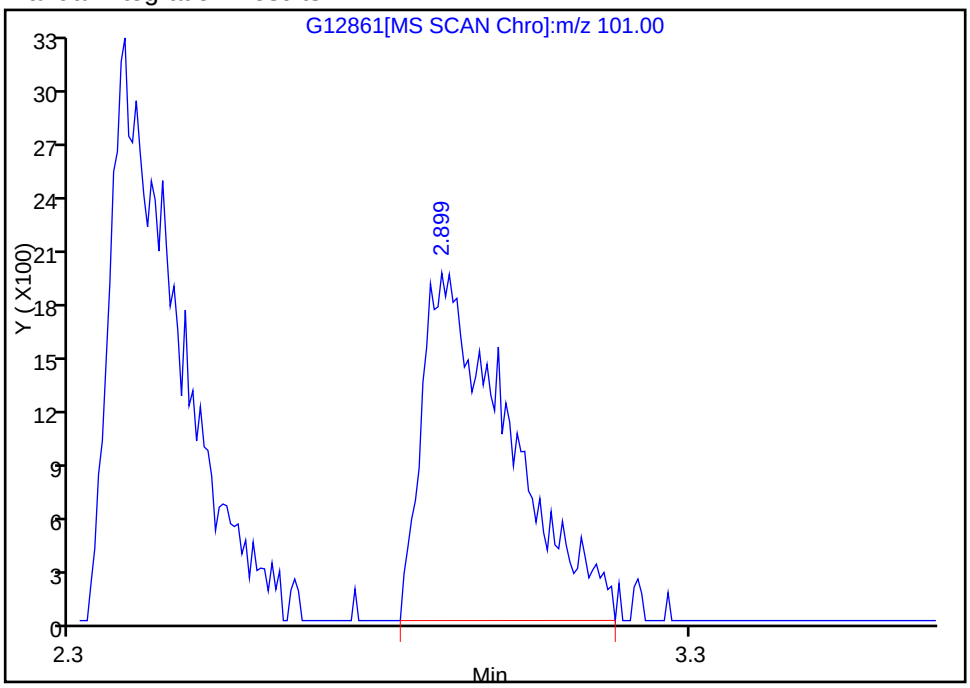
Processing Integration Results

RT: 2.90
Response: 16540
Amount: 4.480388



Manual Integration Results

RT: 2.90
Response: 18770
Amount: 4.887625



Reviewer: larsonr, 09-Jul-2012 18:24:37
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12862.D
Lims ID: IC 3 Client ID:
Inject. Date: 09-Jul-2012 12:56:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: IC 3
Misc. Info.: 480-0013234-005 =480-0013234-005
Operator: NMD Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 4
Lims Batch ID: 71552 Lims Sample ID: 5
Sublist: chrom-G-8260*sub1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G-8260.m
Last Update: 09-Jul-2012 18:33:54 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 09-Jul-2012 18:28:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	95	377872	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	85	186910	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	89	178321	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.356	0.0	0	27061	9.44	
$ 5 Toluene-d8 (Surr)	98	7.148	7.155	-0.007	92	159554	9.67	
$ 6 4-Bromofluorobenzene (Surr)	174	9.879	9.880	-0.001	87	47877	9.81	
10 Dichlorodifluoromethane	85	1.454	1.448	0.006	93	38869	9.90	
12 Chloromethane	50	1.619	1.625	-0.006	89	78272	9.72	
13 Vinyl chloride	62	1.729	1.729	0.0	72	50325	9.53	
14 Bromomethane	94	2.076	2.070	0.006	78	16541	10.1	M
15 Chloroethane	64	2.192	2.162	0.030	85	25931	10.2	
17 Trichlorofluoromethane	101	2.387	2.393	-0.006	93	50229	9.99	
19 Acrolein	56	2.820	2.826	-0.006	96	78330	192.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.893	2.899	-0.006	43	37306	9.65	
20 1,1-Dichloroethene	96	2.911	2.924	-0.013	89	43136	9.96	
22 Acetone	43	2.984	2.985	-0.001	98	121357	46.2	
23 Iodomethane	142	3.076	3.076	0.0	84	37591	9.37	M
24 Carbon disulfide	76	3.100	3.107	-0.007	99	124639	9.79	
27 Acetonitrile	40	3.283	3.277	0.006	99	218000	309.2	
28 Methyl acetate	43	3.289	3.290	-0.001	98	120297	9.71	
29 Methylene Chloride	84	3.429	3.436	-0.007	85	58633	9.47	
32 trans-1,2-Dichloroethene	96	3.618	3.619	-0.001	34	50401	9.52	
31 Methyl tert-butyl ether	73	3.618	3.619	-0.001	93	165756	9.99	
33 Acrylonitrile	53	3.655	3.655	0.0	97	178322	47.9	
36 1,1-Dichloroethane	63	4.033	4.033	0.0	84	87937	9.66	
38 Vinyl acetate	43	4.082	4.082	0.0	96	835973	51.0	
42 2,2-Dichloropropane	77	4.551	4.558	-0.007	93	29422	9.62	
43 cis-1,2-Dichloroethene	96	4.582	4.588	-0.006	72	47777	9.67	
44 2-Butanone (MEK)	43	4.618	4.619	-0.001	98	298237	49.4	
48 Chlorobromomethane	128	4.813	4.820	-0.007	86	24171	10.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.856	4.850	0.006	95	208142	49.3	
50 Chloroform	85	4.893	4.893	0.0	82	48115	9.64	
51 1,1,1-Trichloroethane	97	5.021	5.021	0.0	91	48184	9.89	
52 Cyclohexane	56	5.039	5.045	-0.006	94	115415	9.53	
53 Carbon tetrachloride	117	5.161	5.167	-0.006	80	41626	9.45	
54 1,1-Dichloropropene	75	5.173	5.173	0.0	90	63193	9.72	
56 Benzene	78	5.374	5.375	0.0	98	193232	9.83	
57 1,2-Dichloroethane	62	5.429	5.429	0.0	88	70023	9.86	
61 Trichloroethene	95	5.984	5.984	0.0	92	46004	9.79	
62 Methylcyclohexane	83	6.118	6.118	0.0	97	69182	9.23	
63 1,2-Dichloropropane	63	6.215	6.216	-0.001	92	55166	9.93	
65 Dibromomethane	93	6.350	6.350	0.0	90	27727	9.88	
67 Dichlorobromomethane	83	6.496	6.496	0.0	91	50270	9.85	
70 2-Chloroethyl vinyl ether	63	6.776	6.777	-0.001	91	245219	50.4	
72 cis-1,3-Dichloropropene	75	6.917	6.917	0.0	83	68673	9.92	
73 4-Methyl-2-pentanone (MIBK)	43	7.057	7.057	0.0	98	577354	50.8	
74 Toluene	92	7.215	7.216	-0.001	97	120809	9.73	
76 trans-1,3-Dichloropropene	75	7.477	7.478	-0.001	95	62963	9.90	
78 Ethyl methacrylate	69	7.532	7.533	-0.001	96	83355	9.94	
79 1,1,2-Trichloroethane	83	7.666	7.673	-0.007	88	38370	9.97	
80 Tetrachloroethene	166	7.758	7.758	0.0	92	49822	9.89	
81 1,3-Dichloropropane	76	7.831	7.831	0.0	98	83076	9.77	
82 2-Hexanone	43	7.898	7.898	0.0	99	434288	50.5	
83 Chlorodibromomethane	129	8.069	8.075	-0.006	88	36934	9.73	
84 Ethylene Dibromide	107	8.179	8.179	0.0	96	47905	9.98	
86 Chlorobenzene	112	8.666	8.667	-0.001	86	137696	9.86	
88 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.0	83	39845	9.84	
89 Ethylbenzene	91	8.758	8.758	0.0	98	226533	9.81	
90 m-Xylene & p-Xylene	106	8.880	8.880	0.0	99	182493	19.6	
91 o-Xylene	106	9.306	9.307	-0.001	98	88015	9.92	
92 Styrene	104	9.331	9.337	-0.006	95	140727	10.1	
93 Bromoform	173	9.569	9.569	-0.001	96	22058	8.79	
95 Isopropylbenzene	105	9.684	9.691	-0.007	95	230236	10.1	
97 Bromobenzene	156	10.026	10.026	0.0	97	56539	10.1	
98 1,1,2,2-Tetrachloroethane	83	10.056	10.057	-0.001	81	69242	9.93	
99 1,2,3-Trichloropropane	110	10.099	10.093	0.006	76	23756	9.76	
101 N-Propylbenzene	91	10.105	10.105	0.0	94	281603	10.1	
100 trans-1,4-Dichloro-2-butene	53	10.105	10.105	0.0	62	116032	47.0	
102 2-Chlorotoluene	126	10.209	10.209	0.0	96	55263	9.89	
104 1,3,5-Trimethylbenzene	105	10.282	10.282	0.0	92	192038	9.99	
105 4-Chlorotoluene	126	10.318	10.319	-0.001	89	57261	9.73	
106 tert-Butylbenzene	134	10.599	10.599	0.0	92	42680	9.90	
107 1,2,4-Trimethylbenzene	105	10.648	10.648	0.0	97	197113	10.1	
109 sec-Butylbenzene	105	10.806	10.806	0.0	94	244147	9.97	
110 1,3-Dichlorobenzene	146	10.940	10.940	0.0	98	114310	9.87	
111 4-Isopropyltoluene	119	10.946	10.947	-0.001	97	205189	10.1	
113 1,4-Dichlorobenzene	146	11.026	11.026	0.0	95	117558	9.86	
115 n-Butylbenzene	91	11.324	11.325	-0.001	97	182791	9.87	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	96	113248	9.85	
117 1,2-Dibromo-3-Chloropropane	75	12.092	12.093	-0.001	71	14039	9.39	
119 1,2,4-Trichlorobenzene	180	12.775	12.776	-0.001	92	81268	9.62	
120 Hexachlorobutadiene	225	12.891	12.891	0.0	95	30576	9.62	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	12.982	12.989	-0.007	97	279871	10.0	
122 1,2,3-Trichlorobenzene	180	13.190	13.190	0.0	96	82138	9.90	
S 123 Total BTEX	1				0		58.9	
S 124 Xylenes, Total	1				0		29.5	
S 125 1,2-Dichloroethene, Total	1				0		19.2	
S 126 1,3-Dichloropropene, Total	1				0		19.8	

QC Flag Legend

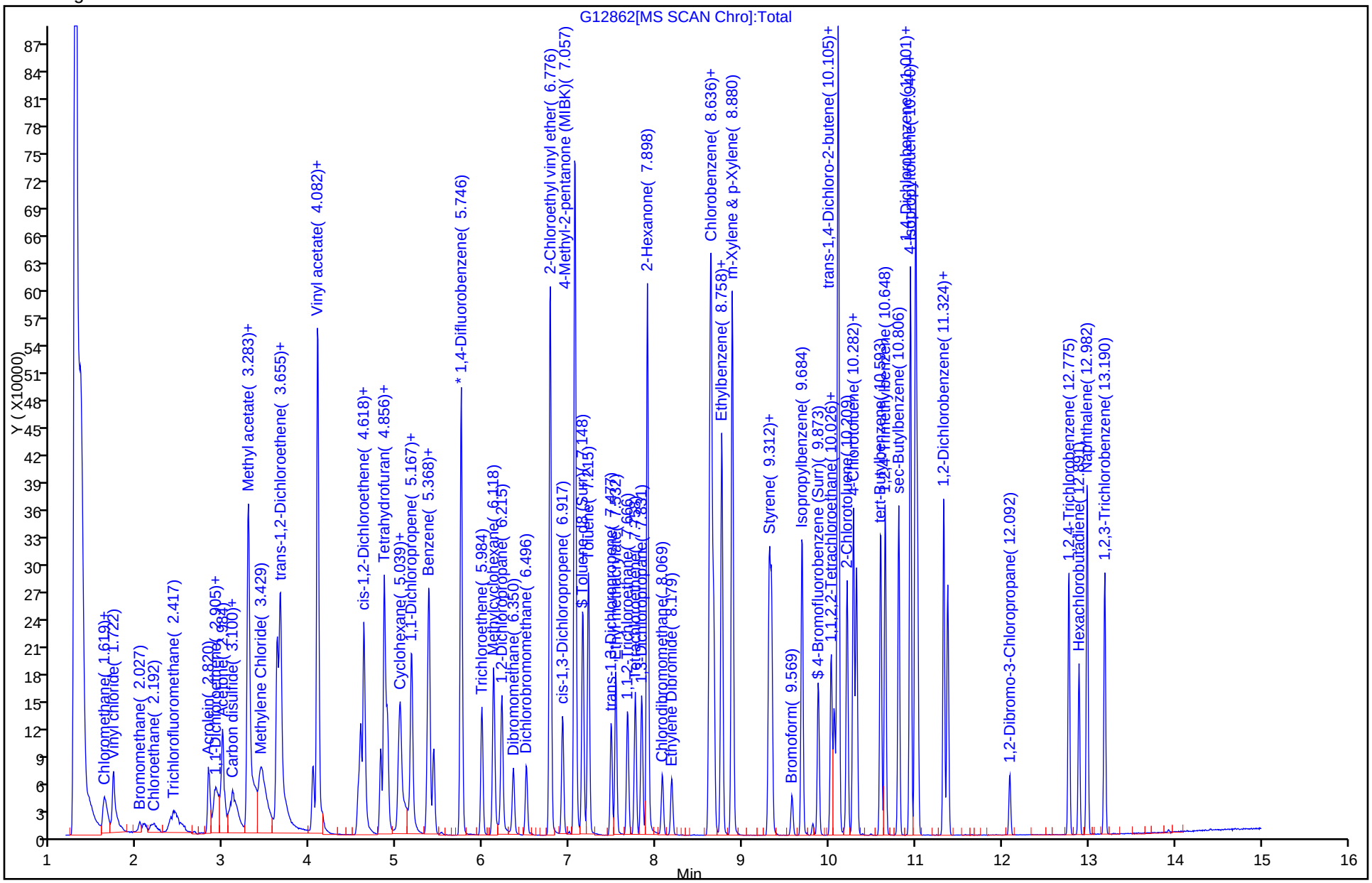
Review Flags
M - Manually Integrated

Report Date: 09-Jul-2012 18:33:54 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12862.D

Injection Date:	09-Jul-2012 12:56:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	5
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



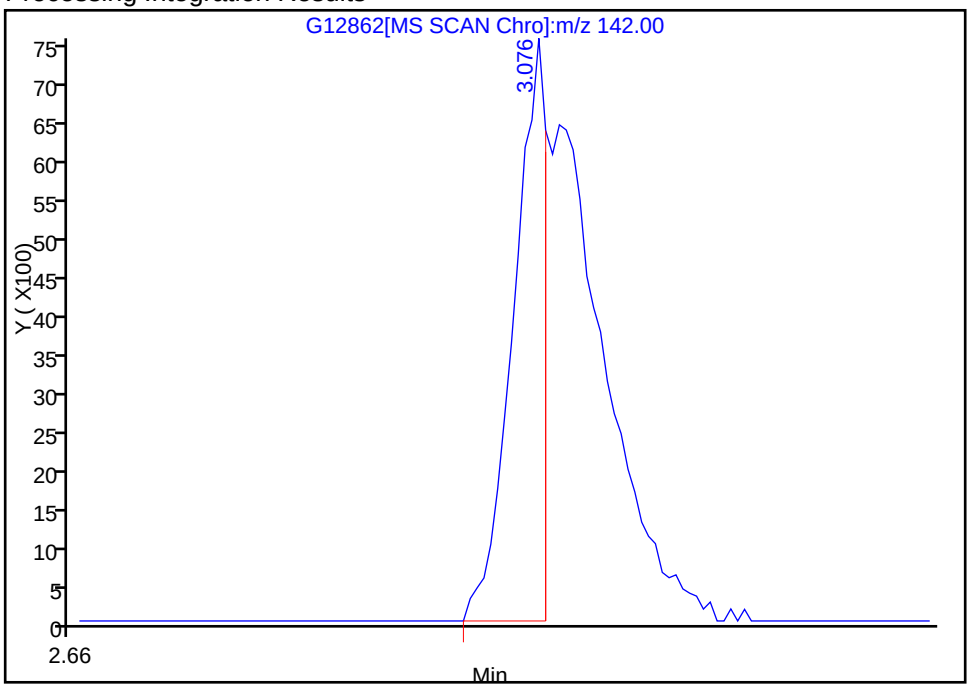
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12862.D		
Injection Date:	09-Jul-2012 12:56:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	5
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

23 Iodomethane, Signal: 1, m/z: 142.0 Type: quant, RT: 3.08

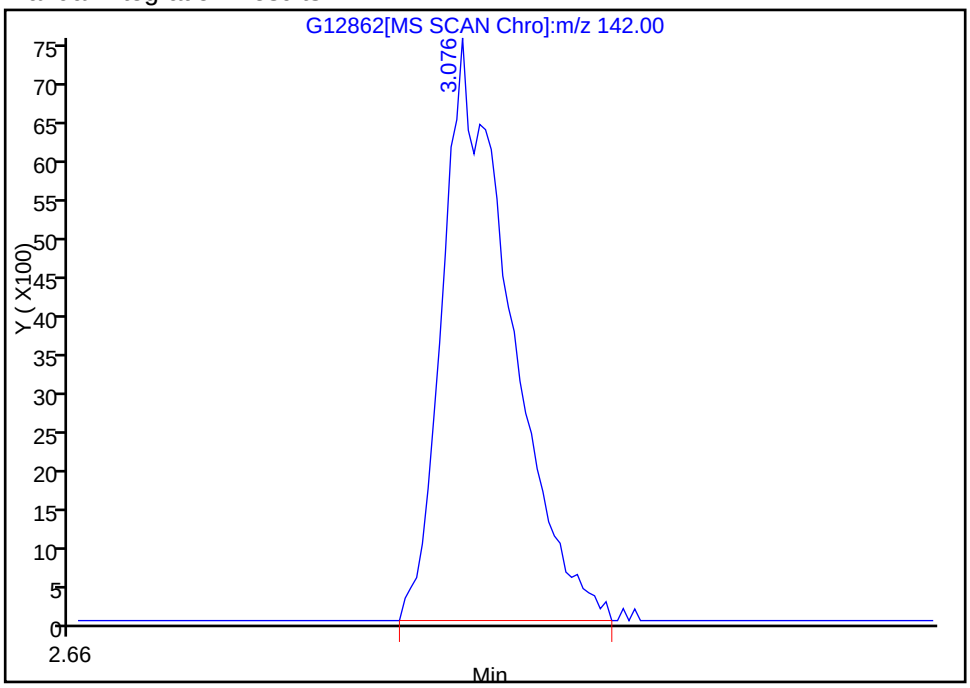
Processing Integration Results

RT: 3.08
Response: 15194
Amount: 4.753645



Manual Integration Results

RT: 3.08
Response: 37591
Amount: 9.369799



Reviewer: larsonr, 09-Jul-2012 18:28:04
Audit Action: Manually Integrated
Audit Reason: Split Peak

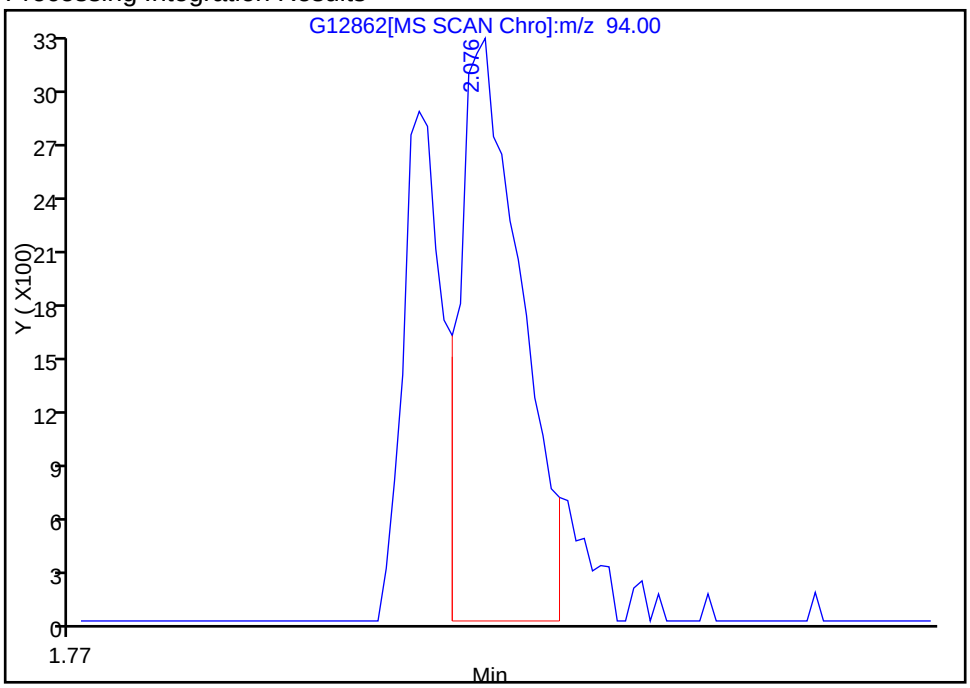
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12862.D		
Injection Date:	09-Jul-2012 12:56:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	5
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 2.07

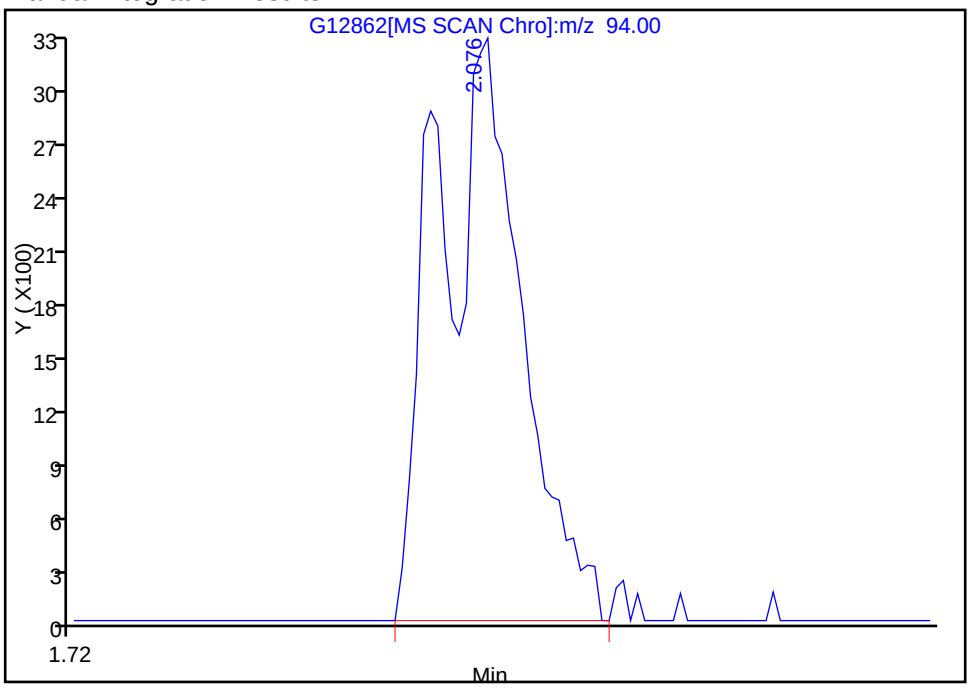
Processing Integration Results

RT: 2.08
Response: 10266
Amount: 7.268604



Manual Integration Results

RT: 2.08
Response: 16541
Amount: 10.089313



Reviewer: larsonr, 09-Jul-2012 18:28:04
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12863.D
Lims ID: ICIS 4 Client ID:
Inject. Date: 09-Jul-2012 13:19:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 4
Sample ID: ICIS 4
Misc. Info.: 480-0013234-006 =480-0013234-006
Operator: NMD Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 5
Lims Batch ID: 71552 Lims Sample ID: 6
Sublist: chrom-G-8260*sub1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G-8260.m
Last Update: 09-Jul-2012 18:33:55 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 09-Jul-2012 18:30:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	372219	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	86	184841	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	87	175757	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.356	0.0	0	73400	26.0	
$ 5 Toluene-d8 (Surr)	98	7.155	7.155	0.0	92	460779	28.2	
$ 6 4-Bromofluorobenzene (Surr)	174	9.880	9.880	0.0	89	134352	27.8	
10 Dichlorodifluoromethane	85	1.448	1.448	0.0	86	96775	25.0	
12 Chloromethane	50	1.625	1.625	0.0	89	194298	24.5	
13 Vinyl chloride	62	1.729	1.729	0.0	83	124336	23.9	
14 Bromomethane	94	2.070	2.070	0.0	87	41100	25.5	M
15 Chloroethane	64	2.162	2.162	0.0	92	60938	24.3	
17 Trichlorofluoromethane	101	2.393	2.393	0.0	86	132360	26.7	
19 Acrolein	56	2.826	2.826	0.0	96	200550	501.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.899	2.899	0.0	57	91908	24.1	
20 1,1-Dichloroethene	96	2.924	2.924	0.0	94	102833	24.3	
22 Acetone	43	2.985	2.985	0.0	99	301493	116.4	
23 Iodomethane	142	3.076	3.076	0.0	95	96232	24.4	
24 Carbon disulfide	76	3.107	3.107	0.0	100	301343	24.0	
27 Acetonitrile	40	3.277	3.277	0.0	99	758035	1091.4	
28 Methyl acetate	43	3.290	3.290	0.0	98	298381	24.5	
29 Methylene Chloride	84	3.436	3.436	0.0	86	143454	23.5	
32 trans-1,2-Dichloroethene	96	3.619	3.619	0.0	92	125226	24.0	
31 Methyl tert-butyl ether	73	3.619	3.619	0.0	93	410146	25.1	
33 Acrylonitrile	53	3.655	3.655	0.0	98	464000	126.6	
36 1,1-Dichloroethane	63	4.033	4.033	0.0	85	222019	24.8	M
38 Vinyl acetate	43	4.082	4.082	0.0	97	2066929	127.9	
42 2,2-Dichloropropane	77	4.558	4.558	0.0	91	73965	24.5	
43 cis-1,2-Dichloroethene	96	4.588	4.588	0.0	71	121823	25.0	
44 2-Butanone (MEK)	43	4.619	4.619	0.0	98	748039	125.8	
48 Chlorobromomethane	128	4.820	4.820	0.0	87	57988	24.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.850	4.850	0.0	95	520748	125.3	
50 Chloroform	85	4.893	4.893	0.0	82	120531	24.5	
51 1,1,1-Trichloroethane	97	5.021	5.021	0.0	92	124833	26.0	
52 Cyclohexane	56	5.045	5.045	0.0	95	296635	24.9	
53 Carbon tetrachloride	117	5.167	5.167	0.0	74	111235	25.6	
54 1,1-Dichloropropene	75	5.173	5.173	0.0	92	157602	24.6	
56 Benzene	78	5.375	5.375	0.0	97	473465	24.4	
57 1,2-Dichloroethane	62	5.429	5.429	0.0	87	172744	24.7	
61 Trichloroethene	95	5.984	5.984	0.0	93	112087	24.2	
62 Methylcyclohexane	83	6.118	6.118	0.0	97	181062	24.5	
63 1,2-Dichloropropane	63	6.216	6.216	0.0	92	135094	24.7	
65 Dibromomethane	93	6.350	6.350	0.0	90	69951	25.3	
67 Dichlorobromomethane	83	6.496	6.496	0.0	93	130169	25.9	
70 2-Chloroethyl vinyl ether	63	6.777	6.777	0.0	91	619652	129.4	
72 cis-1,3-Dichloropropene	75	6.917	6.917	0.0	85	179359	26.3	
73 4-Methyl-2-pentanone (MIBK)	43	7.057	7.057	0.0	98	1432587	127.4	
74 Toluene	92	7.216	7.216	0.0	98	302707	24.7	
76 trans-1,3-Dichloropropene	75	7.478	7.478	0.0	94	171298	27.2	
78 Ethyl methacrylate	69	7.533	7.533	0.0	96	221198	26.7	
79 1,1,2-Trichloroethane	83	7.673	7.673	0.0	87	93511	24.6	
80 Tetrachloroethene	166	7.758	7.758	0.0	92	122020	24.5	
81 1,3-Dichloropropane	76	7.831	7.831	0.0	98	211277	25.1	
82 2-Hexanone	43	7.898	7.898	0.0	99	1117444	131.3	
83 Chlorodibromomethane	129	8.075	8.075	0.0	88	100884	26.9	
84 Ethylene Dibromide	107	8.179	8.179	0.0	98	121378	25.6	
86 Chlorobenzene	112	8.667	8.667	0.0	92	336023	24.3	
88 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.0	86	103948	26.0	
89 Ethylbenzene	91	8.758	8.758	0.0	98	565371	24.8	
90 m-Xylene & p-Xylene	106	8.880	8.880	0.0	99	452755	49.1	
91 o-Xylene	106	9.307	9.307	0.0	98	218488	24.9	
92 Styrene	104	9.337	9.337	0.0	96	356450	25.8	
93 Bromoform	173	9.569	9.569	0.0	97	63593	24.5	
95 Isopropylbenzene	105	9.691	9.691	0.0	96	575154	25.6	
97 Bromobenzene	156	10.026	10.026	0.0	96	139963	25.3	
98 1,1,2,2-Tetrachloroethane	83	10.057	10.057	0.0	81	177725	25.9	
99 1,2,3-Trichloropropane	110	10.093	10.093	0.0	76	59720	24.9	
101 N-Propylbenzene	91	10.105	10.105	0.0	92	707666	25.7	
100 trans-1,4-Dichloro-2-butene	53	10.105	10.105	0.0	66	324481	128.8	
102 2-Chlorotoluene	126	10.209	10.209	0.0	96	136338	24.7	
104 1,3,5-Trimethylbenzene	105	10.282	10.282	0.0	93	484248	25.5	
105 4-Chlorotoluene	126	10.319	10.319	0.0	96	146576	25.3	
106 tert-Butylbenzene	134	10.599	10.599	0.0	89	109194	25.7	
107 1,2,4-Trimethylbenzene	105	10.648	10.648	0.0	97	491478	25.6	
109 sec-Butylbenzene	105	10.806	10.806	0.0	93	611568	25.3	
110 1,3-Dichlorobenzene	146	10.940	10.940	0.0	98	283910	24.9	
111 4-Isopropyltoluene	119	10.947	10.947	0.0	97	512488	25.6	
113 1,4-Dichlorobenzene	146	11.026	11.026	0.0	95	292766	24.9	
115 n-Butylbenzene	91	11.325	11.325	0.0	98	464166	25.4	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	96	281636	24.9	
117 1,2-Dibromo-3-Chloropropane	75	12.093	12.093	0.0	79	40731	27.7	
119 1,2,4-Trichlorobenzene	180	12.776	12.776	0.0	94	214598	25.8	
120 Hexachlorobutadiene	225	12.891	12.891	0.0	97	77685	24.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	12.989	12.989	0.0	97	742355	26.9	
122 1,2,3-Trichlorobenzene	180	13.190	13.190	0.0	95	209588	25.6	
S 123 Total BTEX	1				0		147.9	
S 124 Xylenes, Total	1				0		74.0	
S 125 1,2-Dichloroethene, Total	1				0		49.1	
S 126 1,3-Dichloropropene, Total	1				0		53.5	

QC Flag Legend

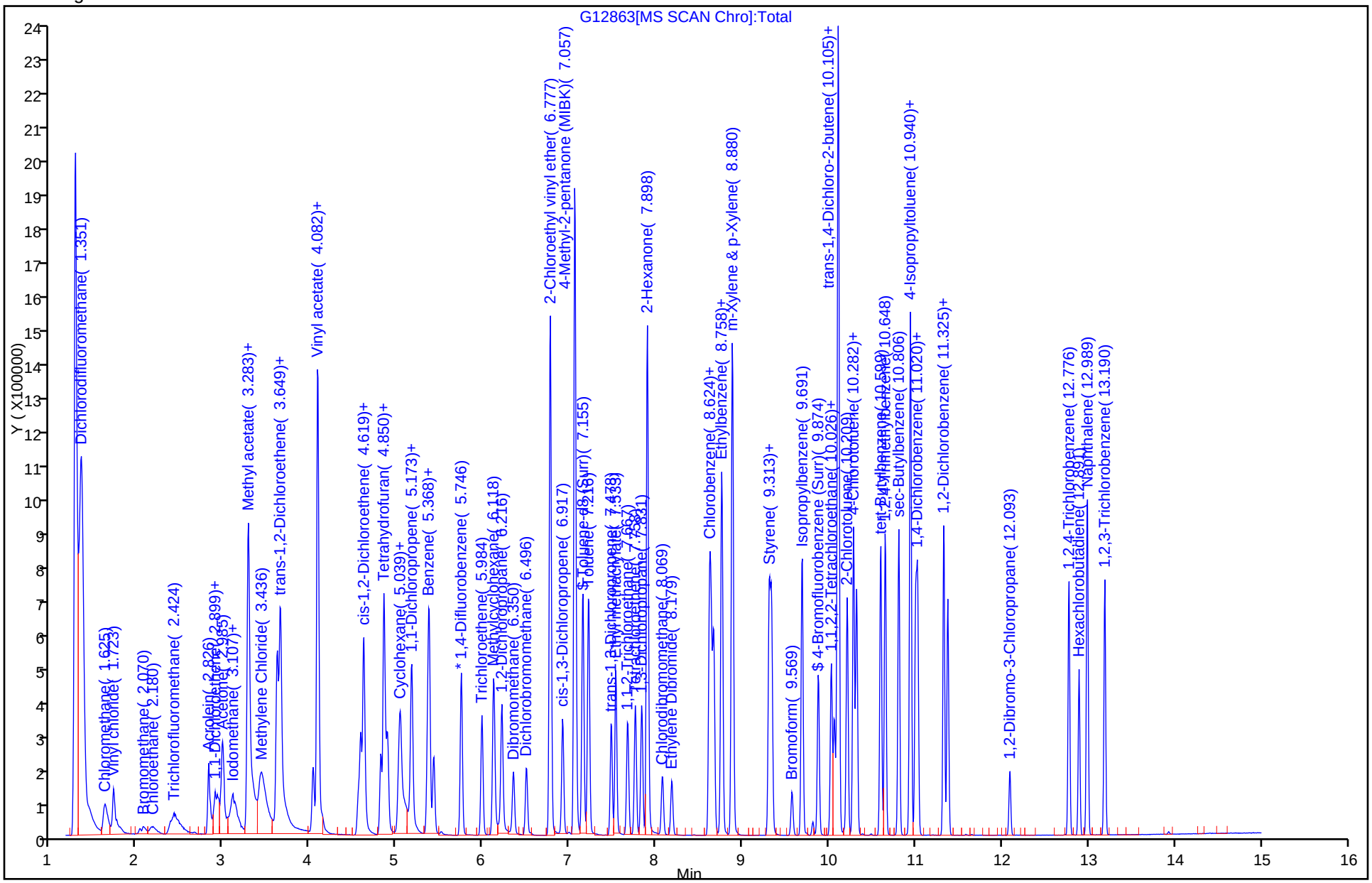
Review Flags
M - Manually Integrated

Report Date: 09-Jul-2012 18:33:56 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12863.D

Injection Date:	09-Jul-2012 13:19:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	6
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



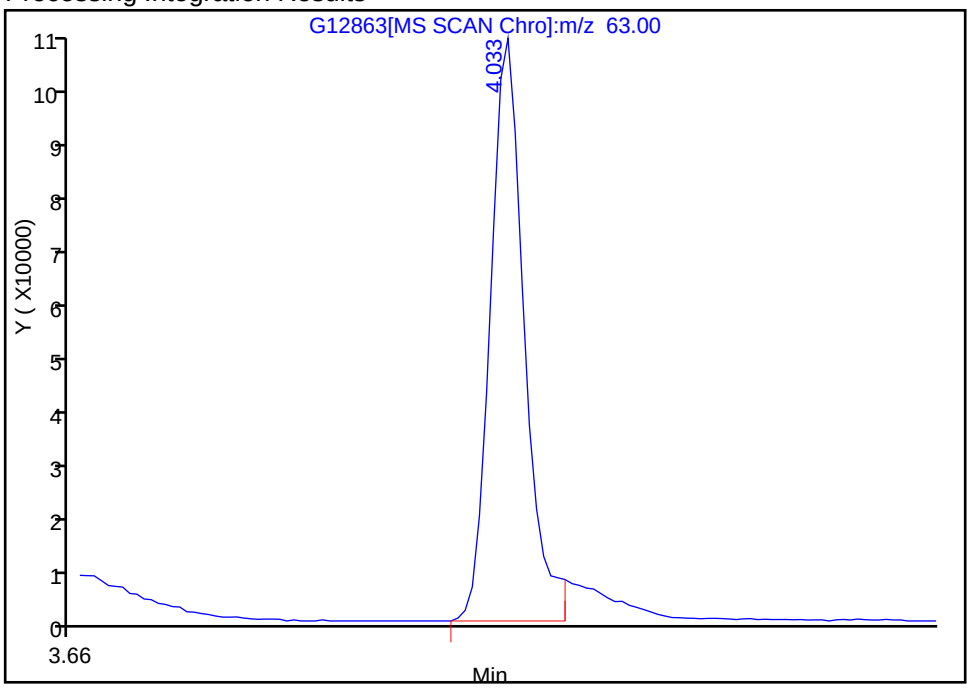
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12863.D		
Injection Date:	09-Jul-2012 13:19:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	6
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

36 1,1-Dichloroethane, Signal: 1, m/z: 63.0 Type: quant, RT: 4.03

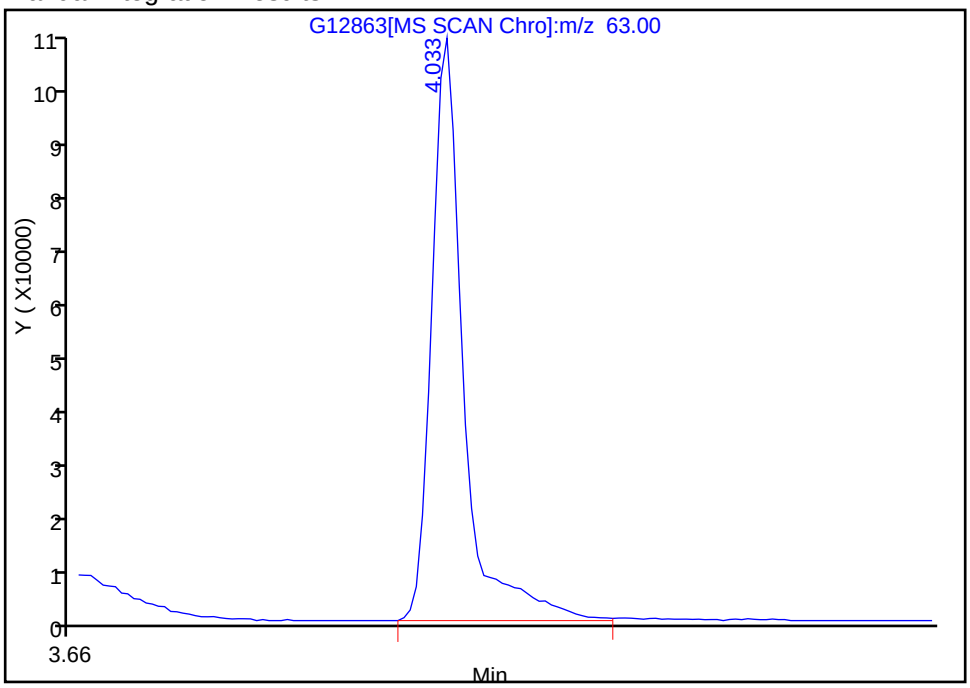
Processing Integration Results

RT: 4.03
Response: 202948
Amount: 23.029753



Manual Integration Results

RT: 4.03
Response: 222019
Amount: 24.765102



Reviewer: larsonr, 09-Jul-2012 18:33:52
Audit Action: Manually Integrated
Audit Reason: Split Peak

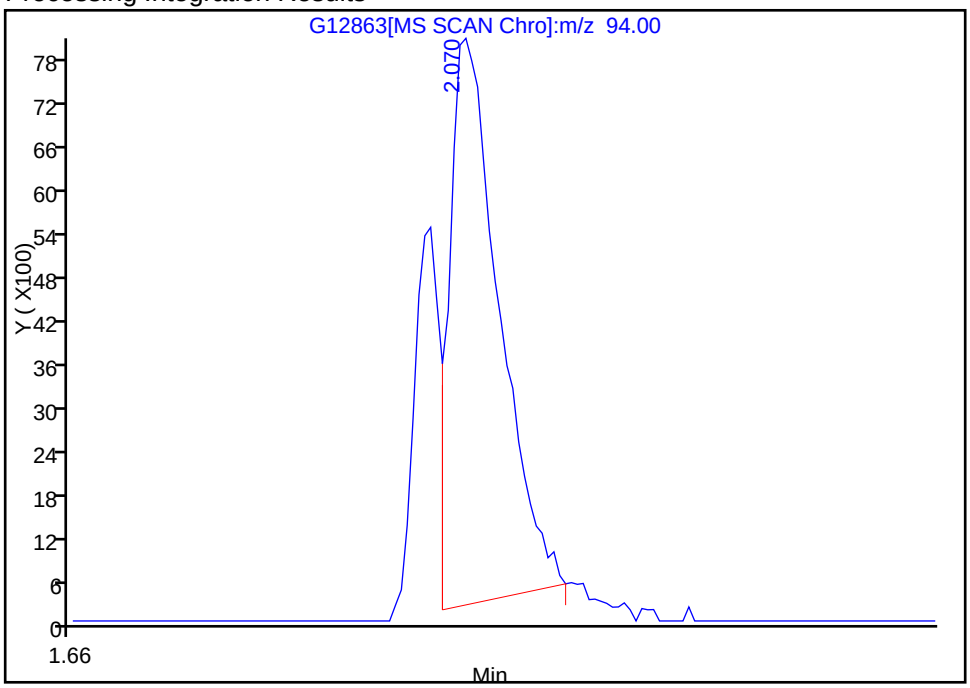
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12863.D		
Injection Date:	09-Jul-2012 13:19:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	6
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 2.07

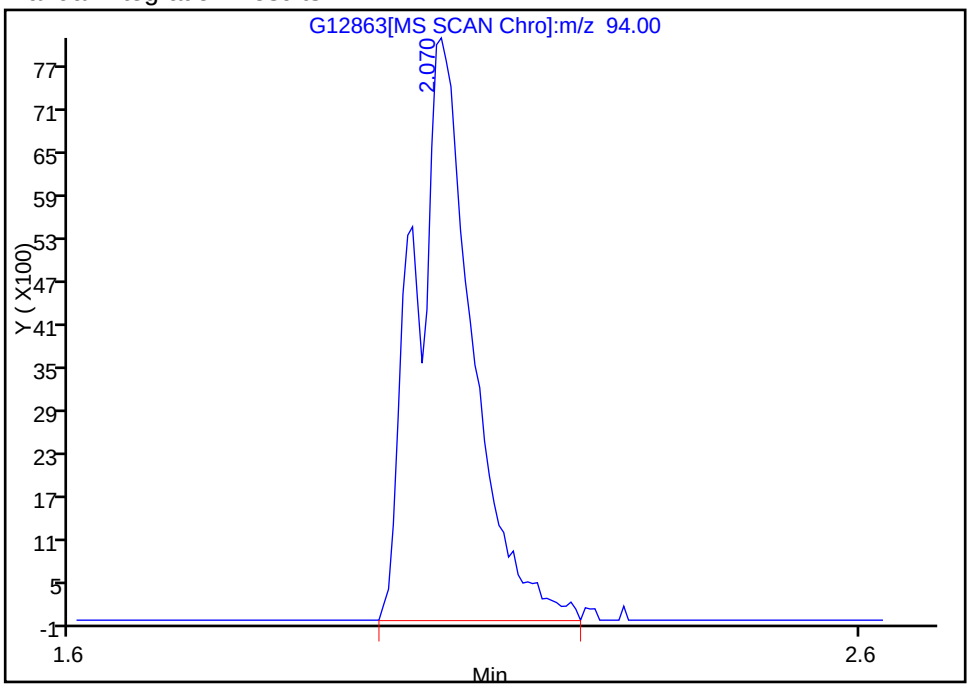
Processing Integration Results

RT: 2.07
Response: 28127
Amount: 19.014585



Manual Integration Results

RT: 2.07
Response: 41100
Amount: 25.450003



Reviewer: larsonr, 09-Jul-2012 18:30:23
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12864.D
Lims ID: IC 5 Client ID:
Inject. Date: 09-Jul-2012 13:41:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: IC 5
Misc. Info.: 480-0013234-007 =480-0013234-007
Operator: NMD Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 6
Lims Batch ID: 71552 Lims Sample ID: 7
Sublist: chrom-G-8260*sub1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G-8260.m
Last Update: 09-Jul-2012 18:35:39 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 09-Jul-2012 18:35:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	95	381217	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	85	187678	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	68	185484	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.356	0.0	0	147553	51.0	
$ 5 Toluene-d8 (Surr)	98	7.155	7.155	0.0	93	871134	52.6	
$ 6 4-Bromofluorobenzene (Surr)	174	9.874	9.880	-0.006	87	259811	53.0	
10 Dichlorodifluoromethane	85	1.454	1.448	0.006	87	191055	48.2	
12 Chloromethane	50	1.631	1.625	0.006	89	371803	45.8	
13 Vinyl chloride	62	1.735	1.729	0.006	83	260299	48.9	
14 Bromomethane	94	2.076	2.070	0.006	88	83921	50.7	M
15 Chloroethane	64	2.180	2.162	0.018	95	120149	46.7	
17 Trichlorofluoromethane	101	2.393	2.393	0.0	96	220876	43.5	
19 Acrolein	56	2.826	2.826	0.0	96	447388	1091.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.924	2.899	0.025	79	205959	52.8	
20 1,1-Dichloroethene	96	2.924	2.924	0.0	80	219001	50.7	
22 Acetone	43	2.985	2.985	0.0	99	670499	252.8	
23 Iodomethane	142	3.088	3.076	0.012	96	218082	53.9	
24 Carbon disulfide	76	3.113	3.107	0.006	100	665795	51.8	
27 Acetonitrile	40	3.283	3.277	0.006	99	1529608	2150.4	
28 Methyl acetate	43	3.289	3.290	-0.001	98	579262	46.4	
29 Methylene Chloride	84	3.436	3.436	0.0	86	286187	45.8	
32 trans-1,2-Dichloroethene	96	3.619	3.619	0.0	89	253604	47.5	
31 Methyl tert-butyl ether	73	3.613	3.619	-0.006	93	811776	48.5	
33 Acrylonitrile	53	3.655	3.655	0.0	98	919155	244.8	
36 1,1-Dichloroethane	63	4.033	4.033	0.0	85	436770	47.6	M
38 Vinyl acetate	43	4.082	4.082	0.0	97	3937835	238.0	
42 2,2-Dichloropropane	77	4.557	4.558	-0.001	91	146266	47.4	
43 cis-1,2-Dichloroethene	96	4.582	4.588	-0.006	72	237397	47.6	
44 2-Butanone (MEK)	43	4.612	4.619	-0.007	98	1474652	242.1	
48 Chlorobromomethane	128	4.814	4.820	-0.006	87	118244	48.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.850	4.850	0.0	95	1024475	240.8	
50 Chloroform	85	4.893	4.893	0.0	82	236329	47.0	
51 1,1,1-Trichloroethane	97	5.021	5.021	0.0	92	255208	51.9	
52 Cyclohexane	56	5.039	5.045	-0.006	95	596612	48.9	
53 Carbon tetrachloride	117	5.167	5.167	0.0	77	232275	52.3	
54 1,1-Dichloropropene	75	5.173	5.173	0.0	92	309829	47.2	
56 Benzene	78	5.374	5.375	0.0	97	924604	46.6	
57 1,2-Dichloroethane	62	5.429	5.429	0.0	88	339089	47.3	
61 Trichloroethene	95	5.984	5.984	0.0	93	224816	47.4	
62 Methylcyclohexane	83	6.124	6.118	0.006	97	369864	48.9	
63 1,2-Dichloropropane	63	6.216	6.216	0.0	94	269113	48.0	
65 Dibromomethane	93	6.344	6.350	-0.006	91	140058	49.5	
67 Dichlorobromomethane	83	6.496	6.496	0.0	93	269736	52.4	
70 2-Chloroethyl vinyl ether	63	6.777	6.777	0.0	90	1216911	248.1	
72 cis-1,3-Dichloropropene	75	6.917	6.917	0.0	86	368094	52.7	
73 4-Methyl-2-pentanone (MIBK)	43	7.057	7.057	0.0	98	2754308	241.2	
74 Toluene	92	7.215	7.216	-0.001	98	598685	48.0	
76 trans-1,3-Dichloropropene	75	7.478	7.478	0.0	94	352452	55.2	
78 Ethyl methacrylate	69	7.533	7.533	-0.001	96	450758	53.5	
79 1,1,2-Trichloroethane	83	7.667	7.673	-0.006	87	186731	48.3	
80 Tetrachloroethene	166	7.758	7.758	0.0	92	238863	47.2	
81 1,3-Dichloropropane	76	7.831	7.831	0.0	98	416258	48.7	
82 2-Hexanone	43	7.898	7.898	0.0	99	2147068	248.4	
83 Chlorodibromomethane	129	8.075	8.075	0.0	90	212245	55.7	
84 Ethylene Dibromide	107	8.179	8.179	0.0	98	241438	50.1	
86 Chlorobenzene	112	8.666	8.667	-0.001	92	665163	47.5	
88 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.0	39	213688	52.6	
89 Ethylbenzene	91	8.758	8.758	0.0	98	1107717	47.8	
90 m-Xylene & p-Xylene	106	8.880	8.880	0.0	98	896476	95.7	
91 o-Xylene	106	9.307	9.307	0.0	98	433523	48.7	
92 Styrene	104	9.337	9.337	0.0	96	708357	50.6	
93 Bromoform	173	9.575	9.569	0.006	98	139995	52.4	
95 Isopropylbenzene	105	9.691	9.691	0.0	96	1124078	47.3	
97 Bromobenzene	156	10.026	10.026	0.0	96	278222	47.7	
98 1,1,2,2-Tetrachloroethane	83	10.062	10.057	0.005	87	358648	49.4	
99 1,2,3-Trichloropropane	110	10.093	10.093	0.0	76	118819	46.9	
101 N-Propylbenzene	91	10.111	10.105	0.006	93	1380733	47.5	
100 trans-1,4-Dichloro-2-butene	53	10.105	10.105	0.0	69	675063	251.5	
102 2-Chlorotoluene	126	10.209	10.209	0.0	96	274746	47.3	
104 1,3,5-Trimethylbenzene	105	10.282	10.282	0.0	93	961548	48.1	
105 4-Chlorotoluene	126	10.319	10.319	0.0	96	287026	46.9	
106 tert-Butylbenzene	134	10.599	10.599	0.0	93	217095	48.4	
107 1,2,4-Trimethylbenzene	105	10.648	10.648	0.0	97	978422	48.2	
109 sec-Butylbenzene	105	10.806	10.806	0.0	94	1209614	47.5	
110 1,3-Dichlorobenzene	146	10.940	10.940	0.0	97	560435	46.5	
111 4-Isopropyltoluene	119	10.946	10.947	-0.001	97	1016483	48.2	
113 1,4-Dichlorobenzene	146	11.026	11.026	0.0	95	586352	47.3	
115 n-Butylbenzene	91	11.324	11.325	-0.001	98	931881	48.4	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	97	565574	47.3	
117 1,2-Dibromo-3-Chloropropane	75	12.093	12.093	0.0	83	86625	55.7	
119 1,2,4-Trichlorobenzene	180	12.775	12.776	-0.001	94	438615	49.9	
120 Hexachlorobutadiene	225	12.891	12.891	0.0	96	157804	47.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	12.989	12.989	0.0	97	1492507	51.3	
122 1,2,3-Trichlorobenzene	180	13.190	13.190	0.0	95	424659	49.2	
S 123 Total BTEX	1				0		286.8	
S 124 Xylenes, Total	1				0		144.4	
S 125 1,2-Dichloroethene, Total	1				0		95.1	
S 126 1,3-Dichloropropene, Total	1				0		107.9	

QC Flag Legend

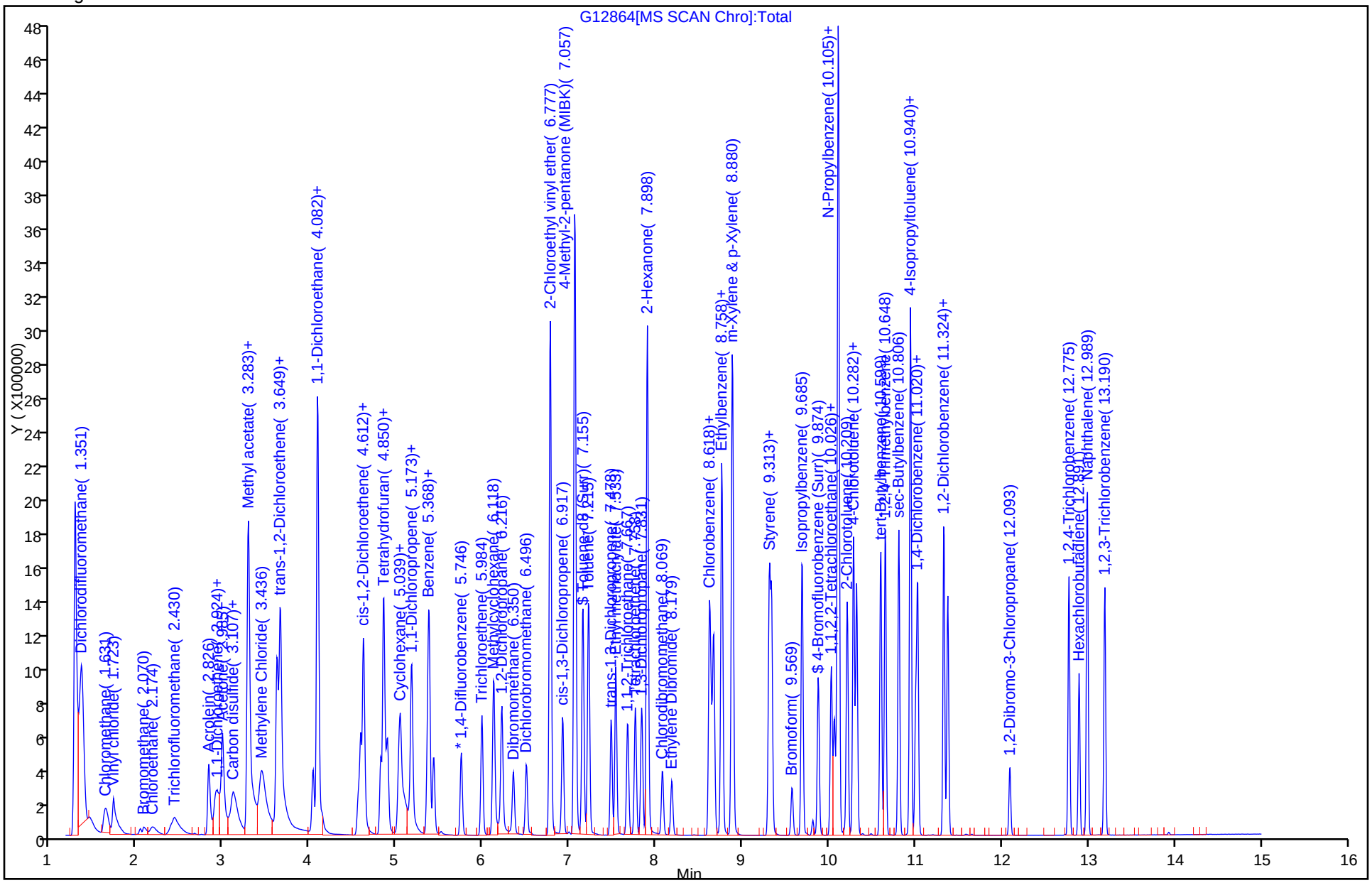
Review Flags
M - Manually Integrated

Report Date: 09-Jul-2012 18:35:39 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12864.D

Injection Date:	09-Jul-2012 13:41:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	7
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



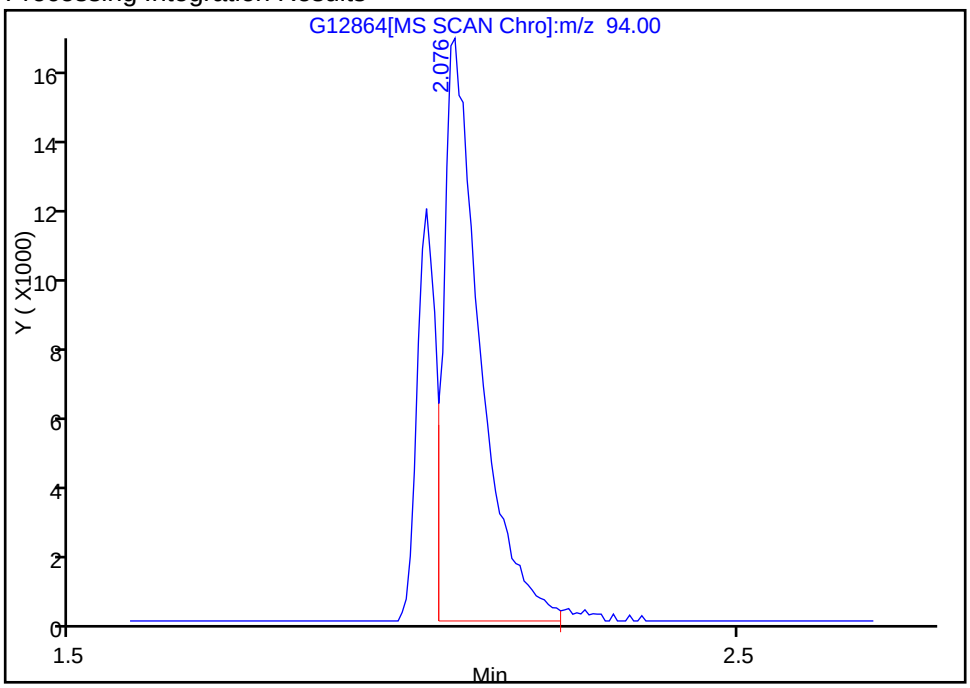
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12864.D		
Injection Date:	09-Jul-2012 13:41:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	7
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 2.07

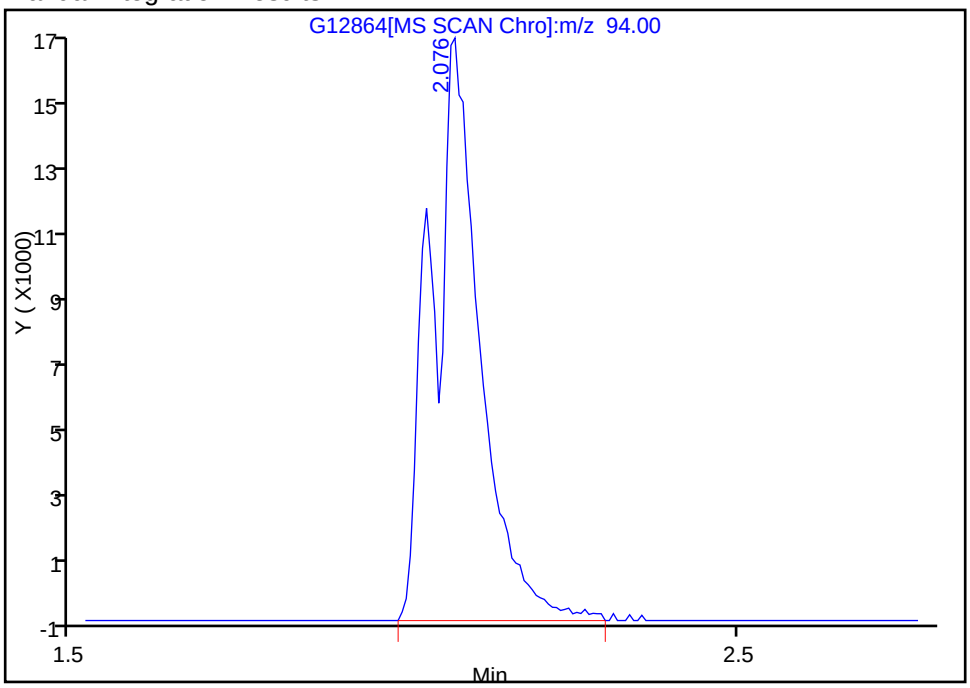
Processing Integration Results

RT: 2.08
Response: 62414
Amount: 39.806311



Manual Integration Results

RT: 2.08
Response: 83921
Amount: 50.739121



Reviewer: larsonr, 09-Jul-2012 18:31:23
Audit Action: Manually Integrated
Audit Reason: Split Peak

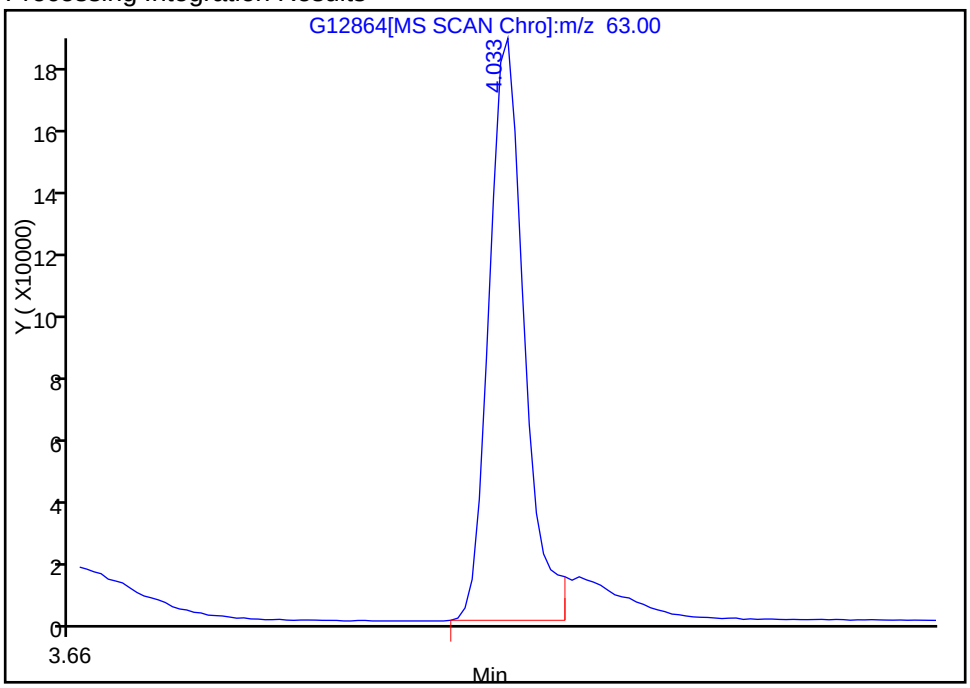
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12864.D		
Injection Date:	09-Jul-2012 13:41:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	7
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm

36 1,1-Dichloroethane, Signal: 1, m/z: 63.0 Type: quant, RT: 4.03

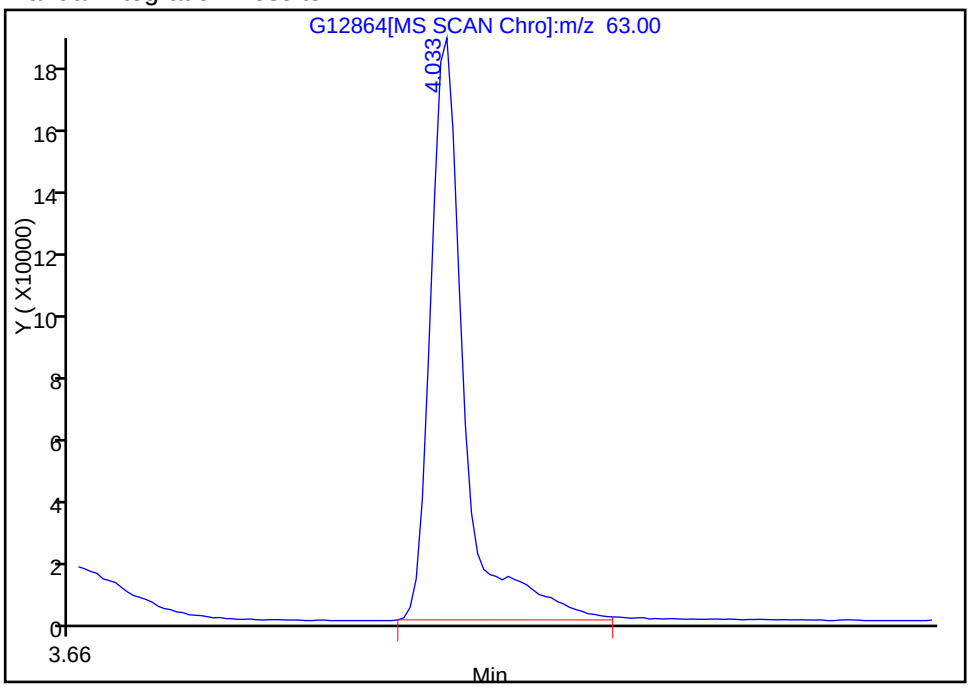
Processing Integration Results

RT: 4.03
Response: 391381
Amount: 44.305959



Manual Integration Results

RT: 4.03
Response: 436770
Amount: 47.622996



Reviewer: larsonr, 09-Jul-2012 18:35:39
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12865.D
Lims ID: IC 6 Client ID:
Inject. Date: 09-Jul-2012 14:04:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: IC 6
Misc. Info.: 480-0013234-008 =480-0013234-008
Operator: NMD Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 7
Lims Batch ID: 71552 Lims Sample ID: 8
Sublist: chrom-G-8260*sub1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G-8260.m
Last Update: 09-Jul-2012 19:40:28 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 09-Jul-2012 19:40:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	391485	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	86	192828	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	67	199907	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.356	0.0	0	297407	100.1	
$ 5 Toluene-d8 (Surr)	98	7.154	7.155	-0.001	93	1696282	99.7	
$ 6 4-Bromofluorobenzene (Surr)	174	9.879	9.880	-0.001	88	531073	104.5	
10 Dichlorodifluoromethane	85	1.448	1.448	0.0	88	380938	94.6	
12 Chloromethane	50	1.643	1.625	0.018	89	831707	99.8	
13 Vinyl chloride	62	1.729	1.729	0.0	82	525511	96.7	
14 Bromomethane	94	2.076	2.076	0.0	89	182969	106.4	M
15 Chloroethane	64	2.174	2.162	0.012	95	251418	96.0	
17 Trichlorofluoromethane	101	2.393	2.393	0.0	83	449785	88.3	
19 Acrolein	56	2.826	2.826	0.0	96	654148	1614.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.905	2.899	0.006	80	333908	85.7	
20 1,1-Dichloroethene	96	2.911	2.924	-0.013	87	364745	91.4	
22 Acetone	43	2.985	2.985	-0.001	100	913951	480.2	
23 Iodomethane	142	3.094	3.076	0.018	95	360637	88.7	
24 Carbon disulfide	76	3.113	3.107	0.006	99	1080677	84.5	
27 Acetonitrile	40	3.283	3.277	0.006	99	1766028	2810.2	
28 Methyl acetate	43	3.289	3.290	-0.001	97	747083	88.0	
29 Methylene Chloride	84	3.436	3.436	0.0	90	458535	82.0	
32 trans-1,2-Dichloroethene	96	3.619	3.619	0.0	89	510340	94.1	
31 Methyl tert-butyl ether	73	3.612	3.619	-0.007	93	1635237	95.9	
33 Acrylonitrile	53	3.655	3.655	0.0	98	1830970	478.9	
36 1,1-Dichloroethane	63	4.033	4.033	0.0	85	900335	96.3	
38 Vinyl acetate	43	4.082	4.082	0.0	98	6964116	422.5	
42 2,2-Dichloropropane	77	4.557	4.558	-0.001	92	298488	95.1	
43 cis-1,2-Dichloroethene	96	4.582	4.588	-0.006	72	490484	96.5	
44 2-Butanone (MEK)	43	4.612	4.619	-0.007	98	2924341	472.6	
48 Chlorobromomethane	128	4.820	4.820	0.0	88	241732	97.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.844	4.850	-0.006	95	2057729	475.5	
50 Chloroform	85	4.893	4.893	0.0	82	489558	95.6	
51 1,1,1-Trichloroethane	97	5.021	5.021	0.0	94	514101	101.5	
52 Cyclohexane	56	5.045	5.045	0.0	94	1212456	97.2	
53 Carbon tetrachloride	117	5.167	5.167	0.0	86	495005	107.0	
54 1,1-Dichloropropene	75	5.173	5.173	0.0	92	638399	95.6	
56 Benzene	78	5.374	5.375	0.0	97	1878054	93.4	
57 1,2-Dichloroethane	62	5.429	5.429	0.0	87	693413	95.2	
61 Trichloroethene	95	5.984	5.984	0.0	93	454763	94.5	
62 Methylcyclohexane	83	6.124	6.118	0.006	97	720213	93.9	
63 1,2-Dichloropropane	63	6.216	6.216	0.0	93	549678	96.2	
65 Dibromomethane	93	6.350	6.350	0.0	91	285927	98.6	
67 Dichlorobromomethane	83	6.496	6.496	0.0	93	572169	106.8	
70 2-Chloroethyl vinyl ether	63	6.776	6.777	-0.001	90	2413081	482.5	
72 cis-1,3-Dichloropropene	75	6.917	6.917	0.0	86	766988	105.7	
73 4-Methyl-2-pentanone (MIBK)	43	7.063	7.057	0.006	97	5060730	441.4	
74 Toluene	92	7.221	7.216	0.005	98	1186630	93.8	
76 trans-1,3-Dichloropropene	75	7.478	7.478	0.0	94	736609	110.0	
78 Ethyl methacrylate	69	7.532	7.533	-0.001	96	922335	105.4	
79 1,1,2-Trichloroethane	83	7.673	7.673	0.0	88	376291	95.6	
80 Tetrachloroethene	166	7.758	7.758	0.0	92	491570	95.4	
81 1,3-Dichloropropane	76	7.831	7.831	0.0	98	835342	96.0	
82 2-Hexanone	43	7.898	7.898	0.0	97	4064050	464.3	
83 Chlorodibromomethane	129	8.075	8.075	0.0	89	462569	114.6	
84 Ethylene Dibromide	107	8.179	8.179	0.0	98	496118	100.1	
86 Chlorobenzene	112	8.666	8.667	-0.001	91	1342264	94.3	
88 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.0	89	446143	105.6	
89 Ethylbenzene	91	8.764	8.758	0.006	98	2220071	94.3	
90 m-Xylene & p-Xylene	106	8.886	8.880	0.006	98	1796702	188.8	
91 o-Xylene	106	9.313	9.307	0.006	96	887030	97.4	
92 Styrene	104	9.337	9.337	0.0	96	1449766	100.6	
93 Bromoform	173	9.575	9.569	0.006	97	318342	106.1	
95 Isopropylbenzene	105	9.691	9.691	-0.001	96	2283396	90.8	
97 Bromobenzene	156	10.026	10.026	0.0	96	569296	92.0	
98 1,1,2,2-Tetrachloroethane	83	10.062	10.057	0.005	87	747503	96.3	
99 1,2,3-Trichloropropane	110	10.099	10.093	0.006	78	240906	90.0	
101 N-Propylbenzene	91	10.111	10.105	0.006	94	2742910	89.5	
100 trans-1,4-Dichloro-2-butene	53	10.111	10.105	0.006	72	1421501	495.1	
102 2-Chlorotoluene	126	10.215	10.209	0.006	97	570208	92.4	
104 1,3,5-Trimethylbenzene	105	10.282	10.282	0.0	86	2014737	94.5	
105 4-Chlorotoluene	126	10.318	10.319	-0.001	95	607865	93.4	
106 tert-Butylbenzene	134	10.599	10.599	0.0	94	465073	96.9	
107 1,2,4-Trimethylbenzene	105	10.654	10.648	0.006	97	2060817	95.2	
109 sec-Butylbenzene	105	10.806	10.806	0.0	94	2516818	93.0	
110 1,3-Dichlorobenzene	146	10.940	10.940	0.0	97	1165025	91.3	
111 4-Isopropyltoluene	119	10.946	10.947	-0.001	96	2150782	95.4	
113 1,4-Dichlorobenzene	146	11.026	11.026	0.0	96	1241413	94.0	
115 n-Butylbenzene	91	11.324	11.325	-0.001	97	1962555	95.4	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	96	1195062	93.9	
117 1,2-Dibromo-3-Chloropropane	75	12.092	12.093	-0.001	84	194035	112.9	
119 1,2,4-Trichlorobenzene	180	12.775	12.776	-0.001	94	912798	97.0	
120 Hexachlorobutadiene	225	12.891	12.891	0.0	95	313787	89.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	12.989	12.989	0.0	98	3029399	97.1	
122 1,2,3-Trichlorobenzene	180	13.190	13.190	0.0	95	868986	94.5	
S 123 Total BTEX	1				0		567.8	
S 124 Xylenes, Total	1				0		286.3	
S 125 1,2-Dichloroethene, Total	1				0		190.7	
S 126 1,3-Dichloropropene, Total	1				0		215.7	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 09-Jul-2012 19:40:28 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12865.D

Injection Date: 09-Jul-2012 14:04:30 Limit Group: MV - 8260B ICAL

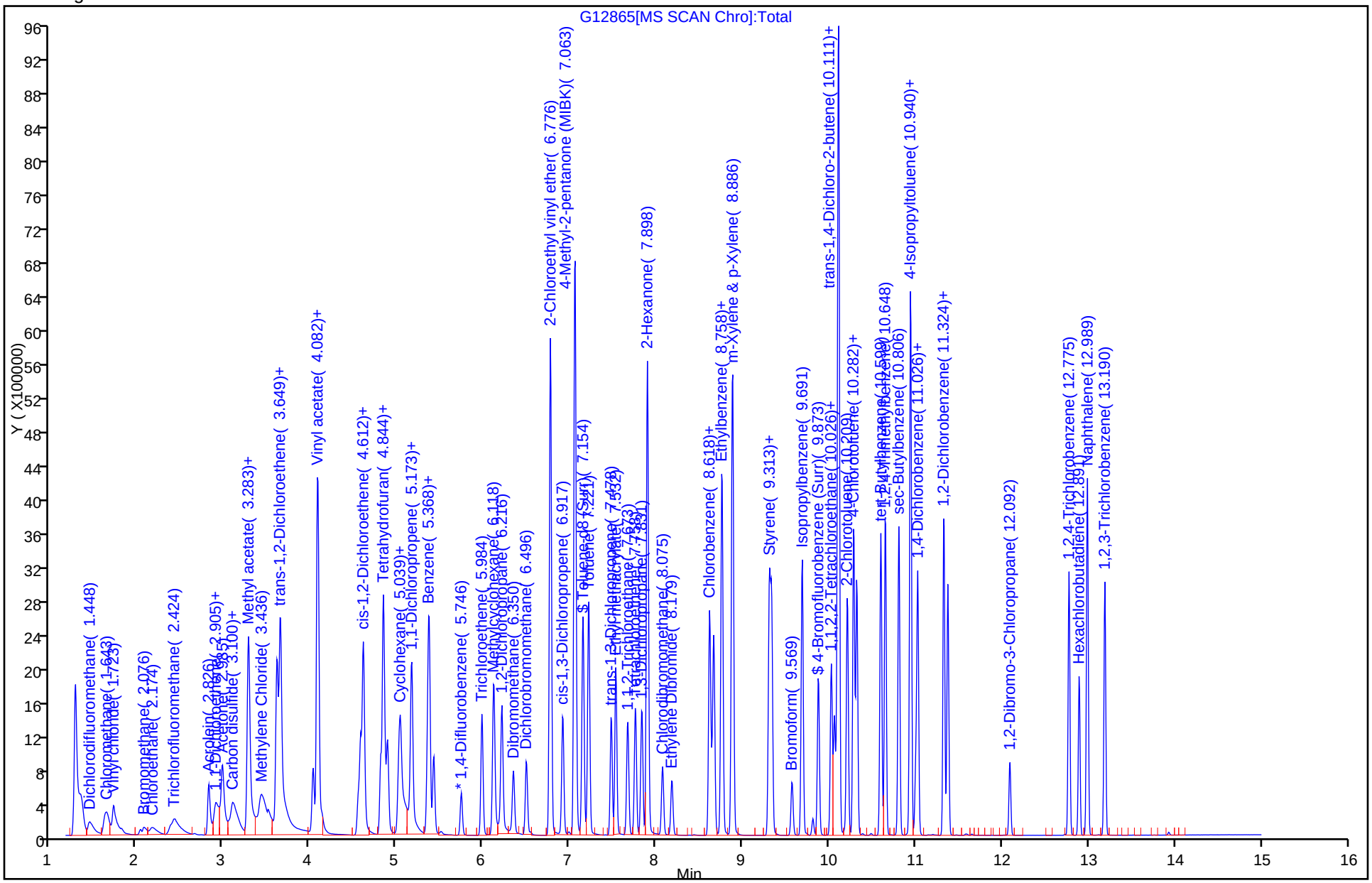
Client ID: Instrument ID: HP5973G

Lims Batch ID: 71552 Lims Sample ID: 8

Operator ID: NMD

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



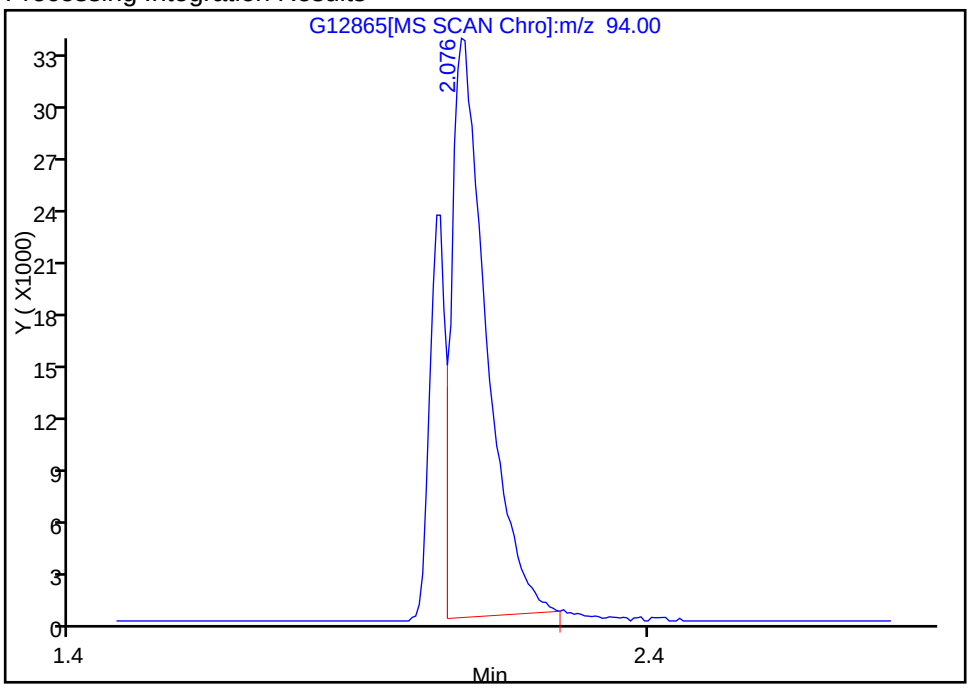
Manual Integration/User Assign Peak Report

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12865.D
Injection Date: 09-Jul-2012 14:04:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973G
Lims Batch ID: 71552 Lims Sample ID: 8
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 2.08

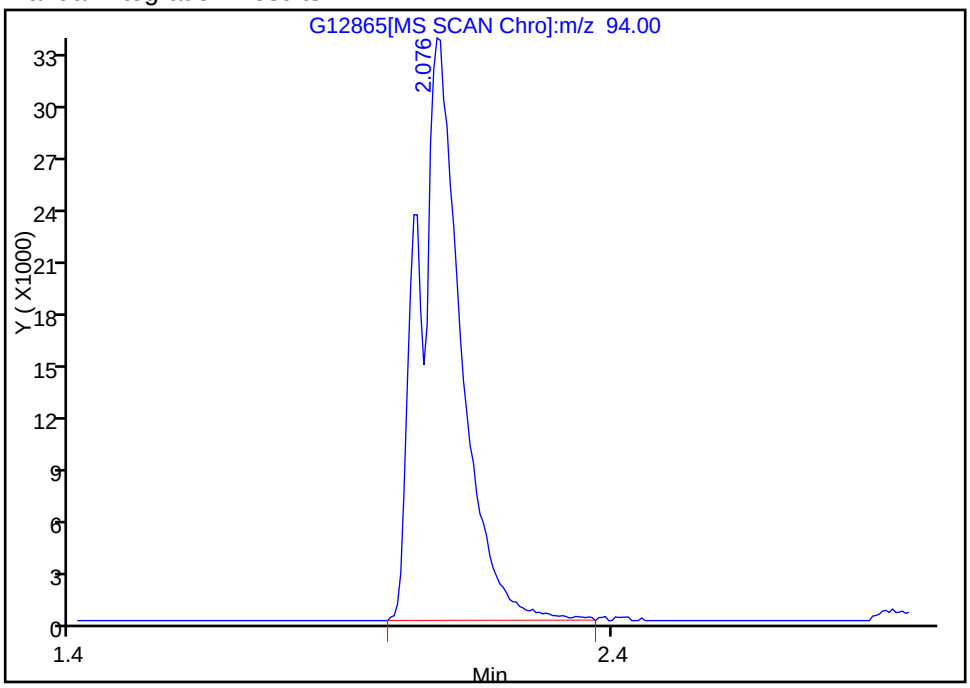
Processing Integration Results

RT: 2.08
Response: 137484
Amount: 83.598597



Manual Integration Results

RT: 2.08
Response: 182969
Amount: 106.3537



Reviewer: larsonr, 09-Jul-2012 18:37:40
Audit Action: Manually Integrated
Audit Reason: Split Peak

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-70887/2	N8568.D
Level 2	IC 480-70887/3	N8569.D
Level 3	IC 480-70887/4	N8570.D
Level 4	ICIS 480-70887/5	N8571.D
Level 5	IC 480-70887/6	N8572.D
Level 6	IC 480-70887/7	N8573.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	0.3187 0.2663	0.3114	0.3053	0.3027	0.2681	Ave		0.2954				7.6		15.0			
Chloromethane	0.9007 0.6473	0.7820	0.7697	0.7330	0.6721	Ave		0.7508			0.1000	12.0		15.0			
Vinyl chloride	0.5385 0.3839	0.4473	0.4515	0.4426	0.3827	Ave		0.4411				13.0		30.0			
Bromomethane	0.1874 0.1198	0.1526	0.1555	0.1281	0.1342	Lin1	0.0941	0.1248							0.9950		0.9900
Chloroethane	0.2492 0.1978	0.2227	0.2191	0.2061	0.1957	Ave		0.2151				9.3		15.0			
Trichlorofluoromethane	0.4071 0.3521	0.3550	0.3601	0.3634	0.3399	Ave		0.3629				6.4		15.0			
Acrolein	0.0099 0.0191	0.0142	0.0107	0.0110	0.0156	Qua	-0.113	0.0110	0						0.9990		0.9900
1,1-Dichloroethene	0.3167 0.2457	0.2708	0.2719	0.2687	0.2438	Ave		0.2696				9.8		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2337 0.2015	0.2209	0.2274	0.2196	0.2047	Ave		0.2180				5.8		15.0			
Acetone	0.1600 0.2323	0.2506	0.2050	0.2332	0.2100	Ave		0.2152				15.0		15.0			
Iodomethane	0.3935 0.3296	0.3621	0.3780	0.3585	0.3254	Ave		0.3579				7.4		15.0			
Carbon disulfide	0.8481 0.8739	0.9073	0.9377	0.9156	0.8519	Ave		0.8891				4.1		15.0			
Acetonitrile	0.0419 0.0536	0.0494	0.0372	0.0531	0.0411	Ave		0.0461				15.0		15.0			
Methyl acetate	0.9184 0.8541	0.9232	0.8832	0.8697	0.8533	Ave		0.8837				3.5		15.0			
Methylene Chloride	0.4936 0.3472	0.4012	0.3991	0.3807	0.3518	Ave		0.3956				13.0		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 EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

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								
trans-1,2-Dichloroethene	0.4410 0.3547	0.4009	0.4009	0.3844	0.3569	Ave		0.3898				8.3		15.0			
Methyl tert-butyl ether	1.3367 1.1485	1.2689	1.2550	1.2304	1.1647	Ave		1.2340				5.7		15.0			
Acrylonitrile	0.2112 0.2476	0.2637	0.2436	0.2491	0.2424	Ave		0.2430				7.1		15.0			
1,1-Dichloroethane	0.9550 0.7710	0.8527	0.8570	0.8152	0.7726	Ave		0.8373			0.1000	8.2		15.0			
Vinyl acetate	1.2639 0.9334	1.2971	1.3062	1.3272	1.2239	Ave		1.2253				12.0		15.0			
2,2-Dichloropropane	0.3940 0.3069	0.3468	0.3624	0.3360	0.3105	Ave		0.3428				9.6		15.0			
cis-1,2-Dichloroethene	0.4793 0.3854	0.4148	0.4325	0.4155	0.3848	Ave		0.4187				8.4		15.0			
2-Butanone (MEK)	0.3051 0.3440	0.3280	0.3132	0.3334	0.3279	Ave		0.3253				4.3		15.0			
Bromochloromethane	0.2042 0.1749	0.1895	0.2030	0.1822	0.1782	Ave		0.1887				6.6		15.0			
Tetrahydrofuran	0.2127 0.2433	0.2317	0.2245	0.2385	0.2363	Ave		0.2312				4.8		15.0			
Chloroform	0.7090 0.5836	0.6292	0.6439	0.6121	0.5879	Ave		0.6276				7.4		30.0			
1,1,1-Trichloroethane	0.5096 0.4652	0.4737	0.5042	0.4876	0.4635	Ave		0.4840				4.1		15.0			
Cyclohexane	1.0281 0.8797	0.9825	1.0196	0.9648	0.8999	Ave		0.9624				6.4		15.0			
Carbon tetrachloride	0.3155 0.3969	0.3451	0.3750	0.3824	0.3837	Ave		0.3664				8.3		15.0			
1,1-Dichloropropene	0.4981 0.4707	0.4808	0.4791	0.4770	0.4653	Ave		0.4785				2.3		15.0			
Benzene	1.4644 1.2748	1.3480	1.3494	1.3245	1.2736	Ave		1.3391				5.2		15.0			
1,2-Dichloroethane	0.6695 0.5864	0.5754	0.5986	0.5763	0.5746	Ave		0.5968				6.2		15.0			
Trichloroethene	0.3415 0.3290	0.3303	0.3259	0.3244	0.3225	Ave		0.3290				2.1		15.0			
Methylcyclohexane	0.6057 0.5595	0.6204	0.6249	0.6020	0.5680	Ave		0.5968				4.5		15.0			
1,2-Dichloropropane	0.3670 0.3724	0.3607	0.3728	0.3631	0.3641	Ave		0.3667				1.4		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 EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.2166 0.1926	0.1878	0.1903	0.1897	0.1900	Ave		0.1945				5.6		15.0			
Bromodichloromethane	0.3065 0.3789	0.2900	0.3211	0.3342	0.3592	Ave		0.3316				10.0		15.0			
2-Chloroethyl vinyl ether	0.2126 0.2139	0.1973	0.2097	0.2167	0.2248	Ave		0.2125				4.3		15.0			
cis-1,3-Dichloropropene	0.3680 0.4410	0.3431	0.3812	0.4018	0.4276	Ave		0.3938				9.4		15.0			
4-Methyl-2-pentanone (MIBK)	0.6987 0.6803	0.7532	0.7266	0.7573	0.7355	Ave		0.7253				4.2		15.0			
Toluene	0.9063 0.8560	0.8386	0.8390	0.8402	0.8400	Ave		0.8534				3.1		30.0			
trans-1,3-Dichloropropene	0.3121 0.4442	0.3308	0.3561	0.3838	0.4183	Ave		0.3742				14.0		15.0			
Ethyl methacrylate	0.3461 0.4553	0.3863	0.4114	0.4345	0.4540	Ave		0.4146				10.0		15.0			
1,1,2-Trichloroethane	0.2288 0.2297	0.2095	0.2266	0.2265	0.2249	Ave		0.2243				3.3		15.0			
Tetrachloroethene	0.4098 0.3625	0.3559	0.3550	0.3529	0.3552	Ave		0.3652				6.0		15.0			
1,3-Dichloropropane	0.4726 0.4811	0.4424	0.4733	0.4706	0.4772	Ave		0.4695				2.9		15.0			
2-Hexanone	0.4622 0.4819	0.4902	0.4840	0.5135	0.5025	Ave		0.4890				3.6		15.0			
Dibromochloromethane	0.1835 0.2986	0.1859	0.2143	0.2363	0.2707	Lin1	-0.221	0.2821							0.9910		0.9900
1,2-Dibromoethane	0.2749 0.2959	0.2596	0.2772	0.2816	0.2903	Ave		0.2799				4.6		15.0			
Chlorobenzene	1.1581 0.9701	0.9929	1.0144	0.9831	0.9723	Ave		1.0152			0.3000	7.1		15.0			
1,1,1,2-Tetrachloroethane	0.3076 0.3318	0.2810	0.3114	0.3070	0.3147	Ave		0.3089				5.3		15.0			
Ethylbenzene	1.9314 1.6409	1.7069	1.7607	1.7326	1.6548	Ave		1.7379				6.0		30.0			
m,p-Xylene	0.7540 0.6268	0.6452	0.6926	0.6589	0.6361	Ave		0.6689				7.1		15.0			
o-Xylene	0.7419 0.6391	0.6545	0.6815	0.6667	0.6363	Ave		0.6700				5.8		15.0			
Styrene	1.0105 1.0363	1.0280	1.0855	1.0597	1.0325	Ave		1.0421				2.5		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 EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

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								
Bromoform	0.1221 0.1979	0.1077	0.1281	0.1444	0.1715	Lin	-0.713	0.2000			0.1000				0.9940		0.9900
Isopropylbenzene	3.1920 3.0045	2.9721	2.9837	3.0167	3.0364	Ave		3.0342				2.7		15.0			
Bromobenzene	0.9204 0.7743	0.7473	0.7699	0.7533	0.7538	Ave		0.7865				8.4		15.0			
1,1,2,2-Tetrachloroethane	0.8840 0.7829	0.7241	0.7303	0.7561	0.7597	Ave		0.7728			0.3000	7.6		15.0			
1,2,3-Trichloropropane	0.2396 0.2275	0.2155	0.2280	0.2221	0.2261	Ave		0.2265				3.5		15.0			
N-Propylbenzene	3.7612 3.7725	3.7903	3.7429	3.8378	3.8774	Ave		3.7970				1.3		15.0			
trans-1,4-Dichloro-2-butene	0.1587 0.3455	0.2076	0.2064	0.2615	0.3196	Lin	-5.725	0.3518							0.9970		0.9900
2-Chlorotoluene	0.8379 0.7336	0.7383	0.7246	0.7404	0.7301	Ave		0.7508				5.7		15.0			
1,3,5-Trimethylbenzene	2.6659 2.5150	2.5082	2.5534	2.5800	2.5412	Ave		2.5606				2.3		15.0			
4-Chlorotoluene	3.0466 2.6303	2.7401	2.7240	2.6340	2.6792	Ave		2.7424				5.7		15.0			
tert-Butylbenzene	0.6283 0.5782	0.5708	0.5888	0.5897	0.5680	Ave		0.5873				3.7		15.0			
1,2,4-Trimethylbenzene	2.7207 2.5550	2.5727	2.6169	2.6064	2.5965	Ave		2.6114				2.2		15.0			
sec-Butylbenzene	3.4145 3.2156	3.3284	3.2410	3.3598	3.2298	Ave		3.2982				2.5		15.0			
1,3-Dichlorobenzene	1.8689 1.5078	1.5192	1.5310	1.5179	1.4981	Ave		1.5738				9.2		15.0			
4-Isopropyltoluene	2.8092 2.7876	2.8281	2.8137	2.8653	2.7995	Ave		2.8173				1.0		15.0			
1,4-Dichlorobenzene	1.8342 1.5465	1.5808	1.6050	1.5859	1.5481	Ave		1.6168				6.7		15.0			
n-Butylbenzene	2.4204 2.5169	2.6412	2.5230	2.6471	2.5502	Ave		2.5498				3.3		15.0			
1,2-Dichlorobenzene	1.6876 1.3734	1.4430	1.4480	1.4169	1.3938	Ave		1.4605				7.9		15.0			
1,2-Dibromo-3-Chloropropane	0.0721 0.1265	0.0844	0.0881	0.1071	0.1122	Lin1	-0.094	0.1198							0.9920		0.9900
1,2,4-Trichlorobenzene	0.8686 0.8609	0.8074	0.8095	0.8549	0.7916	Ave		0.8322				4.0		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 EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.4364 0.4191	0.4353	0.4007	0.4263	0.3892	Ave		0.4178				4.6		15.0			
Naphthalene	1.9626 2.1057	1.8911	1.8916	2.0815	1.9396	Ave		1.9787				4.7		15.0			
1,2,3-Trichlorobenzene	0.7222 0.7216	0.6945	0.6872	0.7346	0.6599	Ave		0.7033				4.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.5118 0.5530	0.5615	0.5831	0.4557	0.5075	Ave		0.5288				8.7		15.0			
Toluene-d8 (Surr)	1.2046 1.4750	1.4272	1.4928	1.2388	1.3649	Ave		1.3672				8.9		15.0			
4-Bromofluorobenzene (Surr)	0.4427 0.5230	0.5385	0.6179	0.4493	0.4780	Ave		0.5082				13.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-70887/2	N8568.D
Level 2	IC 480-70887/3	N8569.D
Level 3	IC 480-70887/4	N8570.D
Level 4	ICIS 480-70887/5	N8571.D
Level 5	IC 480-70887/6	N8572.D
Level 6	IC 480-70887/7	N8573.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	DFB	Ave	9026 917091	47395	91223	236005	453635	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Ave	25513 2229184	119008	230020	571529	1137251	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	15253 1322200	68067	134923	345146	647563	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Lin1	5308 412660	23226	46477	99863	227022	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Ave	7058 681085	33890	65488	160666	331060	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	11530 1212465	54029	107605	283364	575114	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Qua	5636 1313635	43265	64117	171100	529003	20.0 2000	100	200	500	1000
1,1-Dichloroethene	DFB	Ave	8970 846208	41213	81259	209498	412503	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	DFB	Ave	6621 693808	33614	67954	171217	346292	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Ave	22664 3999200	190702	306265	909199	1776524	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Ave	11146 1134984	55107	112970	279532	550613	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	24023 3009505	138077	280215	713920	1441342	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	47523 7387888	301028	444096	1657551	2780919	40.0 4000	200	400	1000	2000
Methyl acetate	DFB	Ave	26014 2941418	140507	263945	678145	1443824	1.00 100	5.00	10.0	25.0	50.0
Methylene Chloride	DFB	Ave	13981 1195511	61061	119274	296837	595302	1.00 100	5.00	10.0	25.0	50.0
trans-1,2-Dichloroethene	DFB	Ave	12491 1221571	61010	119814	299719	603823	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

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
Methyl tert-butyl ether	DFB	Ave	37863 3955231	193115	375034	959395	1970559	1.00 100	5.00	10.0	25.0	50.0
Acrylonitrile	DFB	Ave	29911 4263646	200678	364048	971291	2050699	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	27051 2655253	129773	256106	635605	1307245	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Ave	179001 16071638	987013	1951688	5174238	10353732	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Ave	11159 1057010	52772	108303	261961	525395	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	13576 1327199	63129	129250	324003	651079	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	43209 5923077	249565	467945	1299805	2773845	5.00 500	25.0	50.0	125	250
Bromochloromethane	DFB	Ave	5783 602353	28836	60652	142081	301500	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	30125 4189990	176349	335446	929945	1999374	5.00 500	25.0	50.0	125	250
Chloroform	DFB	Ave	20082 2009675	95751	192424	477252	994633	1.00 100	5.00	10.0	25.0	50.0
1,1,1-Trichloroethane	DFB	Ave	14434 1601949	72095	150667	380184	784286	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	29123 3029447	149526	304697	752261	1522516	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Ave	8937 1366782	52515	112060	298156	649144	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	14110 1620895	73170	143168	371916	787274	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	41479 4390189	205151	403252	1032752	2154968	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	18965 2019510	87565	178869	449390	972138	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	9674 1132971	50274	97402	252984	545725	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	17156 1926907	94417	186753	469415	961113	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	10395 1282426	54897	111394	283097	616105	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	6134 663168	28583	56859	147947	321450	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	8683 1304683	44131	95945	260582	607698	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

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
2-Chloroethyl vinyl ether	DFB	Ave	30104 3683268	150169	313385	844961	1901895	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	10425 1518733	52210	113918	313319	723543	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	94426 10286260	518455	1004235	2706139	5633579	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	24496 2588682	115443	231926	600501	1286816	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	8436 1343265	45543	98447	274329	640857	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Ave	9355 1376956	53179	113738	310545	695474	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	6183 694655	28840	62639	161868	344581	1.00 100	5.00	10.0	25.0	50.0
Tetrachloroethene	CBZ	Ave	11076 1096268	48989	98128	252224	544143	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	12773 1454733	60904	130827	336368	731024	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	62460 7286716	337412	668944	1835146	3848701	5.00 500	25.0	50.0	125	250
Dibromochloromethane	CBZ	Lin1	4959 902899	25596	59245	168915	414611	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	7431 894791	35735	76627	201250	444784	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	31303 2933728	136684	280420	702595	1489458	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	8315 1003289	38688	86087	219407	482042	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	52204 4962249	234966	486737	1238313	2535039	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	40761 3791228	177623	382925	941854	1948773	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	20053 1932660	90100	188406	476470	974712	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	27313 3133714	141510	300081	757357	1581711	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Lin	3301 598444	14820	35407	103192	262703	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	52923 5056287	246994	508663	1270312	2583523	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	15261 1303057	62102	131263	317199	641404	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

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
1,1,2,2-Tetrachloroethane	DCB	Ave	14656 1317561	60172	124503	318371	646428	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	3972 382857	17912	38876	93527	192364	1.00 100	5.00	10.0	25.0	50.0
N-Propylbenzene	DCB	Ave	62361 6348814	314992	638092	1616073	3299131	1.00 100	5.00	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin	13154 2906833	86242	175921	550643	1359486	5.00 500	25.0	50.0	125	250
2-Chlorotoluene	DCB	Ave	13893 1234546	61353	123525	311788	621206	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	44201 4232529	208440	435318	1086425	2162176	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	50512 4426530	227716	464391	1109174	2279598	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	10417 973068	47432	100385	248332	483293	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	45110 4299816	213801	446138	1097537	2209273	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	56612 5411559	276604	552529	1414799	2748111	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	30987 2537557	126248	261004	639191	1274694	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	46577 4691333	235026	479695	1206573	2381976	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	30411 2602664	131370	273624	667802	1317236	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	40131 4235722	219495	430123	1114700	2169849	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	27981 2311250	119922	246862	596665	1185952	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	1196 212944	7014	15014	45097	95470	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	14401 1448779	67101	138012	359997	673514	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	7236 705311	36176	68305	179510	331123	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	32540 3543737	157161	322482	876510	1650335	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	11974 1214411	57717	117157	309331	561436	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	14496 1904363	85460	174250	355326	858707	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 70887

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2012 16:14 Calibration End Date: 07/02/2012 18:13 Calibration ID: 9183

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-d8 (Surr)	CBZ	Ave	32558 4460573	196471	412671	885343	2090934	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	11966 1581686	74131	170814	321102	732192	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8568.D
Lims ID: IC Client ID:
Inject. Date: 02-Jul-2012 16:14:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: IC
Misc. Info.: 480-0013116-002
Operator: LH Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 16
Lims Batch ID: 70887 Lims Sample ID: 2
Sublist: chrom-N-8260*sub7
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N-8260.m
Last Update: 03-Jul-2012 10:07:03 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 03-Jul-2012 10:07:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	93	708141	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	92	675721	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.757	9.757	0.0	96	414501	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	62	14496	0.9678	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	76	32558	0.8810	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	75	11966	0.8711	
11 Dichlorodifluoromethane	85	0.935	0.935	0.0	76	9026	1.08	
13 Chloromethane	50	1.014	1.021	-0.007	97	25513	1.20	
14 Vinyl chloride	62	1.087	1.100	-0.013	54	15253	1.22	
15 Bromomethane	94	1.288	1.282	0.006	61	5308	0.7479	
16 Chloroethane	64	1.349	1.349	0.0	69	7058	1.16	
18 Trichlorofluoromethane	101	1.495	1.489	0.006	67	11530	1.12	
20 Acrolein	56	1.830	1.830	0.0	50	5636	28.0	
22 1,1-Dichloroethene	96	1.854	1.860	-0.006	87	8970	1.17	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.872	0.0	37	6621	1.07	
23 Acetone	43	1.963	1.964	-0.001	83	22664	3.72	
24 Iodomethane	142	1.988	1.982	0.006	79	11146	1.10	
25 Carbon disulfide	76	2.006	2.012	-0.006	89	24023	0.9539	
28 Methyl acetate	43	2.219	2.219	0.0	71	26014	1.04	
29 Acetonitrile	40	2.213	2.219	-0.006	96	47523	36.4	
30 Methylene Chloride	84	2.292	2.292	0.0	77	13981	1.25	
33 trans-1,2-Dichloroethene	96	2.487	2.493	-0.006	86	12491	1.13	
32 Methyl tert-butyl ether	73	2.499	2.499	0.0	79	37863	1.08	
34 Acrylonitrile	53	2.547	2.541	0.006	91	29911	4.35	
36 1,1-Dichloroethane	63	2.864	2.864	0.0	65	27051	1.14	
39 Vinyl acetate	43	2.937	2.931	0.006	96	179001	5.16	
42 2,2-Dichloropropane	77	3.344	3.344	0.0	44	11159	1.15	
43 cis-1,2-Dichloroethene	96	3.381	3.381	0.0	68	13576	1.14	
44 2-Butanone (MEK)	43	3.460	3.436	0.024	89	43209	4.69	
47 Chlorobromomethane	128	3.600	3.600	0.0	62	5783	1.08	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.667	3.630	0.037	90	30125	4.60	
50 Chloroform	83	3.685	3.685	0.0	84	20082	1.13	
51 1,1,1-Trichloroethane	97	3.782	3.776	0.006	60	14434	1.05	
52 Cyclohexane	56	3.782	3.789	-0.007	87	29123	1.07	
53 Carbon tetrachloride	117	3.910	3.910	0.0	68	8937	0.8611	
54 1,1-Dichloropropene	75	3.928	3.929	0.0	60	14110	1.04	
55 Benzene	78	4.117	4.117	0.0	88	41479	1.09	
57 1,2-Dichloroethane	62	4.178	4.178	0.0	85	18965	1.12	
60 Trichloroethene	95	4.713	4.713	0.0	82	9674	1.04	
62 Methylcyclohexane	83	4.823	4.823	0.0	77	17156	1.01	
63 1,2-Dichloropropane	63	4.932	4.932	0.0	57	10395	1.00	
64 Dibromomethane	93	5.060	5.060	0.0	74	6134	1.11	
67 Dichlorobromomethane	83	5.224	5.230	-0.006	69	8683	0.9243	
69 2-Chloroethyl vinyl ether	63	5.528	5.522	0.006	75	30104	5.00	
71 cis-1,3-Dichloropropene	75	5.638	5.638	0.0	43	10425	0.9346	
72 4-Methyl-2-pentanone (MIBK)	43	5.808	5.802	0.006	86	94426	4.82	
73 Toluene	92	5.912	5.912	0.0	92	24496	1.06	
75 trans-1,3-Dichloropropene	75	6.198	6.204	-0.006	61	8436	0.8340	
77 Ethyl methacrylate	69	6.289	6.283	0.006	67	9355	0.8348	
78 1,1,2-Trichloroethane	83	6.374	6.380	-0.006	71	6183	1.02	
79 Tetrachloroethene	166	6.429	6.429	0.0	85	11076	1.12	
80 1,3-Dichloropropane	76	6.532	6.532	0.0	74	12773	1.01	
82 2-Hexanone	43	6.642	6.630	0.012	92	62460	4.73	
83 Chlorodibromomethane	129	6.751	6.757	-0.006	35	4959	1.44	
84 Ethylene Dibromide	107	6.836	6.836	0.0	59	7431	0.9822	
85 Chlorobenzene	112	7.317	7.323	-0.006	78	31303	1.14	
88 Ethylbenzene	91	7.433	7.427	0.006	90	52204	1.11	
89 1,1,1,2-Tetrachloroethane	131	7.427	7.427	-0.001	31	8315	1.00	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	97	40761	2.25	
91 o-Xylene	106	7.968	7.968	0.0	89	20053	1.11	
92 Styrene	104	7.998	7.998	0.0	71	27313	0.9697	
93 Bromoform	173	8.211	8.217	-0.006	41	3301	4.18	
95 Isopropylbenzene	105	8.357	8.357	0.0	83	52923	1.05	
97 Bromobenzene	156	8.674	8.674	0.0	81	15261	1.17	
98 1,1,2,2-Tetrachloroethane	83	8.771	8.771	0.0	83	14656	1.14	
99 1,2,3-Trichloropropane	110	8.783	8.783	0.0	50	3972	1.06	
100 N-Propylbenzene	91	8.795	8.795	0.0	92	62361	0.99	
101 trans-1,4-Dichloro-2-butene	53	8.820	8.820	0.0	32	13154	18.5	
102 2-Chlorotoluene	126	8.880	8.881	-0.001	91	13893	1.12	
104 1,3,5-Trimethylbenzene	105	8.996	8.990	0.006	78	44201	1.04	
105 4-Chlorotoluene	91	9.002	9.002	0.0	95	50512	1.11	
106 tert-Butylbenzene	134	9.331	9.331	0.0	85	10417	1.07	
108 1,2,4-Trimethylbenzene	105	9.398	9.392	0.006	87	45110	1.04	
109 sec-Butylbenzene	105	9.562	9.562	0.0	85	56612	1.04	
110 1,3-Dichlorobenzene	146	9.684	9.684	0.0	88	30987	1.19	
111 4-Isopropyltoluene	119	9.726	9.726	0.0	81	46577	1.00	
113 1,4-Dichlorobenzene	146	9.781	9.781	0.0	73	30411	1.13	
115 n-Butylbenzene	91	10.140	10.140	0.0	92	40131	0.9493	
116 1,2-Dichlorobenzene	146	10.146	10.146	0.0	90	27981	1.16	
117 1,2-Dibromo-3-Chloropropane	75	10.918	10.919	-0.001	1	1196	1.38	
119 1,2,4-Trichlorobenzene	180	11.618	11.618	0.0	72	14401	1.04	
120 Hexachlorobutadiene	225	11.758	11.752	0.006	71	7236	1.04	

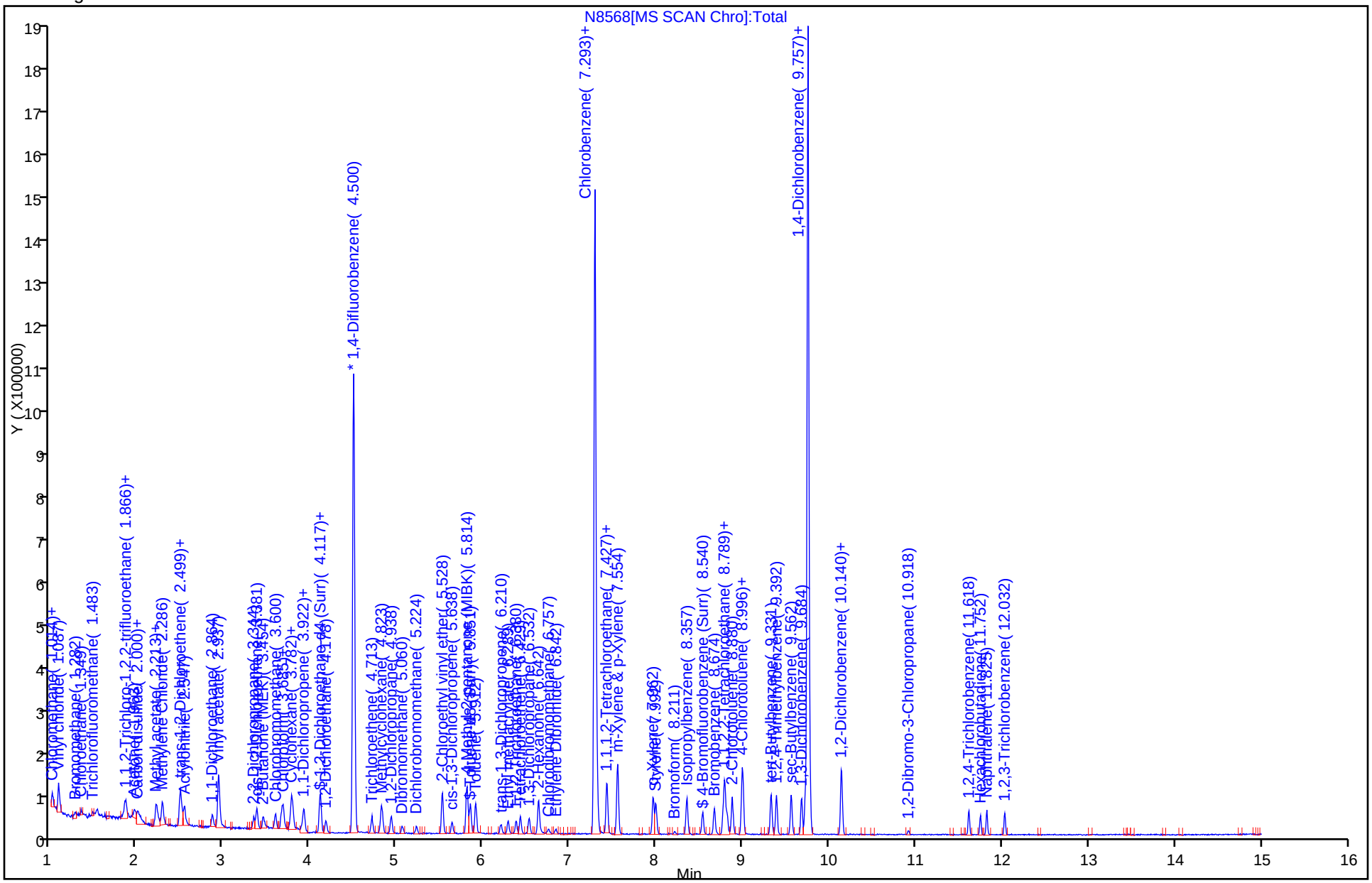
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.825	11.825	0.0	89	32540	0.99	
122 1,2,3-Trichlorobenzene	180	12.032	12.032	0.0	79	11974	1.03	
S 125 Total BTEX	1				0		6.63	
S 126 Xylenes, Total	1				0		3.36	
S 123 1,3-Dichloropropene, Total	1				0		1.77	
S 124 1,2-Dichloroethene, Total	1				0		2.28	

Report Date: 03-Jul-2012 10:07:03 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8568.D

Injection Date:	02-Jul-2012 16:14:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	70887	Lims Sample ID:	2
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8569.D
Lims ID: IC 2 Client ID:
Inject. Date: 02-Jul-2012 16:38:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: IC 2
Misc. Info.: 480-0013116-003
Operator: LH Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 17
Lims Batch ID: 70887 Lims Sample ID: 3
Sublist: chrom-N-8260*sub7
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N-8260.m
Last Update: 03-Jul-2012 10:08:02 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 03-Jul-2012 10:08:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	93	760947	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	91	688300	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.756	9.757	-0.001	95	415519	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	75	85460	5.31	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	83	196471	5.22	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	86	74131	5.30	
11 Dichlorodifluoromethane	85	0.935	0.935	0.0	92	47395	5.27	
13 Chloromethane	50	1.014	1.021	-0.007	89	119008	5.21	
14 Vinyl chloride	62	1.100	1.100	0.0	97	68067	5.07	
15 Bromomethane	94	1.288	1.282	0.006	81	23226	5.36	
16 Chloroethane	64	1.361	1.349	0.012	94	33890	5.18	
18 Trichlorofluoromethane	101	1.525	1.489	0.036	78	54029	4.89	
20 Acrolein	56	1.830	1.830	0.0	90	43265	132.9	
22 1,1-Dichloroethene	96	1.860	1.860	0.0	90	41213	5.02	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.872	0.0	81	33614	5.07	
23 Acetone	43	1.963	1.964	-0.001	89	190702	29.1	
24 Iodomethane	142	1.982	1.982	0.0	73	55107	5.06	
25 Carbon disulfide	76	2.012	2.012	0.0	99	138077	5.10	
28 Methyl acetate	43	2.219	2.219	0.0	43	140507	5.22	
29 Acetonitrile	40	2.219	2.219	0.0	99	301028	214.7	
30 Methylene Chloride	84	2.286	2.292	-0.006	74	61061	5.07	
33 trans-1,2-Dichloroethene	96	2.493	2.493	0.0	87	61010	5.14	
32 Methyl tert-butyl ether	73	2.499	2.499	0.0	85	193115	5.14	
34 Acrylonitrile	53	2.541	2.541	0.0	97	200678	27.1	
36 1,1-Dichloroethane	63	2.864	2.864	0.0	97	129773	5.09	
39 Vinyl acetate	43	2.937	2.931	0.006	96	987013	26.5	
42 2,2-Dichloropropane	77	3.350	3.344	0.006	77	52772	5.06	
43 cis-1,2-Dichloroethene	96	3.381	3.381	0.0	84	63129	4.95	
44 2-Butanone (MEK)	43	3.442	3.436	0.006	96	249565	25.2	
47 Chlorobromomethane	128	3.600	3.600	0.0	79	28836	5.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.642	3.630	0.012	89	176349	25.1	
50 Chloroform	83	3.685	3.685	0.0	91	95751	5.01	
51 1,1,1-Trichloroethane	97	3.776	3.776	0.0	88	72095	4.89	
52 Cyclohexane	56	3.788	3.789	-0.001	93	149526	5.10	
53 Carbon tetrachloride	117	3.904	3.910	-0.006	83	52515	4.71	
54 1,1-Dichloropropene	75	3.922	3.929	-0.006	78	73170	5.02	
55 Benzene	78	4.111	4.117	-0.006	88	205151	5.03	
57 1,2-Dichloroethane	62	4.178	4.178	0.0	92	87565	4.82	
60 Trichloroethene	95	4.713	4.713	0.0	86	50274	5.02	
62 Methylcyclohexane	83	4.823	4.823	0.0	91	94417	5.20	
63 1,2-Dichloropropane	63	4.932	4.932	0.0	81	54897	4.92	
64 Dibromomethane	93	5.060	5.060	0.0	83	28583	4.83	
67 Dichlorobromomethane	83	5.230	5.230	0.0	88	44131	4.37	
69 2-Chloroethyl vinyl ether	63	5.522	5.522	0.0	81	150169	23.2	
71 cis-1,3-Dichloropropene	75	5.638	5.638	0.0	67	52210	4.36	
72 4-Methyl-2-pentanone (MIBK)	43	5.802	5.802	0.0	96	518455	26.0	
73 Toluene	92	5.912	5.912	0.0	89	115443	4.91	
75 trans-1,3-Dichloropropene	75	6.204	6.204	0.0	86	45543	4.42	
77 Ethyl methacrylate	69	6.283	6.283	0.0	81	53179	4.66	
78 1,1,2-Trichloroethane	83	6.380	6.380	0.0	88	28840	4.67	
79 Tetrachloroethene	166	6.429	6.429	0.0	93	48989	4.87	
80 1,3-Dichloropropane	76	6.532	6.532	0.0	87	60904	4.71	
82 2-Hexanone	43	6.636	6.630	0.006	95	337412	25.1	
83 Chlorodibromomethane	129	6.751	6.757	-0.006	81	25596	4.08	
84 Ethylene Dibromide	107	6.842	6.836	0.006	89	35735	4.64	
85 Chlorobenzene	112	7.323	7.323	0.0	85	136684	4.89	
88 Ethylbenzene	91	7.433	7.427	0.006	98	234966	4.91	
89 1,1,1,2-Tetrachloroethane	131	7.426	7.427	-0.001	75	38688	4.55	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	96	177623	9.64	
91 o-Xylene	106	7.968	7.968	0.0	97	90100	4.88	
92 Styrene	104	7.998	7.998	0.0	92	141510	4.93	
93 Bromoform	173	8.211	8.217	-0.006	87	14820	6.26	
95 Isopropylbenzene	105	8.351	8.357	-0.006	96	246994	4.90	
97 Bromobenzene	156	8.674	8.674	0.0	91	62102	4.75	
98 1,1,2,2-Tetrachloroethane	83	8.771	8.771	0.0	92	60172	4.68	
99 1,2,3-Trichloropropane	110	8.783	8.783	0.0	83	17912	4.76	
100 N-Propylbenzene	91	8.795	8.795	0.0	97	314992	4.99	
101 trans-1,4-Dichloro-2-butene	53	8.820	8.820	0.0	64	86242	31.0	
102 2-Chlorotoluene	126	8.880	8.881	-0.001	94	61353	4.92	
104 1,3,5-Trimethylbenzene	105	8.990	8.990	0.0	85	208440	4.90	
105 4-Chlorotoluene	91	9.002	9.002	0.0	98	227716	5.00	
106 tert-Butylbenzene	134	9.331	9.331	0.0	89	47432	4.86	
108 1,2,4-Trimethylbenzene	105	9.391	9.392	-0.001	91	213801	4.93	
109 sec-Butylbenzene	105	9.562	9.562	0.0	95	276604	5.05	
110 1,3-Dichlorobenzene	146	9.683	9.684	-0.001	95	126248	4.83	
111 4-Isopropyltoluene	119	9.726	9.726	0.0	86	235026	5.02	
113 1,4-Dichlorobenzene	146	9.781	9.781	0.0	88	131370	4.89	
115 n-Butylbenzene	91	10.140	10.140	0.0	94	219495	5.18	
116 1,2-Dichlorobenzene	146	10.146	10.146	0.0	90	119922	4.94	
117 1,2-Dibromo-3-Chloropropane	75	10.918	10.919	-0.001	35	7014	4.30	
119 1,2,4-Trichlorobenzene	180	11.618	11.618	0.0	89	67101	4.85	
120 Hexachlorobutadiene	225	11.752	11.752	0.0	93	36176	5.21	

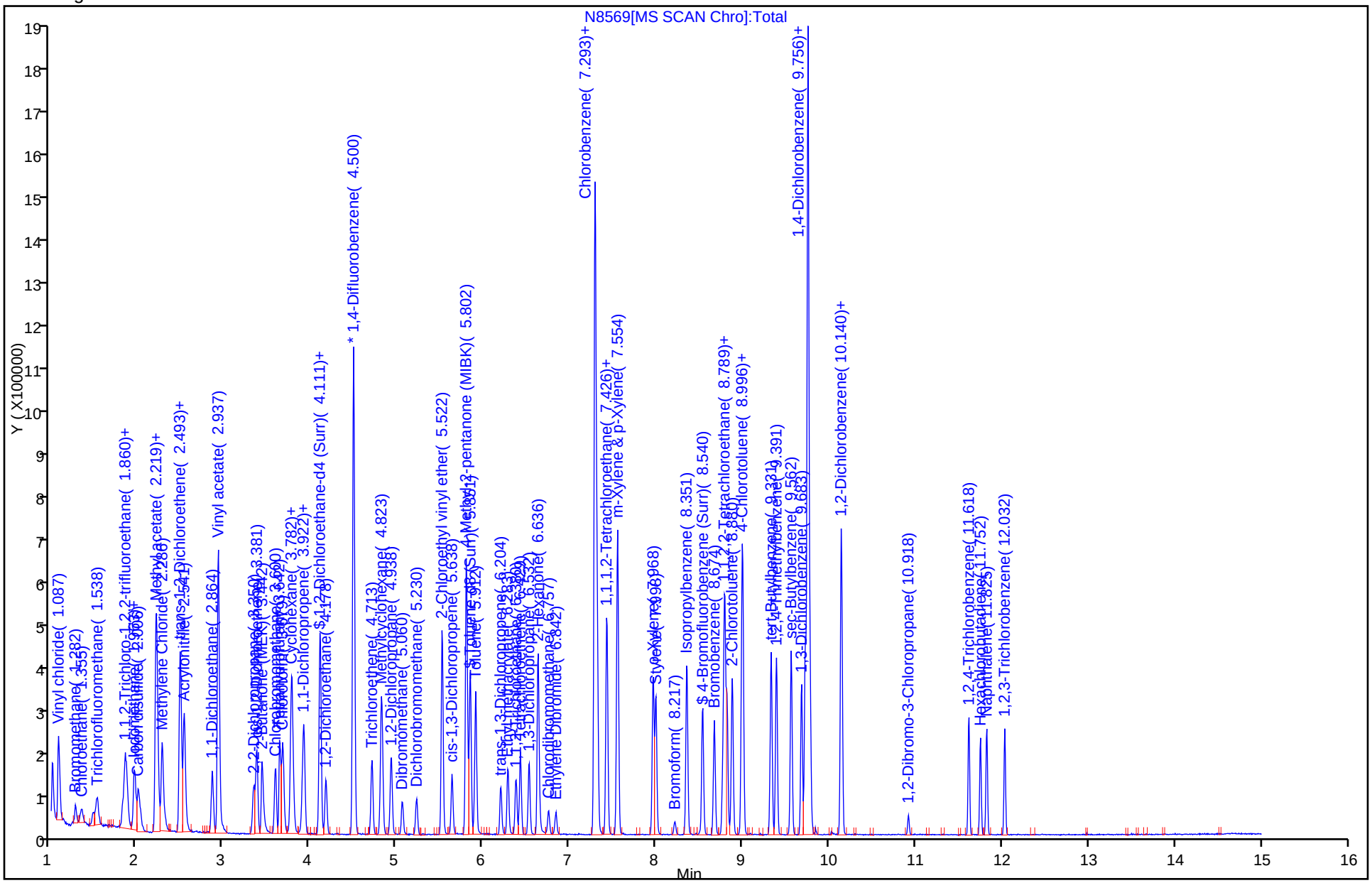
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.825	11.825	0.0	96	157161	4.78	
122 1,2,3-Trichlorobenzene	180	12.032	12.032	0.0	94	57717	4.94	
S 125 Total BTEX	1				0		29.4	
S 126 Xylenes, Total	1				0		14.5	
S 123 1,3-Dichloropropene, Total	1				0		8.78	
S 124 1,2-Dichloroethene, Total	1				0		10.1	

Report Date: 03-Jul-2012 10:08:02 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8569.D

Injection Date:	02-Jul-2012 16:38:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	70887	Lims Sample ID:	3
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8570.D
Lims ID: IC 3 Client ID:
Inject. Date: 02-Jul-2012 17:01:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: IC 3
Misc. Info.: 480-0013116-004
Operator: LH Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 18
Lims Batch ID: 70887 Lims Sample ID: 4
Sublist: chrom-N-8260*sub7
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N-8260.m
Last Update: 03-Jul-2012 10:08:46 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 03-Jul-2012 10:08:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	94	747088	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	91	691094	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.757	9.757	0.0	90	426207	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	70	174250	11.0	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	84	412671	10.9	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	85	170814	12.2	
11 Dichlorodifluoromethane	85	0.935	0.935	0.0	95	91223	10.3	
13 Chloromethane	50	1.021	1.021	0.0	89	230020	10.3	
14 Vinyl chloride	62	1.100	1.100	0.0	97	134923	10.2	
15 Bromomethane	94	1.288	1.282	0.006	86	46477	11.7	
16 Chloroethane	64	1.355	1.349	0.006	89	65488	10.2	
18 Trichlorofluoromethane	101	1.526	1.489	0.037	85	107605	9.92	
20 Acrolein	56	1.830	1.830	0.0	97	64117	191.6	
22 1,1-Dichloroethene	96	1.860	1.860	0.0	89	81259	10.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.872	0.006	87	67954	10.4	
23 Acetone	43	1.964	1.964	0.0	95	306265	47.6	
24 Iodomethane	142	1.988	1.982	0.006	97	112970	10.6	
25 Carbon disulfide	76	2.018	2.012	0.006	98	280215	10.5	
28 Methyl acetate	43	2.219	2.219	0.0	95	263945	10.0	
29 Acetonitrile	40	2.219	2.219	0.0	99	444096	322.6	
30 Methylene Chloride	84	2.292	2.292	0.0	80	119274	10.1	
33 trans-1,2-Dichloroethene	96	2.493	2.493	0.0	87	119814	10.3	
32 Methyl tert-butyl ether	73	2.499	2.499	0.0	85	375034	10.2	
34 Acrylonitrile	53	2.541	2.541	0.0	96	364048	50.1	
36 1,1-Dichloroethane	63	2.870	2.864	0.006	97	256106	10.2	
39 Vinyl acetate	43	2.937	2.931	0.006	96	1951688	53.3	
42 2,2-Dichloropropane	77	3.345	3.344	0.0	78	108303	10.6	
43 cis-1,2-Dichloroethene	96	3.387	3.381	0.006	85	129250	10.3	
44 2-Butanone (MEK)	43	3.442	3.436	0.006	95	467945	48.1	
47 Chlorobromomethane	128	3.600	3.600	0.0	82	60652	10.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.643	3.630	0.013	91	335446	48.6	
50 Chloroform	83	3.685	3.685	0.0	91	192424	10.3	
51 1,1,1-Trichloroethane	97	3.783	3.776	0.007	89	150667	10.4	
52 Cyclohexane	56	3.789	3.789	0.0	93	304697	10.6	
53 Carbon tetrachloride	117	3.916	3.910	0.006	80	112060	10.2	
54 1,1-Dichloropropene	75	3.929	3.929	0.001	80	143168	10.0	
55 Benzene	78	4.111	4.117	-0.006	87	403252	10.1	
57 1,2-Dichloroethane	62	4.184	4.178	0.006	93	178869	10.0	
60 Trichloroethene	95	4.713	4.713	0.0	92	97402	9.91	
62 Methylcyclohexane	83	4.829	4.823	0.006	89	186753	10.5	
63 1,2-Dichloropropane	63	4.938	4.932	0.006	81	111394	10.2	
64 Dibromomethane	93	5.066	5.060	0.006	87	56859	9.78	
67 Dichlorobromomethane	83	5.224	5.230	-0.006	90	95945	9.68	
69 2-Chloroethyl vinyl ether	63	5.522	5.522	0.0	81	313385	49.3	
71 cis-1,3-Dichloropropene	75	5.638	5.638	0.0	77	113918	9.68	
72 4-Methyl-2-pentanone (MIBK)	43	5.802	5.802	0.0	96	1004235	50.1	
73 Toluene	92	5.912	5.912	0.0	90	231926	9.83	
75 trans-1,3-Dichloropropene	75	6.204	6.204	0.0	88	98447	9.52	
77 Ethyl methacrylate	69	6.283	6.283	0.0	83	113738	9.92	
78 1,1,2-Trichloroethane	83	6.380	6.380	0.0	93	62639	10.1	
79 Tetrachloroethene	166	6.429	6.429	0.0	92	98128	9.72	
80 1,3-Dichloropropane	76	6.532	6.532	0.0	83	130827	10.1	
82 2-Hexanone	43	6.630	6.630	0.0	95	668944	49.5	
83 Chlorodibromomethane	129	6.757	6.757	0.0	85	59245	8.38	
84 Ethylene Dibromide	107	6.836	6.836	0.0	96	76627	9.90	
85 Chlorobenzene	112	7.317	7.323	-0.006	87	280420	10.0	
88 Ethylbenzene	91	7.427	7.427	0.0	98	486737	10.1	
89 1,1,1,2-Tetrachloroethane	131	7.427	7.427	0.0	87	86087	10.1	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	97	382925	20.7	
91 o-Xylene	106	7.962	7.968	-0.006	98	188406	10.2	
92 Styrene	104	7.998	7.998	0.0	94	300081	10.4	
93 Bromoform	173	8.217	8.217	0.0	94	35407	9.97	
95 Isopropylbenzene	105	8.357	8.357	0.0	96	508663	9.83	
97 Bromobenzene	156	8.674	8.674	0.0	90	131263	9.79	
98 1,1,2,2-Tetrachloroethane	83	8.771	8.771	0.0	95	124503	9.45	
99 1,2,3-Trichloropropane	110	8.789	8.783	0.006	90	38876	10.1	
100 N-Propylbenzene	91	8.795	8.795	0.0	97	638092	9.86	
101 trans-1,4-Dichloro-2-butene	53	8.820	8.820	0.0	64	175921	45.6	
102 2-Chlorotoluene	126	8.881	8.881	0.0	95	123525	9.65	
104 1,3,5-Trimethylbenzene	105	8.990	8.990	0.0	85	435318	9.97	
105 4-Chlorotoluene	91	9.002	9.002	0.0	98	464391	9.93	
106 tert-Butylbenzene	134	9.331	9.331	0.0	93	100385	10.0	
108 1,2,4-Trimethylbenzene	105	9.392	9.392	0.0	90	446138	10.0	
109 sec-Butylbenzene	105	9.562	9.562	0.0	92	552529	9.83	
110 1,3-Dichlorobenzene	146	9.684	9.684	0.0	95	261004	9.73	
111 4-Isopropyltoluene	119	9.726	9.726	0.0	88	479695	9.99	
113 1,4-Dichlorobenzene	146	9.781	9.781	0.0	92	273624	9.93	
115 n-Butylbenzene	91	10.140	10.140	0.0	94	430123	9.89	
116 1,2-Dichlorobenzene	146	10.152	10.146	0.006	95	246862	9.91	
117 1,2-Dibromo-3-Chloropropane	75	10.919	10.919	0.0	48	15014	8.13	
119 1,2,4-Trichlorobenzene	180	11.618	11.618	0.0	90	138012	9.73	
120 Hexachlorobutadiene	225	11.752	11.752	0.0	95	68305	9.59	

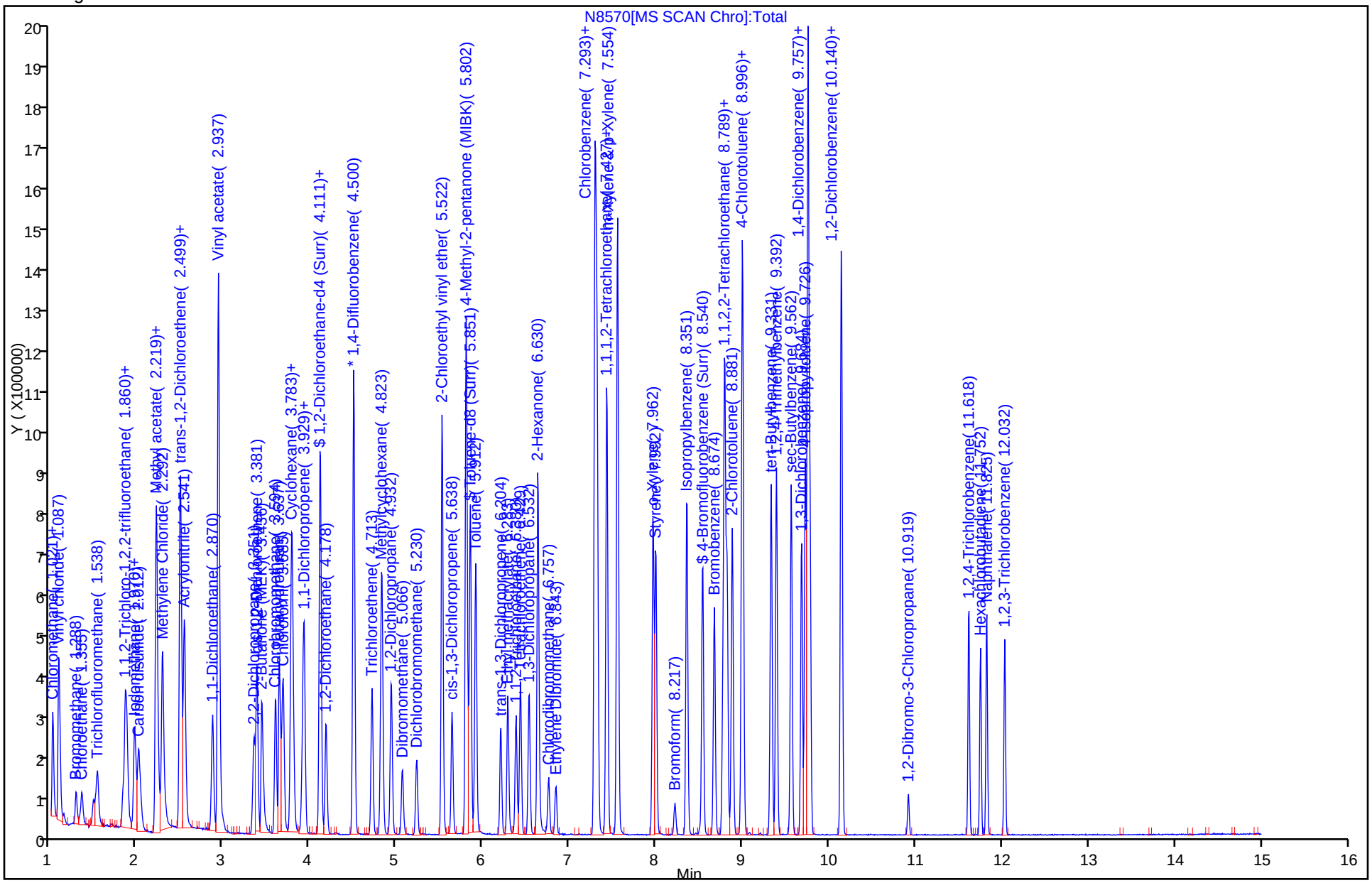
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.825	11.825	0.0	97	322482	9.56	
122 1,2,3-Trichlorobenzene	180	12.032	12.032	0.0	91	117157	9.77	
S 125 Total BTEX	1				0		60.9	
S 126 Xylenes, Total	1				0		30.9	
S 123 1,3-Dichloropropene, Total	1				0		19.2	
S 124 1,2-Dichloroethene, Total	1				0		20.6	

Report Date: 03-Jul-2012 10:08:46 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8570.D

Injection Date:	02-Jul-2012 17:01:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	70887	Lims Sample ID:	4
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8571.D		
Lims ID:	ICIS 4	Client ID:	
Inject. Date:	02-Jul-2012 17:25:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	4
Sample ID:	ICIS 4		
Misc. Info.:	480-0013116-005		
Operator:	LH	Instrument ID:	HP5973N
Vol. Injected:	1.0000	ALS Bottle#:	19
Lims Batch ID:	70887	Lims Sample ID:	5
Sublist:	chrom-N-8260*sub7		
Detector:	MS SCAN		
Method:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N-8260.m		
Last Update:	03-Jul-2012 10:04:22	Calib Date:	02-Jul-2012 22:34:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: HillL		Date:	03-Jul-2012 10:04:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	94	779737	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	92	714694	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.757	9.757	0.0	82	421095	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	95	355326	21.5	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	84	885343	22.7	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	83	321102	22.1	
11 Dichlorodifluoromethane	85	0.935	0.935	0.0	85	236005	25.6	
13 Chloromethane	50	1.021	1.021	0.0	100	571529	24.4	
14 Vinyl chloride	62	1.100	1.100	0.0	98	345146	25.1	
15 Bromomethane	94	1.282	1.282	0.0	92	99863	24.9	
16 Chloroethane	64	1.349	1.349	0.0	94	160666	24.0	
18 Trichlorofluoromethane	101	1.489	1.489	0.0	90	283364	25.0	
20 Acrolein	56	1.830	1.830	0.0	97	171100	437.7	
22 1,1-Dichloroethene	96	1.860	1.860	0.0	90	209498	24.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.872	0.0	88	171217	25.2	
23 Acetone	43	1.964	1.964	0.0	94	909199	135.5	
24 Iodomethane	142	1.982	1.982	0.0	98	279532	25.0	
25 Carbon disulfide	76	2.012	2.012	0.0	98	713920	25.7	
28 Methyl acetate	43	2.219	2.219	0.0	45	678145	24.6	
29 Acetonitrile	40	2.219	2.219	0.0	99	1657551	1153.6	
30 Methylene Chloride	84	2.292	2.292	0.0	82	296837	24.1	
33 trans-1,2-Dichloroethene	96	2.493	2.493	0.0	90	299719	24.7	
32 Methyl tert-butyl ether	73	2.499	2.499	0.0	85	959395	24.9	
34 Acrylonitrile	53	2.541	2.541	0.0	95	971291	128.2	
36 1,1-Dichloroethane	63	2.864	2.864	0.0	97	635605	24.3	
39 Vinyl acetate	43	2.931	2.931	0.0	97	5174238	135.4	
42 2,2-Dichloropropane	77	3.344	3.344	0.0	77	261961	24.5	
43 cis-1,2-Dichloroethene	96	3.381	3.381	0.0	86	324003	24.8	
44 2-Butanone (MEK)	43	3.436	3.436	0.0	95	1299805	128.1	
47 Chlorobromomethane	128	3.600	3.600	0.0	82	142081	24.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.630	3.630	0.0	90	929945	129.0	
50 Chloroform	83	3.685	3.685	0.0	96	477252	24.4	
51 1,1,1-Trichloroethane	97	3.776	3.776	0.0	87	380184	25.2	
52 Cyclohexane	56	3.789	3.789	0.0	95	752261	25.1	
53 Carbon tetrachloride	117	3.910	3.910	0.0	84	298156	26.1	
54 1,1-Dichloropropene	75	3.929	3.929	0.0	81	371916	24.9	
55 Benzene	78	4.117	4.117	0.0	95	1032752	24.7	
57 1,2-Dichloroethane	62	4.178	4.178	0.0	94	449390	24.1	
60 Trichloroethene	95	4.713	4.713	0.0	93	252984	24.7	
62 Methylcyclohexane	83	4.823	4.823	0.0	91	469415	25.2	
63 1,2-Dichloropropane	63	4.932	4.932	0.0	83	283097	24.8	
64 Dibromomethane	93	5.060	5.060	0.0	83	147947	24.4	
67 Dichlorobromomethane	83	5.230	5.230	0.0	90	260582	25.2	
69 2-Chloroethyl vinyl ether	63	5.522	5.522	0.0	81	844961	127.5	
71 cis-1,3-Dichloropropene	75	5.638	5.638	0.0	77	313319	25.5	
72 4-Methyl-2-pentanone (MIBK)	43	5.802	5.802	0.0	96	2706139	130.5	
73 Toluene	92	5.912	5.912	0.0	90	600501	24.6	
75 trans-1,3-Dichloropropene	75	6.204	6.204	0.0	86	274329	25.6	
77 Ethyl methacrylate	69	6.283	6.283	0.0	84	310545	26.2	
78 1,1,2-Trichloroethane	83	6.380	6.380	0.0	94	161868	25.2	
79 Tetrachloroethene	166	6.429	6.429	0.0	89	252224	24.2	
80 1,3-Dichloropropane	76	6.532	6.532	0.0	86	336368	25.1	
82 2-Hexanone	43	6.630	6.630	0.0	96	1835146	131.3	
83 Chlorodibromomethane	129	6.757	6.757	0.0	86	168915	21.7	
84 Ethylene Dibromide	107	6.836	6.836	0.0	98	201250	25.1	
85 Chlorobenzene	112	7.323	7.323	0.0	88	702595	24.2	
88 Ethylbenzene	91	7.427	7.427	0.0	98	1238313	24.9	
89 1,1,1,2-Tetrachloroethane	131	7.427	7.427	0.0	85	219407	24.8	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	96	941854	49.3	
91 o-Xylene	106	7.968	7.968	0.0	97	476470	24.9	
92 Styrene	104	7.998	7.998	0.0	92	757357	25.4	
93 Bromoform	173	8.217	8.217	0.0	94	103192	21.6	
95 Isopropylbenzene	105	8.357	8.357	0.0	96	1270312	24.9	
97 Bromobenzene	156	8.674	8.674	0.0	88	317199	23.9	
98 1,1,2,2-Tetrachloroethane	83	8.771	8.771	0.0	95	318371	24.5	
99 1,2,3-Trichloropropane	110	8.783	8.783	0.0	89	93527	24.5	
100 N-Propylbenzene	91	8.795	8.795	0.0	96	1616073	25.3	
101 trans-1,4-Dichloro-2-butene	53	8.820	8.820	0.0	74	550643	109.2	
102 2-Chlorotoluene	126	8.881	8.881	0.0	94	311788	24.7	
104 1,3,5-Trimethylbenzene	105	8.990	8.990	0.0	85	1086425	25.2	
105 4-Chlorotoluene	91	9.002	9.002	0.0	98	1109174	24.0	
106 tert-Butylbenzene	134	9.331	9.331	0.0	93	248332	25.1	
108 1,2,4-Trimethylbenzene	105	9.392	9.392	0.0	91	1097537	25.0	
109 sec-Butylbenzene	105	9.562	9.562	0.0	96	1414799	25.5	
110 1,3-Dichlorobenzene	146	9.684	9.684	0.0	96	639191	24.1	
111 4-Isopropyltoluene	119	9.726	9.726	0.0	87	1206573	25.4	
113 1,4-Dichlorobenzene	146	9.781	9.781	0.0	82	667802	24.5	
115 n-Butylbenzene	91	10.140	10.140	0.0	95	1114700	26.0	
116 1,2-Dichlorobenzene	146	10.146	10.146	0.0	93	596665	24.3	
117 1,2-Dibromo-3-Chloropropane	75	10.919	10.919	0.0	65	45097	23.1	
119 1,2,4-Trichlorobenzene	180	11.618	11.618	0.0	93	359997	25.7	
120 Hexachlorobutadiene	225	11.752	11.752	0.0	94	179510	25.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.825	11.825	0.0	97	876510	26.3	
122 1,2,3-Trichlorobenzene	180	12.032	12.032	0.0	93	309331	26.1	
S 125 Total BTEX	1				0		148.4	
S 126 Xylenes, Total	1				0		74.1	
S 123 1,3-Dichloropropene, Total	1				0		51.2	
S 124 1,2-Dichloroethene, Total	1				0		49.5	

Report Date: 03-Jul-2012 10:04:22 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8571.D

Injection Date: 02-Jul-2012 17:25:30 Limit Group: MV - 8260B ICAL

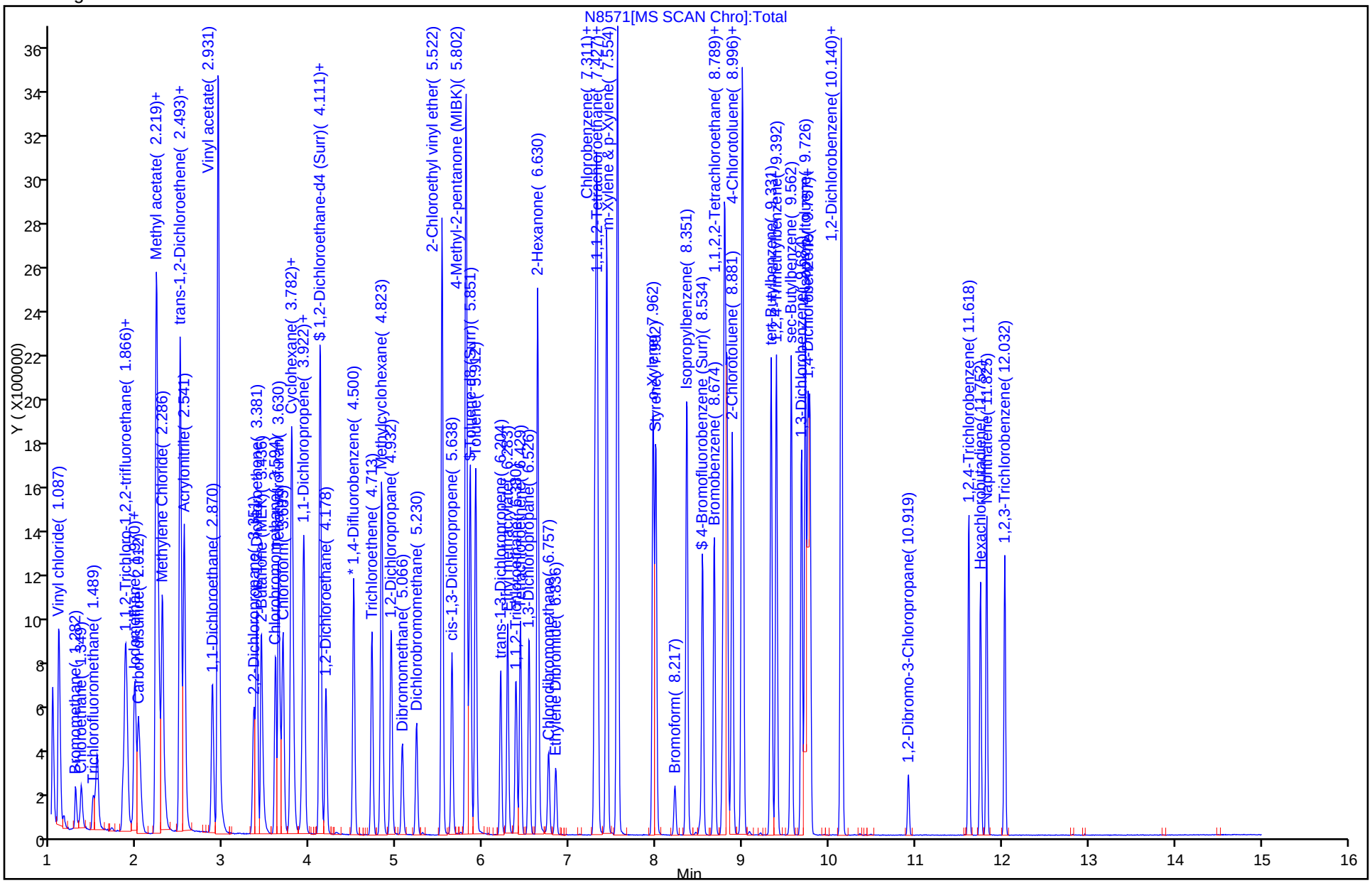
Client ID: Instrument ID: HP5973N

Lims Batch ID: 70887 Lims Sample ID: 5

Operator ID: LH

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8572.D
Lims ID: IC 5 Client ID:
Inject. Date: 02-Jul-2012 17:49:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: IC 5
Misc. Info.: 480-0013116-006
Operator: LH Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 20
Lims Batch ID: 70887 Lims Sample ID: 6
Sublist: chrom-N-8260*sub7
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N-8260.m
Last Update: 03-Jul-2012 10:09:32 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 03-Jul-2012 10:09:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.506	4.500	0.006	93	845982	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	92	765951	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.756	9.757	-0.001	74	425426	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	92	858707	48.0	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	84	2090934	49.9	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	88	732192	47.0	
11 Dichlorodifluoromethane	85	0.935	0.935	0.0	97	453635	45.4	
13 Chloromethane	50	1.027	1.021	0.006	100	1137251	44.8	
14 Vinyl chloride	62	1.106	1.100	0.006	83	647563	43.4	
15 Bromomethane	94	1.294	1.282	0.012	93	227022	53.0	
16 Chloroethane	64	1.355	1.349	0.006	93	331060	45.5	
18 Trichlorofluoromethane	101	1.525	1.489	0.036	96	575114	46.8	
20 Acrolein	56	1.836	1.830	0.006	95	529003	1033.8	
22 1,1-Dichloroethene	96	1.866	1.860	0.006	91	412503	45.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.872	0.006	92	346292	47.0	
23 Acetone	43	1.963	1.964	-0.001	95	1776524	244.0	
24 Iodomethane	142	1.988	1.982	0.006	98	550613	45.5	
25 Carbon disulfide	76	2.018	2.012	0.006	98	1441342	47.9	
28 Methyl acetate	43	2.219	2.219	0.0	49	1443824	48.3	
29 Acetonitrile	40	2.219	2.219	0.0	100	2780919	1783.9	
30 Methylene Chloride	84	2.292	2.292	0.0	82	595302	44.5	
33 trans-1,2-Dichloroethene	96	2.499	2.493	0.006	73	603823	45.8	
32 Methyl tert-butyl ether	73	2.493	2.499	-0.006	85	1970559	47.2	
34 Acrylonitrile	53	2.541	2.541	0.0	95	2050699	249.4	
36 1,1-Dichloroethane	63	2.870	2.864	0.006	97	1307245	46.1	
39 Vinyl acetate	43	2.937	2.931	0.006	97	10353732	249.7	
42 2,2-Dichloropropane	77	3.350	3.344	0.006	83	525395	45.3	
43 cis-1,2-Dichloroethene	96	3.381	3.381	0.0	89	651079	46.0	
44 2-Butanone (MEK)	43	3.430	3.436	-0.006	94	2773845	252.0	
47 Chlorobromomethane	128	3.600	3.600	0.0	80	301500	47.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.624	3.630	-0.006	90	1999374	255.6	
50 Chloroform	83	3.685	3.685	0.0	91	994633	46.8	
51 1,1,1-Trichloroethane	97	3.782	3.776	0.006	90	784286	47.9	
52 Cyclohexane	56	3.788	3.789	-0.001	95	1522516	46.7	
53 Carbon tetrachloride	117	3.910	3.910	0.0	86	649144	52.4	
54 1,1-Dichloropropene	75	3.928	3.929	0.0	79	787274	48.6	
55 Benzene	78	4.117	4.117	0.0	94	2154968	47.6	
57 1,2-Dichloroethane	62	4.178	4.178	0.0	94	972138	48.1	
60 Trichloroethene	95	4.713	4.713	0.0	92	545725	49.0	
62 Methylcyclohexane	83	4.829	4.823	0.006	91	961113	47.6	
63 1,2-Dichloropropane	63	4.932	4.932	0.0	84	616105	49.7	
64 Dibromomethane	93	5.060	5.060	0.0	89	321450	48.8	
67 Dichlorobromomethane	83	5.230	5.230	0.0	90	607698	54.2	
69 2-Chloroethyl vinyl ether	63	5.522	5.522	0.0	81	1901895	264.5	
71 cis-1,3-Dichloropropene	75	5.638	5.638	0.0	78	723543	54.3	
72 4-Methyl-2-pentanone (MIBK)	43	5.796	5.802	-0.006	97	5633579	253.5	
73 Toluene	92	5.912	5.912	0.0	90	1286816	49.2	
75 trans-1,3-Dichloropropene	75	6.204	6.204	0.0	87	640857	55.9	
77 Ethyl methacrylate	69	6.283	6.283	0.0	86	695474	54.7	
78 1,1,2-Trichloroethane	83	6.380	6.380	0.0	96	344581	50.1	
79 Tetrachloroethene	166	6.429	6.429	0.0	92	544143	48.6	
80 1,3-Dichloropropane	76	6.532	6.532	0.0	83	731024	50.8	
82 2-Hexanone	43	6.630	6.630	0.0	96	3848701	256.9	
83 Chlorodibromomethane	129	6.757	6.757	0.0	86	414611	48.8	
84 Ethylene Dibromide	107	6.836	6.836	0.0	98	444784	51.9	
85 Chlorobenzene	112	7.323	7.323	0.0	89	1489458	47.9	
88 Ethylbenzene	91	7.433	7.427	0.006	98	2535039	47.6	
89 1,1,1,2-Tetrachloroethane	131	7.426	7.427	-0.001	86	482042	50.9	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	97	1948773	95.1	
91 o-Xylene	106	7.968	7.968	0.0	97	974712	47.5	
92 Styrene	104	7.998	7.998	0.0	92	1581711	49.5	
93 Bromoform	173	8.217	8.217	0.0	93	262703	46.4	
95 Isopropylbenzene	105	8.357	8.357	0.0	97	2583523	50.0	
97 Bromobenzene	156	8.674	8.674	0.0	88	641404	47.9	
98 1,1,2,2-Tetrachloroethane	83	8.771	8.771	0.0	96	646428	49.2	
99 1,2,3-Trichloropropane	110	8.789	8.783	0.006	83	192364	49.9	
100 N-Propylbenzene	91	8.795	8.795	0.0	96	3299131	51.1	
101 trans-1,4-Dichloro-2-butene	53	8.820	8.820	0.0	82	1359486	243.4	
102 2-Chlorotoluene	126	8.880	8.881	-0.001	94	621206	48.6	
104 1,3,5-Trimethylbenzene	105	8.996	8.990	0.006	82	2162176	49.6	
105 4-Chlorotoluene	91	9.002	9.002	0.0	98	2279598	48.8	
106 tert-Butylbenzene	134	9.331	9.331	0.0	94	483293	48.4	
108 1,2,4-Trimethylbenzene	105	9.391	9.392	-0.001	91	2209273	49.7	
109 sec-Butylbenzene	105	9.562	9.562	0.0	95	2748111	49.0	
110 1,3-Dichlorobenzene	146	9.683	9.684	-0.001	96	1274694	47.6	
111 4-Isopropyltoluene	119	9.726	9.726	0.0	86	2381976	49.7	
113 1,4-Dichlorobenzene	146	9.781	9.781	0.0	88	1317236	47.9	
115 n-Butylbenzene	91	10.140	10.140	0.0	95	2169849	50.0	
116 1,2-Dichlorobenzene	146	10.152	10.146	0.006	95	1185952	47.7	
117 1,2-Dibromo-3-Chloropropane	75	10.918	10.919	-0.001	68	95470	47.6	
119 1,2,4-Trichlorobenzene	180	11.618	11.618	0.0	94	673514	47.6	
120 Hexachlorobutadiene	225	11.752	11.752	0.0	94	331123	46.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.825	11.825	0.0	97	1650335	49.0	
122 1,2,3-Trichlorobenzene	180	12.032	12.032	0.0	95	561436	46.9	
S 125 Total BTEX	1				0		287.0	
S 126 Xylenes, Total	1				0		142.6	
S 123 1,3-Dichloropropene, Total	1				0		110.2	
S 124 1,2-Dichloroethene, Total	1				0		91.7	

Report Date: 03-Jul-2012 10:09:32 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8572.D

Injection Date: 02-Jul-2012 17:49:30 Limit Group: MV - 8260B ICAL

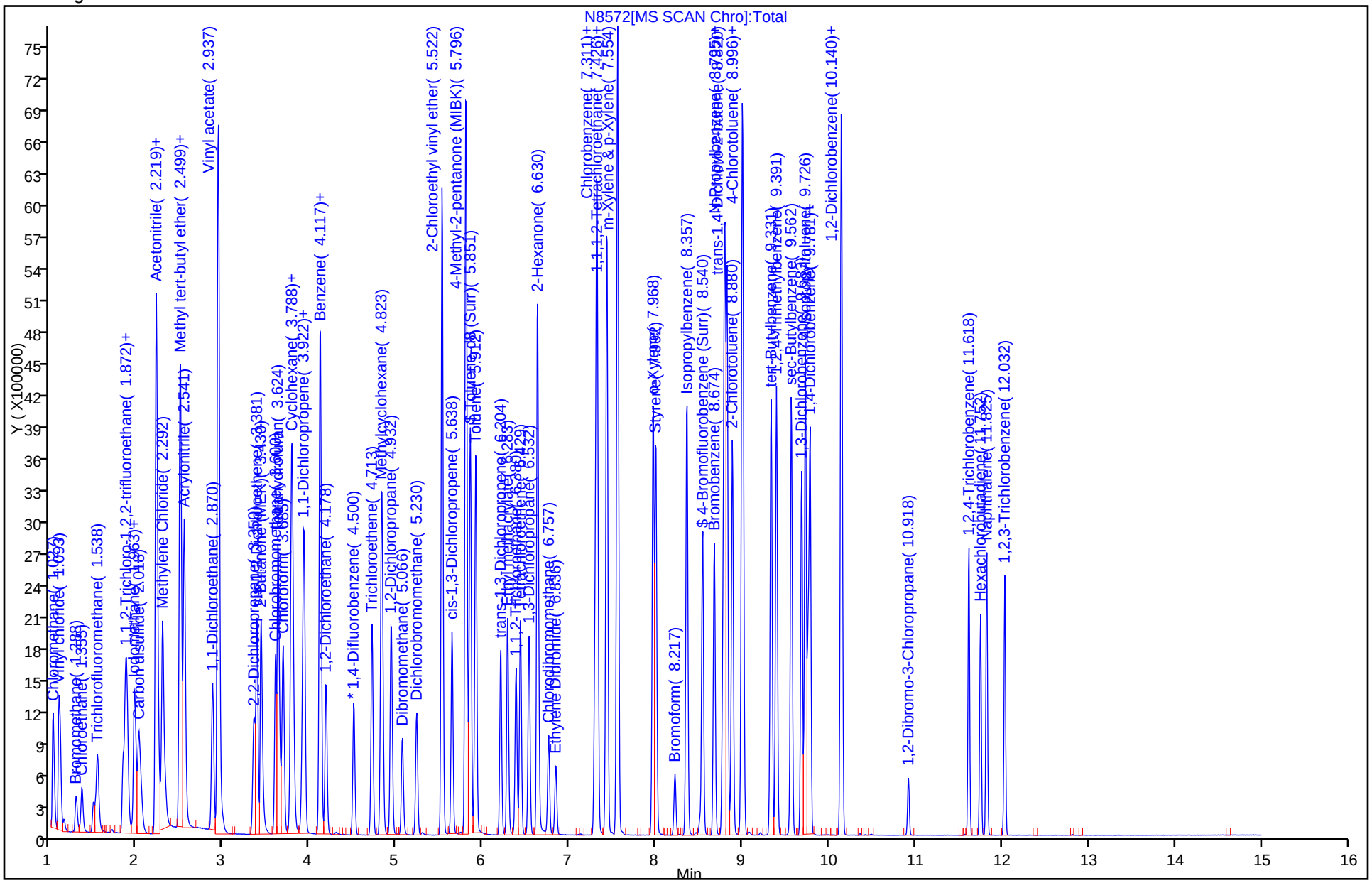
Client ID: Instrument ID: HP5973N

Lims Batch ID: 70887 Lims Sample ID: 6

Operator ID: LH

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8573.D
Lims ID: IC 6 Client ID:
Inject. Date: 02-Jul-2012 18:13:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: IC 6
Misc. Info.: 480-0013116-007
Operator: LH Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 21
Lims Batch ID: 70887 Lims Sample ID: 7
Sublist: chrom-N-8260*sub7
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N-8260.m
Last Update: 03-Jul-2012 10:10:16 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 03-Jul-2012 10:10:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	94	860943	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	91	756012	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.757	9.757	0.0	90	420725	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	94	1904363	104.6	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	84	4460573	107.9	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	82	1581686	102.9	
11 Dichlorodifluoromethane	85	0.935	0.935	0.0	96	917091	90.1	
13 Chloromethane	50	1.027	1.021	0.006	100	2229184	86.2	
14 Vinyl chloride	62	1.106	1.100	0.006	99	1322200	87.0	
15 Bromomethane	94	1.288	1.282	0.006	91	412660	95.3	
16 Chloroethane	64	1.355	1.349	0.006	93	681085	92.0	
18 Trichlorofluoromethane	101	1.526	1.489	0.037	96	1212465	97.0	
20 Acrolein	56	1.830	1.830	0.0	96	1313635	1996.1	
22 1,1-Dichloroethene	96	1.866	1.860	0.006	90	846208	91.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.872	0.0	91	693808	92.4	
23 Acetone	43	1.964	1.964	0.0	95	3999200	539.7	
24 Iodomethane	142	1.982	1.982	0.0	98	1134984	92.1	
25 Carbon disulfide	76	2.018	2.012	0.006	98	3009505	98.3	
28 Methyl acetate	43	2.219	2.219	0.0	47	2941418	96.7	
29 Acetonitrile	40	2.219	2.219	0.0	97	7387888	4656.7	
30 Methylene Chloride	84	2.292	2.292	0.0	80	1195511	87.8	
33 trans-1,2-Dichloroethene	96	2.493	2.493	0.0	77	1221571	91.0	
32 Methyl tert-butyl ether	73	2.493	2.499	-0.006	85	3955231	93.1	
34 Acrylonitrile	53	2.542	2.541	0.001	95	4263646	509.6	
36 1,1-Dichloroethane	63	2.870	2.864	0.006	97	2655253	92.1	
39 Vinyl acetate	43	2.931	2.931	0.0	100	16071638	380.9	
42 2,2-Dichloropropane	77	3.345	3.344	0.001	80	1057010	89.5	
43 cis-1,2-Dichloroethene	96	3.381	3.381	0.0	89	1327199	92.0	
44 2-Butanone (MEK)	43	3.424	3.436	-0.012	94	5923077	528.8	
47 Chlorobromomethane	128	3.600	3.600	0.0	81	602353	92.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.624	3.630	-0.006	90	4189990	526.3	
50 Chloroform	83	3.685	3.685	0.0	91	2009675	93.0	
51 1,1,1-Trichloroethane	97	3.783	3.776	0.007	89	1601949	96.1	
52 Cyclohexane	56	3.789	3.789	0.0	95	3029447	91.4	
53 Carbon tetrachloride	117	3.910	3.910	0.0	84	1366782	108.3	
54 1,1-Dichloropropene	75	3.929	3.929	0.001	81	1620895	98.4	
55 Benzene	78	4.117	4.117	0.0	93	4390189	95.2	
57 1,2-Dichloroethane	62	4.178	4.178	0.0	94	2019510	98.3	
60 Trichloroethene	95	4.713	4.713	0.0	92	1132971	100.0	
62 Methylcyclohexane	83	4.823	4.823	0.0	91	1926907	93.8	
63 1,2-Dichloropropane	63	4.932	4.932	0.0	84	1282426	101.6	
64 Dibromomethane	93	5.060	5.060	0.0	91	663168	99.0	
67 Dichlorobromomethane	83	5.230	5.230	0.0	89	1304683	114.2	
69 2-Chloroethyl vinyl ether	63	5.522	5.522	0.0	82	3683268	503.3	
71 cis-1,3-Dichloropropene	75	5.638	5.638	0.0	79	1518733	112.0	
72 4-Methyl-2-pentanone (MIBK)	43	5.802	5.802	0.0	98	10286260	469.0	
73 Toluene	92	5.912	5.912	0.0	90	2588682	100.3	
75 trans-1,3-Dichloropropene	75	6.204	6.204	0.0	89	1343265	118.7	
77 Ethyl methacrylate	69	6.283	6.283	0.0	86	1376956	109.8	
78 1,1,2-Trichloroethane	83	6.380	6.380	0.0	95	694655	102.4	
79 Tetrachloroethene	166	6.429	6.429	0.0	92	1096268	99.3	
80 1,3-Dichloropropane	76	6.532	6.532	0.0	83	1454733	102.5	
82 2-Hexanone	43	6.630	6.630	0.0	96	7286716	492.7	
83 Chlorodibromomethane	129	6.757	6.757	0.0	86	902899	106.6	
84 Ethylene Dibromide	107	6.843	6.836	0.007	98	894791	105.7	
85 Chlorobenzene	112	7.323	7.323	0.0	88	2933728	95.6	
88 Ethylbenzene	91	7.433	7.427	0.006	98	4962249	94.4	
89 1,1,1,2-Tetrachloroethane	131	7.427	7.427	0.0	87	1003289	107.4	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	97	3791228	187.4	
91 o-Xylene	106	7.968	7.968	0.0	97	1932660	95.4	
92 Styrene	104	7.999	7.998	0.0	92	3133714	99.4	
93 Bromoform	173	8.218	8.217	0.001	93	598444	102.5	
95 Isopropylbenzene	105	8.357	8.357	0.0	97	5056287	99.0	
97 Bromobenzene	156	8.674	8.674	0.0	87	1303057	98.4	
98 1,1,2,2-Tetrachloroethane	83	8.771	8.771	0.0	96	1317561	101.3	
99 1,2,3-Trichloropropane	110	8.789	8.783	0.006	80	382857	100.5	
100 N-Propylbenzene	91	8.795	8.795	0.0	95	6348814	99.4	
101 trans-1,4-Dichloro-2-butene	53	8.820	8.820	0.0	82	2906833	507.3	
102 2-Chlorotoluene	126	8.881	8.881	0.0	94	1234546	97.7	
104 1,3,5-Trimethylbenzene	105	8.996	8.990	0.006	89	4232529	98.2	
105 4-Chlorotoluene	91	9.002	9.002	0.0	97	4426530	95.9	
106 tert-Butylbenzene	134	9.331	9.331	0.0	93	973068	98.5	
108 1,2,4-Trimethylbenzene	105	9.392	9.392	0.0	91	4299816	97.8	
109 sec-Butylbenzene	105	9.562	9.562	0.0	96	5411559	97.5	
110 1,3-Dichlorobenzene	146	9.684	9.684	0.0	96	2537557	95.8	
111 4-Isopropyltoluene	119	9.726	9.726	0.0	86	4691333	98.9	
113 1,4-Dichlorobenzene	146	9.781	9.781	0.0	92	2602664	95.7	
115 n-Butylbenzene	91	10.140	10.140	0.0	94	4235722	98.7	
116 1,2-Dichlorobenzene	146	10.146	10.146	0.0	94	2311250	94.0	
117 1,2-Dibromo-3-Chloropropane	75	10.919	10.919	0.0	71	212944	106.4	
119 1,2,4-Trichlorobenzene	180	11.618	11.618	0.0	88	1448779	103.5	
120 Hexachlorobutadiene	225	11.752	11.752	0.0	94	705311	100.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.825	11.825	0.0	97	3543737	106.4	
122 1,2,3-Trichlorobenzene	180	12.032	12.032	0.0	92	1214411	102.6	
S 125 Total BTEX	1				0		572.7	
S 126 Xylenes, Total	1				0		282.8	
S 123 1,3-Dichloropropene, Total	1				0		230.7	
S 124 1,2-Dichloroethene, Total	1				0		183.0	

Report Date: 03-Jul-2012 10:10:17 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8573.D

Injection Date: 02-Jul-2012 18:13:30 Limit Group: MV - 8260B ICAL

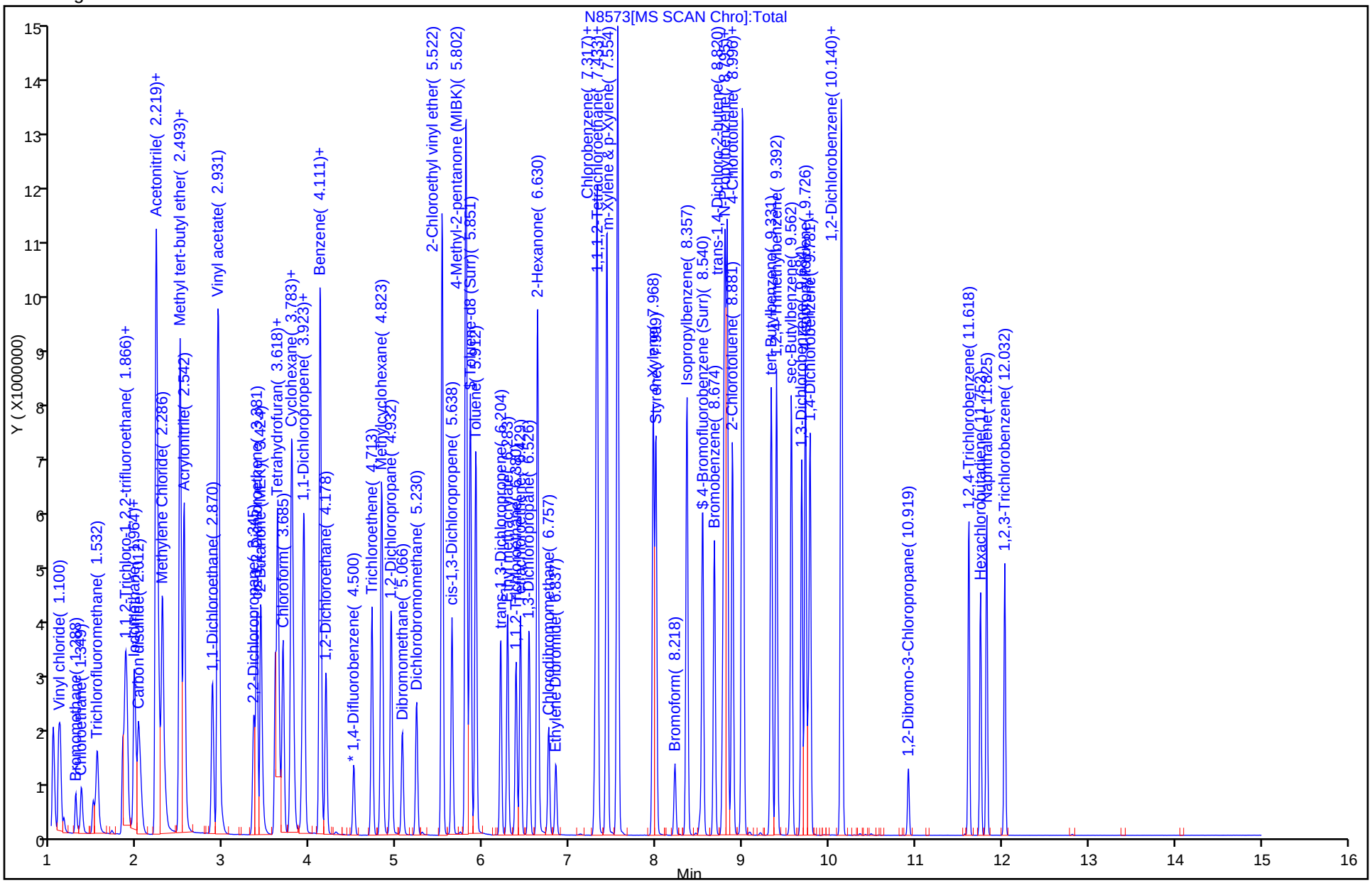
Client ID: Instrument ID: HP5973N

Lims Batch ID: 70887 Lims Sample ID: 7

Operator ID: LH

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-67116/3	Q0928.D
Level 2	IC 480-67116/4	Q0929.D
Level 3	IC 480-67116/5	Q0930.D
Level 4	ICIS 480-67116/6	Q0931.D
Level 5	IC 480-67116/7	Q0932.D
Level 6	IC 480-67116/8	Q0933.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	0.2517 0.3045	0.2741	0.2882	0.2833	0.2947	Ave		0.2827				6.5		15.0			
Chloromethane	0.3185 0.3269	0.3341	0.3247	0.3247	0.3235	Ave		0.3254			0.1000	1.6		15.0			
Vinyl chloride	0.3953 0.5112	0.4596	0.4821	0.4760	0.4908	Ave		0.4692				8.5		30.0			
Bromomethane	0.4470 0.2814	0.2705	0.2649	0.2598	0.2791	Lin1	0.1155	0.2741							0.9980		0.9900
Chloroethane	0.1753 0.1731	0.1672	0.1789	0.1766	0.1774	Ave		0.1748				2.4		15.0			
Trichlorofluoromethane	0.4802 0.5429	0.4923	0.5250	0.5136	0.5234	Ave		0.5129				4.5		15.0			
Acrolein	0.0096 0.0130	0.0080	0.0081	0.0091	0.0113	Lin	-0.944	0.0131							0.9930		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1941 0.2892	0.2049	0.2518	0.2758	0.2851	Lin1	-0.160	0.2867							0.9980		0.9900
1,1-Dichloroethene	0.2225 0.3028	0.2634	0.2697	0.2736	0.2836	Ave		0.2693				9.9		30.0			
Acetone	0.1015 0.0833	0.0853	0.0824	0.0815	0.0819	Ave		0.0860				9.0		15.0			
Iodomethane	0.1724 0.3152	0.1773	0.2320	0.2790	0.3051	Lin1	-0.265	0.3074							0.9940		0.9900
Carbon disulfide	0.6247 0.9297	0.6500	0.7876	0.8535	0.8955	Lin1	-0.529	0.9110							0.9980		0.9900
Acetonitrile	0.0173 0.0192	0.0171	0.0189	0.0186	0.0193	Ave		0.0184				5.2		15.0			
Methyl acetate	0.2863 0.3033	0.2621	0.2781	0.2939	0.2805	Ave		0.2840				5.0		15.0			
Methylene Chloride	0.3462 0.3519	0.3302	0.3308	0.3314	0.3406	Ave		0.3385				2.7		15.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

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 tert-butyl ether	0.8883 1.2198	0.9510	1.0071	1.0578	1.1494	Ave		1.0456				12.0		15.0			
trans-1,2-Dichloroethene	0.2671 0.3856	0.2950	0.3203	0.3306	0.3462	Ave		0.3241				13.0		15.0			
Acrylonitrile	0.0971 0.1078	0.0964	0.0991	0.1023	0.1057	Ave		0.1014				4.6		15.0			
1,1-Dichloroethane	0.4596 0.5741	0.5213	0.5334	0.5259	0.5475	Ave		0.5270			0.1000	7.2		15.0			
Vinyl acetate	0.3857 0.5993	0.4403	0.4961	0.5430	0.5804	Lin1	-1.748	0.5873							0.9980		0.9900
2,2-Dichloropropane	0.3173 0.5163	0.3754	0.4055	0.4386	0.4711	Lin1	-0.320	0.4938							0.9950		0.9900
cis-1,2-Dichloroethene	0.3144 0.4049	0.3398	0.3531	0.3595	0.3797	Ave		0.3586				8.8		15.0			
2-Butanone (MEK)	0.1373 0.1344	0.1240	0.1289	0.1300	0.1348	Ave		0.1316				3.7		15.0			
Bromochloromethane	0.1375 0.1840	0.1570	0.1657	0.1694	0.1783	Ave		0.1653				10.0		15.0			
Tetrahydrofuran	0.0883 0.0902	0.0855	0.0875	0.0893	0.0900	Ave		0.0885				2.0		15.0			
Chloroform	0.5044 0.5966	0.5353	0.5538	0.5595	0.5804	Ave		0.5550				5.9		30.0			
1,1,1-Trichloroethane	0.3362 0.5261	0.3874	0.4293	0.4561	0.4870	Lin1	-0.305	0.5066							0.9960		0.9900
Cyclohexane	0.3320 0.4427	0.3327	0.4245	0.4370	0.4421	Ave		0.4018				13.0		15.0			
Carbon tetrachloride	0.2010 0.4373	0.2355	0.2825	0.3237	0.3754	Lin	-1.594	0.4417							0.9940		0.9900
1,1-Dichloropropene	0.3803 0.4855	0.4095	0.4320	0.4463	0.4617	Ave		0.4359				8.6		15.0			
Benzene	1.1539 1.4288	1.2578	1.3133	1.3035	1.3652	Ave		1.3038				7.2		15.0			
1,2-Dichloroethane	0.4017 0.4357	0.4211	0.4310	0.4265	0.4378	Ave		0.4256				3.1		15.0			
Trichloroethene	0.2849 0.3653	0.3077	0.3202	0.3302	0.3510	Ave		0.3265				8.9		15.0			
Methylcyclohexane	0.3752 0.5716	0.3969	0.4990	0.5271	0.5537	Lin1	-0.327	0.5619							0.9980		0.9900
1,2-Dichloropropane	0.2755 0.3212	0.2906	0.3110	0.3096	0.3173	Ave		0.3042				5.8		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 EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.1915 0.2432	0.2052	0.2157	0.2225	0.2338	Ave		0.2187				8.6		15.0			
Bromodichloromethane	0.2794 0.4659	0.3126	0.3559	0.3926	0.4351	Lin1	-0.325	0.4477							0.9950		0.9900
2-Chloroethyl vinyl ether	0.2006 0.2920	0.2151	0.2334	0.2508	0.2690	Ave		0.2435				14.0		15.0			
cis-1,3-Dichloropropene	0.3483 0.5792	0.4291	0.4813	0.5112	0.5552	Lin1	-0.354	0.5649							0.9970		0.9900
4-Methyl-2-pentanone (MIBK)	0.5859 0.6394	0.5831	0.5986	0.6205	0.6274	Ave		0.6091				3.8		15.0			
Toluene	1.4952 1.9021	1.6442	1.6838	1.7213	1.8093	Ave		1.7093				8.2		30.0			
trans-1,3-Dichloropropene	0.5852 1.1351	0.7643	0.8535	0.9872	1.0895	Lin1	-0.884	1.1042							0.9960		0.9900
Ethyl methacrylate	0.6320 1.0792	0.7697	0.8865	1.0030	1.0596	Lin1	-0.704	1.0657							0.9980		0.9900
1,1,2-Trichloroethane	0.4808 0.5798	0.5328	0.5405	0.5517	0.5717	Ave		0.5429				6.5		15.0			
Tetrachloroethene	0.5986 0.7586	0.6645	0.6910	0.6998	0.7286	Ave		0.6902				8.0		15.0			
1,3-Dichloropropane	1.0852 1.2140	1.1306	1.1639	1.1750	1.2104	Ave		1.1632				4.2		15.0			
2-Hexanone	0.4003 0.4370	0.4042	0.4143	0.4277	0.4316	Ave		0.4192				3.6		15.0			
Dibromochloromethane	0.3418 0.7421	0.4348	0.5028	0.5991	0.6856	Lin1	-0.685	0.7075							0.9910		0.9900
1,2-Dibromoethane	0.5544 0.7368	0.6119	0.6499	0.6820	0.7277	Ave		0.6604				11.0		15.0			
Chlorobenzene	1.7386 2.0681	1.8343	1.8574	1.9001	2.0144	Ave		1.9021			0.3000	6.4		15.0			
1,1,1,2-Tetrachloroethane	0.3301 0.7876	0.4205	0.4987	0.5945	0.6839	Lin	-2.822	0.7967							0.9950		0.9900
Ethylbenzene	2.8210 3.8033	3.1085	3.1763	3.2553	3.5361	Ave		3.2834				10.0		30.0			
m,p-Xylene	1.0846 1.6665	1.2040	1.2440	1.3051	1.4396	Ave		1.3240				15.0		15.0			
o-Xylene	1.0224 1.5405	1.1499	1.2000	1.2691	1.3915	Ave		1.2622				15.0		15.0			
Styrene	1.4889 2.4271	1.8218	1.9039	2.0590	2.2283	Lin1	-1.475	2.3250							0.9950		0.9900

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

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								
Bromoform	0.1597 0.5183	0.2286	0.2785	0.3697	0.4598	Lin	-2.139	0.5287			0.1000				0.9950		0.9900
Isopropylbenzene	2.7164 3.6625	3.0853	3.1817	3.2758	3.3978	Ave		3.2199				9.9		15.0			
Bromobenzene	0.7441 0.9637	0.8055	0.8146	0.8411	0.8811	Ave		0.8417				8.9		15.0			
1,1,2,2-Tetrachloroethane	0.7901 1.0592	0.8478	0.8725	0.9263	0.9803	Ave		0.9127			0.3000	11.0		15.0			
1,2,3-Trichloropropane	0.2516 0.3729	0.2752	0.2762	0.2934	0.3245	Ave		0.2989				15.0		15.0			
trans-1,4-Dichloro-2-butene	0.1558 0.2464	0.1667	0.1859	0.2148	0.2315	Lin1	-0.824	0.2378							0.9950		0.9900
N-Propylbenzene	3.3756 4.9974	3.7286	3.9025	4.0533	4.3612	Ave		4.0698				14.0		15.0			
2-Chlorotoluene	0.6494 0.8157	0.7043	0.7375	0.7407	0.7704	Ave		0.7363				7.7		15.0			
1,3,5-Trimethylbenzene	2.1916 2.9371	2.4543	2.5241	2.6016	2.7420	Ave		2.5751				9.9		15.0			
4-Chlorotoluene	0.6840 0.8725	0.7719	0.7799	0.7983	0.8190	Ave		0.7876				7.9		15.0			
tert-Butylbenzene	0.5227 0.6700	0.5347	0.5723	0.5901	0.6273	Ave		0.5862				9.5		15.0			
1,2,4-Trimethylbenzene	2.2753 2.9818	2.5018	2.5930	2.6667	2.7985	Ave		2.6362				9.2		15.0			
sec-Butylbenzene	2.7700 3.7513	3.0709	3.1847	3.3357	3.4989	Ave		3.2686				10.0		15.0			
1,3-Dichlorobenzene	1.3811 2.0223	1.4788	1.4805	1.5601	1.6978	Ave		1.6034				14.0		15.0			
4-Isopropyltoluene	2.3230 3.5806	2.5551	2.6780	2.8508	3.1007	Lin1	-2.187	3.3475							0.9910		0.9900
1,4-Dichlorobenzene	1.4128 1.7117	1.4839	1.5030	1.5466	1.6162	Ave		1.5457				6.8		15.0			
n-Butylbenzene	1.9933 2.7923	2.2878	2.4036	2.5271	2.6372	Ave		2.4402				12.0		15.0			
1,2-Dichlorobenzene	1.3077 1.5825	1.3718	1.3989	1.4510	1.5189	Ave		1.4385				7.0		15.0			
1,2-Dibromo-3-Chloropropane	0.0730 0.1623	0.0901	0.1174	0.1341	0.1519	Lin1	-0.151	0.1559							0.9930		0.9900
1,2,4-Trichlorobenzene	0.8306 1.0307	0.8642	0.9056	0.9362	0.9737	Ave		0.9235				7.9		15.0			

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

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2960 0.3627	0.3260	0.3248	0.3410	0.3548	Ave		0.3342				7.2		15.0			
Naphthalene	1.7248 2.2454	1.8867	1.9884	2.0534	2.1370	Ave		2.0060				9.2		15.0			
1,2,3-Trichlorobenzene	0.6254 0.7133	0.6482	0.6750	0.6885	0.7185	Ave		0.6782				5.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1884 0.1991	0.1820	0.1925	0.1567	0.1833	Ave		0.1837				8.0		15.0			
Toluene-d8 (Surr)	2.3140 2.7685	2.3705	2.5668	2.3824	2.5961	Ave		2.4997				7.0		15.0			
4-Bromofluorobenzene (Surr)	0.6994 0.8596	0.7018	0.7485	0.7939	0.8424	Ave		0.7743				8.9		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 Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-67116/3	Q0928.D
Level 2	IC 480-67116/4	Q0929.D
Level 3	IC 480-67116/5	Q0930.D
Level 4	ICIS 480-67116/6	Q0931.D
Level 5	IC 480-67116/7	Q0932.D
Level 6	IC 480-67116/8	Q0933.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	DFB	Ave	10601 1191235	56331	115955	286437	567068	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Ave	13417 1278773	68682	130647	328245	622483	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	16654 1999712	94463	193953	481265	944292	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Lin1	18829 1100887	55601	106562	262632	536994	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Ave	7385 677265	34373	71994	178516	341380	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	20227 2123785	101189	211204	519223	1007022	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Lin	8115 1014545	32770	65528	184211	433350	20.0 2000	100	200	500	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Lin1	8177 1131389	42126	101315	278804	548499	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloroethene	DFB	Ave	9371 1184532	54145	108514	276582	545623	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Ave	21372 1629582	87703	165734	411922	787486	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Lin1	7262 1232931	36438	93337	282075	587011	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Lin1	26315 3636958	133599	316863	862805	1723000	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	29180 3011152	140858	304503	753295	1485641	40.0 4000	200	400	1000	2000
Methyl acetate	DFB	Ave	12062 1186425	53883	111896	297157	539653	1.00 100	5.00	10.0	25.0	50.0
Methylene Chloride	DFB	Ave	14585 1376613	67861	133098	335079	655311	1.00 100	5.00	10.0	25.0	50.0
Methyl tert-butyl ether	DFB	Ave	37421 4771876	195467	405189	1069406	2211417	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

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
trans-1,2-Dichloroethene	DFB	Ave	11253 1508544	60643	128882	334221	666018	1.00 100	5.00	10.0	25.0	50.0
Acrylonitrile	DFB	Ave	20446 2109091	99076	199325	516928	1017025	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	19360 2245991	107159	214608	531667	1053403	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Lin1	81232 11722913	452529	998049	2744983	5583758	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Lin1	13367 2019728	77168	163158	443422	906425	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	13243 1583998	69849	142078	363399	730473	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	28924 2629369	127403	259387	656954	1296979	5.00 500	25.0	50.0	125	250
Bromochloromethane	DFB	Ave	5792 719657	32264	66670	171213	343020	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	18607 1763913	87831	176072	451330	866240	5.00 500	25.0	50.0	125	250
Chloroform	DFB	Ave	21247 2334065	110038	222817	565679	1116679	1.00 100	5.00	10.0	25.0	50.0
1,1,1-Trichloroethane	DFB	Lin1	14162 2058032	79629	172708	461098	937041	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	13987 1731970	68381	170779	441817	850633	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Lin	8465 1710835	48412	113657	327241	722285	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	16021 1899130	84170	173794	451146	888308	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	48606 5589558	258535	528374	1317802	2626800	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	16922 1704615	86550	173396	431188	842438	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	12000 1428939	63237	128818	333865	675386	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Lin1	15807 2236109	81580	200762	532879	1065263	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	11604 1256529	59735	125123	313029	610572	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	8068 951469	42168	86785	224966	449853	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Lin1	11769 1822605	64258	143178	396865	837087	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

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
2-Chloroethyl vinyl ether	DFB	Ave	42255 5711032	221022	469505	1267620	2587732	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Lin1	14672 2265905	88195	193653	516826	1068292	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	58226 6180432	283378	580136	1497141	2915225	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	29719 3677404	159802	326379	830705	1681552	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Lin1	11631 2194478	74279	165445	476416	1012521	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Lin1	12561 2086421	74807	171836	484034	984719	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	9557 1120930	51785	104759	266234	531368	1.00 100	5.00	10.0	25.0	50.0
Tetrachloroethene	CBZ	Ave	11898 1466669	64580	133947	337730	677153	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	21569 2347043	109880	225609	567030	1124947	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	39782 4224193	196444	401531	1032137	2005381	5.00 500	25.0	50.0	125	250
Dibromochloromethane	CBZ	Lin1	6793 1434775	42259	97464	289111	637195	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	11019 1424429	59475	125969	329114	676300	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	34556 3998222	178272	360032	916990	1872104	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Lin	6562 1522644	40866	96666	286901	635587	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	56071 7352886	302118	615669	1570967	3286393	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	43117 6443789	234026	482261	1259640	2675888	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	20321 2978191	111755	232597	612469	1293224	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Lin1	29594 4692235	177064	369041	993642	2070878	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Lin	3174 1002103	22219	53977	178424	427283	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	49939 6935558	287095	597910	1542349	3171265	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	13679 1824991	74952	153087	396036	822372	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

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
1,1,2,2-Tetrachloroethane	DCB	Ave	14525 2005774	78895	163954	436110	914974	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	4625 706134	25604	51900	138151	302842	1.00 100	5.00	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin1	14318 2332934	77577	174713	505581	1080083	5.00 500	25.0	50.0	125	250
N-Propylbenzene	DCB	Ave	62058 9463495	346956	733371	1908417	4070423	1.00 100	5.00	10.0	25.0	50.0
2-Chlorotoluene	DCB	Ave	11938 1544598	65534	138584	348735	718997	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	40290 5561869	228385	474346	1224915	2559150	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	12575 1652158	71832	146565	375859	764406	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	9609 1268771	49755	107541	277842	585466	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	41830 5646631	232804	487278	1255565	2611912	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	50924 7103707	285756	598471	1570566	3265547	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	25390 3829654	137608	278223	734530	1584612	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Lin1	42706 6780517	237761	503266	1342231	2893957	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	25973 3241391	138079	282453	728171	1508447	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	36645 5287686	212891	451693	1189853	2461327	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	24041 2996833	127648	262888	683192	1417608	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	1342 307288	8384	22053	63159	141804	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	15269 1951897	80417	170185	440777	908731	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	5442 686766	30332	61040	160560	331160	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	31709 4252126	175567	373669	966788	1994511	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	11498 1350807	60321	126849	324161	670586	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	7937 778768	37406	77461	158387	352607	1.00 100	5.00	10.0	25.0	50.0

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

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1 Analy Batch No.: 67116

SDG No.:

Instrument ID: HP5973Q GC Column: ZB-624 (60) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2012 12:35 Calibration End Date: 06/05/2012 14:56 Calibration ID: 8824

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-d8 (Surr)	CBZ	Ave	45993 5352301	230391	497534	1149746	2412748	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	13901 1661839	68212	145090	383143	782945	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0928.D
Lims ID: IC
Client ID:
Inject. Date: 05-Jun-2012 12:35:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 1
Sample ID: IC
Misc. Info.: 480-0012425-003
Operator: TRB
Instrument ID: HP5973Q
Vol. Injected: 1.0000
ALS Bottle#: 14
Lims Batch ID: 67116
Lims Sample ID: 3
Sublist: chrom-Q-8260*sub1
Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q-8260.m
Last Update: 05-Jun-2012 15:20:45
Calib Date: 05-Jun-2012 14:56:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D
Limit Group: MV - 8260B ICAL
Integrator: RTE
ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: BrandtT
Date: 05-Jun-2012 15:20:45

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.004	5.005	-0.001	94	1053118	25.0	
* 2 Chlorobenzene-d5	82	7.194	7.195	-0.001	85	496901	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.055	9.057	-0.002	94	459605	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.700	4.695	0.005	0	7937	1.03	
$ 5 Toluene-d8 (Surr)	98	6.087	6.088	-0.001	85	45993	0.9257	
$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.126	-0.001	84	13901	0.9033	
10 Dichlorodifluoromethane	85	1.360	1.361	-0.001	73	10601	0.8900	
12 Chloromethane	50	1.506	1.507	-0.001	88	13417	0.9788	
13 Vinyl chloride	62	1.597	1.598	-0.001	75	16654	0.8427	
14 Bromomethane	94	1.871	1.872	-0.001	91	18829	1.21	M
15 Chloroethane	64	1.956	1.957	-0.001	49	7385	1.00	
17 Trichlorofluoromethane	101	2.169	2.176	-0.007	81	20227	0.9362	
20 Acrolein	56	2.607	2.608	-0.001	53	8115	86.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.650	2.645	0.005	44	8177	1.24	
22 1,1-Dichloroethene	96	2.650	2.651	-0.001	93	9371	0.8262	
23 Acetone	43	2.759	2.748	0.011	83	21372	5.90	
25 Iodomethane	142	2.790	2.785	0.006	74	7262	1.42	
26 Carbon disulfide	76	2.820	2.827	-0.007	87	26315	1.27	
29 Acetonitrile	40	2.996	2.991	0.005	100	29180	37.6	
27 Methyl acetate	43	3.021	3.010	0.011	90	12062	1.01	
30 Methylene Chloride	84	3.088	3.089	-0.001	67	14585	1.02	
32 Methyl tert-butyl ether	73	3.294	3.289	0.005	80	37421	0.8496	
34 trans-1,2-Dichloroethene	96	3.294	3.296	-0.002	56	11253	0.8241	
33 Acrylonitrile	53	3.313	3.308	0.005	97	20446	4.79	
39 1,1-Dichloroethane	63	3.641	3.636	0.005	69	19360	0.8721	
37 Vinyl acetate	43	3.678	3.679	-0.001	96	81232	6.26	
44 2,2-Dichloropropane	77	4.067	4.068	-0.001	71	13367	1.29	
45 cis-1,2-Dichloroethene	96	4.085	4.086	-0.001	57	13243	0.8768	
43 2-Butanone (MEK)	43	4.116	4.105	0.011	97	28924	5.22	
48 Chlorobromomethane	128	4.268	4.269	-0.001	81	5792	0.8318	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.316	4.299	0.017	77	18607	4.99	
50 Chloroform	83	4.335	4.330	0.005	83	21247	0.9088	
51 1,1,1-Trichloroethane	97	4.444	4.445	-0.001	69	14162	1.27	
52 Cyclohexane	56	4.469	4.470	-0.001	81	13987	0.8263	
55 Carbon tetrachloride	117	4.560	4.561	-0.001	44	8465	4.06	
54 1,1-Dichloropropene	75	4.566	4.567	-0.001	87	16021	0.8726	
57 Benzene	78	4.718	4.719	-0.001	91	48606	0.8850	
58 1,2-Dichloroethane	62	4.754	4.756	-0.002	87	16922	0.9438	
62 Trichloroethene	95	5.199	5.194	0.005	86	12000	0.8724	
64 Methylcyclohexane	83	5.314	5.315	-0.001	72	15807	1.25	
65 1,2-Dichloropropane	63	5.369	5.370	-0.001	84	11604	0.9055	
67 Dibromomethane	93	5.472	5.473	-0.001	79	8068	0.8759	
68 Dichlorobromomethane	83	5.588	5.583	0.005	79	11769	1.35	
69 2-Chloroethyl vinyl ether	63	5.789	5.790	-0.001	87	42255	4.12	
72 cis-1,3-Dichloropropene	75	5.904	5.905	-0.001	67	14672	1.24	
73 4-Methyl-2-pentanone (MIBK)	43	6.008	6.003	0.005	93	58226	4.81	
74 Toluene	92	6.135	6.136	-0.001	94	29719	0.8747	
77 trans-1,3-Dichloropropene	75	6.324	6.325	-0.001	68	11631	1.33	
75 Ethyl methacrylate	69	6.361	6.362	-0.002	66	12561	1.25	
79 1,1,2-Trichloroethane	83	6.464	6.465	-0.001	74	9557	0.8857	
81 Tetrachloroethene	166	6.549	6.550	-0.001	90	11898	0.8673	
82 1,3-Dichloropropane	76	6.592	6.593	-0.001	72	21569	0.9329	
80 2-Hexanone	43	6.634	6.629	0.005	92	39782	4.77	
83 Chlorodibromomethane	129	6.774	6.769	0.005	47	6793	1.45	
84 Ethylene Dibromide	107	6.859	6.854	0.005	71	11019	0.8394	
87 Chlorobenzene	112	7.218	7.219	-0.001	85	34556	0.9140	
89 1,1,1,2-Tetrachloroethane	131	7.285	7.286	-0.001	53	6562	3.96	
88 Ethylbenzene	91	7.285	7.286	-0.001	94	56071	0.8592	
90 m-Xylene & p-Xylene	106	7.376	7.378	-0.002	98	43117	1.64	
91 o-Xylene	106	7.693	7.694	-0.001	89	20321	0.8100	
92 Styrene	104	7.711	7.712	-0.001	86	29594	1.27	
95 Bromoform	173	7.887	7.889	-0.002	56	3174	4.35	
94 Isopropylbenzene	105	7.979	7.980	-0.001	86	49939	0.8436	
101 Bromobenzene	156	8.252	8.247	0.005	88	13679	0.8840	
97 1,1,2,2-Tetrachloroethane	83	8.252	8.254	-0.002	71	14525	0.8657	
100 1,2,3-Trichloropropane	110	8.289	8.290	-0.001	65	4625	0.8415	
98 trans-1,4-Dichloro-2-butene	53	8.295	8.290	0.005	73	14318	6.74	
99 N-Propylbenzene	91	8.307	8.308	-0.001	95	62058	0.8294	
103 2-Chlorotoluene	126	8.398	8.393	0.005	92	11938	0.8819	
102 1,3,5-Trimethylbenzene	105	8.447	8.448	-0.001	76	40290	0.8510	
105 4-Chlorotoluene	126	8.484	8.485	-0.001	88	12575	0.8685	
106 tert-Butylbenzene	134	8.715	8.710	0.005	80	9609	0.8917	
107 1,2,4-Trimethylbenzene	105	8.757	8.752	0.005	87	41830	0.8631	
109 sec-Butylbenzene	105	8.891	8.892	-0.001	84	50924	0.8475	
111 1,3-Dichlorobenzene	146	9.007	9.008	-0.001	89	25390	0.8613	
110 4-Isopropyltoluene	119	9.007	9.008	-0.001	93	42706	1.35	
113 1,4-Dichlorobenzene	146	9.080	9.081	-0.001	74	25973	0.9140	
115 n-Butylbenzene	91	9.341	9.342	-0.001	85	36645	0.8168	
116 1,2-Dichlorobenzene	146	9.390	9.385	0.005	88	24041	0.9091	
117 1,2-Dibromo-3-Chloropropane	75	10.035	10.036	-0.001	1	1342	1.44	
119 1,2,4-Trichlorobenzene	180	10.710	10.711	-0.001	73	15269	0.8994	
120 Hexachlorobutadiene	225	10.826	10.827	-0.001	63	5442	0.8857	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.911	10.912	-0.001	84	31709	0.8598	
122 1,2,3-Trichlorobenzene	180	11.112	11.107	0.005	73	11498	0.9222	
S 125 1,2-Dichloroethene, Total	1				0		1.70	
S 126 1,3-Dichloropropene, Total	1				0		2.57	
S 123 Total BTEX	1				0		5.07	
S 124 Xylenes, Total	1				0		2.45	

QC Flag Legend

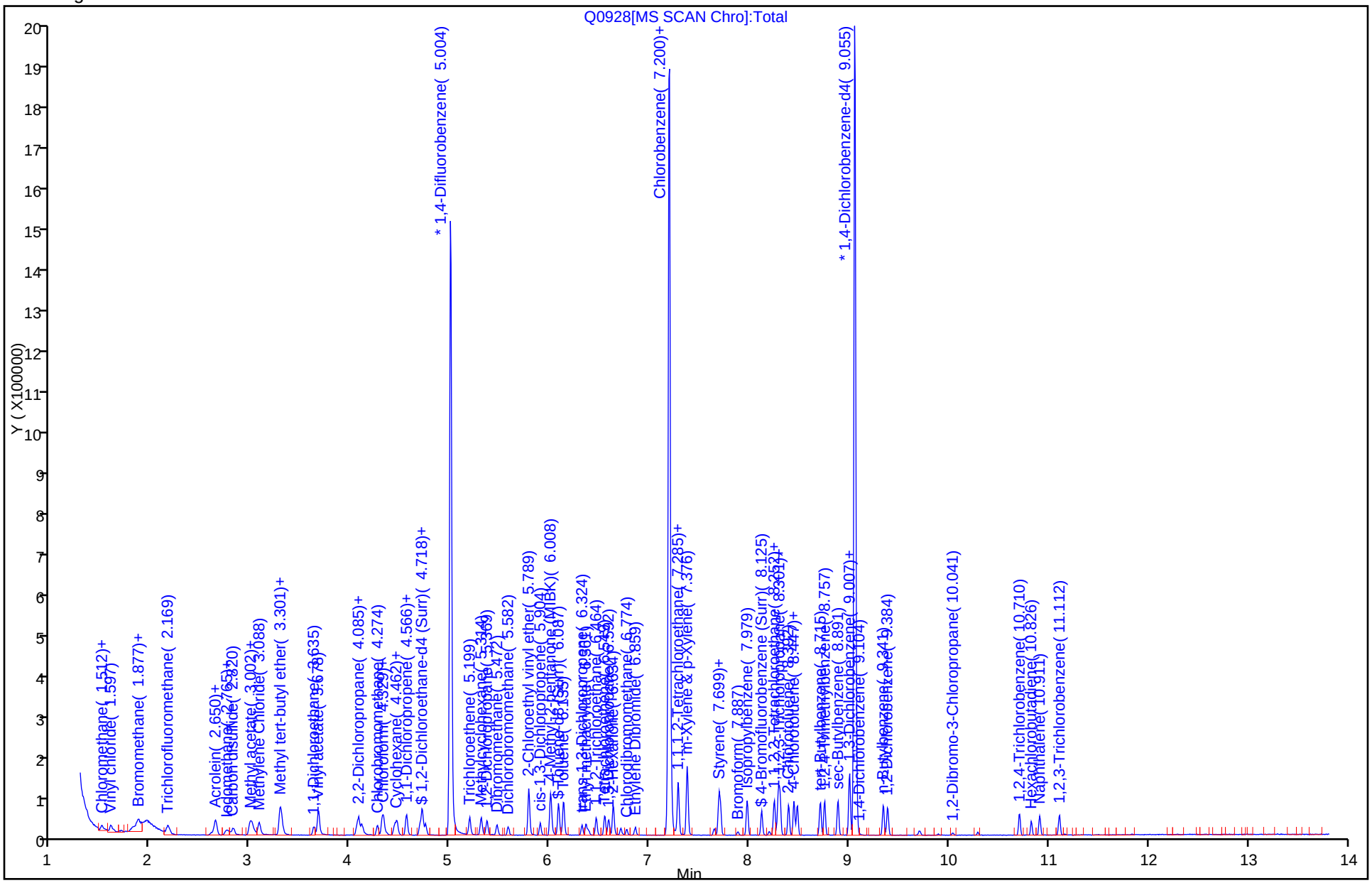
Review Flags
M - Manually Integrated

Report Date: 05-Jun-2012 15:20:46 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0928.D

Injection Date:	05-Jun-2012 12:35:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	3
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



Report Date: 05-Jun-2012 15:20:46 Chrom Revision: 2.0 20-Feb-2012 13:27:02

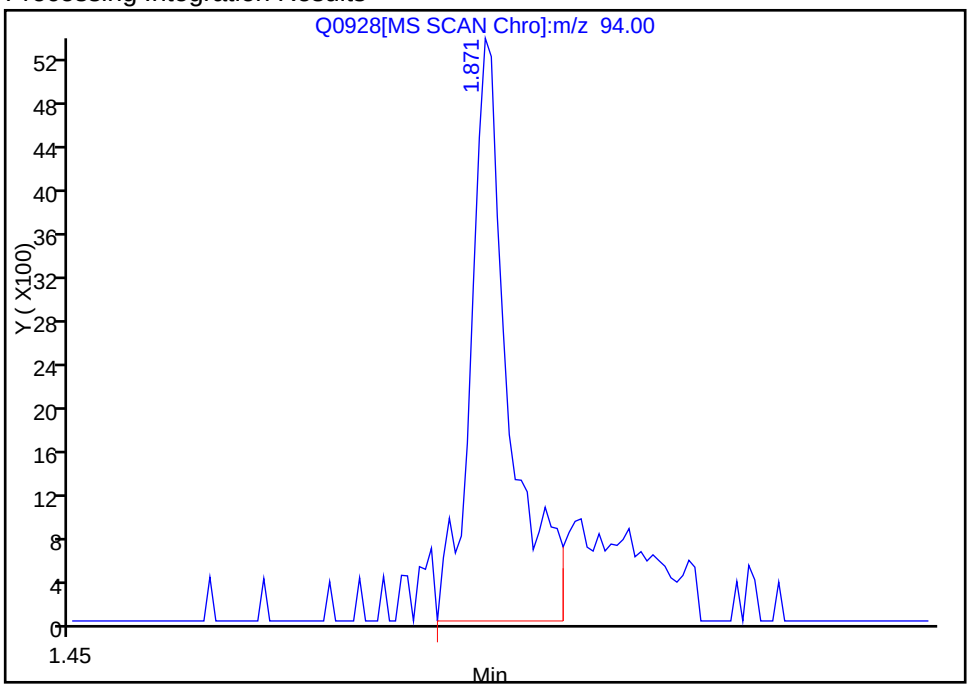
Manual Integration/User Assign Peak Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0928.D		
Injection Date:	05-Jun-2012 12:35:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	3
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 1.87

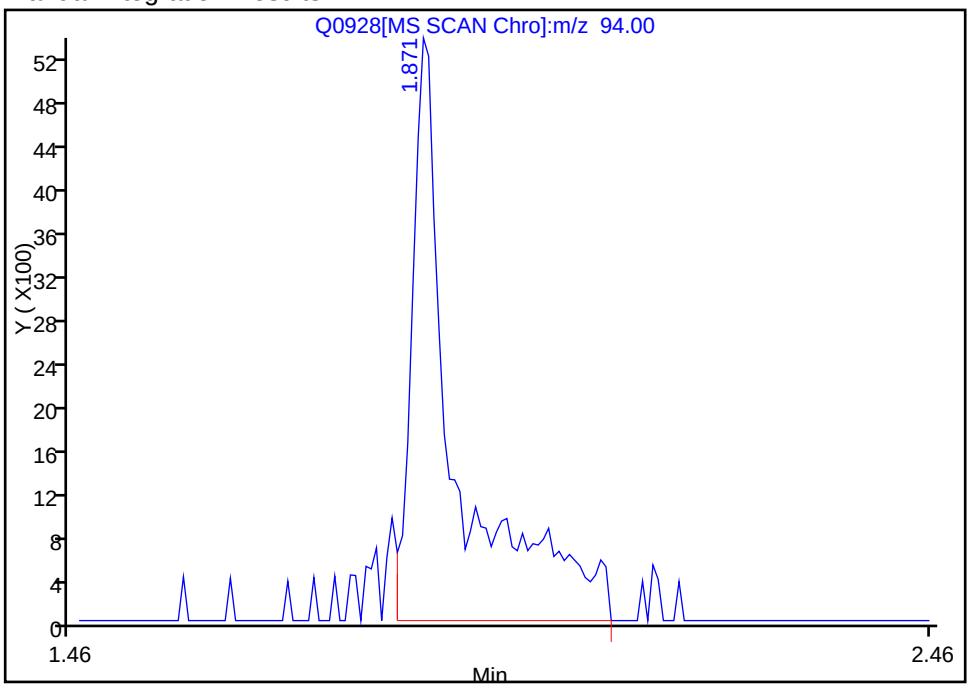
Processing Integration Results

RT: 1.87
Response: 14277
Amount: 1.320098



Manual Integration Results

RT: 1.87
Response: 18829
Amount: 1.209365



Reviewer: BrandtT, 05-Jun-2012 14:03:05
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0929.D
Lims ID: IC 2 Client ID:
Inject. Date: 05-Jun-2012 13:04:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: IC 2
Misc. Info.: 480-0012425-004
Operator: TRB Instrument ID: HP5973Q
Vol. Injected: 1.0000 ALS Bottle#: 15
Lims Batch ID: 67116 Lims Sample ID: 4
Sublist: chrom-Q-8260*sub1
Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q-8260.m
Last Update: 05-Jun-2012 15:20:41 Calib Date: 05-Jun-2012 14:56:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: BrandtT Date: 05-Jun-2012 15:20:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.005	0.0	94	1027723	25.0	
* 2 Chlorobenzene-d5	82	7.195	7.195	0.0	84	485951	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.057	9.057	0.0	93	465268	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.701	4.695	0.006	0	37406	4.95	
$ 5 Toluene-d8 (Surr)	98	6.088	6.088	0.0	89	230391	4.74	
$ 6 4-Bromofluorobenzene (Surr)	174	8.126	8.126	0.0	89	68212	4.53	
10 Dichlorodifluoromethane	85	1.361	1.361	0.0	84	56331	4.85	
12 Chloromethane	50	1.507	1.507	0.0	89	68682	5.13	
13 Vinyl chloride	62	1.598	1.598	0.0	98	94463	4.90	
14 Bromomethane	94	1.872	1.872	0.0	91	55601	4.51	M
15 Chloroethane	64	1.957	1.957	0.0	93	34373	4.78	
17 Trichlorofluoromethane	101	2.182	2.176	0.006	95	101189	4.80	
20 Acrolein	56	2.608	2.608	0.0	86	32770	132.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.645	2.645	0.0	81	42126	4.13	
22 1,1-Dichloroethene	96	2.651	2.651	0.0	89	54145	4.89	
23 Acetone	43	2.754	2.748	0.006	97	87703	24.8	
25 Iodomethane	142	2.784	2.785	0.0	97	36438	3.75	
26 Carbon disulfide	76	2.827	2.827	0.0	98	133599	4.15	
29 Acetonitrile	40	2.997	2.991	0.006	100	140858	186.0	
27 Methyl acetate	43	3.016	3.010	0.006	93	53883	4.61	
30 Methylene Chloride	84	3.089	3.089	0.0	76	67861	4.88	
32 Methyl tert-butyl ether	73	3.296	3.289	0.007	86	195467	4.55	
34 trans-1,2-Dichloroethene	96	3.296	3.296	0.0	64	60643	4.55	
33 Acrylonitrile	53	3.314	3.308	0.006	98	99076	23.8	
39 1,1-Dichloroethane	63	3.636	3.636	0.0	83	107159	4.95	
37 Vinyl acetate	43	3.679	3.679	0.0	97	452529	21.7	
44 2,2-Dichloropropane	77	4.068	4.068	0.0	87	77168	4.45	
45 cis-1,2-Dichloroethene	96	4.086	4.086	0.0	68	69849	4.74	
43 2-Butanone (MEK)	43	4.111	4.105	0.006	92	127403	23.6	
48 Chlorobromomethane	128	4.269	4.269	0.0	85	32264	4.75	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.311	4.299	0.012	83	87831	24.1	
50 Chloroform	83	4.330	4.330	0.0	79	110038	4.82	
51 1,1,1-Trichloroethane	97	4.445	4.445	0.0	90	79629	4.43	
52 Cyclohexane	56	4.470	4.470	0.0	83	68381	4.14	
55 Carbon tetrachloride	117	4.561	4.561	0.0	67	48412	6.28	
54 1,1-Dichloropropene	75	4.567	4.567	0.0	96	84170	4.70	
57 Benzene	78	4.719	4.719	0.0	94	258535	4.82	
58 1,2-Dichloroethane	62	4.756	4.756	0.0	90	86550	4.95	
62 Trichloroethene	95	5.200	5.194	0.006	93	63237	4.71	
64 Methylcyclohexane	83	5.315	5.315	0.0	83	81580	4.11	
65 1,2-Dichloropropane	63	5.370	5.370	0.0	94	59735	4.78	
67 Dibromomethane	93	5.473	5.473	0.0	87	42168	4.69	
68 Dichlorobromomethane	83	5.583	5.583	0.0	90	64258	4.22	
69 2-Chloroethyl vinyl ether	63	5.790	5.790	0.0	91	221022	22.1	
72 cis-1,3-Dichloropropene	75	5.905	5.905	0.0	89	88195	4.42	
73 4-Methyl-2-pentanone (MIBK)	43	6.009	6.003	0.006	94	283378	23.9	
74 Toluene	92	6.136	6.136	0.0	91	159802	4.81	
77 trans-1,3-Dichloropropene	75	6.325	6.325	0.0	86	74279	4.26	
75 Ethyl methacrylate	69	6.362	6.362	0.0	83	74807	4.27	
79 1,1,2-Trichloroethane	83	6.465	6.465	0.0	86	51785	4.91	
81 Tetrachloroethene	166	6.550	6.550	0.0	89	64580	4.81	
82 1,3-Dichloropropane	76	6.593	6.593	0.0	83	109880	4.86	
80 2-Hexanone	43	6.635	6.629	0.006	94	196444	24.1	
83 Chlorodibromomethane	129	6.769	6.769	0.0	84	42259	4.04	
84 Ethylene Dibromide	107	6.854	6.854	0.0	97	59475	4.63	
87 Chlorobenzene	112	7.219	7.219	0.0	86	178272	4.82	
89 1,1,1,2-Tetrachloroethane	131	7.286	7.286	0.0	82	40866	6.18	
88 Ethylbenzene	91	7.286	7.286	0.0	98	302118	4.73	
90 m-Xylene & p-Xylene	106	7.378	7.378	0.0	98	234026	9.09	
91 o-Xylene	106	7.694	7.694	0.0	96	111755	4.55	
92 Styrene	104	7.712	7.712	0.0	94	177064	4.55	
95 Bromoform	173	7.889	7.889	0.0	91	22219	6.21	
94 Isopropylbenzene	105	7.980	7.980	0.0	95	287095	4.79	
101 Bromobenzene	156	8.247	8.247	0.0	93	74952	4.78	
97 1,1,2,2-Tetrachloroethane	83	8.254	8.254	0.0	89	78895	4.64	
100 1,2,3-Trichloropropane	110	8.290	8.290	0.0	72	25604	4.60	
98 trans-1,4-Dichloro-2-butene	53	8.296	8.290	0.006	83	77577	21.0	
99 N-Propylbenzene	91	8.308	8.308	0.0	94	346956	4.58	
103 2-Chlorotoluene	126	8.393	8.393	0.0	96	65534	4.78	
102 1,3,5-Trimethylbenzene	105	8.448	8.448	0.0	73	228385	4.77	
105 4-Chlorotoluene	126	8.479	8.485	-0.006	96	71832	4.90	
106 tert-Butylbenzene	134	8.710	8.710	0.0	90	49755	4.56	
107 1,2,4-Trimethylbenzene	105	8.752	8.752	0.0	96	232804	4.75	
109 sec-Butylbenzene	105	8.892	8.892	0.0	93	285756	4.70	
111 1,3-Dichlorobenzene	146	9.008	9.008	0.0	74	137608	4.61	
110 4-Isopropyltoluene	119	9.008	9.008	0.0	96	237761	4.47	
113 1,4-Dichlorobenzene	146	9.081	9.081	0.0	91	138079	4.80	
115 n-Butylbenzene	91	9.342	9.342	0.0	96	212891	4.69	
116 1,2-Dichlorobenzene	146	9.385	9.385	0.0	97	127648	4.77	
117 1,2-Dibromo-3-Chloropropane	75	10.036	10.036	0.0	59	8384	3.86	
119 1,2,4-Trichlorobenzene	180	10.711	10.711	0.0	91	80417	4.68	
120 Hexachlorobutadiene	225	10.827	10.827	0.0	93	30332	4.88	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.912	10.912	0.0	96	175567	4.70	
122 1,2,3-Trichlorobenzene	180	11.107	11.107	0.0	93	60321	4.78	
S 125 1,2-Dichloroethene, Total	1				0		9.29	
S 126 1,3-Dichloropropene, Total	1				0		8.69	
S 123 Total BTEX	1				0		28.0	
S 124 Xylenes, Total	1				0		13.6	

QC Flag Legend

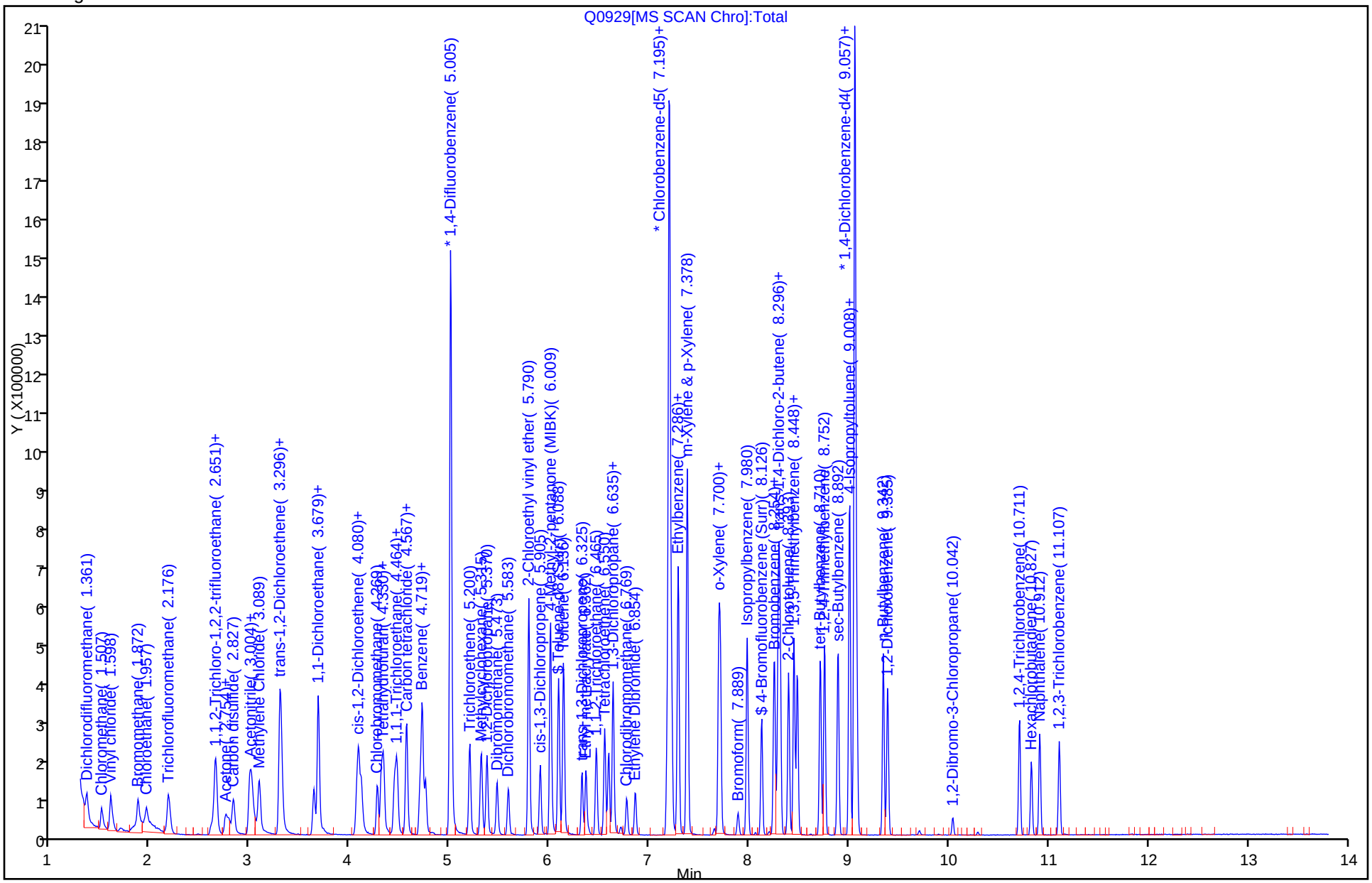
Review Flags
M - Manually Integrated

Report Date: 05-Jun-2012 15:20:42 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0929.D

Injection Date:	05-Jun-2012 13:04:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	4
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



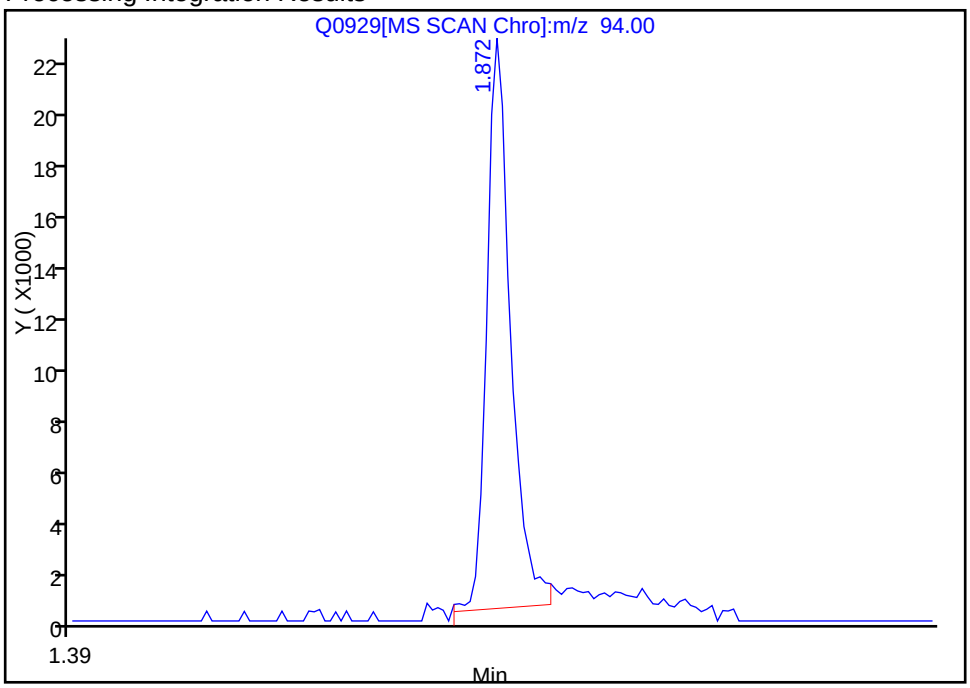
Manual Integration/User Assign Peak Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0929.D		
Injection Date:	05-Jun-2012 13:04:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	4
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 1.87

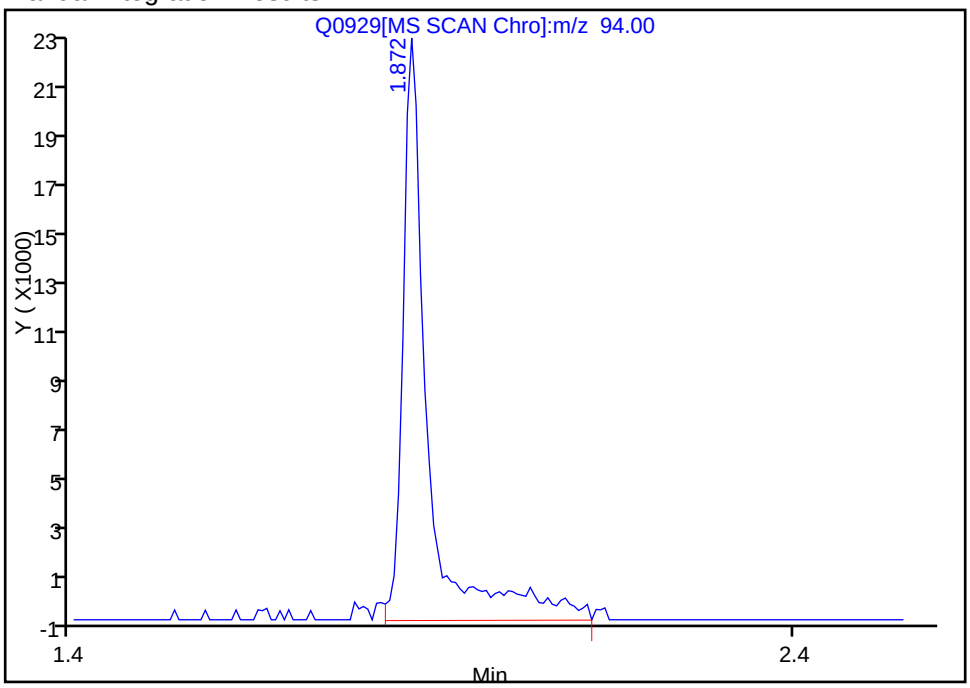
Processing Integration Results

RT: 1.87
Response: 42214
Amount: 3.456667



Manual Integration Results

RT: 1.87
Response: 55601
Amount: 4.513588



Reviewer: BrandtT, 05-Jun-2012 14:03:30
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0930.D		
Lims ID:	IC 3	Client ID:	
Inject. Date:	05-Jun-2012 13:31:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	IC 3		
Misc. Info.:	480-0012425-005		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	16
Lims Batch ID:	67116	Lims Sample ID:	5
Sublist:	chrom-Q-8260*sub1		
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q-8260.m		
Last Update:	05-Jun-2012 15:20:38	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	05-Jun-2012 15:20:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.006	5.005	0.001	94	1005800	25.0	
* 2 Chlorobenzene-d5	82	7.196	7.195	0.001	85	484585	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.057	9.057	0.0	89	469808	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.702	4.695	0.007	0	77461	10.5	
$ 5 Toluene-d8 (Surr)	98	6.089	6.088	0.001	82	497534	10.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.127	8.126	0.001	93	145090	9.67	
10 Dichlorodifluoromethane	85	1.362	1.361	0.001	86	115955	10.2	
12 Chloromethane	50	1.508	1.507	0.001	88	130647	9.98	
13 Vinyl chloride	62	1.599	1.598	0.001	98	193953	10.3	
14 Bromomethane	94	1.873	1.872	0.001	90	106562	9.24	M
15 Chloroethane	64	1.958	1.957	0.001	97	71994	10.2	
17 Trichlorofluoromethane	101	2.177	2.176	0.001	84	211204	10.2	
20 Acrolein	56	2.609	2.608	0.001	90	65528	196.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.645	2.645	0.0	83	101315	9.34	
22 1,1-Dichloroethene	96	2.652	2.651	0.001	89	108514	10.0	
23 Acetone	43	2.749	2.748	0.001	99	165734	47.9	
25 Iodomethane	142	2.785	2.785	0.001	98	93337	8.41	
26 Carbon disulfide	76	2.828	2.827	0.001	99	316863	9.23	
29 Acetonitrile	40	2.992	2.991	0.001	99	304503	410.8	
27 Methyl acetate	43	3.017	3.010	0.007	93	111896	9.79	
30 Methylene Chloride	84	3.090	3.089	0.001	78	133098	9.77	
32 Methyl tert-butyl ether	73	3.290	3.289	0.001	86	405189	9.63	
34 trans-1,2-Dichloroethene	96	3.296	3.296	0.0	62	128882	9.88	
33 Acrylonitrile	53	3.309	3.308	0.001	99	199325	48.9	
39 1,1-Dichloroethane	63	3.637	3.636	0.001	96	214608	10.1	
37 Vinyl acetate	43	3.680	3.679	0.001	97	998049	45.2	
44 2,2-Dichloropropane	77	4.069	4.068	0.001	86	163158	8.86	
45 cis-1,2-Dichloroethene	96	4.087	4.086	0.001	79	142078	9.85	
43 2-Butanone (MEK)	43	4.112	4.105	0.007	92	259387	49.0	
48 Chlorobromomethane	128	4.270	4.269	0.001	83	66670	10.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.306	4.299	0.007	81	176072	49.5	
50 Chloroform	83	4.331	4.330	0.001	79	222817	9.98	
51 1,1,1-Trichloroethane	97	4.446	4.445	0.001	91	172708	9.08	
52 Cyclohexane	56	4.471	4.470	0.0	83	170779	10.6	
55 Carbon tetrachloride	117	4.562	4.561	0.001	80	113657	10.0	
54 1,1-Dichloropropene	75	4.562	4.567	-0.005	96	173794	9.91	
57 Benzene	78	4.720	4.719	0.001	94	528374	10.1	
58 1,2-Dichloroethane	62	4.756	4.756	0.0	90	173396	10.1	
62 Trichloroethene	95	5.194	5.194	0.0	94	128818	9.81	
64 Methylcyclohexane	83	5.310	5.315	-0.005	84	200762	9.46	
65 1,2-Dichloropropane	63	5.371	5.370	0.001	93	125123	10.2	
67 Dibromomethane	93	5.468	5.473	-0.005	87	86785	9.87	
68 Dichlorobromomethane	83	5.584	5.583	0.001	92	143178	8.67	
69 2-Chloroethyl vinyl ether	63	5.791	5.790	0.001	89	469505	47.9	
72 cis-1,3-Dichloropropene	75	5.906	5.905	0.001	92	193653	9.15	
73 4-Methyl-2-pentanone (MIBK)	43	6.004	6.003	0.001	94	580136	49.1	
74 Toluene	92	6.137	6.136	0.001	98	326379	9.85	
77 trans-1,3-Dichloropropene	75	6.326	6.325	0.001	90	165445	8.53	
75 Ethyl methacrylate	69	6.362	6.362	0.0	84	171836	8.98	
79 1,1,2-Trichloroethane	83	6.466	6.465	0.001	86	104759	9.96	
81 Tetrachloroethene	166	6.551	6.550	0.001	90	133947	10.0	
82 1,3-Dichloropropane	76	6.588	6.593	-0.005	83	225609	10.0	
80 2-Hexanone	43	6.630	6.629	0.001	93	401531	49.4	
83 Chlorodibromomethane	129	6.770	6.769	0.001	88	97464	8.08	
84 Ethylene Dibromide	107	6.855	6.854	0.001	98	125969	9.84	
87 Chlorobenzene	112	7.220	7.219	0.001	87	360032	9.76	
89 1,1,1,2-Tetrachloroethane	131	7.287	7.286	0.001	85	96666	9.80	
88 Ethylbenzene	91	7.287	7.286	0.001	98	615669	9.67	
90 m-Xylene & p-Xylene	106	7.378	7.378	0.0	98	482261	18.8	
91 o-Xylene	106	7.695	7.694	0.001	96	232597	9.51	
92 Styrene	104	7.713	7.712	0.001	94	369041	8.82	
95 Bromoform	173	7.889	7.889	0.0	95	53977	9.31	
94 Isopropylbenzene	105	7.981	7.980	0.001	95	597910	9.88	
101 Bromobenzene	156	8.248	8.247	0.001	91	153087	9.68	
97 1,1,2,2-Tetrachloroethane	83	8.254	8.254	0.0	95	163954	9.56	
100 1,2,3-Trichloropropane	110	8.291	8.290	0.001	74	51900	9.24	
98 trans-1,4-Dichloro-2-butene	53	8.291	8.290	0.001	87	174713	42.6	
99 N-Propylbenzene	91	8.309	8.308	0.001	95	733371	9.59	
103 2-Chlorotoluene	126	8.394	8.393	0.001	96	138584	10.0	
102 1,3,5-Trimethylbenzene	105	8.449	8.448	0.001	75	474346	9.80	
105 4-Chlorotoluene	126	8.480	8.485	-0.005	96	146565	9.90	
106 tert-Butylbenzene	134	8.711	8.710	0.001	90	107541	9.76	
107 1,2,4-Trimethylbenzene	105	8.753	8.752	0.001	96	487278	9.84	
109 sec-Butylbenzene	105	8.887	8.892	-0.005	94	598471	9.74	
111 1,3-Dichlorobenzene	146	9.003	9.008	-0.005	74	278223	9.23	
110 4-Isopropyltoluene	119	9.003	9.008	-0.005	96	503266	8.65	
113 1,4-Dichlorobenzene	146	9.076	9.081	-0.005	93	282453	9.72	
115 n-Butylbenzene	91	9.343	9.342	0.001	94	451693	9.85	
116 1,2-Dichlorobenzene	146	9.386	9.385	0.001	97	262888	9.72	
117 1,2-Dibromo-3-Chloropropane	75	10.037	10.036	0.001	70	22053	8.49	
119 1,2,4-Trichlorobenzene	180	10.712	10.711	0.001	92	170185	9.81	
120 Hexachlorobutadiene	225	10.828	10.827	0.001	95	61040	9.72	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.913	10.912	0.001	97	373669	9.91	
122 1,2,3-Trichlorobenzene	180	11.108	11.107	0.001	93	126849	9.95	
S 125 1,2-Dichloroethene, Total	1				0		19.7	
S 126 1,3-Dichloropropene, Total	1				0		17.7	
S 123 Total BTEX	1				0		57.9	
S 124 Xylenes, Total	1				0		28.3	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 05-Jun-2012 15:20:39 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0930.D

Injection Date: 05-Jun-2012 13:31:30 Limit Group: MV - 8260B ICAL

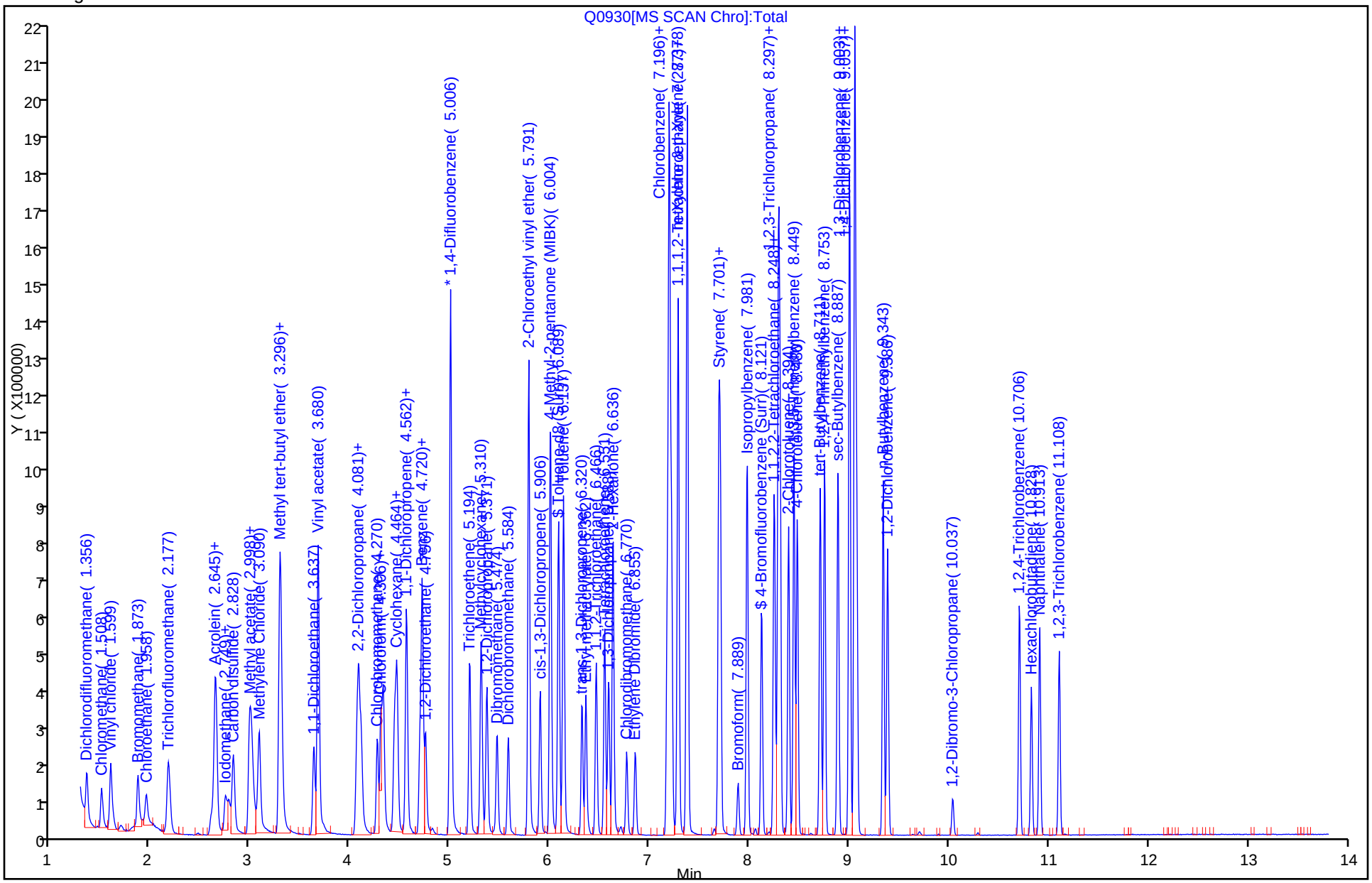
Client ID: Instrument ID: HP5973Q

Lims Batch ID: 67116 Lims Sample ID: 5

Operator ID: TRB

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



Report Date: 05-Jun-2012 15:20:39 Chrom Revision: 2.0 20-Feb-2012 13:27:02

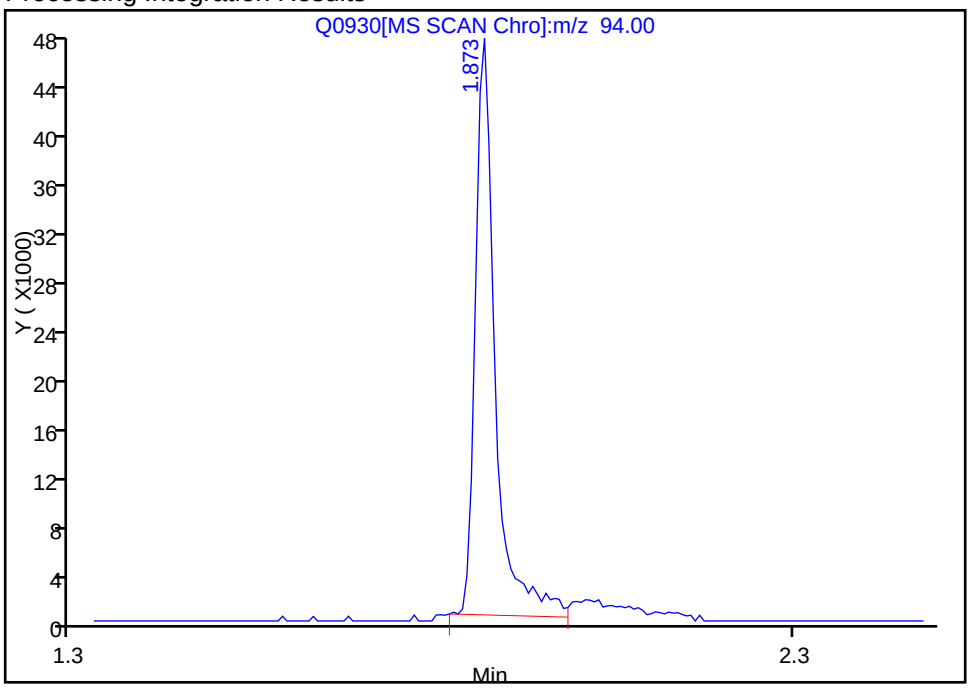
Manual Integration/User Assign Peak Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0930.D		
Injection Date:	05-Jun-2012 13:31:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	5
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 1.87

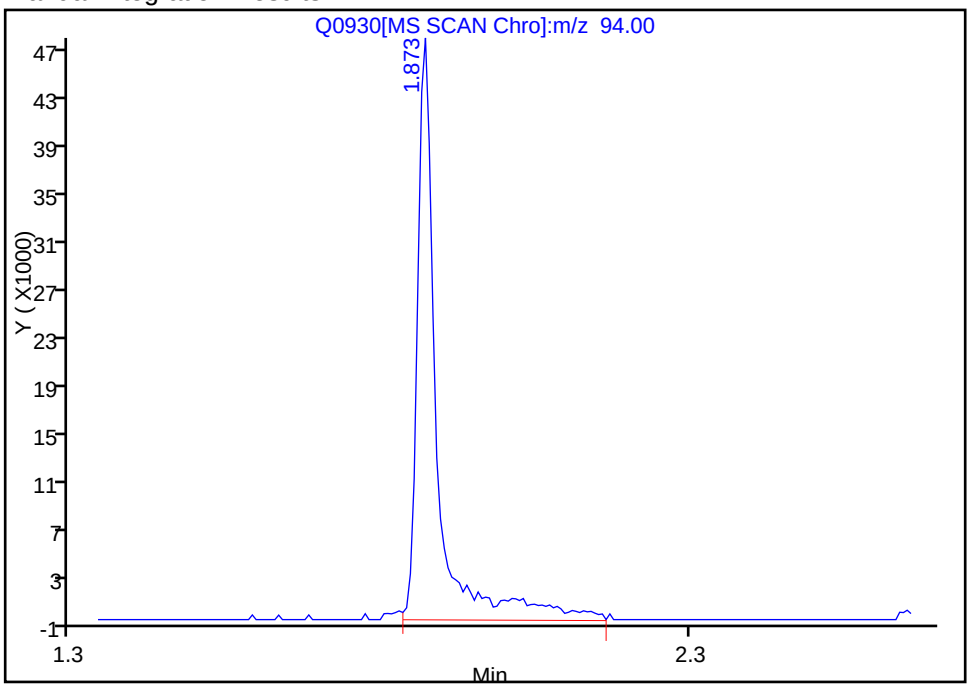
Processing Integration Results

RT: 1.87
Response: 90893
Amount: 7.070698



Manual Integration Results

RT: 1.87
Response: 106562
Amount: 9.243103



Reviewer: BrandtT, 05-Jun-2012 14:02:23
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0931.D		
Lims ID:	ICIS 4	Client ID:	
Inject. Date:	05-Jun-2012 14:00:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	4
Sample ID:	ICIS 4		
Misc. Info.:	480-0012425-006		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	17
Lims Batch ID:	67116	Lims Sample ID:	6
Sublist:	chrom-Q-8260*sub1		
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q-8260.m		
Last Update:	05-Jun-2012 15:20:33	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	05-Jun-2012 15:20:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.005	5.005	0.0	94	1010961	25.0	
* 2 Chlorobenzene-d5	82	7.195	7.195	0.0	85	482590	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.057	9.057	0.0	74	470830	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.695	4.695	0.0	0	158387	21.3	
$ 5 Toluene-d8 (Surr)	98	6.088	6.088	0.0	82	1149746	23.8	
$ 6 4-Bromofluorobenzene (Surr)	174	8.126	8.126	0.0	93	383143	25.6	
10 Dichlorodifluoromethane	85	1.361	1.361	0.0	99	286437	25.1	
12 Chloromethane	50	1.507	1.507	0.0	89	328245	24.9	
13 Vinyl chloride	62	1.598	1.598	0.0	98	481265	25.4	
14 Bromomethane	94	1.872	1.872	0.0	92	262632	23.3	
15 Chloroethane	64	1.957	1.957	0.0	93	178516	25.3	
17 Trichlorofluoromethane	101	2.176	2.176	0.0	86	519223	25.0	
20 Acrolein	56	2.608	2.608	0.0	94	184211	419.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.645	2.645	0.0	83	278804	24.6	
22 1,1-Dichloroethene	96	2.651	2.651	0.0	89	276582	25.4	
23 Acetone	43	2.748	2.748	0.0	99	411922	118.5	
25 Iodomethane	142	2.785	2.785	0.0	99	282075	23.6	
26 Carbon disulfide	76	2.827	2.827	0.0	99	862805	24.0	
29 Acetonitrile	40	2.991	2.991	0.0	99	753295	1011.1	
27 Methyl acetate	43	3.010	3.010	0.0	94	297157	25.9	
30 Methylene Chloride	84	3.089	3.089	0.0	76	335079	24.5	
32 Methyl tert-butyl ether	73	3.289	3.289	0.0	86	1069406	25.3	
34 trans-1,2-Dichloroethene	96	3.296	3.296	0.0	93	334221	25.5	
33 Acrylonitrile	53	3.308	3.308	0.0	98	516928	126.1	
39 1,1-Dichloroethane	63	3.636	3.636	0.0	84	531667	24.9	
37 Vinyl acetate	43	3.679	3.679	0.0	96	2744983	118.6	
44 2,2-Dichloropropane	77	4.068	4.068	0.0	85	443422	22.9	
45 cis-1,2-Dichloroethene	96	4.086	4.086	0.0	66	363399	25.1	
43 2-Butanone (MEK)	43	4.105	4.105	0.0	92	656954	123.5	
48 Chlorobromomethane	128	4.269	4.269	0.0	85	171213	25.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.299	4.299	0.0	83	451330	126.1	
50 Chloroform	83	4.330	4.330	0.0	79	565679	25.2	
51 1,1,1-Trichloroethane	97	4.445	4.445	0.0	92	461098	23.1	
52 Cyclohexane	56	4.470	4.470	0.0	84	441817	27.2	
55 Carbon tetrachloride	117	4.561	4.561	0.0	80	327241	21.9	
54 1,1-Dichloropropene	75	4.567	4.567	0.0	97	451146	25.6	
57 Benzene	78	4.719	4.719	0.0	94	1317802	25.0	
58 1,2-Dichloroethane	62	4.756	4.756	0.0	96	431188	25.1	
62 Trichloroethene	95	5.194	5.194	0.0	99	333865	25.3	
64 Methylcyclohexane	83	5.315	5.315	0.0	83	532879	24.0	
65 1,2-Dichloropropane	63	5.370	5.370	0.0	94	313029	25.4	
67 Dibromomethane	93	5.473	5.473	0.0	87	224966	25.4	
68 Dichlorobromomethane	83	5.583	5.583	0.0	93	396865	22.6	
69 2-Chloroethyl vinyl ether	63	5.790	5.790	0.0	89	1267620	128.8	
72 cis-1,3-Dichloropropene	75	5.905	5.905	0.0	92	516826	23.3	
73 4-Methyl-2-pentanone (MIBK)	43	6.003	6.003	0.0	94	1497141	127.3	
74 Toluene	92	6.136	6.136	0.0	98	830705	25.2	
77 trans-1,3-Dichloropropene	75	6.325	6.325	0.0	90	476416	23.2	
75 Ethyl methacrylate	69	6.362	6.362	0.0	83	484034	24.2	
79 1,1,2-Trichloroethane	83	6.465	6.465	0.0	91	266234	25.4	
81 Tetrachloroethene	166	6.550	6.550	0.0	91	337730	25.3	
82 1,3-Dichloropropane	76	6.593	6.593	0.0	83	567030	25.3	
80 2-Hexanone	43	6.629	6.629	0.0	93	1032137	127.6	
83 Chlorodibromomethane	129	6.769	6.769	0.0	87	289111	22.1	
84 Ethylene Dibromide	107	6.854	6.854	0.0	98	329114	25.8	
87 Chlorobenzene	112	7.219	7.219	0.0	88	916990	25.0	
89 1,1,1,2-Tetrachloroethane	131	7.286	7.286	0.0	88	286901	22.2	
88 Ethylbenzene	91	7.286	7.286	0.0	98	1570967	24.8	
90 m-Xylene & p-Xylene	106	7.378	7.378	0.0	97	1259640	49.3	
91 o-Xylene	106	7.694	7.694	0.0	96	612469	25.1	
92 Styrene	104	7.712	7.712	0.0	94	993642	22.8	
95 Bromoform	173	7.889	7.889	0.0	95	178424	21.5	
94 Isopropylbenzene	105	7.980	7.980	0.0	95	1542349	25.4	
101 Bromobenzene	156	8.247	8.247	0.0	92	396036	25.0	
97 1,1,2,2-Tetrachloroethane	83	8.254	8.254	0.0	92	436110	25.4	
100 1,2,3-Trichloropropane	110	8.290	8.290	0.0	72	138151	24.5	
98 trans-1,4-Dichloro-2-butene	53	8.290	8.290	0.0	82	505581	116.4	
99 N-Propylbenzene	91	8.308	8.308	0.0	93	1908417	24.9	
103 2-Chlorotoluene	126	8.393	8.393	0.0	96	348735	25.1	
102 1,3,5-Trimethylbenzene	105	8.448	8.448	0.0	74	1224915	25.3	
105 4-Chlorotoluene	126	8.485	8.485	0.0	96	375859	25.3	
106 tert-Butylbenzene	134	8.710	8.710	0.0	87	277842	25.2	
107 1,2,4-Trimethylbenzene	105	8.752	8.752	0.0	96	1255565	25.3	
109 sec-Butylbenzene	105	8.892	8.892	0.0	94	1570566	25.5	
111 1,3-Dichlorobenzene	146	9.008	9.008	0.0	73	734530	24.3	
110 4-Isopropyltoluene	119	9.008	9.008	0.0	94	1342231	21.9	
113 1,4-Dichlorobenzene	146	9.081	9.081	0.0	95	728171	25.0	
115 n-Butylbenzene	91	9.342	9.342	0.0	94	1189853	25.9	
116 1,2-Dichlorobenzene	146	9.385	9.385	0.0	96	683192	25.2	
117 1,2-Dibromo-3-Chloropropane	75	10.036	10.036	0.0	82	63159	22.5	
119 1,2,4-Trichlorobenzene	180	10.711	10.711	0.0	93	440777	25.3	
120 Hexachlorobutadiene	225	10.827	10.827	0.0	96	160560	25.5	

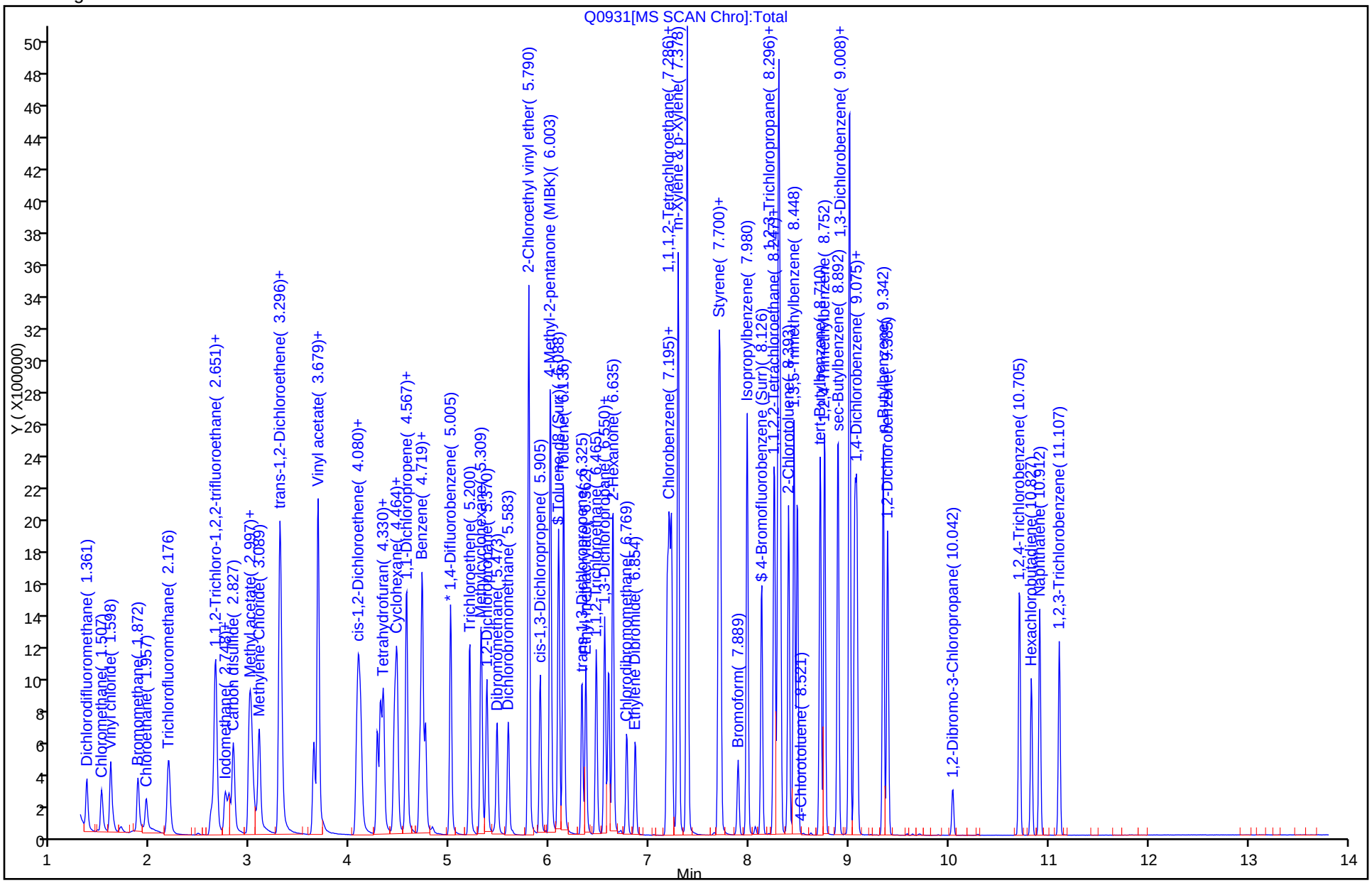
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.912	10.912	0.0	97	966788	25.6	
122 1,2,3-Trichlorobenzene	180	11.107	11.107	0.0	92	324161	25.4	
S 125 1,2-Dichloroethene, Total	1				0		50.6	
S 126 1,3-Dichloropropene, Total	1				0		46.4	
S 123 Total BTEX	1				0		149.4	
S 124 Xylenes, Total	1				0		74.4	

Report Date: 05-Jun-2012 15:20:33 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0931.D

Injection Date:	05-Jun-2012 14:00:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	6
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0932.D		
Lims ID:	IC 5	Client ID:	
Inject. Date:	05-Jun-2012 14:28:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	IC 5		
Misc. Info.:	480-0012425-007		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	18
Lims Batch ID:	67116	Lims Sample ID:	7
Sublist:	chrom-Q-8260*sub1		
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q-8260.m		
Last Update:	05-Jun-2012 15:20:30	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	05-Jun-2012 15:20:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.004	5.005	-0.001	94	962025	25.0	
* 2 Chlorobenzene-d5	82	7.194	7.195	-0.001	84	464686	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.056	9.057	-0.001	66	466658	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.700	4.695	0.005	0	352607	49.9	
$ 5 Toluene-d8 (Surr)	98	6.087	6.088	-0.001	83	2412748	51.9	
$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.126	-0.001	91	782945	54.4	
10 Dichlorodifluoromethane	85	1.360	1.361	-0.001	88	567068	52.1	
12 Chloromethane	50	1.506	1.507	-0.001	89	622483	49.7	
13 Vinyl chloride	62	1.597	1.598	-0.001	82	944292	52.3	
14 Bromomethane	94	1.871	1.868	0.003	90	536994	50.5	M
15 Chloroethane	64	1.950	1.957	-0.007	98	341380	50.8	
17 Trichlorofluoromethane	101	2.175	2.176	-0.001	84	1007022	51.0	
20 Acrolein	56	2.607	2.608	-0.001	97	433350	931.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.644	2.645	-0.001	84	548499	50.3	
22 1,1-Dichloroethene	96	2.650	2.651	-0.001	97	545623	52.7	
23 Acetone	43	2.747	2.748	-0.001	99	787486	238.0	
25 Iodomethane	142	2.784	2.785	0.0	99	587011	50.5	
26 Carbon disulfide	76	2.826	2.827	-0.001	98	1723000	49.7	
29 Acetonitrile	40	2.990	2.991	-0.001	99	1485641	2095.4	
27 Methyl acetate	43	3.009	3.010	-0.001	93	539653	49.4	
30 Methylene Chloride	84	3.088	3.089	-0.001	75	655311	50.3	
32 Methyl tert-butyl ether	73	3.288	3.289	-0.001	86	2211417	55.0	
34 trans-1,2-Dichloroethene	96	3.295	3.296	-0.001	90	666018	53.4	
33 Acrylonitrile	53	3.307	3.308	-0.001	98	1017025	260.7	
39 1,1-Dichloroethane	63	3.635	3.636	-0.001	84	1053403	51.9	
37 Vinyl acetate	43	3.678	3.679	-0.001	96	5583758	250.0	
44 2,2-Dichloropropane	77	4.067	4.068	-0.001	85	906425	48.3	
45 cis-1,2-Dichloroethene	96	4.085	4.086	-0.001	66	730473	52.9	
43 2-Butanone (MEK)	43	4.104	4.105	-0.001	92	1296979	256.2	
48 Chlorobromomethane	128	4.274	4.269	0.005	85	343020	53.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.298	4.299	-0.001	82	866240	254.4	
50 Chloroform	83	4.335	4.330	0.005	79	1116679	52.3	
51 1,1,1-Trichloroethane	97	4.444	4.445	-0.001	91	937041	48.7	
52 Cyclohexane	56	4.469	4.470	-0.001	83	850633	55.0	
55 Carbon tetrachloride	117	4.560	4.561	-0.001	80	722285	46.1	
54 1,1-Dichloropropene	75	4.566	4.567	-0.001	96	888308	53.0	
57 Benzene	78	4.724	4.719	0.005	93	2626800	52.4	
58 1,2-Dichloroethane	62	4.755	4.756	-0.001	96	842438	51.4	
62 Trichloroethene	95	5.199	5.194	0.005	95	675386	53.7	
64 Methylcyclohexane	83	5.314	5.315	-0.001	82	1065263	49.8	
65 1,2-Dichloropropane	63	5.369	5.370	-0.001	94	610572	52.2	
67 Dibromomethane	93	5.472	5.473	-0.001	89	449853	53.5	
68 Dichlorobromomethane	83	5.582	5.583	-0.001	99	837087	49.3	
69 2-Chloroethyl vinyl ether	63	5.789	5.790	-0.001	88	2587732	276.2	
72 cis-1,3-Dichloropropene	75	5.904	5.905	-0.001	93	1068292	49.8	
73 4-Methyl-2-pentanone (MIBK)	43	6.008	6.003	0.005	93	2915225	257.5	
74 Toluene	92	6.142	6.136	0.006	98	1681552	52.9	
77 trans-1,3-Dichloropropene	75	6.324	6.325	-0.001	86	1012521	50.1	
75 Ethyl methacrylate	69	6.361	6.362	-0.001	84	984719	50.4	
79 1,1,2-Trichloroethane	83	6.464	6.465	-0.001	85	531368	52.7	
81 Tetrachloroethene	166	6.549	6.550	-0.001	92	677153	52.8	
82 1,3-Dichloropropane	76	6.592	6.593	-0.001	82	1124947	52.0	
80 2-Hexanone	43	6.634	6.629	0.005	92	2005381	257.4	
83 Chlorodibromomethane	129	6.774	6.769	0.005	89	637195	49.4	
84 Ethylene Dibromide	107	6.859	6.854	0.005	99	676300	55.1	
87 Chlorobenzene	112	7.218	7.219	-0.001	94	1872104	53.0	
89 1,1,1,2-Tetrachloroethane	131	7.285	7.286	-0.001	89	635587	46.5	
88 Ethylbenzene	91	7.291	7.286	0.005	97	3286393	53.8	
90 m-Xylene & p-Xylene	106	7.377	7.378	-0.001	97	2675888	108.7	
91 o-Xylene	106	7.693	7.694	-0.001	96	1293224	55.1	
92 Styrene	104	7.711	7.712	-0.001	94	2070878	48.6	
95 Bromoform	173	7.888	7.889	-0.001	95	427283	47.5	
94 Isopropylbenzene	105	7.979	7.980	-0.001	95	3171265	52.8	
101 Bromobenzene	156	8.247	8.247	0.0	92	822372	52.3	
97 1,1,2,2-Tetrachloroethane	83	8.253	8.254	-0.001	90	914974	53.7	
100 1,2,3-Trichloropropane	110	8.289	8.290	-0.001	72	302842	54.3	
98 trans-1,4-Dichloro-2-butene	53	8.295	8.290	0.005	86	1080083	246.8	
99 N-Propylbenzene	91	8.307	8.308	-0.001	98	4070423	53.6	
103 2-Chlorotoluene	126	8.399	8.393	0.006	97	718997	52.3	
102 1,3,5-Trimethylbenzene	105	8.447	8.448	-0.001	72	2559150	53.2	
105 4-Chlorotoluene	126	8.484	8.485	-0.001	96	764406	52.0	
106 tert-Butylbenzene	134	8.715	8.710	0.005	89	585466	53.5	
107 1,2,4-Trimethylbenzene	105	8.758	8.752	0.006	96	2611912	53.1	
109 sec-Butylbenzene	105	8.891	8.892	-0.001	94	3265547	53.5	
111 1,3-Dichlorobenzene	146	9.007	9.008	-0.001	72	1584612	52.9	
110 4-Isopropyltoluene	119	9.007	9.008	-0.001	94	2893957	47.0	
113 1,4-Dichlorobenzene	146	9.080	9.081	-0.001	95	1508447	52.3	
115 n-Butylbenzene	91	9.342	9.342	0.0	94	2461327	54.0	
116 1,2-Dichlorobenzene	146	9.390	9.385	0.005	96	1417608	52.8	
117 1,2-Dibromo-3-Chloropropane	75	10.041	10.036	0.005	87	141804	49.7	
119 1,2,4-Trichlorobenzene	180	10.710	10.711	-0.001	90	908731	52.7	
120 Hexachlorobutadiene	225	10.826	10.827	-0.001	96	331160	53.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.911	10.912	-0.001	97	1994511	53.3	
122 1,2,3-Trichlorobenzene	180	11.106	11.107	-0.001	94	670586	53.0	
S 125 1,2-Dichloroethene, Total	1				0		106.3	
S 126 1,3-Dichloropropene, Total	1				0		99.9	
S 123 Total BTEX	1				0		323.0	
S 124 Xylenes, Total	1				0		163.9	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 05-Jun-2012 15:20:30 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0932.D

Injection Date: 05-Jun-2012 14:28:30 Limit Group: MV - 8260B ICAL

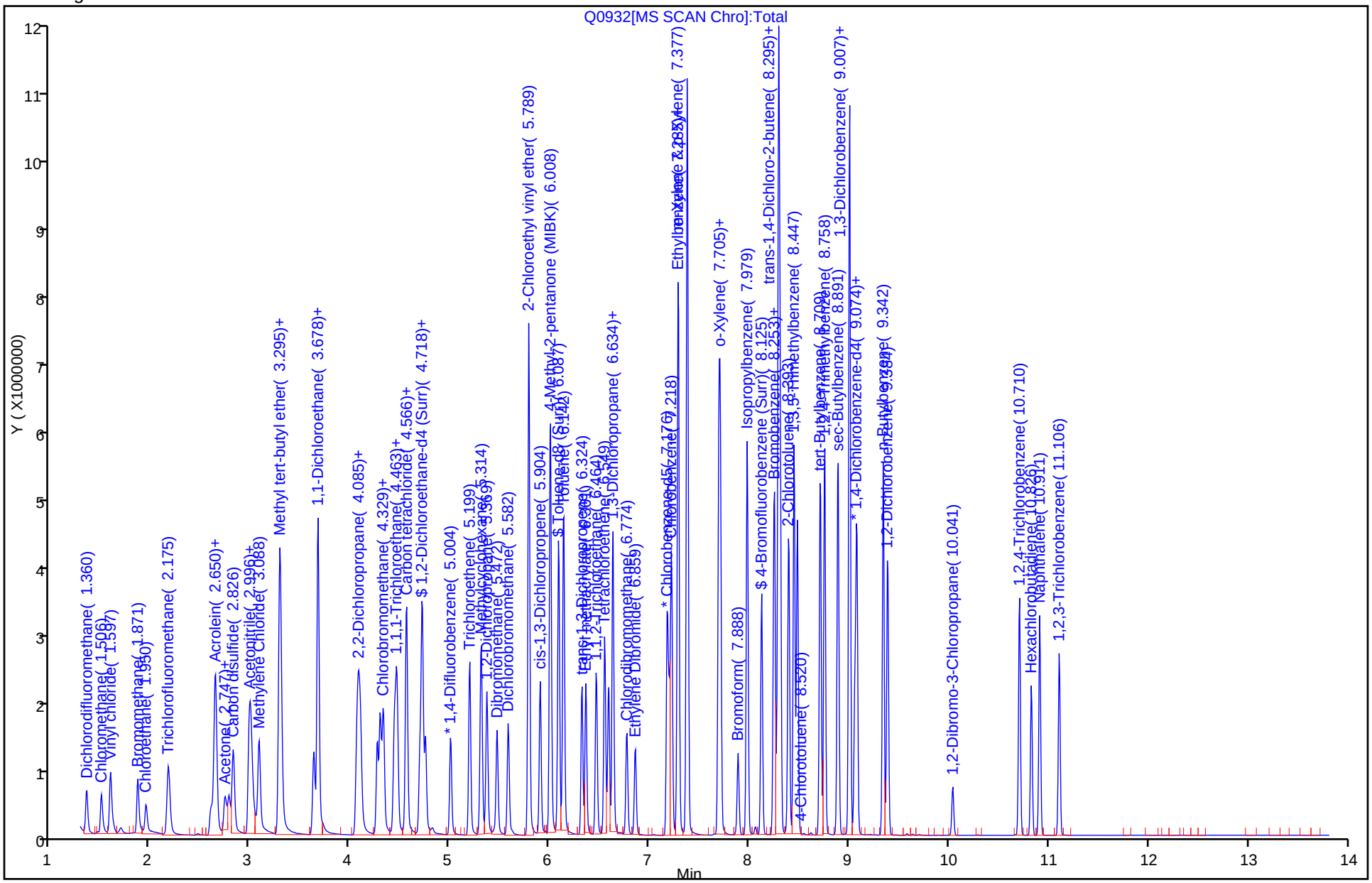
Client ID: Instrument ID: HP5973Q

Lims Batch ID: 67116 Lims Sample ID: 7

Operator ID: TRB

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



Report Date: 05-Jun-2012 15:20:30 Chrom Revision: 2.0 20-Feb-2012 13:27:02

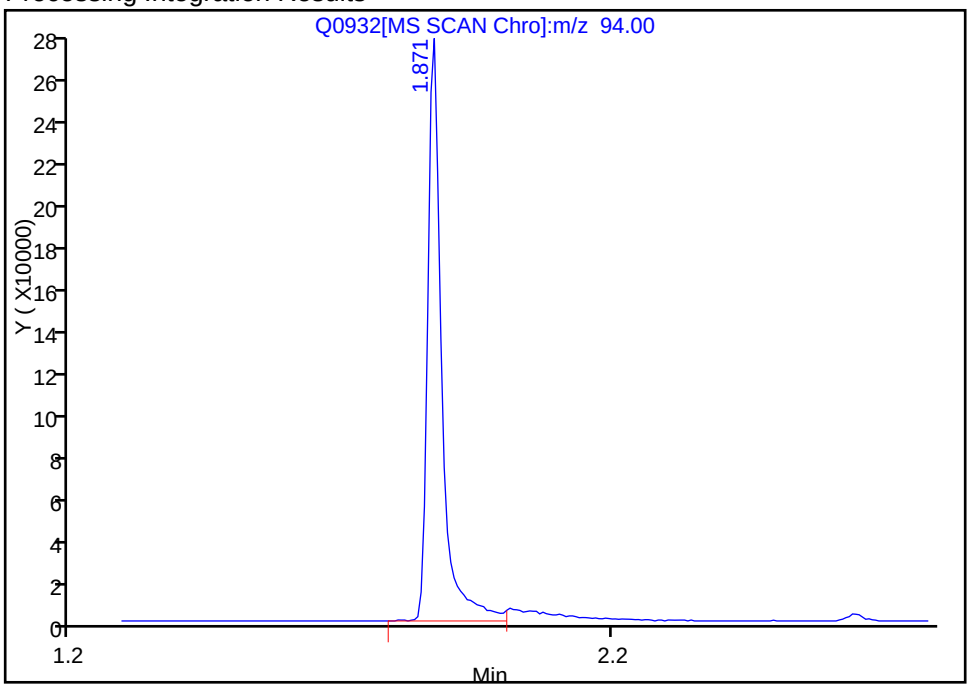
Manual Integration/User Assign Peak Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0932.D		
Injection Date:	05-Jun-2012 14:28:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	7
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 1.87

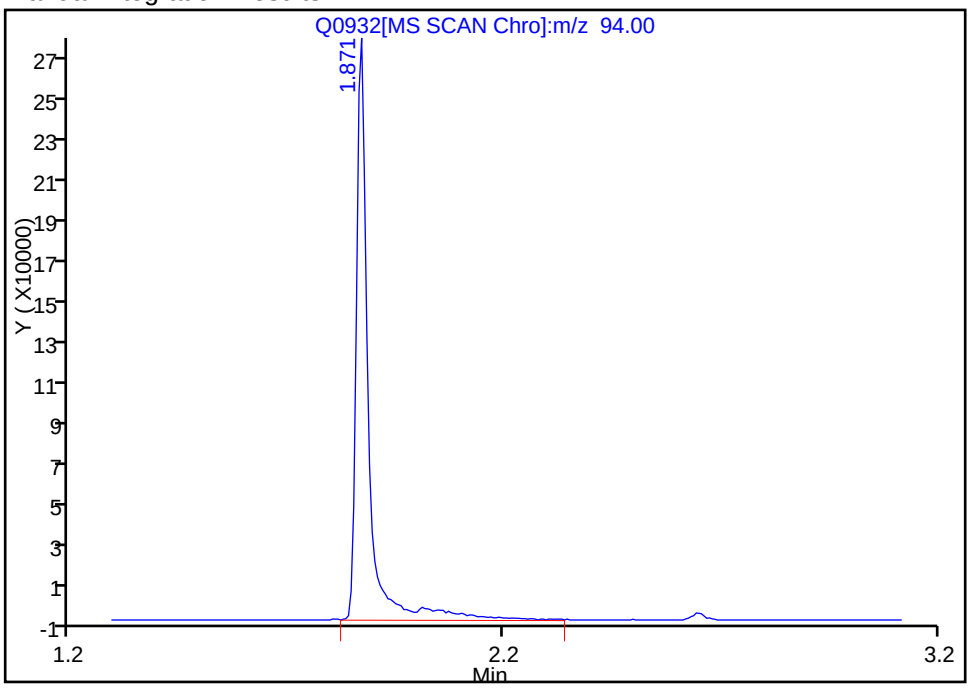
Processing Integration Results

RT: 1.87
Response: 494339
Amount: 50.335459



Manual Integration Results

RT: 1.87
Response: 536994
Amount: 50.497582



Reviewer: BrandtT, 05-Jun-2012 14:46:24
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Lims ID:	IC 6	Client ID:	
Inject. Date:	05-Jun-2012 14:56:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	IC 6		
Misc. Info.:	480-0012425-008		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	19
Lims Batch ID:	67116	Lims Sample ID:	8
Sublist:	chrom-Q-8260*sub1		
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q-8260.m		
Last Update:	05-Jun-2012 15:42:46	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	05-Jun-2012 15:42:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.007	5.005	0.002	93	978022	25.0	
* 2 Chlorobenzene-d5	82	7.197	7.195	0.002	83	483325	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.057	0.002	85	473419	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.697	4.695	0.002	0	778768	108.4	
$ 5 Toluene-d8 (Surr)	98	6.090	6.088	0.002	82	5352301	110.8	
$ 6 4-Bromofluorobenzene (Surr)	174	8.128	8.126	0.002	94	1661839	111.0	
10 Dichlorodifluoromethane	85	1.357	1.361	-0.004	89	1191235	107.7	
12 Chloromethane	50	1.503	1.507	-0.004	100	1278773	100.5	
13 Vinyl chloride	62	1.594	1.598	-0.004	97	1999712	109.0	
14 Bromomethane	94	1.868	1.872	-0.004	90	1100887	102.3	M
15 Chloroethane	64	1.953	1.957	-0.004	94	677265	99.1	
17 Trichlorofluoromethane	101	2.178	2.176	0.002	96	2123785	105.8	
20 Acrolein	56	2.604	2.608	-0.004	99	1014545	2052.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.641	2.645	-0.004	83	1131389	101.4	
22 1,1-Dichloroethene	96	2.647	2.651	-0.004	89	1184532	112.5	
23 Acetone	43	2.744	2.748	-0.004	99	1629582	484.5	
25 Iodomethane	142	2.787	2.785	0.003	98	1232931	103.4	
26 Carbon disulfide	76	2.823	2.827	-0.004	98	3636958	102.6	
29 Acetonitrile	40	2.994	2.991	0.003	99	3011152	4177.7	
27 Methyl acetate	43	3.006	3.010	-0.004	93	1186425	106.8	
30 Methylene Chloride	84	3.085	3.089	-0.004	74	1376613	103.9	
32 Methyl tert-butyl ether	73	3.292	3.289	0.003	85	4771876	116.7	
34 trans-1,2-Dichloroethene	96	3.292	3.296	-0.004	89	1508544	119.0	
33 Acrylonitrile	53	3.310	3.308	0.002	99	2109091	531.7	
39 1,1-Dichloroethane	63	3.632	3.636	-0.004	84	2245991	108.9	
37 Vinyl acetate	43	3.675	3.679	-0.004	96	11722913	513.2	
44 2,2-Dichloropropane	77	4.064	4.068	-0.004	86	2019728	105.2	
45 cis-1,2-Dichloroethene	96	4.089	4.086	0.003	67	1583998	112.9	
43 2-Butanone (MEK)	43	4.101	4.105	-0.004	91	2629369	510.8	
48 Chlorobromomethane	128	4.271	4.269	0.002	81	719657	111.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.296	4.299	-0.003	80	1763913	509.6	
50 Chloroform	83	4.332	4.330	0.002	78	2334065	107.5	
51 1,1,1-Trichloroethane	97	4.442	4.445	-0.003	91	2058032	104.5	
52 Cyclohexane	56	4.466	4.470	-0.004	81	1731970	110.2	
55 Carbon tetrachloride	117	4.563	4.561	0.002	84	1710835	102.6	
54 1,1-Dichloropropene	75	4.563	4.567	-0.004	95	1899130	111.4	
57 Benzene	78	4.721	4.719	0.002	93	5589558	109.6	
58 1,2-Dichloroethane	62	4.752	4.756	-0.004	92	1704615	102.4	
62 Trichloroethene	95	5.196	5.194	0.002	95	1428939	111.9	
64 Methylcyclohexane	83	5.311	5.315	-0.004	81	2236109	102.3	
65 1,2-Dichloropropane	63	5.372	5.370	0.002	94	1256529	105.6	
67 Dibromomethane	93	5.470	5.473	-0.003	88	951469	111.2	
68 Dichlorobromomethane	83	5.585	5.583	0.002	93	1822605	104.8	
69 2-Chloroethyl vinyl ether	63	5.792	5.790	0.002	87	5711032	599.6	
72 cis-1,3-Dichloropropene	75	5.908	5.905	0.003	94	2265905	103.2	
73 4-Methyl-2-pentanone (MIBK)	43	6.005	6.003	0.002	91	6180432	524.8	
74 Toluene	92	6.139	6.136	0.003	93	3677404	111.3	
77 trans-1,3-Dichloropropene	75	6.321	6.325	-0.004	85	2194478	103.6	
75 Ethyl methacrylate	69	6.364	6.362	0.002	82	2086421	101.9	
79 1,1,2-Trichloroethane	83	6.467	6.465	0.002	85	1120930	106.8	
81 Tetrachloroethene	166	6.552	6.550	0.002	92	1466669	109.9	
82 1,3-Dichloropropane	76	6.589	6.593	-0.004	80	2347043	104.4	
80 2-Hexanone	43	6.632	6.629	0.003	90	4224193	521.2	
83 Chlorodibromomethane	129	6.771	6.769	0.002	87	1434775	105.9	
84 Ethylene Dibromide	107	6.857	6.854	0.003	98	1424429	111.6	
87 Chlorobenzene	112	7.222	7.219	0.003	89	3998222	108.7	
89 1,1,1,2-Tetrachloroethane	131	7.289	7.286	0.003	90	1522644	102.4	
88 Ethylbenzene	91	7.289	7.286	0.003	97	7352886	115.8	
90 m-Xylene & p-Xylene	106	7.380	7.378	0.002	94	6443789	251.7	
91 o-Xylene	106	7.696	7.694	0.002	94	2978191	122.0	
92 Styrene	104	7.714	7.712	0.002	93	4692235	105.0	
95 Bromoform	173	7.885	7.889	-0.004	95	1002103	102.1	
94 Isopropylbenzene	105	7.982	7.980	0.002	95	6935558	113.7	
101 Bromobenzene	156	8.250	8.247	0.003	89	1824991	114.5	
97 1,1,2,2-Tetrachloroethane	83	8.256	8.254	0.002	88	2005774	116.1	
100 1,2,3-Trichloropropane	110	8.292	8.290	0.002	73	706134	124.7	
98 trans-1,4-Dichloro-2-butene	53	8.298	8.290	0.008	82	2332934	521.5	
99 N-Propylbenzene	91	8.311	8.308	0.003	94	9463495	122.8	
103 2-Chlorotoluene	126	8.396	8.393	0.003	96	1544598	110.8	
102 1,3,5-Trimethylbenzene	105	8.451	8.448	0.003	74	5561869	114.1	
105 4-Chlorotoluene	126	8.487	8.485	0.002	95	1652158	110.8	
106 tert-Butylbenzene	134	8.712	8.710	0.002	89	1268771	114.3	
107 1,2,4-Trimethylbenzene	105	8.755	8.752	0.003	96	5646631	113.1	
109 sec-Butylbenzene	105	8.889	8.892	-0.003	94	7103707	114.8	
111 1,3-Dichlorobenzene	146	9.004	9.008	-0.004	73	3829654	126.1	
110 4-Isopropyltoluene	119	9.004	9.008	-0.004	94	6780517	107.6	
113 1,4-Dichlorobenzene	146	9.077	9.081	-0.004	94	3241391	110.7	
115 n-Butylbenzene	91	9.345	9.342	0.003	94	5287686	114.4	
116 1,2-Dichlorobenzene	146	9.387	9.385	0.002	97	2996833	110.0	
117 1,2-Dibromo-3-Chloropropane	75	10.038	10.036	0.002	88	307288	105.0	
119 1,2,4-Trichlorobenzene	180	10.707	10.711	-0.004	92	1951897	111.6	
120 Hexachlorobutadiene	225	10.829	10.827	0.002	95	686766	108.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.914	10.912	0.002	97	4252126	111.9	
122 1,2,3-Trichlorobenzene	180	11.109	11.107	0.002	92	1350807	105.2	
S 125 1,2-Dichloroethene, Total	1				0		231.9	
S 126 1,3-Dichloropropene, Total	1				0		206.8	
S 123 Total BTEX	1				0		710.5	
S 124 Xylenes, Total	1				0		373.8	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 05-Jun-2012 15:42:46 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D

Injection Date: 05-Jun-2012 14:56:30 Limit Group: MV - 8260B ICAL

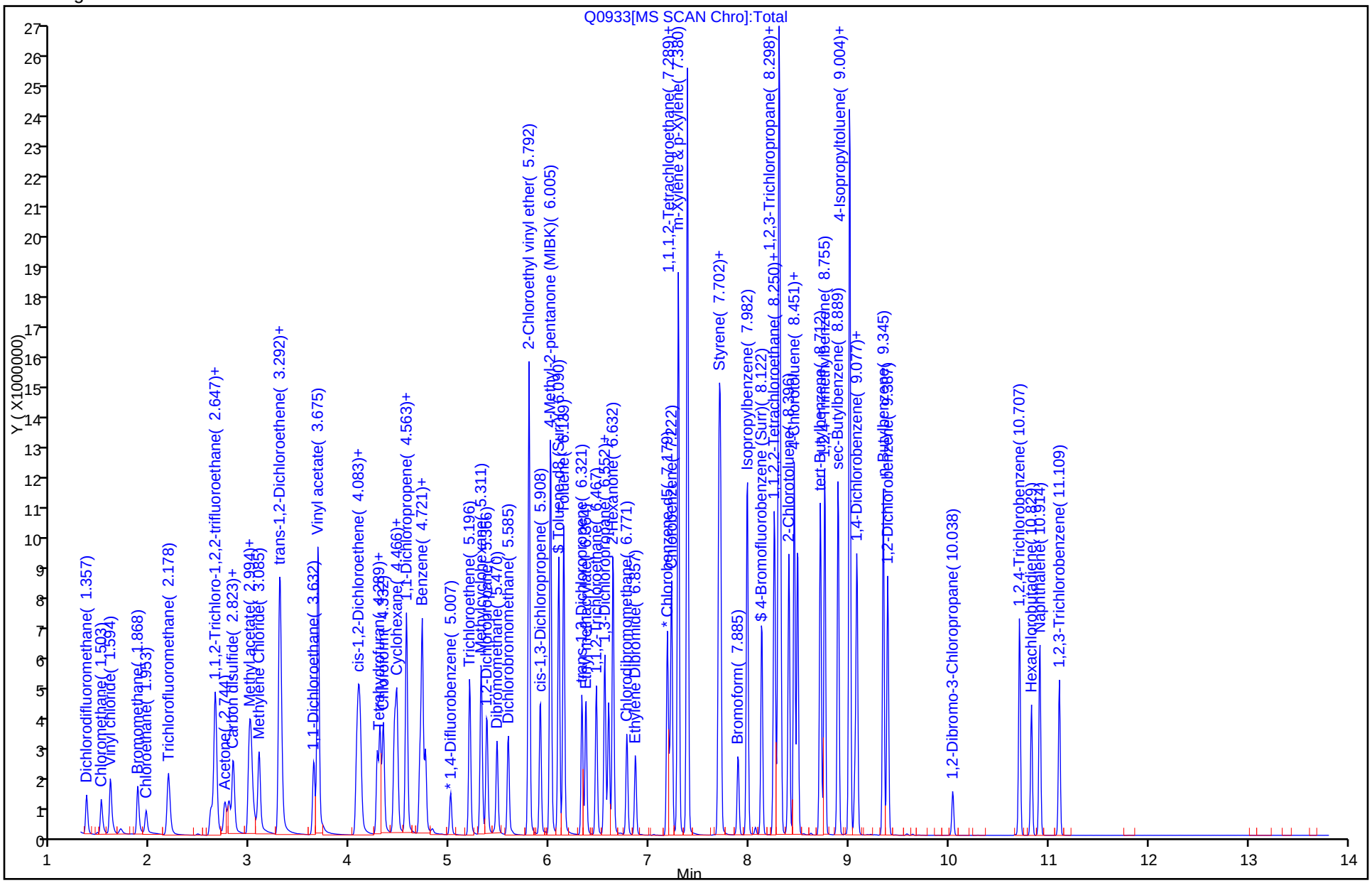
Client ID: Instrument ID: HP5973Q

Lims Batch ID: 67116 Lims Sample ID: 8

Operator ID: TRB

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



Report Date: 05-Jun-2012 15:42:46 Chrom Revision: 2.0 20-Feb-2012 13:27:02

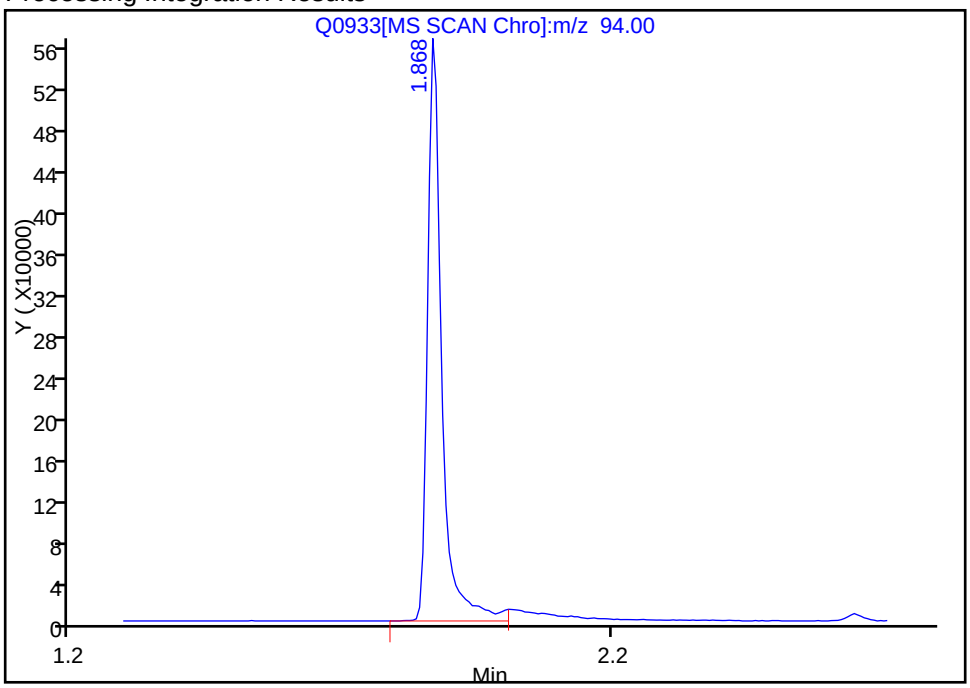
Manual Integration/User Assign Peak Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Injection Date:	05-Jun-2012 14:56:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	67116	Lims Sample ID:	8
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 1.87

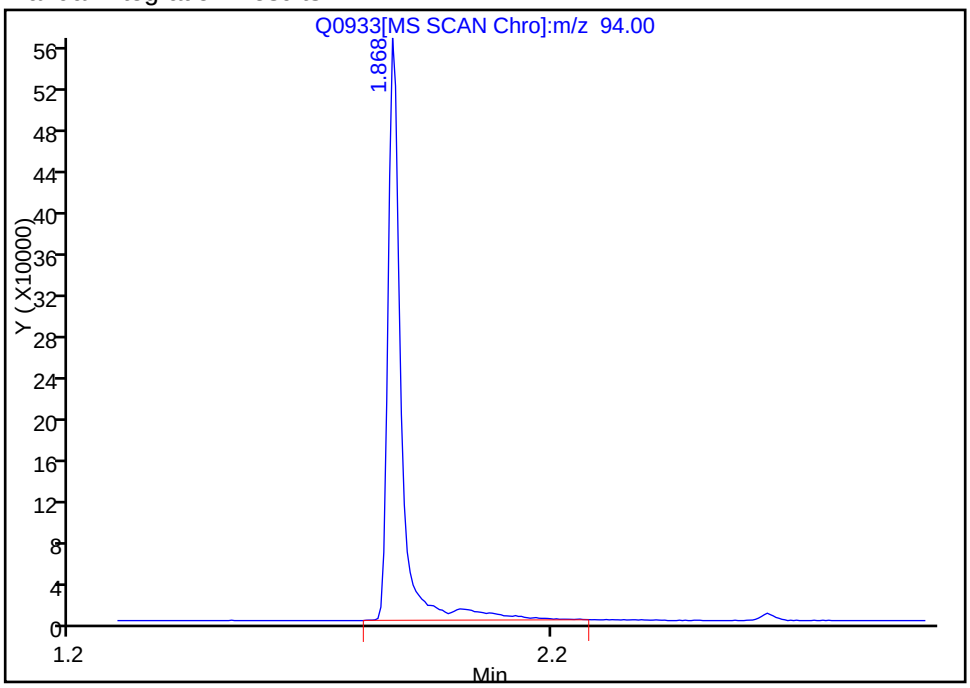
Processing Integration Results

RT: 1.87
Response: 1046659
Amount: 100.0479



Manual Integration Results

RT: 1.87
Response: 1100887
Amount: 102.2600



Reviewer: BrandtT, 05-Jun-2012 15:14:22
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab Sample ID: CCVIS 480-71947/2 Calibration Date: 07/11/2012 12:53

Instrument ID: HP5973G Calib Start Date: 07/09/2012 12:11

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/09/2012 14:04

Lab File ID: G12944.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	0.2571	0.2491		24.2	25.0	-3.1	50.0
Chloromethane	Ave	0.5323	0.5641	0.1000	26.5	25.0	6.0	50.0
Vinyl chloride	Ave	0.3469	0.3828		27.6	25.0	10.3	20.0
Bromomethane	Ave	0.1099	0.1340		30.5	25.0	22.0	50.0
Chloroethane	Ave	0.1673	0.2053		30.7	25.0	22.7	50.0
Trichlorofluoromethane	Ave	0.3252	0.4083		31.4	25.0	25.6	50.0
Acrolein	Ave	0.0259	0.0302		584	500	16.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2487	0.2848		28.6	25.0	14.5	50.0
1,1-Dichloroethene	Lin1		0.3003	0.1000	29.1	25.0	16.4	20.0
Acetone	Qua		0.1993		135	125	8.2	50.0
Iodomethane	Ave	0.2596	0.2845		27.4	25.0	9.6	50.0
Carbon disulfide	Ave	0.8168	0.8861		27.1	25.0	8.5	50.0
Acetonitrile	Qua		0.0532		964	1000	-3.6	50.0
Methyl acetate	Qua		0.8327		24.4	25.0	-2.4	50.0
Methylene Chloride	Lin2		0.3846		26.6	25.0	6.4	50.0
Methyl tert-butyl ether	Ave	1.089	1.086		24.9	25.0	-0.2	50.0
trans-1,2-Dichloroethene	Ave	0.3462	0.3412		24.6	25.0	-1.4	50.0
Acrylonitrile	Ave	0.2441	0.2550		131	125	4.5	50.0
1,1-Dichloroethane	Ave	0.5970	0.5920		24.8	25.0	-0.8	50.0
Vinyl acetate	Ave	1.053	1.140		135	125	8.3	50.0
2,2-Dichloropropane	Ave	0.2004	0.1955		24.4	25.0	-2.5	50.0
cis-1,2-Dichloroethene	Ave	0.3245	0.3120		24.0	25.0	-3.9	50.0
2-Butanone (MEK)	Ave	0.3951	0.4174		132	125	5.6	50.0
Bromochloromethane	Ave	0.1586	0.1544		24.4	25.0	-2.6	50.0
Tetrahydrofuran	Ave	0.2763	0.2870		130	125	3.9	50.0
Chloroform	Ave	0.3272	0.3237		24.7	25.0	-1.1	20.0
1,1,1-Trichloroethane	Ave	0.3234	0.3291		25.4	25.0	1.8	50.0
Cyclohexane	Ave	0.7964	0.7866		24.7	25.0	-1.2	50.0
Carbon tetrachloride	Ave	0.2954	0.3100		26.2	25.0	4.9	50.0
1,1-Dichloropropene	Ave	0.4264	0.4160		24.4	25.0	-2.4	50.0
Benzene	Ave	1.284	1.254		24.4	25.0	-2.4	50.0
1,2-Dichloroethane	Ave	0.4652	0.4795		25.8	25.0	3.1	50.0
Trichloroethene	Ave	0.3074	0.2958		24.0	25.0	-3.8	50.0
Methylcyclohexane	Ave	0.4899	0.4648		23.7	25.0	-5.1	50.0
1,2-Dichloropropane	Ave	0.3647	0.3551		24.3	25.0	-2.6	20.0
Dibromomethane	Ave	0.1852	0.1860		25.1	25.0	0.4	50.0
Bromodichloromethane	Ave	0.3422	0.3485		25.5	25.0	1.8	50.0
2-Chloroethyl vinyl ether	Ave	0.3194	0.3261		128	125	2.1	50.0
cis-1,3-Dichloropropene	Ave	0.4634	0.4732		25.5	25.0	2.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.486	1.572		132	125	5.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab Sample ID: CCVIS 480-71947/2 Calibration Date: 07/11/2012 12:53

Instrument ID: HP5973G Calib Start Date: 07/09/2012 12:11

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/09/2012 14:04

Lab File ID: G12944.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
Toluene	Ave	1.640	1.590		24.2	25.0	-3.0	20.0
trans-1,3-Dichloropropene	Ave	0.8683	0.9065		26.1	25.0	4.4	50.0
Ethyl methacrylate	Ave	1.134	1.143		25.2	25.0	0.7	50.0
1,1,2-Trichloroethane	Ave	0.5102	0.4959		24.3	25.0	-2.8	50.0
Tetrachloroethene	Ave	0.6680	0.6640		24.8	25.0	-0.6	50.0
1,3-Dichloropropane	Ave	1.129	1.103		24.4	25.0	-2.2	50.0
2-Hexanone	Ave	1.135	1.206		133	125	6.3	50.0
Dibromochloromethane	Ave	0.5232	0.5369		25.7	25.0	2.6	50.0
1,2-Dibromoethane	Ave	0.6423	0.6395		24.9	25.0	-0.4	50.0
Chlorobenzene	Ave	1.846	1.787	0.3000	24.2	25.0	-3.2	50.0
1,1,1,2-Tetrachloroethane	Ave	0.5477	0.5680		25.9	25.0	3.7	50.0
Ethylbenzene	Ave	3.054	2.963		24.3	25.0	-3.0	20.0
m,p-Xylene	Ave	1.233	1.219		49.4	50.0	-1.2	50.0
o-Xylene	Ave	1.181	1.152		24.4	25.0	-2.4	50.0
Styrene	Ave	1.868	1.866		25.0	25.0	-0.0	50.0
Bromoform	Lin1		0.3337	0.1000	22.1	25.0	-11.6	50.0
Isopropylbenzene	Ave	3.144	3.116		24.8	25.0	-0.9	50.0
Bromobenzene	Ave	0.7741	0.7646		24.7	25.0	-1.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9707	0.9623	0.3000	24.8	25.0	-0.9	50.0
1,2,3-Trichloropropane	Ave	0.3346	0.3309		24.7	25.0	-1.1	50.0
N-Propylbenzene	Ave	3.833	3.868		25.2	25.0	0.9	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.3785		134	125	6.8	50.0
2-Chlorotoluene	Ave	0.7718	0.7475		24.2	25.0	-3.2	50.0
1,3,5-Trimethylbenzene	Ave	2.667	2.646		24.8	25.0	-0.8	50.0
4-Chlorotoluene	Ave	0.8141	0.8030		24.7	25.0	-1.4	50.0
tert-Butylbenzene	Ave	0.6004	0.5862		24.4	25.0	-2.4	50.0
1,2,4-Trimethylbenzene	Ave	2.708	2.707		25.0	25.0	-0.0	50.0
sec-Butylbenzene	Ave	3.385	3.355		24.8	25.0	-0.9	50.0
1,3-Dichlorobenzene	Ave	1.596	1.569		24.6	25.0	-1.7	50.0
4-Isopropyltoluene	Ave	2.818	2.839		25.2	25.0	0.7	50.0
1,4-Dichlorobenzene	Ave	1.652	1.624		24.6	25.0	-1.7	50.0
n-Butylbenzene	Ave	2.573	2.544		24.7	25.0	-1.1	50.0
1,2-Dichlorobenzene	Ave	1.592	1.544		24.2	25.0	-3.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2150	0.2208		25.7	25.0	2.7	50.0
1,2,4-Trichlorobenzene	Ave	1.177	1.191		25.3	25.0	1.2	50.0
Hexachlorobutadiene	Ave	0.4368	0.4363		25.0	25.0	-0.1	50.0
Naphthalene	Ave	3.900	4.038		25.9	25.0	3.6	50.0
1,2,3-Trichlorobenzene	Ave	1.150	1.156		25.1	25.0	0.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1898	0.2075		27.3	25.0	9.3	50.0
Toluene-d8 (Surr)	Ave	2.206	2.429		27.5	25.0	10.1	50.0
4-Bromofluorobenzene (Surr)	Ave	0.6588	0.7080		26.9	25.0	7.5	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12944.D
Lims ID: CCVIS Client ID:
Inject. Date: 11-Jul-2012 12:53:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: CCVIS
Misc. Info.: 480-0013302-002 =480-0013302-002
Operator: LH Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 1
Lims Batch ID: 71947 Lims Sample ID: 2
Sublist: chrom-G-8260*sub1
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G-8260.m
Last Update: 11-Jul-2012 13:22:08 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 11-Jul-2012 13:22:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	314587	25.0	
* 2 Chlorobenzene-d5	82	8.630	8.630	0.0	88	157859	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	90	153445	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.350	5.350	0.0	0	65260	27.3	
$ 5 Toluene-d8 (Surr)	98	7.148	7.148	0.0	92	383517	27.5	
$ 6 4-Bromofluorobenzene (Surr)	174	9.874	9.874	0.0	86	111764	26.9	
10 Dichlorodifluoromethane	85	1.448	1.448	0.0	85	78364	24.2	
12 Chloromethane	50	1.619	1.619	0.0	89	177451	26.5	
13 Vinyl chloride	62	1.723	1.723	0.0	81	120420	27.6	
14 Bromomethane	94	2.076	2.076	0.0	91	42163	30.5	M
15 Chloroethane	64	2.168	2.168	0.0	96	64582	30.7	
17 Trichlorofluoromethane	101	2.381	2.381	0.0	94	128437	31.4	
19 Acrolein	56	2.820	2.820	0.0	98	190118	583.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.899	2.899	0.0	41	89586	28.6	
20 1,1-Dichloroethene	96	2.905	2.905	0.0	80	94478	29.1	
22 Acetone	43	2.985	2.985	0.0	98	313474	135.3	
23 Iodomethane	142	3.076	3.076	0.0	97	89493	27.4	
24 Carbon disulfide	76	3.113	3.113	0.0	99	278748	27.1	
27 Acetonitrile	40	3.277	3.277	0.0	99	669970	964.3	
28 Methyl acetate	43	3.283	3.283	0.0	100	261960	24.4	
29 Methylene Chloride	84	3.436	3.436	0.0	86	120979	26.6	
31 Methyl tert-butyl ether	73	3.613	3.613	0.0	93	341794	24.9	
32 trans-1,2-Dichloroethene	96	3.619	3.619	0.0	92	107327	24.6	
33 Acrylonitrile	53	3.649	3.649	0.0	97	401134	130.6	
36 1,1-Dichloroethane	63	4.027	4.027	0.0	85	186230	24.8	
38 Vinyl acetate	43	4.082	4.082	0.0	97	1793634	135.4	
42 2,2-Dichloropropane	77	4.551	4.551	0.0	92	61498	24.4	
43 cis-1,2-Dichloroethene	96	4.582	4.582	0.0	72	98134	24.0	
44 2-Butanone (MEK)	43	4.612	4.612	0.0	98	656474	132.0	
48 Chlorobromomethane	128	4.814	4.814	0.0	86	48585	24.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.850	4.850	0.0	95	451475	129.8	
50 Chloroform	85	4.887	4.887	0.0	82	101835	24.7	
51 1,1,1-Trichloroethane	97	5.021	5.021	0.0	92	103521	25.4	
52 Cyclohexane	56	5.039	5.039	0.0	96	247459	24.7	
53 Carbon tetrachloride	117	5.161	5.161	0.0	80	97513	26.2	
54 1,1-Dichloropropene	75	5.167	5.167	0.0	91	130856	24.4	
56 Benzene	78	5.368	5.368	0.0	97	394374	24.4	
57 1,2-Dichloroethane	62	5.423	5.423	0.0	88	150834	25.8	
61 Trichloroethene	95	5.984	5.984	0.0	93	93042	24.0	
62 Methylcyclohexane	83	6.118	6.118	0.0	97	146203	23.7	
63 1,2-Dichloropropane	63	6.216	6.216	0.0	91	111710	24.3	
65 Dibromomethane	93	6.344	6.344	0.0	91	58526	25.1	
67 Dichlorobromomethane	83	6.496	6.496	0.0	92	109633	25.5	
70 2-Chloroethyl vinyl ether	63	6.770	6.770	0.0	88	512884	127.6	
72 cis-1,3-Dichloropropene	75	6.917	6.917	0.0	86	148850	25.5	
73 4-Methyl-2-pentanone (MIBK)	43	7.057	7.057	0.0	99	1240872	132.2	
74 Toluene	92	7.215	7.215	0.0	98	250953	24.2	
76 trans-1,3-Dichloropropene	75	7.478	7.478	0.0	95	143100	26.1	
78 Ethyl methacrylate	69	7.532	7.532	0.0	96	180389	25.2	
79 1,1,2-Trichloroethane	83	7.667	7.667	0.0	88	78285	24.3	
80 Tetrachloroethene	166	7.758	7.758	0.0	92	104814	24.8	
81 1,3-Dichloropropane	76	7.831	7.831	0.0	98	174181	24.4	
82 2-Hexanone	43	7.898	7.898	0.0	98	951929	132.8	
83 Chlorodibromomethane	129	8.069	8.069	0.0	89	84759	25.7	
84 Ethylene Dibromide	107	8.179	8.179	0.0	98	100945	24.9	
86 Chlorobenzene	112	8.660	8.660	0.0	91	282035	24.2	
88 1,1,1,2-Tetrachloroethane	131	8.758	8.758	0.0	39	89659	25.9	
89 Ethylbenzene	91	8.758	8.758	0.0	98	467742	24.3	
90 m-Xylene & p-Xylene	106	8.880	8.880	0.0	99	384913	49.4	
91 o-Xylene	106	9.307	9.307	0.0	97	181818	24.4	
92 Styrene	104	9.331	9.331	0.0	95	294560	25.0	
93 Bromoform	173	9.569	9.569	0.0	96	52672	22.1	
95 Isopropylbenzene	105	9.685	9.685	0.0	96	478201	24.8	
97 Bromobenzene	156	10.026	10.026	0.0	96	117320	24.7	
98 1,1,2,2-Tetrachloroethane	83	10.056	10.056	0.0	84	147667	24.8	
99 1,2,3-Trichloropropane	110	10.093	10.093	0.0	77	50781	24.7	
100 trans-1,4-Dichloro-2-butene	53	10.105	10.105	0.0	74	290400	133.5	
101 N-Propylbenzene	91	10.105	10.105	0.0	92	593471	25.2	
102 2-Chlorotoluene	126	10.209	10.209	0.0	96	114700	24.2	
104 1,3,5-Trimethylbenzene	105	10.282	10.282	0.0	93	405959	24.8	
105 4-Chlorotoluene	126	10.319	10.319	0.0	98	123218	24.7	
106 tert-Butylbenzene	134	10.599	10.599	0.0	93	89951	24.4	
107 1,2,4-Trimethylbenzene	105	10.648	10.648	0.0	97	415366	25.0	
109 sec-Butylbenzene	105	10.806	10.806	0.0	94	514748	24.8	
110 1,3-Dichlorobenzene	146	10.940	10.940	0.0	97	240811	24.6	
111 4-Isopropyltoluene	119	10.940	10.940	0.0	97	435617	25.2	
113 1,4-Dichlorobenzene	146	11.020	11.020	0.0	93	249224	24.6	
115 n-Butylbenzene	91	11.324	11.324	0.0	98	390383	24.7	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	96	236955	24.2	
117 1,2-Dibromo-3-Chloropropane	75	12.086	12.086	0.0	77	33873	25.7	
119 1,2,4-Trichlorobenzene	180	12.775	12.775	0.0	93	182744	25.3	
120 Hexachlorobutadiene	225	12.891	12.891	0.0	95	66945	25.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	12.989	12.989	0.0	97	619661	25.9	
122 1,2,3-Trichlorobenzene	180	13.190	13.190	0.0	95	177354	25.1	
S 123 Total BTEX	1				0		146.7	
S 124 Xylenes, Total	1				0		73.8	
S 125 1,2-Dichloroethene, Total	1				0		48.7	
S 126 1,3-Dichloropropene, Total	1				0		51.6	

QC Flag Legend

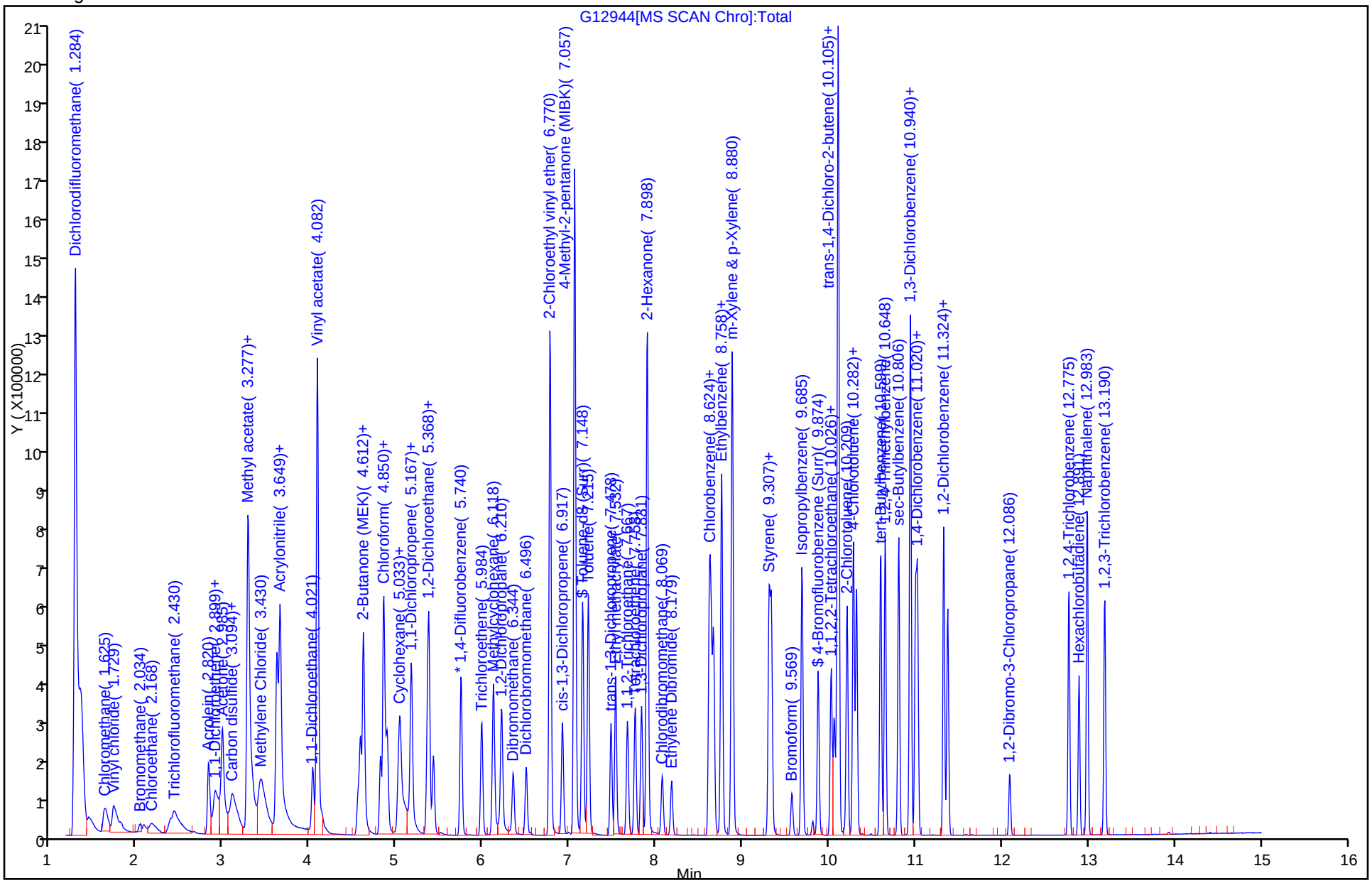
Review Flags
M - Manually Integrated

Report Date: 11-Jul-2012 13:22:08 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12944.D

Injection Date:	11-Jul-2012 12:53:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	2
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



Report Date: 11-Jul-2012 13:22:08 Chrom Revision: 2.0 20-Feb-2012 13:27:02

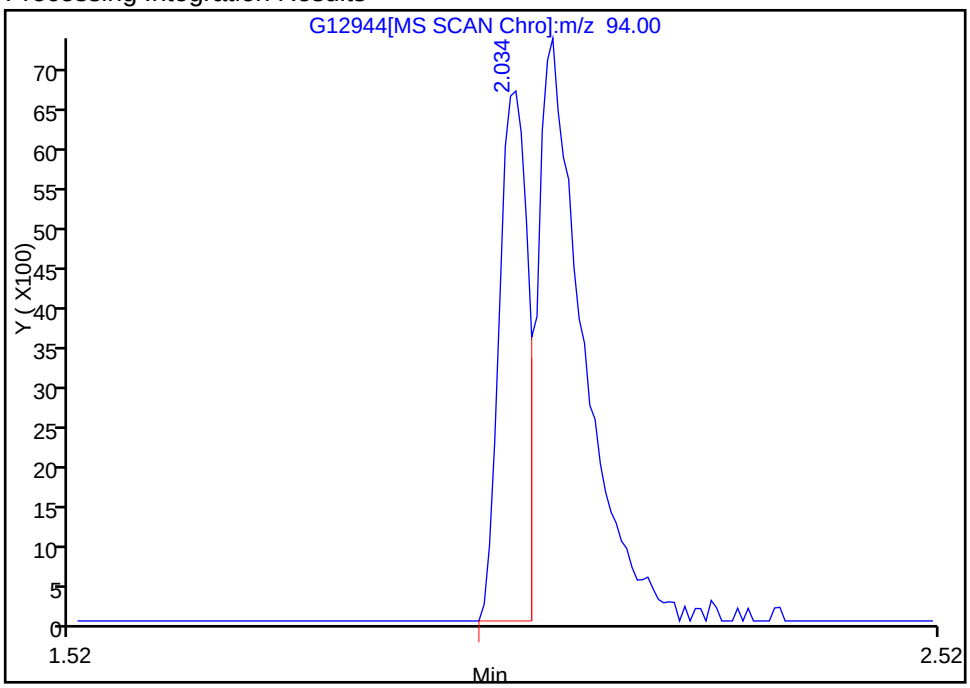
Manual Integration/User Assign Peak Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12944.D		
Injection Date:	11-Jul-2012 12:53:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	2
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

14 Bromomethane, Signal: 1, m/z: 94.0 Type: quant, RT: 2.08

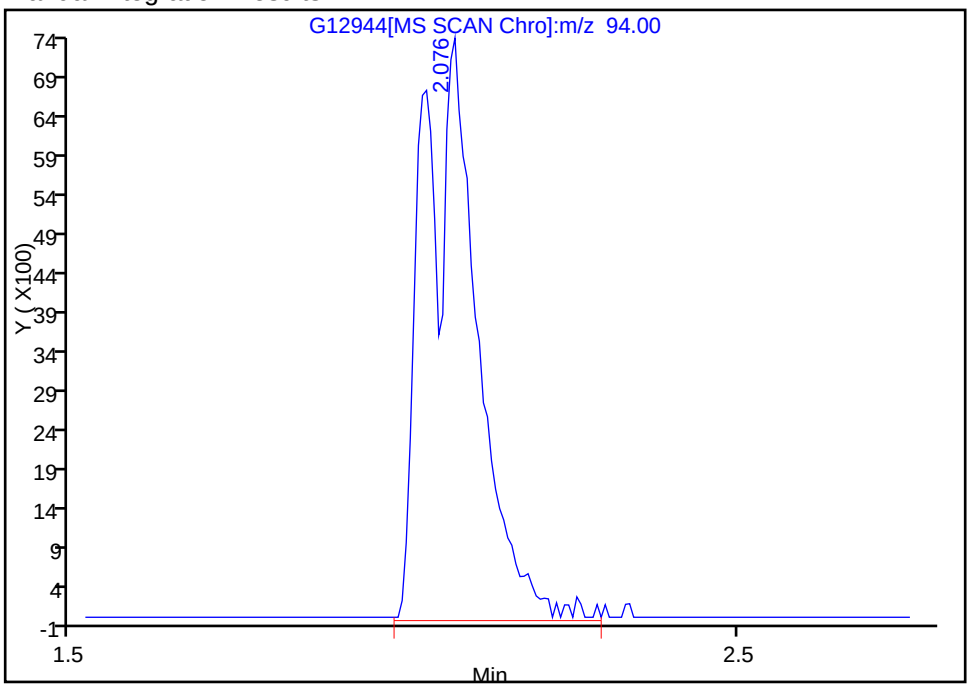
Processing Integration Results

RT: 2.03
Response: 15125
Amount: 10.940697



Manual Integration Results

RT: 2.08
Response: 42163
Amount: 30.498686



Reviewer: HillL, 11-Jul-2012 13:22:08
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab Sample ID: CCVIS 480-71650/2 Calibration Date: 07/09/2012 22:13

Instrument ID: HP5973N Calib Start Date: 07/02/2012 16:14

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2012 18:13

Lab File ID: N8734.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	0.2954	0.2707		22.9	25.0	-8.4	50.0
Chloromethane	Ave	0.7508	0.6622	0.1000	22.1	25.0	-11.8	50.0
Vinyl chloride	Ave	0.4411	0.3979		22.6	25.0	-9.8	20.0
Bromomethane	Lin1		0.1179		22.9	25.0	-8.4	50.0
Chloroethane	Ave	0.2151	0.1988		23.1	25.0	-7.6	50.0
Trichlorofluoromethane	Ave	0.3629	0.3408		23.5	25.0	-6.1	50.0
Acrolein	Qua		0.0241		843	500	68.6*	50.0
1,1-Dichloroethene	Ave	0.2696	0.2495	0.1000	23.1	25.0	-7.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2180	0.1746		20.0	25.0	-19.9	50.0
Acetone	Ave	0.2152	0.2232		130	125	3.7	50.0
Iodomethane	Ave	0.3579	0.2977		20.8	25.0	-16.8	50.0
Carbon disulfide	Ave	0.8891	0.6544		18.4	25.0	-26.4	50.0
Acetonitrile	Ave	0.0461	0.0551		1200	1000	19.6	50.0
Methyl acetate	Ave	0.8837	0.7635		21.6	25.0	-13.6	50.0
Methylene Chloride	Ave	0.3956	0.3487		22.0	25.0	-11.8	50.0
Methyl tert-butyl ether	Ave	1.234	0.9868		20.0	25.0	-20.0	50.0
trans-1,2-Dichloroethene	Ave	0.3898	0.3434		22.0	25.0	-11.9	50.0
Acrylonitrile	Ave	0.2430	0.2228		115	125	-8.3	50.0
1,1-Dichloroethane	Ave	0.8373	0.7213		21.5	25.0	-13.8	50.0
Vinyl acetate	Ave	1.225	1.097		112	125	-10.5	50.0
2,2-Dichloropropane	Ave	0.3428	0.2605		19.0	25.0	-24.0	50.0
cis-1,2-Dichloroethene	Ave	0.4187	0.3707		22.1	25.0	-11.5	50.0
2-Butanone (MEK)	Ave	0.3253	0.3044		117	125	-6.4	50.0
Bromochloromethane	Ave	0.1887	0.1735		23.0	25.0	-8.0	50.0
Tetrahydrofuran	Ave	0.2312	0.2147		116	125	-7.2	50.0
Chloroform	Ave	0.6276	0.5598		22.3	25.0	-10.8	20.0
1,1,1-Trichloroethane	Ave	0.4840	0.4266		22.0	25.0	-11.8	50.0
Cyclohexane	Ave	0.9624	0.7368		19.1	25.0	-23.4	50.0
Carbon tetrachloride	Ave	0.3664	0.3310		22.6	25.0	-9.7	50.0
1,1-Dichloropropene	Ave	0.4785	0.4321		22.6	25.0	-9.7	50.0
Benzene	Ave	1.339	1.260		23.5	25.0	-5.9	50.0
1,2-Dichloroethane	Ave	0.5968	0.5645		23.6	25.0	-5.4	50.0
Trichloroethene	Ave	0.3290	0.3154		24.0	25.0	-4.1	50.0
Methylcyclohexane	Ave	0.5968	0.4835		20.3	25.0	-19.0	50.0
1,2-Dichloropropane	Ave	0.3667	0.3496		23.8	25.0	-4.7	20.0
Dibromomethane	Ave	0.1945	0.1935		24.9	25.0	-0.5	50.0
Bromodichloromethane	Ave	0.3316	0.3276		24.7	25.0	-1.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2125	0.2038		120	125	-4.1	50.0
cis-1,3-Dichloropropene	Ave	0.3938	0.4004		25.4	25.0	1.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7253	0.6842		118	125	-5.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab Sample ID: CCVIS 480-71650/2 Calibration Date: 07/09/2012 22:13

Instrument ID: HP5973N Calib Start Date: 07/02/2012 16:14

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 07/02/2012 18:13

Lab File ID: N8734.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
Toluene	Ave	0.8534	0.8790		25.8	25.0	3.0	20.0
trans-1,3-Dichloropropene	Ave	0.3742	0.3878		25.9	25.0	3.6	50.0
Ethyl methacrylate	Ave	0.4146	0.3706		22.3	25.0	-10.6	50.0
1,1,2-Trichloroethane	Ave	0.2243	0.2323		25.9	25.0	3.5	50.0
Tetrachloroethene	Ave	0.3652	0.3674		25.2	25.0	0.6	50.0
1,3-Dichloropropane	Ave	0.4695	0.4834		25.7	25.0	3.0	50.0
2-Hexanone	Ave	0.4890	0.4347		111	125	-11.1	50.0
Dibromochloromethane	Lin1		0.2316		21.3	25.0	-14.8	50.0
1,2-Dibromoethane	Ave	0.2799	0.2843		25.4	25.0	1.6	50.0
Chlorobenzene	Ave	1.015	0.9642	0.3000	23.7	25.0	-5.0	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3089	0.2867		23.2	25.0	-7.2	50.0
Ethylbenzene	Ave	1.738	1.647		23.7	25.0	-5.3	20.0
m,p-Xylene	Ave	0.6689	0.6267		46.8	50.0	-6.3	50.0
o-Xylene	Ave	0.6700	0.6126		22.9	25.0	-8.6	50.0
Styrene	Ave	1.042	0.9557		22.9	25.0	-8.3	50.0
Bromoform	Lin		0.1231	0.1000	19.0	25.0	-24.0	50.0
Isopropylbenzene	Ave	3.034	2.966		24.4	25.0	-2.3	50.0
Bromobenzene	Ave	0.7865	0.7253		23.1	25.0	-7.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7728	0.7303	0.3000	23.6	25.0	-5.5	50.0
1,2,3-Trichloropropane	Ave	0.2265	0.2272		25.1	25.0	0.3	50.0
N-Propylbenzene	Ave	3.797	3.697		24.3	25.0	-2.6	50.0
trans-1,4-Dichloro-2-butene	Lin		0.2967		122	125	-2.6	50.0
2-Chlorotoluene	Ave	0.7508	0.7209		24.0	25.0	-4.0	50.0
1,3,5-Trimethylbenzene	Ave	2.561	2.516		24.6	25.0	-1.7	50.0
4-Chlorotoluene	Ave	2.742	2.588		23.6	25.0	-5.6	50.0
tert-Butylbenzene	Ave	0.5873	0.5727		24.4	25.0	-2.5	50.0
1,2,4-Trimethylbenzene	Ave	2.611	2.545		24.4	25.0	-2.5	50.0
sec-Butylbenzene	Ave	3.298	3.219		24.4	25.0	-2.4	50.0
1,3-Dichlorobenzene	Ave	1.574	1.482		23.5	25.0	-5.8	50.0
4-Isopropyltoluene	Ave	2.817	2.781		24.7	25.0	-1.3	50.0
1,4-Dichlorobenzene	Ave	1.617	1.542		23.8	25.0	-4.6	50.0
n-Butylbenzene	Ave	2.550	2.575		25.2	25.0	1.0	50.0
1,2-Dichlorobenzene	Ave	1.460	1.403		24.0	25.0	-3.9	50.0
1,2-Dibromo-3-Chloropropane	Lin1		0.0978		21.2	25.0	-15.2	50.0
1,2,4-Trichlorobenzene	Ave	0.8322	0.7595		22.8	25.0	-8.7	50.0
Hexachlorobutadiene	Ave	0.4178	0.3920		23.5	25.0	-6.2	50.0
Naphthalene	Ave	1.979	1.833		23.2	25.0	-7.4	50.0
1,2,3-Trichlorobenzene	Ave	0.7033	0.6284		22.3	25.0	-10.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.5288	0.4546		21.5	25.0	-14.0	50.0
Toluene-d8 (Surr)	Ave	1.367	1.324		24.2	25.0	-3.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.5082	0.4038		19.9	25.0	-20.6	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8734.D
Lims ID: CCVIS Client ID:
Inject. Date: 09-Jul-2012 22:13:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: CCVIS
Misc. Info.: 480-0013251-002
Operator: RAL Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 35
Lims Batch ID: 71650 Lims Sample ID: 2
Sublist: chrom-N-8260*sub7
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N-8260.m
Last Update: 09-Jul-2012 22:39:11 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 09-Jul-2012 22:39:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	94	784272	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	91	689285	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.756	9.756	0.0	90	382294	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	94	356543	21.5	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	84	912588	24.2	
$ 7 4-Bromofluorobenzene (Surr)	174	8.534	8.534	0.0	86	278317	19.9	
11 Dichlorodifluoromethane	85	0.935	0.935	0.0	85	212325	22.9	
13 Chloromethane	50	1.027	1.027	0.0	100	519360	22.1	
14 Vinyl chloride	62	1.106	1.106	0.0	98	312069	22.6	
15 Bromomethane	94	1.288	1.288	0.0	91	92442	22.9	
16 Chloroethane	64	1.349	1.349	0.0	90	155888	23.1	
18 Trichlorofluoromethane	101	1.483	1.483	0.0	92	267303	23.5	
20 Acrolein	56	1.830	1.830	0.0	95	378653	843.1	
22 1,1-Dichloroethene	96	1.860	1.860	0.0	90	195651	23.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.878	0.0	88	136938	20.0	
23 Acetone	43	1.963	1.963	0.0	94	875233	129.7	
24 Iodomethane	142	1.982	1.982	0.0	99	233475	20.8	
25 Carbon disulfide	76	2.012	2.012	0.0	99	513205	18.4	
29 Acetonitrile	40	2.213	2.213	0.0	100	1728022	1195.7	
28 Methyl acetate	43	2.219	2.219	0.0	96	598805	21.6	
30 Methylene Chloride	84	2.292	2.292	0.0	76	273497	22.0	
32 Methyl tert-butyl ether	73	2.493	2.493	0.0	83	773921	20.0	
33 trans-1,2-Dichloroethene	96	2.493	2.493	0.0	89	269299	22.0	
34 Acrylonitrile	53	2.541	2.541	0.0	95	873841	114.7	
36 1,1-Dichloroethane	63	2.864	2.864	0.0	86	565709	21.5	
39 Vinyl acetate	43	2.931	2.931	0.0	97	4302176	111.9	
42 2,2-Dichloropropane	77	3.344	3.344	0.0	77	204334	19.0	
43 cis-1,2-Dichloroethene	96	3.381	3.381	0.0	89	290754	22.1	
44 2-Butanone (MEK)	43	3.430	3.430	0.0	94	1193742	117.0	
47 Chlorobromomethane	128	3.594	3.594	0.0	81	136057	23.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.630	3.630	0.0	90	841717	116.1	
50 Chloroform	83	3.679	3.679	0.0	92	439049	22.3	
51 1,1,1-Trichloroethane	97	3.776	3.776	0.0	90	334580	22.0	
52 Cyclohexane	56	3.788	3.788	0.0	95	577812	19.1	
53 Carbon tetrachloride	117	3.910	3.910	0.0	85	259575	22.6	
54 1,1-Dichloropropene	75	3.928	3.928	0.0	81	338878	22.6	
55 Benzene	78	4.111	4.111	0.0	93	988266	23.5	
57 1,2-Dichloroethane	62	4.178	4.178	0.0	94	442753	23.6	
60 Trichloroethene	95	4.707	4.707	0.0	92	247386	24.0	
62 Methylcyclohexane	83	4.823	4.823	0.0	92	379170	20.3	
63 1,2-Dichloropropane	63	4.932	4.932	0.0	82	274195	23.8	
64 Dibromomethane	93	5.060	5.060	0.0	87	151770	24.9	
67 Dichlorobromomethane	83	5.230	5.230	0.0	90	256890	24.7	
69 2-Chloroethyl vinyl ether	63	5.522	5.522	0.0	82	799144	119.9	
71 cis-1,3-Dichloropropene	75	5.638	5.638	0.0	77	313985	25.4	
72 4-Methyl-2-pentanone (MIBK)	43	5.796	5.796	0.0	97	2358086	117.9	
73 Toluene	92	5.912	5.912	0.0	90	605877	25.8	
75 trans-1,3-Dichloropropene	75	6.198	6.198	0.0	88	267300	25.9	
77 Ethyl methacrylate	69	6.283	6.283	0.0	85	255426	22.3	
78 1,1,2-Trichloroethane	83	6.380	6.380	0.0	96	160103	25.9	
79 Tetrachloroethene	166	6.429	6.429	0.0	91	253265	25.2	
80 1,3-Dichloropropane	76	6.526	6.526	0.0	85	333216	25.7	
82 2-Hexanone	43	6.630	6.630	0.0	96	1498006	111.1	
83 Chlorodibromomethane	129	6.757	6.757	0.0	88	159625	21.3	
84 Ethylene Dibromide	107	6.836	6.836	0.0	98	195940	25.4	
85 Chlorobenzene	112	7.317	7.317	0.0	88	664577	23.7	
89 1,1,1,2-Tetrachloroethane	131	7.426	7.426	0.0	87	197625	23.2	
88 Ethylbenzene	91	7.426	7.426	0.0	98	1134959	23.7	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	97	863906	46.8	
91 o-Xylene	106	7.962	7.962	0.0	97	422271	22.9	
92 Styrene	104	7.992	7.992	0.0	92	658755	22.9	
93 Bromoform	173	8.217	8.217	0.0	93	84880	19.0	
95 Isopropylbenzene	105	8.351	8.351	0.0	97	1133751	24.4	
97 Bromobenzene	156	8.674	8.674	0.0	87	277286	23.1	
98 1,1,2,2-Tetrachloroethane	83	8.771	8.771	0.0	95	279169	23.6	
99 1,2,3-Trichloropropane	110	8.783	8.783	0.0	76	86842	25.1	
100 N-Propylbenzene	91	8.789	8.789	0.0	96	1413284	24.3	
101 trans-1,4-Dichloro-2-butene	53	8.820	8.820	0.0	76	567097	121.7	
102 2-Chlorotoluene	126	8.880	8.880	0.0	95	275604	24.0	
104 1,3,5-Trimethylbenzene	105	8.990	8.990	0.0	86	961789	24.6	
105 4-Chlorotoluene	91	9.002	9.002	0.0	98	989325	23.6	
106 tert-Butylbenzene	134	9.331	9.331	0.0	93	218926	24.4	
108 1,2,4-Trimethylbenzene	105	9.391	9.391	0.0	92	972895	24.4	
109 sec-Butylbenzene	105	9.562	9.562	0.0	96	1230658	24.4	
110 1,3-Dichlorobenzene	146	9.683	9.683	0.0	97	566601	23.5	
111 4-Isopropyltoluene	119	9.726	9.726	0.0	87	1062995	24.7	
113 1,4-Dichlorobenzene	146	9.781	9.781	0.0	90	589588	23.8	
115 n-Butylbenzene	91	10.134	10.134	0.0	95	984442	25.2	
116 1,2-Dichlorobenzene	146	10.146	10.146	0.0	94	536361	24.0	
117 1,2-Dibromo-3-Chloropropane	75	10.912	10.912	0.0	62	37388	21.2	
119 1,2,4-Trichlorobenzene	180	11.618	11.618	0.0	91	290359	22.8	
120 Hexachlorobutadiene	225	11.752	11.752	0.0	94	149870	23.5	

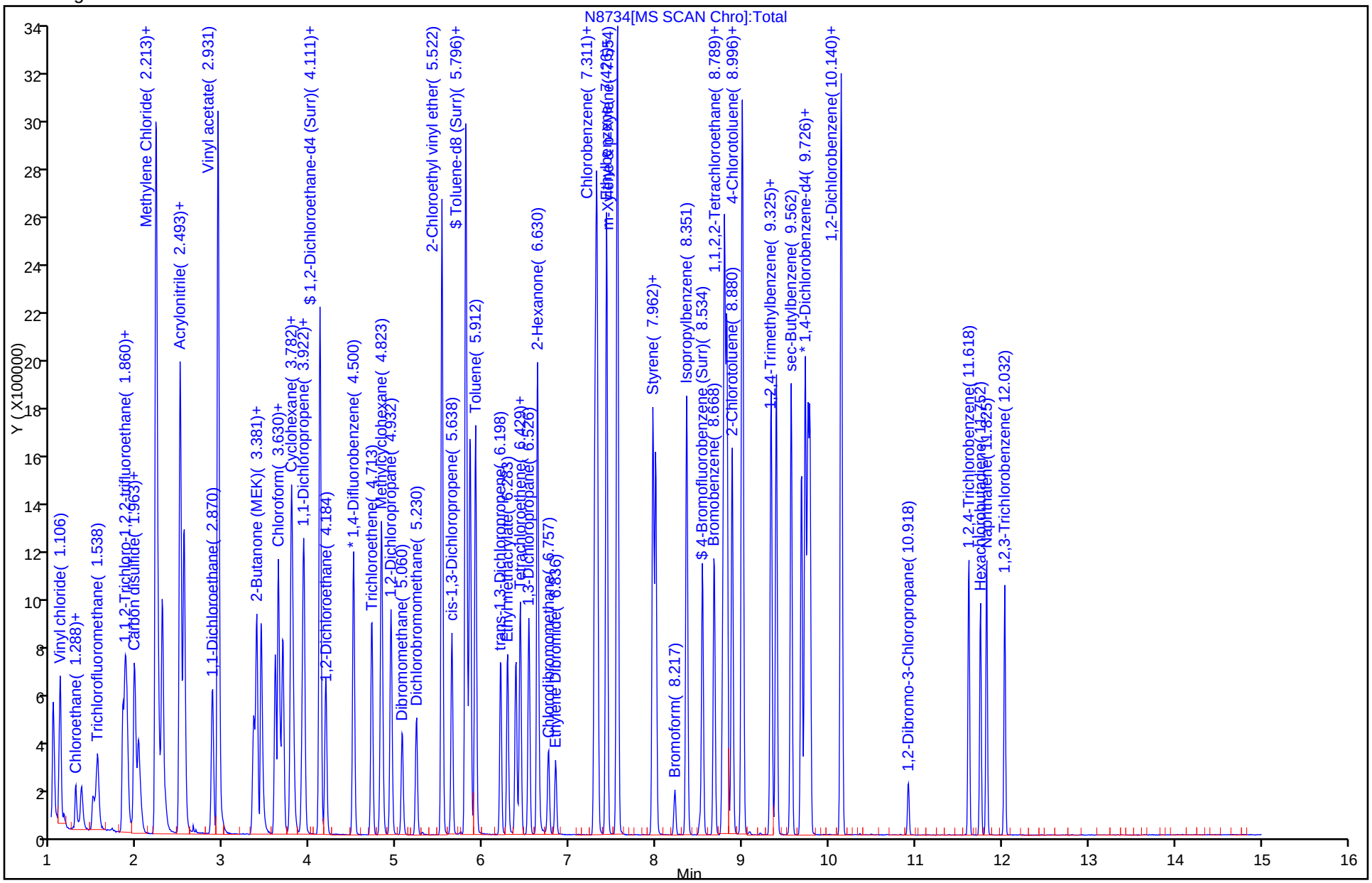
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.825	11.825	0.0	97	700608	23.2	
122 1,2,3-Trichlorobenzene	180	12.032	12.032	0.0	95	240232	22.3	
S 125 Total BTEX	1				0		142.7	
S 126 Xylenes, Total	1				0		69.7	
S 123 1,3-Dichloropropene, Total	1				0		51.3	
S 124 1,2-Dichloroethene, Total	1				0		44.2	

Report Date: 09-Jul-2012 22:39:11 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8734.D

Injection Date:	09-Jul-2012 22:13:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	71650	Lims Sample ID:	2
Operator ID:	RAL		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab Sample ID: CCVIS 480-71523/2 Calibration Date: 07/09/2012 09:47

Instrument ID: HP5973Q Calib Start Date: 06/05/2012 12:35

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/05/2012 14:56

Lab File ID: Q1689.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	0.2827	0.3216		28.4	25.0	13.7	50.0
Chloromethane	Ave	0.3254	0.2842	0.1000	21.8	25.0	-12.7	50.0
Vinyl chloride	Ave	0.4692	0.4099		21.8	25.0	-12.6	20.0
Bromomethane	Lin1		0.1670		14.8	25.0	-40.8	50.0
Chloroethane	Ave	0.1748	0.1780		25.5	25.0	1.8	50.0
Trichlorofluoromethane	Ave	0.5129	0.5047		24.6	25.0	-1.6	50.0
Acrolein	Lin		0.0146		630	500	26.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		0.2791		24.9	25.0	-0.4	50.0
1,1-Dichloroethene	Ave	0.2693	0.2889	0.1000	26.8	25.0	7.3	20.0
Acetone	Ave	0.0860	0.0679		98.7	125	-21.0	50.0
Iodomethane	Lin1		0.2221		18.9	25.0	-24.4	50.0
Carbon disulfide	Lin1		0.9051		25.4	25.0	1.6	50.0
Acetonitrile	Ave	0.0184	0.0162		880	1000	-12.0	50.0
Methyl acetate	Ave	0.2840	0.2468		21.7	25.0	-13.1	50.0
Methylene Chloride	Ave	0.3385	0.3500		25.8	25.0	3.4	50.0
Methyl tert-butyl ether	Ave	1.046	0.9764		23.3	25.0	-6.6	50.0
trans-1,2-Dichloroethene	Ave	0.3241	0.3248		25.1	25.0	0.2	50.0
Acrylonitrile	Ave	0.1014	0.0830		102	125	-18.2	50.0
1,1-Dichloroethane	Ave	0.5270	0.5263		25.0	25.0	-0.1	50.0
Vinyl acetate	Lin1		0.4897		107	125	-14.2	50.0
2,2-Dichloropropane	Lin1		0.4873		25.3	25.0	1.2	50.0
cis-1,2-Dichloroethene	Ave	0.3586	0.3610		25.2	25.0	0.7	50.0
2-Butanone (MEK)	Ave	0.1316	0.1019		96.8	125	-22.6	50.0
Bromochloromethane	Ave	0.1653	0.1633		24.7	25.0	-1.2	50.0
Tetrahydrofuran	Ave	0.0885	0.0684		96.7	125	-22.7	50.0
Chloroform	Ave	0.5550	0.5713		25.7	25.0	2.9	20.0
1,1,1-Trichloroethane	Lin1		0.4941		25.0	25.0	0.0	50.0
Cyclohexane	Ave	0.4018	0.4050		25.2	25.0	0.8	50.0
1,1-Dichloropropene	Ave	0.4359	0.4117		23.6	25.0	-5.6	50.0
Carbon tetrachloride	Lin		0.3714		24.6	25.0	-1.6	50.0
Benzene	Ave	1.304	1.290		24.7	25.0	-1.1	50.0
1,2-Dichloroethane	Ave	0.4256	0.4158		24.4	25.0	-2.3	50.0
Trichloroethene	Ave	0.3265	0.3546		27.2	25.0	8.6	50.0
Methylcyclohexane	Lin1		0.5119		23.4	25.0	-6.4	50.0
1,2-Dichloropropane	Ave	0.3042	0.3339		27.4	25.0	9.8	20.0
Dibromomethane	Ave	0.2187	0.2274		26.0	25.0	4.0	50.0
Bromodichloromethane	Lin1		0.4770		27.4	25.0	9.6	50.0
2-Chloroethyl vinyl ether	Ave	0.2435	0.1619		83.1	125	-33.5	50.0
cis-1,3-Dichloropropene	Lin1		0.5752		26.1	25.0	4.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6091	0.4604		94.5	125	-24.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Lab Sample ID: CCVIS 480-71523/2 Calibration Date: 07/09/2012 09:47

Instrument ID: HP5973Q Calib Start Date: 06/05/2012 12:35

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 06/05/2012 14:56

Lab File ID: Q1689.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
Toluene	Ave	1.709	1.657		24.2	25.0	-3.0	20.0
trans-1,3-Dichloropropene	Lin1		0.9729		22.8	25.0	-8.8	50.0
Ethyl methacrylate	Lin1		0.8739		21.2	25.0	-15.2	50.0
1,1,2-Trichloroethane	Ave	0.5429	0.4943		22.8	25.0	-9.0	50.0
Tetrachloroethene	Ave	0.6902	0.7279		26.4	25.0	5.5	50.0
1,3-Dichloropropane	Ave	1.163	1.034		22.2	25.0	-11.1	50.0
2-Hexanone	Ave	0.4192	0.3230		96.3	125	-23.0	50.0
Dibromochloromethane	Lin1		0.6578		24.2	25.0	-3.2	50.0
1,2-Dibromoethane	Ave	0.6604	0.6025		22.8	25.0	-8.8	50.0
Chlorobenzene	Ave	1.902	1.840	0.3000	24.2	25.0	-3.2	50.0
1,1,1,2-Tetrachloroethane	Lin		0.6399		23.6	25.0	-5.6	50.0
Ethylbenzene	Ave	3.283	3.193		24.3	25.0	-2.8	20.0
m,p-Xylene	Ave	1.324	1.226		46.3	50.0	-7.4	50.0
o-Xylene	Ave	1.262	1.177		23.3	25.0	-6.8	50.0
Styrene	Lin1		1.944		21.5	25.0	-14.0	50.0
Bromoform	Lin		0.4313	0.1000	24.4	25.0	-2.4	50.0
Isopropylbenzene	Ave	3.220	3.315		25.7	25.0	2.9	50.0
Bromobenzene	Ave	0.8417	0.8505		25.3	25.0	1.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9127	0.7845	0.3000	21.5	25.0	-14.0	50.0
1,2,3-Trichloropropane	Ave	0.2989	0.2180		18.2	25.0	-27.1	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.1803		98.2	125	-21.4	50.0
N-Propylbenzene	Ave	4.070	3.764		23.1	25.0	-7.5	50.0
2-Chlorotoluene	Ave	0.7363	0.6773		23.0	25.0	-8.0	50.0
1,3,5-Trimethylbenzene	Ave	2.575	2.431		23.6	25.0	-5.6	50.0
4-Chlorotoluene	Ave	0.7876	0.7341		23.3	25.0	-6.8	50.0
tert-Butylbenzene	Ave	0.5862	0.5575		23.8	25.0	-4.9	50.0
1,2,4-Trimethylbenzene	Ave	2.636	2.590		24.6	25.0	-1.8	50.0
sec-Butylbenzene	Ave	3.269	3.067		23.5	25.0	-6.2	50.0
1,3-Dichlorobenzene	Ave	1.603	1.492		23.3	25.0	-6.9	50.0
4-Isopropyltoluene	Lin1		2.627		20.3	25.0	-18.8	50.0
1,4-Dichlorobenzene	Ave	1.546	1.533		24.8	25.0	-0.8	50.0
n-Butylbenzene	Ave	2.440	2.506		25.7	25.0	2.7	50.0
1,2-Dichlorobenzene	Ave	1.438	1.392		24.2	25.0	-3.2	50.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1136		19.2	25.0	-23.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9235	0.7482		20.3	25.0	-19.0	50.0
Hexachlorobutadiene	Ave	0.3342	0.2926		21.9	25.0	-12.5	50.0
Naphthalene	Ave	2.006	1.395		17.4	25.0	-30.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6782	0.5289		19.5	25.0	-22.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1837	0.1643		22.4	25.0	-10.5	50.0
Toluene-d8 (Surr)	Ave	2.500	2.304		23.0	25.0	-7.8	50.0
4-Bromofluorobenzene (Surr)	Ave	0.7743	0.7622		24.6	25.0	-1.6	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1689.D
Lims ID: CCVIS Client ID:
Inject. Date: 09-Jul-2012 09:47:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: CCVIS
Misc. Info.: 480-0013225-002
Operator: TRB Instrument ID: HP5973Q
Vol. Injected: 1.0000 ALS Bottle#: 2
Lims Batch ID: 71523 Lims Sample ID: 2
Sublist: chrom-Q-8260*sub1
Detector: MS SCAN

Method: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m
Last Update: 09-Jul-2012 10:18:35 Calib Date: 05-Jun-2012 14:56:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: BrandtT Date: 09-Jul-2012 10:18:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.004	5.004	0.0	94	857267	25.0	
* 2 Chlorobenzene-d5	82	7.194	7.194	0.0	84	461272	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.056	9.056	0.0	74	415659	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.694	4.694	0.0	92	140847	22.4	
$ 5 Toluene-d8 (Surr)	98	6.087	6.087	0.0	90	1062822	23.0	
$ 6 4-Bromofluorobenzene (Surr)	174	8.125	8.125	0.0	93	351569	24.6	
10 Dichlorodifluoromethane	85	1.348	1.348	0.0	87	275655	28.4	
12 Chloromethane	50	1.500	1.500	0.0	88	243653	21.8	
13 Vinyl chloride	62	1.591	1.591	0.0	82	351396	21.8	
14 Bromomethane	94	1.865	1.865	0.0	91	143138	14.8	
15 Chloroethane	64	1.944	1.944	0.0	94	152590	25.5	
17 Trichlorofluoromethane	101	2.181	2.181	0.0	84	432632	24.6	
20 Acrolein	56	2.601	2.601	0.0	95	250594	630.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.644	2.644	0.0	83	239265	24.9	
22 1,1-Dichloroethene	96	2.650	2.650	0.0	89	247632	26.8	
23 Acetone	43	2.741	2.741	0.0	100	291114	98.7	
25 Iodomethane	142	2.784	2.784	0.0	98	190375	18.9	
26 Carbon disulfide	76	2.826	2.826	0.0	99	775917	25.4	
29 Acetonitrile	40	2.984	2.984	0.0	99	555907	879.9	
27 Methyl acetate	43	3.003	3.003	0.0	93	211596	21.7	
30 Methylene Chloride	84	3.082	3.082	0.0	80	300016	25.8	
32 Methyl tert-butyl ether	73	3.289	3.289	0.0	86	837015	23.3	
34 trans-1,2-Dichloroethene	96	3.289	3.289	0.0	94	278474	25.1	
33 Acrylonitrile	53	3.301	3.301	0.0	98	355603	102.3	
39 1,1-Dichloroethane	63	3.629	3.629	0.0	94	451156	25.0	
37 Vinyl acetate	43	3.672	3.672	0.0	96	2098901	107.2	
44 2,2-Dichloropropane	77	4.067	4.067	0.0	83	417740	25.3	
45 cis-1,2-Dichloroethene	96	4.086	4.086	0.0	65	309448	25.2	
43 2-Butanone (MEK)	43	4.098	4.098	0.0	92	436672	96.8	
48 Chlorobromomethane	128	4.268	4.268	0.0	85	139970	24.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	4.298	4.298	0.0	82	293292	96.7	
50 Chloroform	83	4.329	4.329	0.0	79	489727	25.7	
51 1,1,1-Trichloroethane	97	4.438	4.438	0.0	92	423535	25.0	
52 Cyclohexane	56	4.463	4.463	0.0	85	347201	25.2	
55 Carbon tetrachloride	117	4.560	4.560	0.0	75	318362	24.6	
54 1,1-Dichloropropene	75	4.560	4.560	0.0	96	352896	23.6	
57 Benzene	78	4.718	4.718	0.0	94	1105508	24.7	
58 1,2-Dichloroethane	62	4.749	4.749	0.0	90	356441	24.4	
62 Trichloroethene	95	5.193	5.193	0.0	95	304012	27.2	
64 Methylcyclohexane	83	5.308	5.308	0.0	84	438834	23.4	
65 1,2-Dichloropropane	63	5.369	5.369	0.0	94	286277	27.4	
67 Dibromomethane	93	5.466	5.466	0.0	86	194899	26.0	
68 Dichlorobromomethane	83	5.582	5.582	0.0	93	408938	27.4	
69 2-Chloroethyl vinyl ether	63	5.789	5.789	0.0	91	693985	83.1	
72 cis-1,3-Dichloropropene	75	5.898	5.898	0.0	91	493132	26.1	
73 4-Methyl-2-pentanone (MIBK)	43	6.002	6.002	0.0	94	1061741	94.5	
74 Toluene	92	6.136	6.136	0.0	93	764461	24.2	
77 trans-1,3-Dichloropropene	75	6.318	6.318	0.0	87	448747	22.8	
75 Ethyl methacrylate	69	6.361	6.361	0.0	83	403084	21.2	
79 1,1,2-Trichloroethane	83	6.464	6.464	0.0	85	227982	22.8	
81 Tetrachloroethene	166	6.549	6.549	0.0	92	335766	26.4	
82 1,3-Dichloropropane	76	6.586	6.586	0.0	81	477032	22.2	
80 2-Hexanone	43	6.628	6.628	0.0	93	744856	96.3	
83 Chlorodibromomethane	129	6.768	6.768	0.0	89	303407	24.2	
84 Ethylene Dibromide	107	6.853	6.853	0.0	98	277918	22.8	
87 Chlorobenzene	112	7.218	7.218	0.0	86	848900	24.2	
89 1,1,1,2-Tetrachloroethane	131	7.285	7.285	0.0	89	295145	23.6	
88 Ethylbenzene	91	7.285	7.285	0.0	98	1472759	24.3	
90 m-Xylene & p-Xylene	106	7.377	7.377	0.0	98	1131097	46.3	
91 o-Xylene	106	7.693	7.693	0.0	96	542901	23.3	
92 Styrene	104	7.711	7.711	0.0	94	896938	21.5	
95 Bromoform	173	7.888	7.888	0.0	95	198936	24.4	
94 Isopropylbenzene	105	7.979	7.979	0.0	95	1377706	25.7	
101 Bromobenzene	156	8.247	8.247	0.0	92	353513	25.3	
97 1,1,2,2-Tetrachloroethane	83	8.253	8.253	0.0	80	326070	21.5	
100 1,2,3-Trichloropropane	110	8.289	8.289	0.0	73	90627	18.2	
98 trans-1,4-Dichloro-2-butene	53	8.289	8.289	0.0	87	374605	98.2	
99 N-Propylbenzene	91	8.307	8.307	0.0	98	1564674	23.1	
103 2-Chlorotoluene	126	8.393	8.393	0.0	95	281530	23.0	
102 1,3,5-Trimethylbenzene	105	8.447	8.447	0.0	73	1010653	23.6	
105 4-Chlorotoluene	126	8.484	8.484	0.0	97	305122	23.3	
106 tert-Butylbenzene	134	8.709	8.709	0.0	89	231717	23.8	
107 1,2,4-Trimethylbenzene	105	8.752	8.752	0.0	97	1076362	24.6	
109 sec-Butylbenzene	105	8.885	8.885	0.0	95	1274800	23.5	
110 4-Isopropyltoluene	119	9.007	9.007	0.0	96	1091867	20.3	
111 1,3-Dichlorobenzene	146	9.001	9.001	0.0	74	620197	23.3	
113 1,4-Dichlorobenzene	146	9.080	9.080	0.0	95	637217	24.8	
115 n-Butylbenzene	91	9.342	9.342	0.0	95	1041657	25.7	
116 1,2-Dichlorobenzene	146	9.384	9.384	0.0	96	578621	24.2	
117 1,2-Dibromo-3-Chloropropane	75	10.041	10.041	0.0	78	47222	19.2	
119 1,2,4-Trichlorobenzene	180	10.710	10.710	0.0	93	310977	20.3	
120 Hexachlorobutadiene	225	10.826	10.826	0.0	95	121609	21.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	10.911	10.911	0.0	97	579820	17.4	
122 1,2,3-Trichlorobenzene	180	11.106	11.106	0.0	94	219831	19.5	
S 123 Total BTEX	1				0		142.9	
S 124 Xylenes, Total	1				0		69.6	
S 125 1,2-Dichloroethene, Total	1				0		50.2	
S 126 1,3-Dichloropropene, Total	1				0		48.9	

Report Date: 09-Jul-2012 10:18:35 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1689.D

Injection Date: 09-Jul-2012 09:47:30 Limit Group: MV - 8260B ICAL

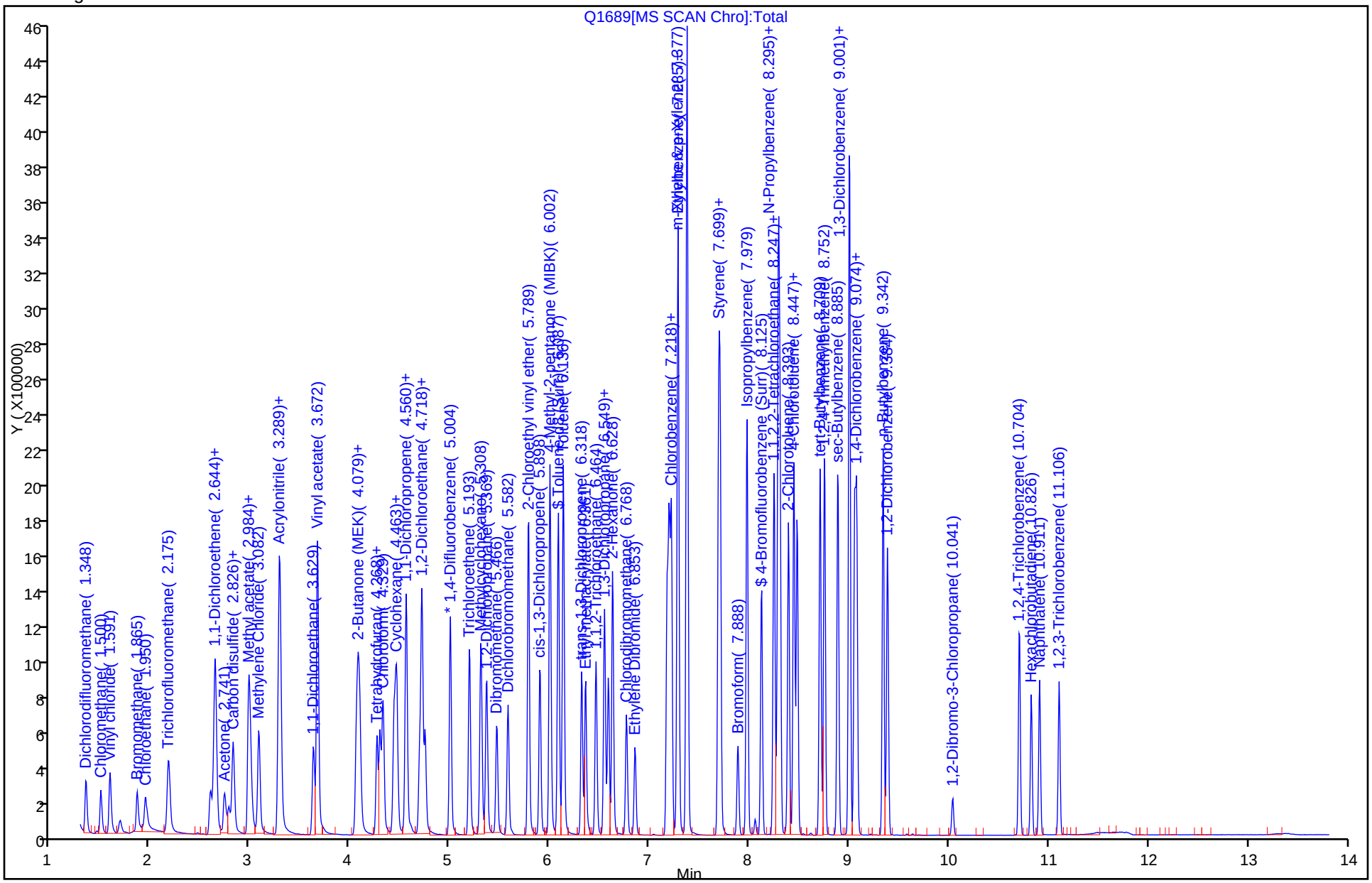
Client ID: Instrument ID: HP5973Q

Lims Batch ID: 71523 Lims Sample ID: 2

Operator ID: TRB

Column Type: ZB-624 Column Dia: 0.25 mm

Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

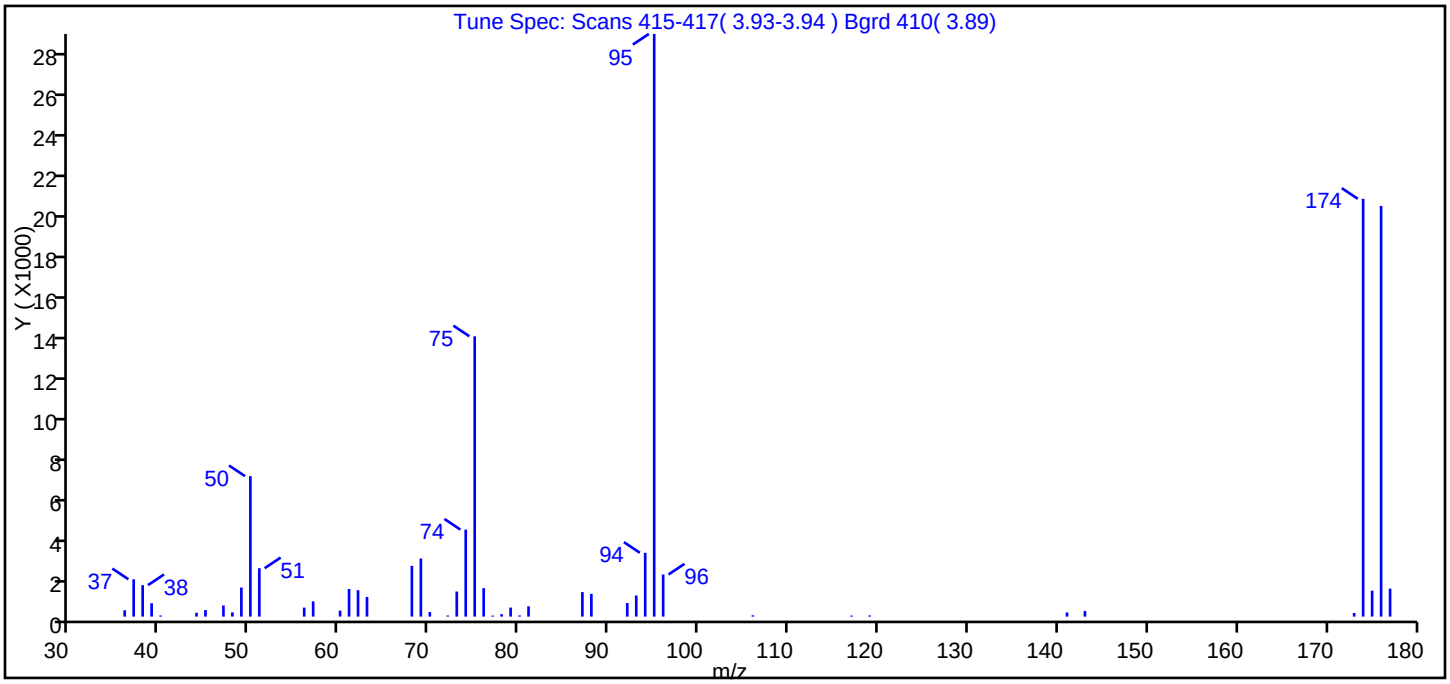
Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12858.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	09-Jul-2012 11:22:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	480-0013234-001 =480-0013234-001		
Operator:	NMD	Instrument ID:	HP5973G
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	71552	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G-8260.m		
Last Update:	09-Jul-2012 18:10:02	Calib Date:	09-Jul-2012 17:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-19		
First Level Reviewer: larsonr		Date:	09-Jul-2012 18:10:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
$ 35 BFB	95	3.931	3.931	0.0	0	47871	0	

MS Tune Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12858.D		
Injection Date:	09-Jul-2012 11:22:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71552	Lims Sample ID:	1
Operator ID:	NMD		
Column Type:	ZB-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 35 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.10
75	30.00 - 60.00% of mass 95	48.11
96	5.00 - 9.00% of mass 95	7.22
173	Less than 2.00% of mass 174	0.62 (0.86)
174	Greater than 50.00% of mass 95	71.70
175	5.00 - 9.00% of mass 174	4.44 (6.20)
176	95.00 - 101.00% of mass 174	70.48 (98.29)
177	5.00 - 9.00% of mass 176	4.81 (6.82)

Data File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12858.D\G-8260.rslt\spectra.d
Injection Date: 09-Jul-2012 11:22:30
Spectrum: Tune Spec: Scans 415-417(3.93-3.94) Bgrd 410(3.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 48

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	312	56.00	444	75.00	13843	95.00	28776
37.00	1844	57.00	751	76.00	1402	96.00	2079
38.00	1554	60.00	294	77.00	50	106.00	64
39.00	659	61.00	1364	78.00	118	117.00	50
40.00	55	62.00	1304	79.00	446	119.00	58
44.00	190	63.00	971	80.00	58	141.00	204
45.00	325	68.00	2506	81.00	506	143.00	282
47.00	549	69.00	2870	87.00	1210	173.00	178
48.00	207	70.00	223	88.00	1125	174.00	20632
49.00	1435	72.00	54	92.00	670	175.00	1279
50.00	6936	73.00	1237	93.00	1044	176.00	20280
51.00	2389	74.00	4297	94.00	3151	177.00	1383

TestAmerica Laboratories
Target Compound Quantitation Report

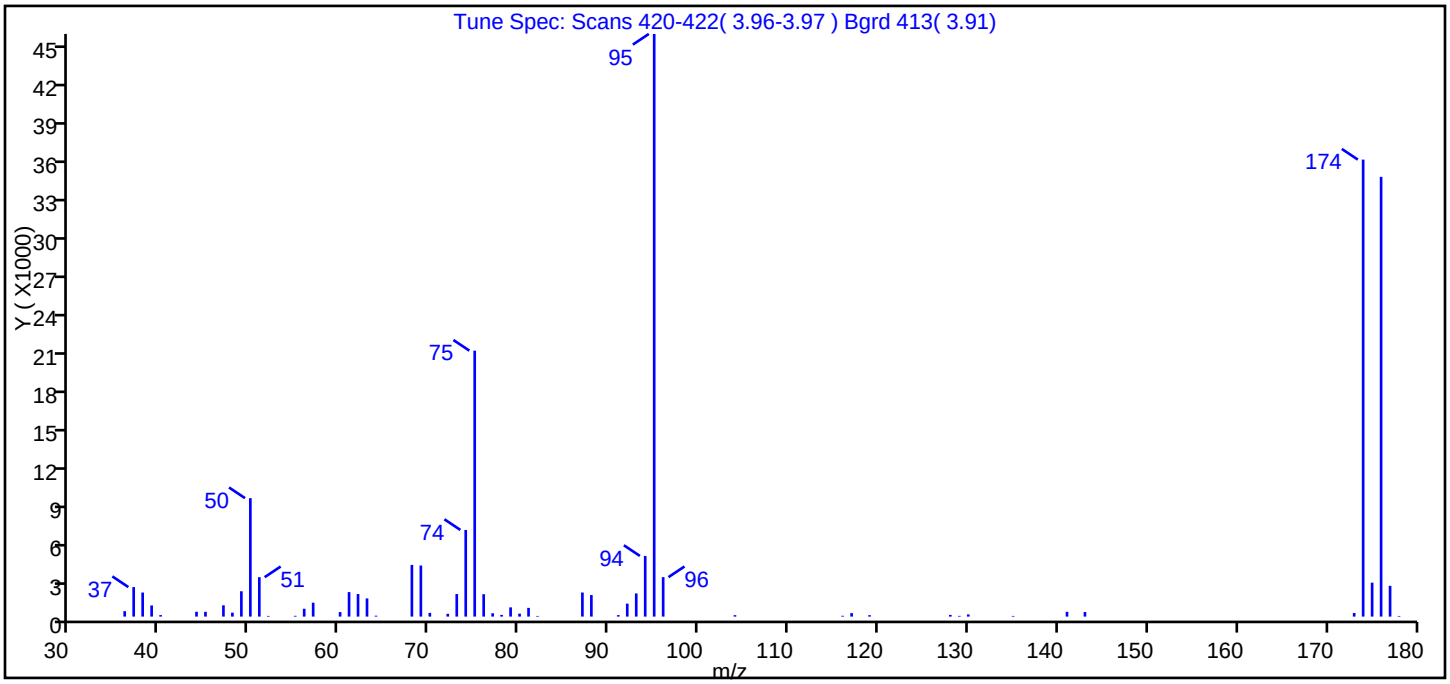
Data File:	\\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12943.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	11-Jul-2012 11:48:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	480-0013302-001 =480-0013302-001		
Operator:	LH	Instrument ID:	HP5973G
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	71947	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Bufchrom\ChromData\HP5973G\20120711-13302.b\G-8260.m		
Last Update:	11-Jul-2012 12:01:55	Calib Date:	09-Jul-2012 17:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: HillL		Date:	11-Jul-2012 12:01:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
$ 35 BFB	95	3.962	3.962	0.0	0	85553	0	

MS Tune Report

Data File:	\\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12943.D		
Injection Date:	11-Jul-2012 11:48:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	1
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 35 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.33
75	30.00 - 60.00% of mass 95	45.64
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.62 (0.79)
174	Greater than 50.00% of mass 95	78.43
175	5.00 - 9.00% of mass 174	5.82 (7.43)
176	95.00 - 101.00% of mass 174	75.47 (96.22)
177	5.00 - 9.00% of mass 176	5.28 (7.00)

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12943.D\G-8260.rslt\spectra.d
Injection Date: 11-Jul-2012 11:48:30
Spectrum: Tune Spec: Scans 420-422(3.96-3.97) Bgrd 413(3.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 59

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	426	57.00	1088	78.00	132	117.00	273
37.00	2312	60.00	355	79.00	724	119.00	111
38.00	1884	61.00	1919	80.00	231	128.00	132
39.00	873	62.00	1766	81.00	684	129.00	56
40.00	118	63.00	1423	82.00	52	130.00	169
44.00	380	64.00	72	87.00	1885	135.00	52
45.00	376	68.00	4046	88.00	1688	141.00	373
47.00	884	69.00	3999	91.00	116	143.00	358
48.00	310	70.00	290	92.00	1015	173.00	282
49.00	1985	72.00	218	93.00	1814	174.00	35784
50.00	9275	73.00	1765	94.00	4750	175.00	2657
51.00	3086	74.00	6784	95.00	45624	176.00	34432
52.00	54	75.00	20824	96.00	3090	177.00	2410
55.00	63	76.00	1753	104.00	113	178.00	50
56.00	614	77.00	260	116.00	64		

TestAmerica Laboratories
Target Compound Quantitation Report

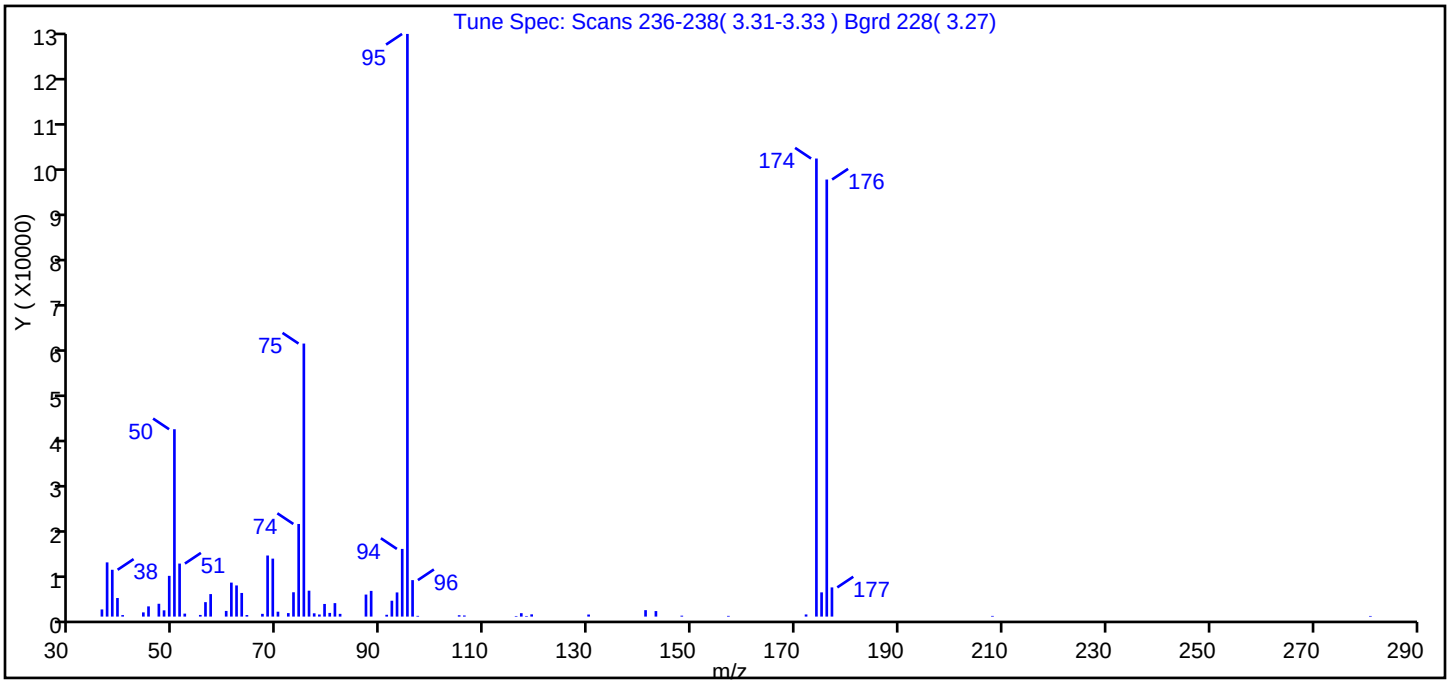
Data File:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8566.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	02-Jul-2012 15:12:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	480-0013116-001		
Operator:	LH	Instrument ID:	HP5973N
Vol. Injected:	1.0000	ALS Bottle#:	14
Lims Batch ID:	70887	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N-8260.m		
Last Update:	02-Jul-2012 15:19:55	Calib Date:	25-Jun-2012 23:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5973N\20120625-12928.b\N8467.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: HillL		Date:	02-Jul-2012 15:19:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
$ 4 BFB	95	3.321	3.321	0.0	84	325005	0	

MS Tune Report

Data File:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8566.D		
Injection Date:	02-Jul-2012 15:12:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	70887	Lims Sample ID:	1
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	32.16
75	30.00 - 60.00% of mass 95	46.86
96	5.00 - 9.00% of mass 95	6.26
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	78.62
175	5.00 - 9.00% of mass 174	4.16 (5.29)
176	95.00 - 101.00% of mass 174	75.01 (95.41)
177	5.00 - 9.00% of mass 176	5.01 (6.68)

Data File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8566.D\N-8260.rslt\spectra.d
Injection Date: 02-Jul-2012 15:12:30
Spectrum: Tune Spec: Scans 236-238(3.31-3.33) Bgrd 228(3.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1549	60.00	1227	79.00	2733	117.00	741
37.00	11725	61.00	7351	80.00	798	118.00	134
38.00	10125	62.00	6739	81.00	2913	119.00	489
39.00	4022	63.00	5114	82.00	592	130.00	448
40.00	327	64.00	334	87.00	4765	141.00	1392
44.00	912	67.00	594	88.00	5560	143.00	1194
45.00	2210	68.00	13211	91.00	396	148.00	201
47.00	2776	69.00	12537	92.00	3432	157.00	157
48.00	1355	70.00	1061	93.00	5227	172.00	468
49.00	8813	72.00	758	94.00	14636	174.00	99064
50.00	40520	73.00	5262	95.00	126008	175.00	5242
51.00	11468	74.00	20032	96.00	7888	176.00	94520
52.00	644	75.00	59048	97.00	160	177.00	6315
55.00	359	76.00	5606	105.00	291	208.00	150
56.00	3126	77.00	713	106.00	239	281.00	139
57.00	4868	78.00	455	116.00	133		

TestAmerica Laboratories
Target Compound Quantitation Report

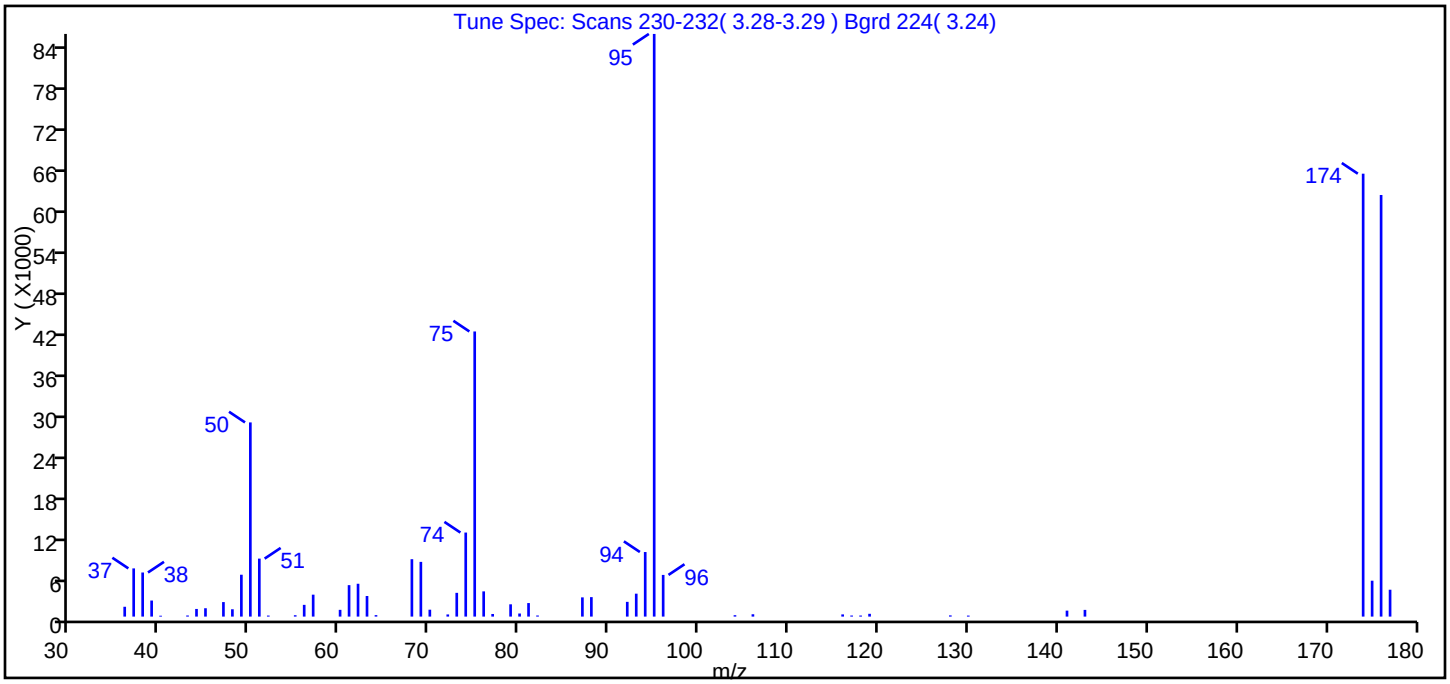
Data File:	\\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8733.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	09-Jul-2012 21:21:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	480-0013251-001		
Operator:	RAL	Instrument ID:	HP5973N
Vol. Injected:	1.0000	ALS Bottle#:	34
Lims Batch ID:	71650	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Bufchrom\ChromData\HP5973N\20120709-13251.b\N-8260.m		
Last Update:	09-Jul-2012 22:26:28	Calib Date:	02-Jul-2012 22:34:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-19		
First Level Reviewer: larsonr		Date:	09-Jul-2012 22:26:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
$ 4 BFB	95	3.284	3.284	0.0	83	169521	0	

MS Tune Report

Data File:	\\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8733.D		
Injection Date:	09-Jul-2012 21:21:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	71650	Lims Sample ID:	1
Operator ID:	RAL		
Column Type:	ZB-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	33.33
75	30.00 - 60.00% of mass 95	48.94
96	5.00 - 9.00% of mass 95	7.15
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	76.02
175	5.00 - 9.00% of mass 174	6.16 (8.10)
176	95.00 - 101.00% of mass 174	72.36 (95.19)
177	5.00 - 9.00% of mass 176	4.61 (6.37)

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8733.D\N-8260.rslt\spectra.d
Injection Date: 09-Jul-2012 21:21:30
Spectrum: Tune Spec: Scans 230-232(3.28-3.29) Bgrd 224(3.24)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1439	55.00	200	75.00	41736	104.00	205
37.00	7055	56.00	1719	76.00	3692	106.00	343
38.00	6456	57.00	3211	77.00	382	116.00	323
39.00	2351	60.00	989	79.00	1799	117.00	158
40.00	129	61.00	4603	80.00	452	118.00	156
43.00	162	62.00	4807	81.00	1981	119.00	408
44.00	1119	63.00	3015	82.00	161	128.00	175
45.00	1224	64.00	215	87.00	2814	130.00	148
47.00	2124	68.00	8401	88.00	2850	141.00	873
48.00	1074	69.00	8009	92.00	2157	143.00	982
49.00	6129	70.00	1010	93.00	3356	174.00	64832
50.00	28424	72.00	316	94.00	9452	175.00	5254
51.00	8487	73.00	3476	95.00	85288	176.00	61712
52.00	152	74.00	12302	96.00	6102	177.00	3934

TestAmerica Laboratories
Target Compound Quantitation Report

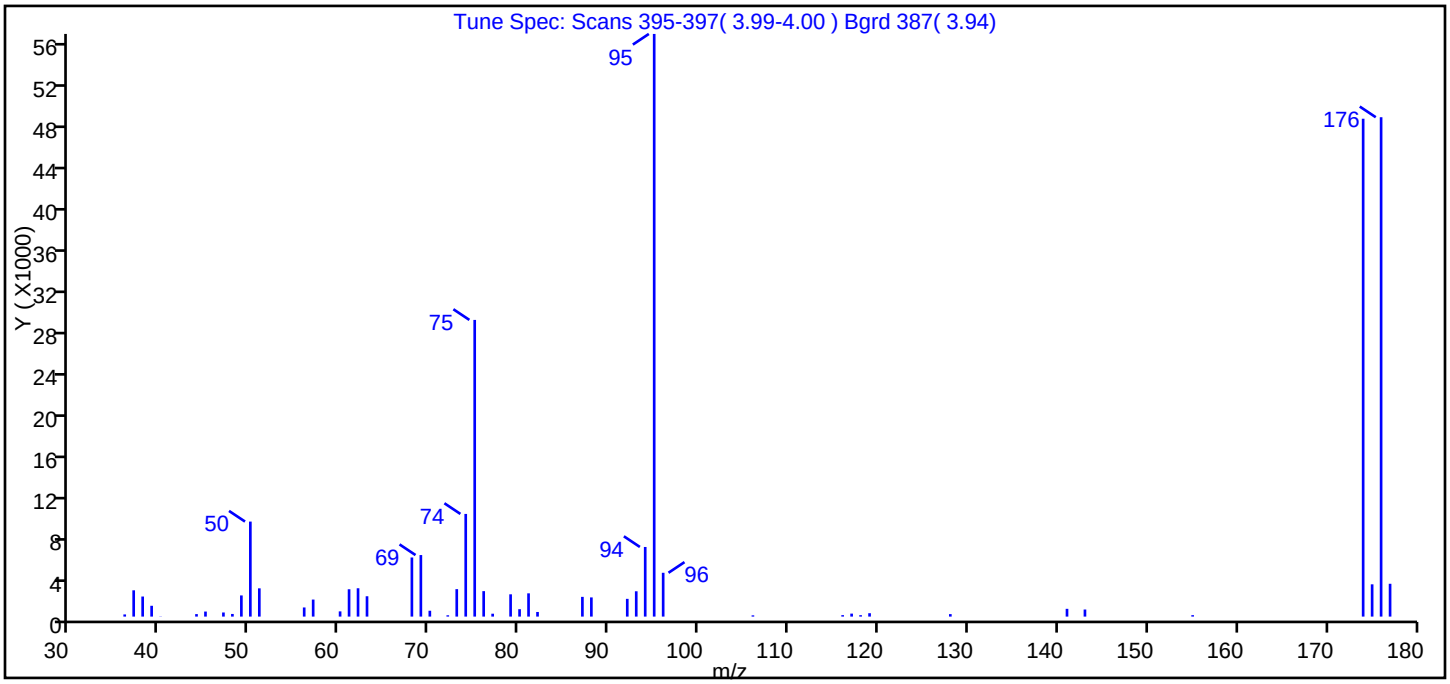
Data File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0926.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	05-Jun-2012 11:56:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	480-0012425-001		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	12
Lims Batch ID:	67116	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q-8260.m		
Last Update:	05-Jun-2012 15:20:57	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	05-Jun-2012 15:20:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
$ 61 BFB	95	3.999	3.999	0.0	0	126699	0	

MS Tune Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0926.D
Injection Date: 05-Jun-2012 11:56:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 67116 Lims Sample ID: 1
Operator ID: TRB
Column Type: ZB-624 Column Dia: 0.25 mm
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.31
75	30.00 - 60.00% of mass 95	50.92
96	5.00 - 9.00% of mass 95	7.52
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	85.45
175	5.00 - 9.00% of mass 174	5.54 (6.48)
176	95.00 - 101.00% of mass 174	85.70 (100.30)
177	5.00 - 9.00% of mass 176	5.63 (6.57)

Data File: \\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0926.D\Q-8260.rslt\spectra.d
Injection Date: 05-Jun-2012 11:56:30
Spectrum: Tune Spec: Scans 395-397(3.99-4.00) Bgrd 387(3.94)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	209	57.00	1643	77.00	279	116.00	142
37.00	2535	60.00	503	79.00	2149	117.00	288
38.00	1935	61.00	2636	80.00	715	118.00	137
39.00	1043	62.00	2733	81.00	2243	119.00	327
40.00	20	63.00	1962	82.00	446	128.00	239
44.00	241	68.00	5700	87.00	1903	141.00	749
45.00	486	69.00	5934	88.00	1850	143.00	683
47.00	397	70.00	565	92.00	1711	155.00	139
48.00	255	72.00	127	93.00	2442	174.00	48008
49.00	2041	73.00	2647	94.00	6714	175.00	3112
50.00	9162	74.00	9900	95.00	56184	176.00	48152
51.00	2725	75.00	28608	96.00	4225	177.00	3165
56.00	881	76.00	2455	106.00	120		

TestAmerica Laboratories
Target Compound Quantitation Report

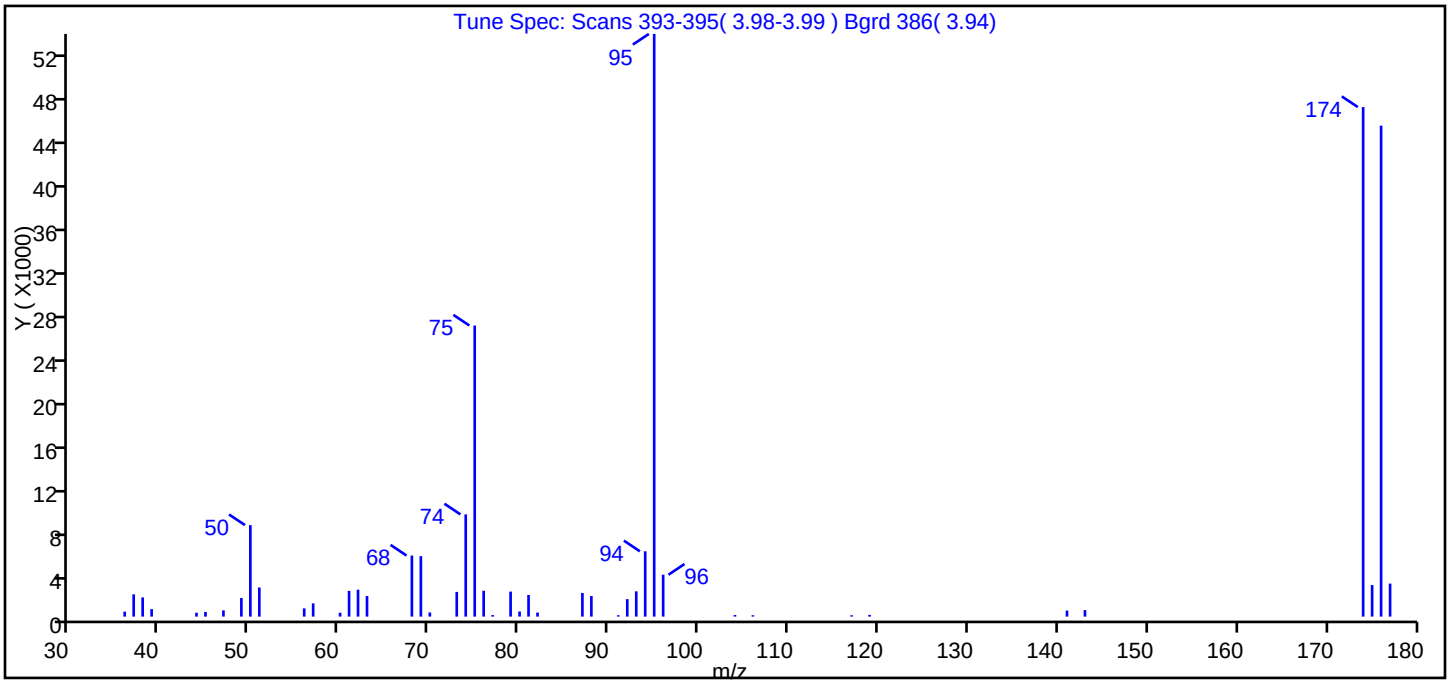
Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1688.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	09-Jul-2012 09:25:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	480-0013225-001		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	71523	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 09:34:14	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	09-Jul-2012 09:34:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
$ 61 BFB	95	3.987	3.987	0.0	0	128850	0	

MS Tune Report

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1688.D
Injection Date: 09-Jul-2012 09:25:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973Q
Lims Batch ID: 71523 Lims Sample ID: 1
Operator ID: TRB
Column Type: ZB-624 Column Dia: 0.25 mm
Tune Method: BFB Method 8260

$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.70
75	30.00 - 60.00% of mass 95	49.96
96	5.00 - 9.00% of mass 95	7.19
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	87.45
175	5.00 - 9.00% of mass 174	5.42 (6.19)
176	95.00 - 101.00% of mass 174	84.26 (96.36)
177	5.00 - 9.00% of mass 176	5.66 (6.72)

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1688.D\Q-8260.rslt\spectra.d
Injection Date: 09-Jul-2012 09:25:30
Spectrum: Tune Spec: Scans 393-395(3.98-3.99) Bgrd 386(3.94)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	456	60.00	355	79.00	2294	104.00	143
37.00	2040	61.00	2364	80.00	468	106.00	124
38.00	1761	62.00	2469	81.00	1987	117.00	122
39.00	687	63.00	1887	82.00	368	119.00	156
44.00	357	68.00	5602	87.00	2170	141.00	552
45.00	429	69.00	5546	88.00	1887	143.00	597
47.00	573	70.00	383	91.00	127	174.00	46760
49.00	1706	73.00	2265	92.00	1603	175.00	2896
50.00	8395	74.00	9381	93.00	2318	176.00	45056
51.00	2669	75.00	26712	94.00	5992	177.00	3029
56.00	756	76.00	2370	95.00	53472		
57.00	1214	77.00	141	96.00	3844		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-71523/5

Matrix: Water | Lab File ID: Q1692.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-71523/5

Matrix: Water | Lab File ID: Q1692.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
2037-26-5	Toluene-d8 (Surr)	77		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1692.D		
Lims ID:	MB	Client ID:	
Inject. Date:	09-Jul-2012 11:14:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	480-0013225-005		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	5
Lims Batch ID:	71523	Lims Sample ID:	5
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:37:43	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	09-Jul-2012 11:37:43

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.007	5.004	0.003	94	664115	25.0	
* 2 Chlorobenzene-d5	82	7.197	7.194	0.003	83	382801	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.059	9.056	0.003	94	395065	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.697	4.694	0.003	99	123933	25.4	
$ 5 Toluene-d8 (Surr)	98	6.090	6.087	0.003	93	737736	19.3	
$ 6 4-Bromofluorobenzene (Surr)	174	8.122	8.125	-0.003	90	303539	25.6	
10 Dichlorodifluoromethane	85		1.348					
12 Chloromethane	50		1.500					
13 Vinyl chloride	62		1.591					
11 Chlorodifluoromethane	51		1.687					
14 Bromomethane	94		1.865					
15 Chloroethane	64		1.944					
17 Trichlorofluoromethane	101		2.181					
16 Dichlorofluoromethane	67		2.431					
20 Acrolein	56		2.601					
18 Ethyl ether	59		2.620					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.644					
22 1,1-Dichloroethene	96		2.650					
19 Propene oxide	58		2.699					
23 Acetone	43		2.741					
25 Iodomethane	142		2.784					
26 Carbon disulfide	76		2.826					
24 Isopropyl alcohol	45		2.925					
29 Acetonitrile	40		2.984					
27 Methyl acetate	43		3.003					
28 3-Chloro-1-propene	41		3.053					
30 Methylene Chloride	84		3.082					
31 2-Methyl-2-propanol	59		3.187					
32 Methyl tert-butyl ether	73		3.289					
34 trans-1,2-Dichloroethene	96		3.289					
33 Acrylonitrile	53		3.301					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		3.443					
36 Isopropyl ether	45		3.571					
38 1,1-Dimethoxyethane	75		3.620					
39 1,1-Dichloroethane	63		3.629					
40 2-Chloro-1,3-butadiene	53		3.638					
37 Vinyl acetate	43		3.672					
41 Tert-butyl ethyl ether	59		3.802					
42 Ethyl acetate	43		3.961					
46 Propionitrile	54		4.016					
44 2,2-Dichloropropane	77		4.067					
45 cis-1,2-Dichloroethene	96		4.086					
43 2-Butanone (MEK)	43		4.098					
47 Methacrylonitrile	41		4.107					
48 Chlorobromomethane	128		4.268					
49 Tetrahydrofuran	42		4.298					
50 Chloroform	83		4.329					
53 Isobutyl alcohol	43		4.412					
51 1,1,1-Trichloroethane	97		4.438					
52 Cyclohexane	56		4.463					
56 Tert-amyl methyl ether	73		4.546					
55 Carbon tetrachloride	117		4.560					
54 1,1-Dichloropropene	75		4.560					
59 n-Heptane	43		4.619					
57 Benzene	78		4.718					
58 1,2-Dichloroethane	62		4.749					
60 n-Butanol	56		4.845					
63 Methyl methacrylate	41		5.119					
66 1,4-Dioxane	88		5.186					
62 Trichloroethene	95		5.193					
64 Methylcyclohexane	83		5.308					
65 1,2-Dichloropropane	63		5.369					
70 2-Nitropropane	43		5.442					
67 Dibromomethane	93		5.466					
71 Epichlorohydrin	57		5.534					
68 Dichlorobromomethane	83		5.582					
69 2-Chloroethyl vinyl ether	63		5.789					
72 cis-1,3-Dichloropropene	75		5.898					
76 2-Methylthiophene	97		5.918					
78 3-Methylthiophene	97		5.934					
73 4-Methyl-2-pentanone (MIBK)	43		6.002					
74 Toluene	92		6.136					
77 trans-1,3-Dichloropropene	75		6.318					
75 Ethyl methacrylate	69		6.361					
79 1,1,2-Trichloroethane	83		6.464					
81 Tetrachloroethene	166		6.549					
82 1,3-Dichloropropane	76		6.586					
80 2-Hexanone	43		6.628					
83 Chlorodibromomethane	129		6.768					
85 3-Chlorobenzotrifluoride	180		6.796					
86 4-Chlorobenzotrifluoride	180		6.838					
84 Ethylene Dibromide	107		6.853					
87 Chlorobenzene	112		7.218					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
89 1,1,1,2-Tetrachloroethane	131		7.285					
88 Ethylbenzene	91		7.285					
90 m-Xylene & p-Xylene	106		7.377					
93 2-Chlorobenzotrifluoride	180		7.527					
91 o-Xylene	106		7.693					
92 Styrene	104		7.711					
96 Cyclohexanone	55		7.735					
95 Bromoform	173		7.888					
94 Isopropylbenzene	105		7.979					
104 3-Chlorotoluene	126		8.082					
101 Bromobenzene	156		8.247					
97 1,1,2,2-Tetrachloroethane	83		8.253					
100 1,2,3-Trichloropropane	110		8.289					
98 trans-1,4-Dichloro-2-butene	53		8.289					
99 N-Propylbenzene	91		8.307					
103 2-Chlorotoluene	126		8.393					
108 Pentachloroethane	167		8.399					
102 1,3,5-Trimethylbenzene	105		8.447					
105 4-Chlorotoluene	126		8.484					
106 tert-Butylbenzene	134		8.709					
114 Dicyclopentadiene	66		8.728					
107 1,2,4-Trimethylbenzene	105		8.752					
109 sec-Butylbenzene	105		8.885					
112 1,2,3-Trimethylbenzene	105		9.000					
111 1,3-Dichlorobenzene	146		9.001					
110 4-Isopropyltoluene	119		9.007					
113 1,4-Dichlorobenzene	146		9.080					
115 n-Butylbenzene	91		9.342					
116 1,2-Dichlorobenzene	146		9.384					
118 1,3,5-Trichlorobenzene	180		9.850					
117 1,2-Dibromo-3-Chloropropane	75		10.041					
119 1,2,4-Trichlorobenzene	180		10.710					
120 Hexachlorobutadiene	225		10.826					
121 Naphthalene	128		10.911					
122 1,2,3-Trichlorobenzene	180		11.106					
S 123 Total BTEX	1		30.000					7
S 124 Xylenes, Total	1		30.000					7
S 125 1,2-Dichloroethene, Total	1		30.000					7
S 126 1,3-Dichloropropene, Total	1		30.000					7
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	1		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 7 Ethylene oxide	44		1.872					

QC Flag Legend

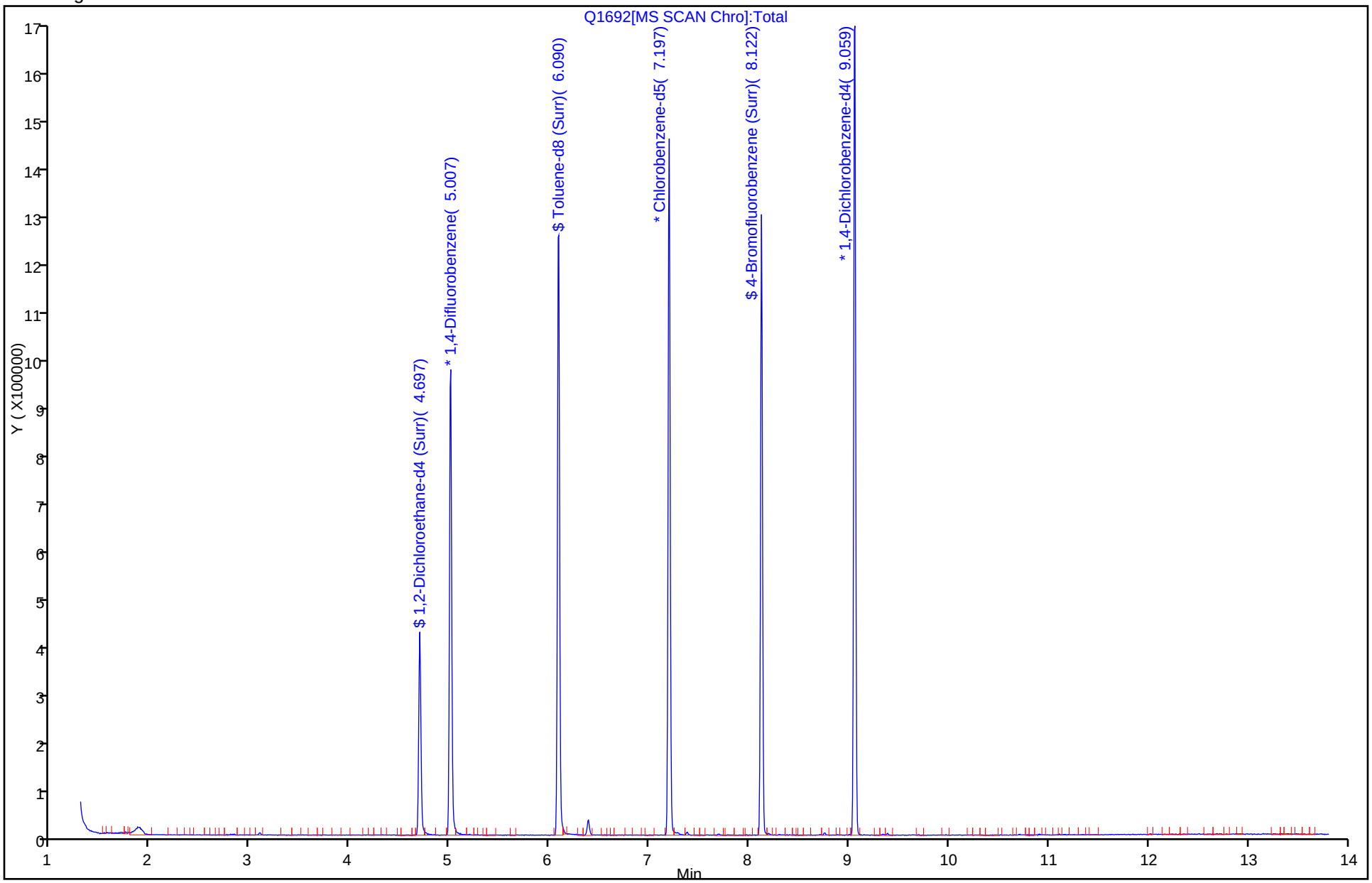
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

Report Date: 09-Jul-2012 11:37:43 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1692.D

Injection Date:	09-Jul-2012 11:14:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	5
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-71650/5

Matrix: Water | Lab File ID: N8737.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 23:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71650 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-71650/5

Matrix: Water | Lab File ID: N8737.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 23:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71650 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		66-137
460-00-4	4-Bromofluorobenzene (Surr)	80		73-120
2037-26-5	Toluene-d8 (Surr)	91		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8737.D
Lims ID: MB Client ID:
Inject. Date: 09-Jul-2012 23:40:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: MB
Misc. Info.: 480-0013251-005
Operator: RAL Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 38
Lims Batch ID: 71650 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N-8260.m
Last Update: 10-Jul-2012 00:16:22 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 10-Jul-2012 00:16:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	94	647019	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	91	596136	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.756	9.757	-0.001	96	341731	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	98	286848	21.0	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	87	741113	22.7	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	88	241973	20.0	
11 Dichlorodifluoromethane	85		0.935					
12 Chlorodifluoromethane	51		0.948					
13 Chloromethane	50		1.027					
14 Vinyl chloride	62		1.106					
15 Bromomethane	94		1.288					
16 Chloroethane	64		1.349					
18 Trichlorofluoromethane	101		1.483					
17 Dichlorofluoromethane	67		1.495					
19 Ethyl ether	59		1.702					
81 Propene oxide	58		1.763					
20 Acrolein	56		1.830					
22 1,1-Dichloroethene	96		1.860					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		1.878					
23 Acetone	43		1.963					
24 Iodomethane	142		1.982					
25 Carbon disulfide	76		2.012					
26 Isopropyl alcohol	45		2.134					
27 3-Chloro-1-propene	41		2.164					
29 Acetonitrile	40		2.213					
28 Methyl acetate	43		2.219					
30 Methylene Chloride	84		2.292					
31 2-Methyl-2-propanol	59		2.462					
32 Methyl tert-butyl ether	73		2.493					
33 trans-1,2-Dichloroethene	96		2.493					
34 Acrylonitrile	53		2.541					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		2.681					
36 1,1-Dichloroethane	63		2.864					
37 Isopropyl ether	45		2.906					
38 2-Chloro-1,3-butadiene	53		2.919					
39 Vinyl acetate	43		2.931					
40 1,1-Dimethoxyethane	75		2.967					
41 Tert-butyl ethyl ether	59		3.223					
42 2,2-Dichloropropane	77		3.344					
43 cis-1,2-Dichloroethene	96		3.381					
44 2-Butanone (MEK)	43		3.430					
45 Ethyl acetate	43		3.478					
46 Propionitrile	54		3.515					
47 Chlorobromomethane	128		3.594					
48 Methacrylonitrile	41		3.618					
49 Tetrahydrofuran	42		3.630					
50 Chloroform	83		3.679					
51 1,1,1-Trichloroethane	97		3.776					
52 Cyclohexane	56		3.788					
53 Carbon tetrachloride	117		3.910					
54 1,1-Dichloropropene	75		3.928					
55 Benzene	78		4.111					
57 1,2-Dichloroethane	62		4.178					
56 Isobutyl alcohol	43		4.190					
58 Tert-amyl methyl ether	73		4.221					
59 n-Heptane	43		4.324					
60 Trichloroethene	95		4.707					
61 n-Butanol	56		4.798					
62 Methylcyclohexane	83		4.823					
63 1,2-Dichloropropane	63		4.932					
64 Dibromomethane	93		5.060					
65 Methyl methacrylate	41		5.072					
66 1,4-Dioxane	88		5.103					
67 Dichlorobromomethane	83		5.230					
68 2-Nitropropane	43		5.468					
69 2-Chloroethyl vinyl ether	63		5.522					
70 Epichlorohydrin	57		5.595					
71 cis-1,3-Dichloropropene	75		5.638					
72 4-Methyl-2-pentanone (MIBK)	43		5.796					
73 Toluene	92		5.912					
74 2-Methylthiophene	97		6.039					
75 trans-1,3-Dichloropropene	75		6.198					
76 3-Methylthiophene	97		6.198					
77 Ethyl methacrylate	69		6.283					
78 1,1,2-Trichloroethane	83		6.380					
79 Tetrachloroethene	166		6.429					
80 1,3-Dichloropropane	76		6.526					
82 2-Hexanone	43		6.630					
83 Chlorodibromomethane	129		6.757					
84 Ethylene Dibromide	107		6.836					
85 Chlorobenzene	112		7.317					
86 3-Chlorobenzotrifluoride	180		7.335					
87 4-Chlorobenzotrifluoride	180		7.396					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
89 1,1,1,2-Tetrachloroethane	131		7.426					
88 Ethylbenzene	91		7.426					
90 m-Xylene & p-Xylene	106		7.554					
91 o-Xylene	106		7.962					
92 Styrene	104		7.992					
93 Bromoform	173		8.217					
94 2-Chlorobenzotrifluoride	180		8.284					
95 Isopropylbenzene	105		8.351					
96 Cyclohexanone	55		8.491					
97 Bromobenzene	156		8.674					
98 1,1,2,2-Tetrachloroethane	83		8.771					
99 1,2,3-Trichloropropane	110		8.783					
100 N-Propylbenzene	91		8.789					
101 trans-1,4-Dichloro-2-butene	53		8.820					
102 2-Chlorotoluene	126		8.880					
103 3-Chlorotoluene	126		8.954					
104 1,3,5-Trimethylbenzene	105		8.990					
105 4-Chlorotoluene	91		9.002					
106 tert-Butylbenzene	134		9.331					
107 Pentachloroethane	167		9.373					
108 1,2,4-Trimethylbenzene	105		9.391					
109 sec-Butylbenzene	105		9.562					
110 1,3-Dichlorobenzene	146		9.683					
111 4-Isopropyltoluene	119		9.726					
112 Dicyclopentadiene	66		9.750					
113 1,4-Dichlorobenzene	146		9.781					
114 1,2,3-Trimethylbenzene	105		9.823					
115 n-Butylbenzene	91		10.134					
116 1,2-Dichlorobenzene	146		10.146					
117 1,2-Dibromo-3-Chloropropane	75		10.912					
118 1,3,5-Trichlorobenzene	180		11.065					
119 1,2,4-Trichlorobenzene	180		11.618					
120 Hexachlorobutadiene	225		11.752					
121 Naphthalene	128		11.825					
122 1,2,3-Trichlorobenzene	180		12.032					
S 125 Total BTEX	1		30.000					7
S 126 Xylenes, Total	1		30.000					7
S 123 1,3-Dichloropropene, Total	1		30.000					7
S 124 1,2-Dichloroethene, Total	1		30.000					7
T 129 tert-amyl alcohol TIC	1		0.000					1
T 127 Ethanol TIC	1		0.000					1
T 10 Ethylene oxide	1		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	1		0.000					1
T 128 Hexachloroethane TIC	117		0.000					1

QC Flag Legend

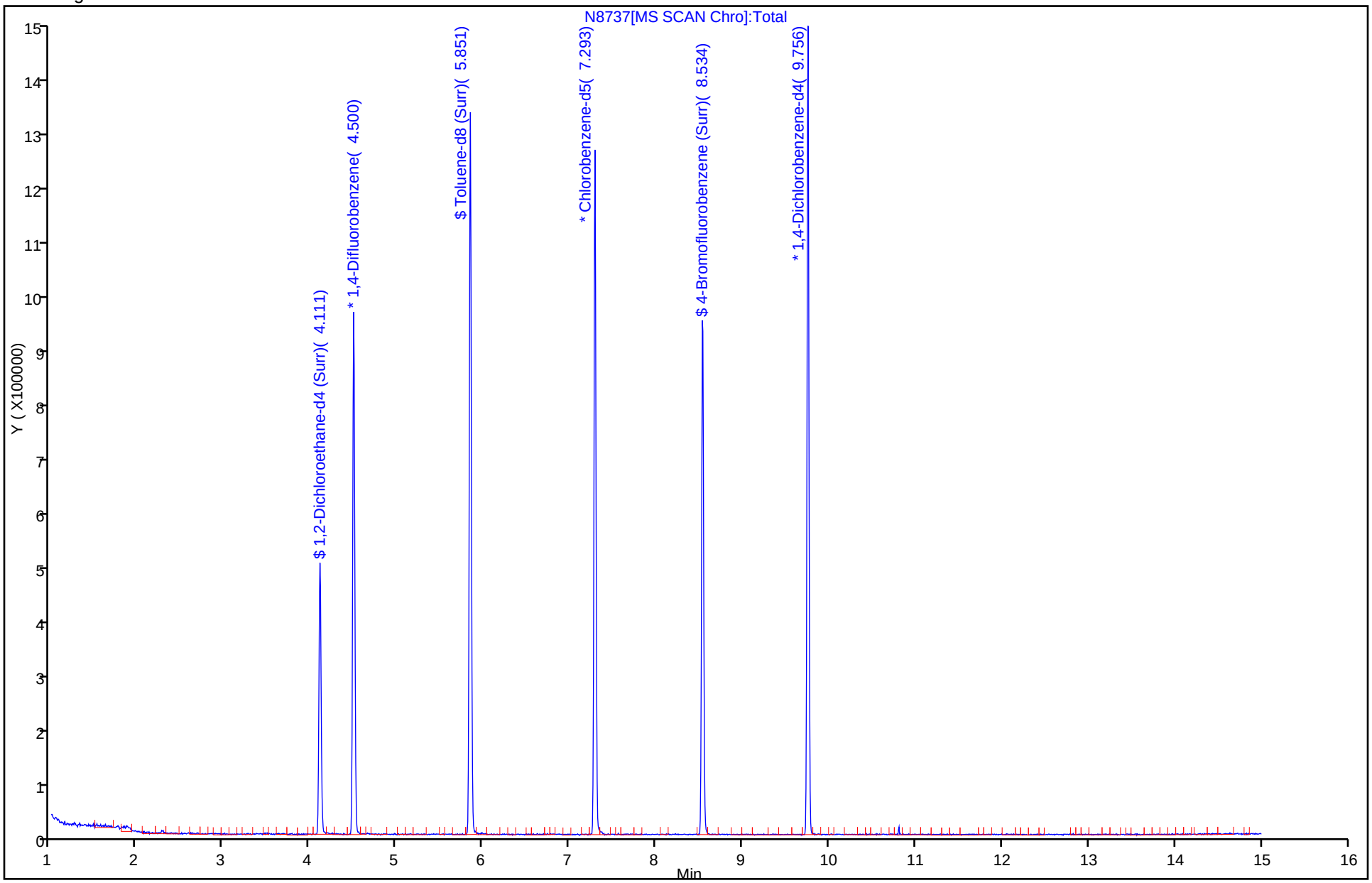
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

Report Date: 10-Jul-2012 00:16:23 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8737.D

Injection Date:	09-Jul-2012 23:40:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	71650	Lims Sample ID:	5
Operator ID:	RAL		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-71947/5

Matrix: Water | Lab File ID: G12947.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 14:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-71947/5

Matrix: Water | Lab File ID: G12947.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 14:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		66-137
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
2037-26-5	Toluene-d8 (Surr)	108		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12947.D
Lims ID: MB Client ID:
Inject. Date: 11-Jul-2012 14:22:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: MB
Misc. Info.: 480-0013302-005 =480-0013302-005
Operator: LH Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 4
Lims Batch ID: 71947 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G-8260.m
Last Update: 11-Jul-2012 14:57:55 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 11-Jul-2012 14:57:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	309511	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	86	156080	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	96	145558	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.350	0.006	0	64451	27.4	
$ 5 Toluene-d8 (Surr)	98	7.155	7.148	0.007	93	371262	27.0	
$ 6 4-Bromofluorobenzene (Surr)	174	9.874	9.873	0.001	86	107558	26.1	
129 tert-amyl alcohol TIC	1		0.000					
10 Dichlorodifluoromethane	85		1.448					
11 Chlorodifluoromethane	51		1.479					
12 Chloromethane	50		1.619					
13 Vinyl chloride	62		1.723					
14 Bromomethane	94		2.076					
15 Chloroethane	64		2.168					
16 Dichlorofluoromethane	67		2.381					
17 Trichlorofluoromethane	101		2.381					
18 Ethyl ether	59		2.661					
68 Propene oxide	58		2.735					
19 Acrolein	56		2.820					
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.899					
20 1,1-Dichloroethene	96		2.905					
22 Acetone	43		2.985					
23 Iodomethane	142		3.076					
24 Carbon disulfide	76		3.113					
25 Isopropyl alcohol	45		3.161					
26 3-Chloro-1-propene	41		3.241					
27 Acetonitrile	40		3.277					
28 Methyl acetate	43		3.283					
29 Methylene Chloride	84		3.436					
30 2-Methyl-2-propanol	59		3.539					
31 Methyl tert-butyl ether	73		3.613					
32 trans-1,2-Dichloroethene	96		3.619					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
33 Acrylonitrile	53		3.649					
34 Hexane	57		3.832					
36 1,1-Dichloroethane	63		4.027					
37 Isopropyl ether	45		4.058					
38 Vinyl acetate	43		4.082					
39 2-Chloro-1,3-butadiene	53		4.094					
40 1,1-Dimethoxyethane	75		4.125					
41 Tert-butyl ethyl ether	59		4.399					
42 2,2-Dichloropropane	77		4.551					
43 cis-1,2-Dichloroethene	96		4.582					
44 2-Butanone (MEK)	43		4.612					
45 Ethyl acetate	43		4.649					
46 Propionitrile	54		4.698					
48 Chlorobromomethane	128		4.814					
47 Methacrylonitrile	41		4.820					
49 Tetrahydrofuran	42		4.850					
50 Chloroform	85		4.887					
51 1,1,1-Trichloroethane	97		5.021					
52 Cyclohexane	56		5.039					
53 Carbon tetrachloride	117		5.161					
54 1,1-Dichloropropene	75		5.167					
55 Isobutyl alcohol	43		5.362					
56 Benzene	78		5.368					
57 1,2-Dichloroethane	62		5.423					
58 Tert-amyl methyl ether	73		5.454					
59 n-Heptane	43		5.563					
60 n-Butanol	56		5.984					
61 Trichloroethene	95		5.984					
62 Methylcyclohexane	83		6.118					
63 1,2-Dichloropropane	63		6.216					
64 Methyl methacrylate	41		6.313					
65 Dibromomethane	93		6.344					
66 1,4-Dioxane	88		6.362					
67 Dichlorobromomethane	83		6.496					
69 2-Nitropropane	43		6.734					
70 2-Chloroethyl vinyl ether	63		6.770					
71 Epichlorohydrin	57		6.856					
72 cis-1,3-Dichloropropene	75		6.917					
73 4-Methyl-2-pentanone (MIBK)	43		7.057					
74 Toluene	92		7.215					
75 2-Methylthiophene	97		7.350					
76 trans-1,3-Dichloropropene	75		7.478					
77 3-Methylthiophene	97		7.514					
78 Ethyl methacrylate	69		7.532					
79 1,1,2-Trichloroethane	83		7.667					
80 Tetrachloroethene	166		7.758					
81 1,3-Dichloropropane	76		7.831					
82 2-Hexanone	43		7.898					
83 Chlorodibromomethane	129		8.069					
84 Ethylene Dibromide	107		8.179					
85 3-Chlorobenzotrifluoride	180		8.630					
86 Chlorobenzene	112		8.660					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
87 4-Chlorobenzotrifluoride	180		8.691					
88 1,1,1,2-Tetrachloroethane	131		8.758					
89 Ethylbenzene	91		8.758					
90 m-Xylene & p-Xylene	106		8.880					
91 o-Xylene	106		9.307					
92 Styrene	104		9.331					
93 Bromoform	173		9.569					
94 2-Chlorobenzotrifluoride	180		9.599					
95 Isopropylbenzene	105		9.685					
96 Cyclohexanone	55		9.837					
97 Bromobenzene	156		10.026					
98 1,1,2,2-Tetrachloroethane	83		10.056					
99 1,2,3-Trichloropropane	110		10.093					
100 trans-1,4-Dichloro-2-butene	53		10.105					
101 N-Propylbenzene	91		10.105					
102 2-Chlorotoluene	126		10.209					
103 3-Chlorotoluene	126		10.270					
104 1,3,5-Trimethylbenzene	105		10.282					
105 4-Chlorotoluene	126		10.319					
106 tert-Butylbenzene	134		10.599					
108 Pentachloroethane	167		10.648					
107 1,2,4-Trimethylbenzene	105		10.648					
109 sec-Butylbenzene	105		10.806					
110 1,3-Dichlorobenzene	146		10.940					
111 4-Isopropyltoluene	119		10.940					
112 Dicyclopentadiene	66		11.013					
113 1,4-Dichlorobenzene	146		11.020					
114 1,2,3-Trimethylbenzene	105		11.050					
115 n-Butylbenzene	91		11.324					
116 1,2-Dichlorobenzene	146		11.373					
117 1,2-Dibromo-3-Chloropropane	75		12.086					
118 1,3,5-Trichlorobenzene	180		12.239					
119 1,2,4-Trichlorobenzene	180		12.775					
120 Hexachlorobutadiene	225		12.891					
121 Naphthalene	128		12.989					
122 1,2,3-Trichlorobenzene	180		13.190					
S 123 Total BTEX	1		30.000					7
S 124 Xylenes, Total	1		30.000					7
S 125 1,2-Dichloroethene, Total	1		30.000					7
S 126 1,3-Dichloropropene, Total	1		30.000					7
T 7 t-Amyl alcohol	59		0.000					1
T 8 bis(2-chloromethyl)ether TIC	1		0.000					1
T 9 Ethylene oxide	1		0.000					1
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	1		0.000					1
T 130 Aziridine TIC	1		0.000					1
T 131 bis(chloromethyl)ether TIC	1		0.000					1
T 132 Bromoethane TIC	1		0.000					1
T 133 1-Bromopropane	1		0.000					1

QC Flag Legend

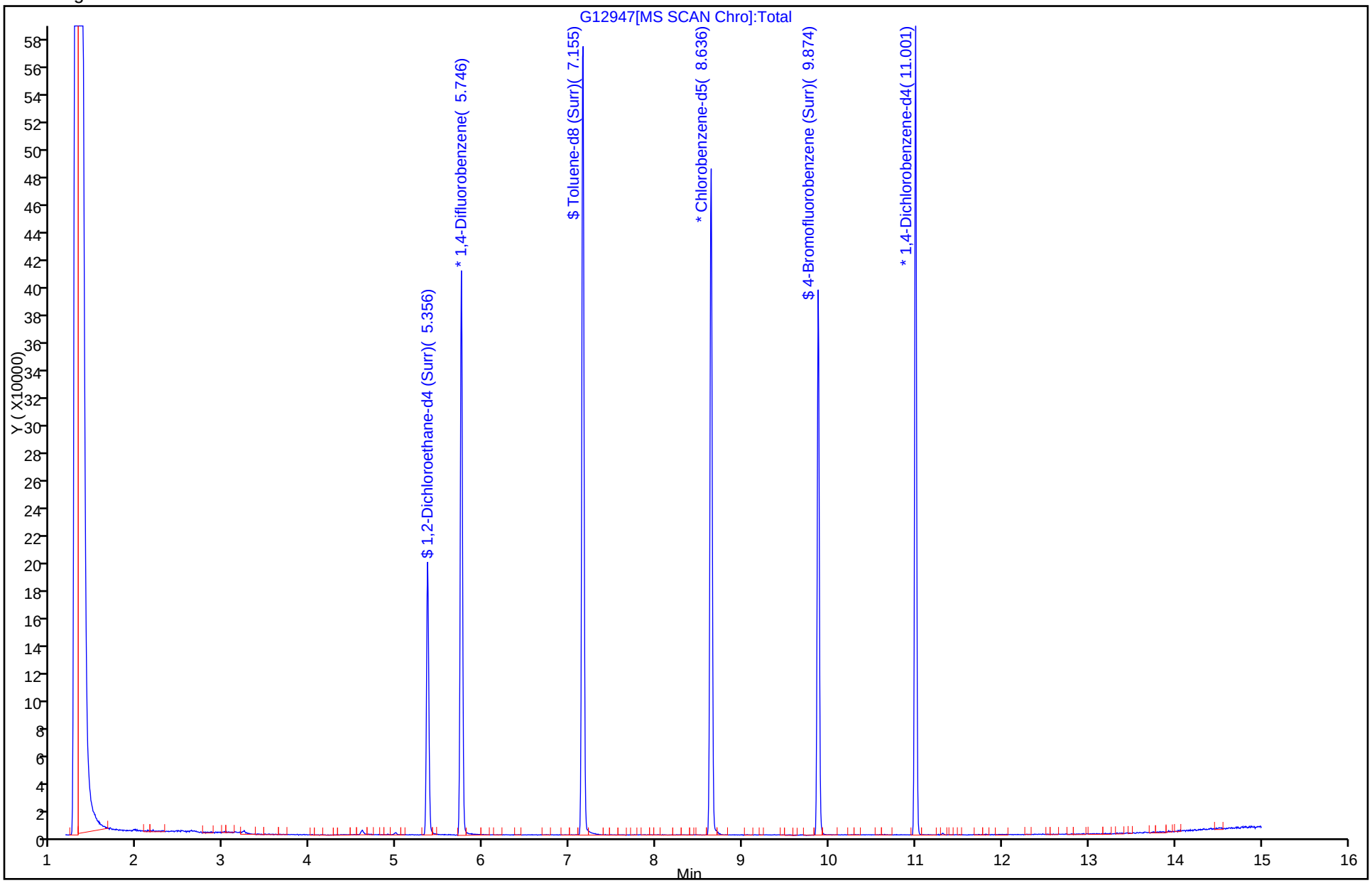
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

Report Date: 11-Jul-2012 14:57:55 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12947.D

Injection Date:	11-Jul-2012 14:22:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	5
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-71523/3

Matrix: Water | Lab File ID: Q1690.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 10:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71523 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	28.4		1.0	0.38
75-35-4	1,1-Dichloroethene	24.5		1.0	0.29
95-50-1	1,2-Dichlorobenzene	26.1		1.0	0.79
107-06-2	1,2-Dichloroethane	25.9		1.0	0.21
71-43-2	Benzene	25.7		1.0	0.41
108-90-7	Chlorobenzene	25.6		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	28.6		1.0	0.81
100-41-4	Ethylbenzene	25.1		1.0	0.74
1634-04-4	Methyl tert-butyl ether	25.6		1.0	0.16
127-18-4	Tetrachloroethene	26.1		1.0	0.36
108-88-3	Toluene	23.6		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	28.4		1.0	0.90
79-01-6	Trichloroethene	25.5		1.0	0.46
1330-20-7	Xylenes, Total	74.2		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		66-137
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
2037-26-5	Toluene-d8 (Surr)	87		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1690.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	09-Jul-2012 10:15:30	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	LCS		
Misc. Info.:	480-0013225-003		
Operator:	TRB	Instrument ID:	HP5973Q
Vol. Injected:	1.0000	ALS Bottle#:	3
Lims Batch ID:	71523	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q-8260.m		
Last Update:	09-Jul-2012 11:05:40	Calib Date:	05-Jun-2012 14:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\BUFCHROM\ChromData\HP5973Q\20120605-12425.b\Q0933.D		
Limit Group:	MV - 8260B ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Process Host:	CORP-CTX-16		
First Level Reviewer: BrandtT		Date:	09-Jul-2012 11:05:40

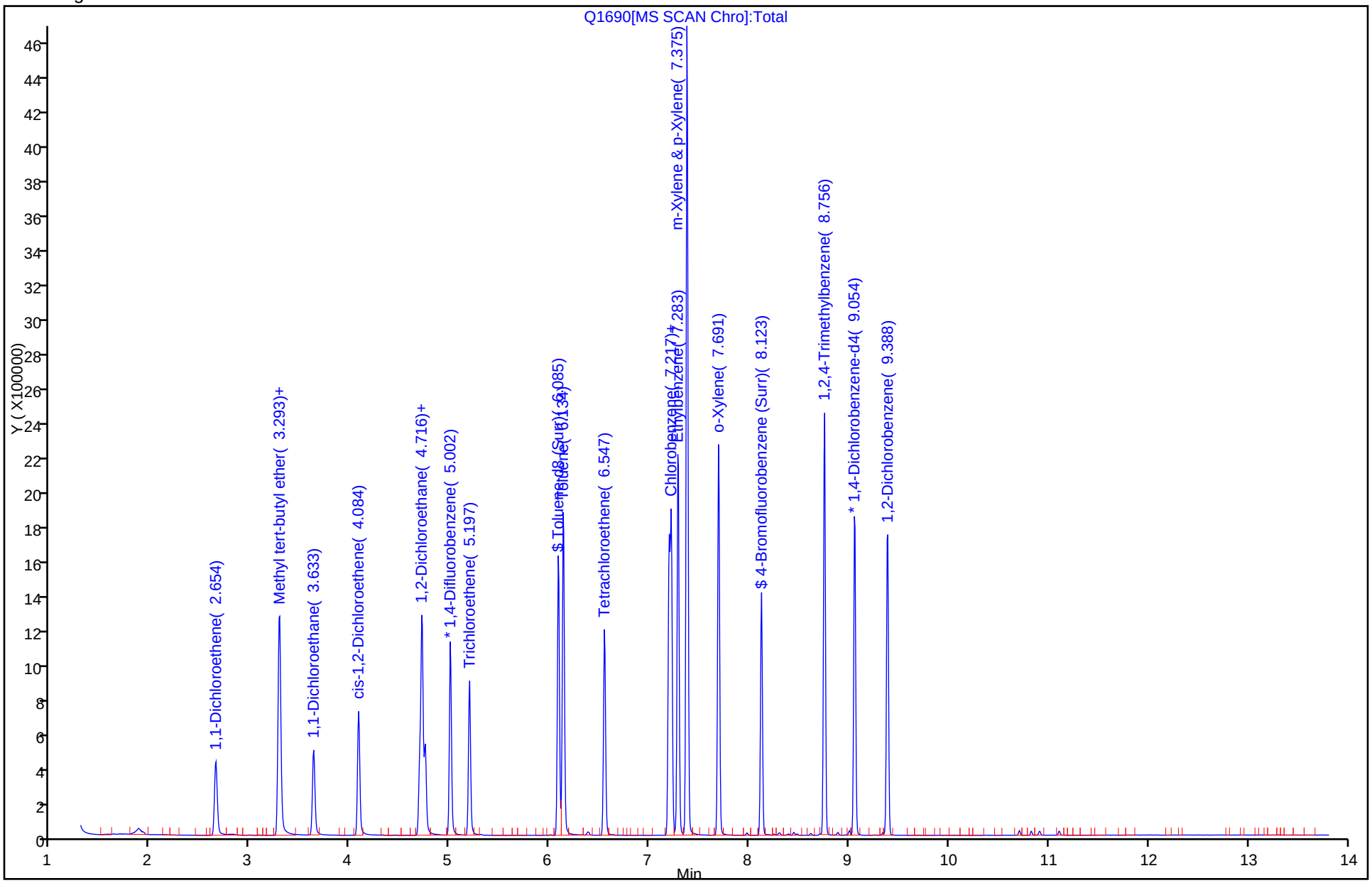
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.002	5.004	-0.002	94	737866	25.0	
* 2 Chlorobenzene-d5	82	7.198	7.194	0.004	83	432087	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.060	9.056	0.004	94	436587	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.698	4.694	0.004	97	123670	22.8	
$ 5 Toluene-d8 (Surr)	98	6.085	6.087	-0.002	92	943128	21.8	
$ 6 4-Bromofluorobenzene (Surr)	174	8.123	8.125	-0.002	92	342857	25.6	
22 1,1-Dichloroethene	96	2.654	2.650	0.004	89	194503	24.5	
32 Methyl tert-butyl ether	73	3.287	3.289	-0.002	86	790505	25.6	
34 trans-1,2-Dichloroethene	96	3.293	3.289	0.004	92	272027	28.4	
39 1,1-Dichloroethane	63	3.633	3.629	0.004	85	441617	28.4	
45 cis-1,2-Dichloroethene	96	4.084	4.086	-0.001	66	302985	28.6	
57 Benzene	78	4.716	4.718	-0.002	95	987487	25.7	
58 1,2-Dichloroethane	62	4.753	4.749	0.004	96	325606	25.9	
62 Trichloroethene	95	5.197	5.193	0.004	98	246143	25.5	
74 Toluene	92	6.134	6.136	-0.002	97	696123	23.6	
81 Tetrachloroethene	166	6.547	6.549	-0.002	93	310862	26.1	
87 Chlorobenzene	112	7.217	7.218	-0.002	94	840264	25.6	
88 Ethylbenzene	91	7.283	7.285	-0.002	98	1422193	25.1	
90 m-Xylene & p-Xylene	106	7.375	7.377	-0.002	98	1134028	49.6	
91 o-Xylene	106	7.691	7.693	-0.002	97	536189	24.6	
107 1,2,4-Trimethylbenzene	105	8.756	8.752	0.004	97	1184378	25.7	
116 1,2-Dichlorobenzene	146	9.388	9.384	0.004	97	654795	26.1	
S 124 Xylenes, Total	1				0		74.1	
S 125 1,2-Dichloroethene, Total	1				0		57.1	

Report Date: 09-Jul-2012 11:05:41 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\BUFCHROM\ChromData\HP5973Q\20120709-13225.b\Q1690.D

Injection Date:	09-Jul-2012 10:15:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973Q
Lims Batch ID:	71523	Lims Sample ID:	3
Operator ID:	TRB		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-71650/4

Matrix: Water | Lab File ID: N8736.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/09/2012 23:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71650 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	22.9		1.0	0.38
75-35-4	1,1-Dichloroethene	20.5		1.0	0.29
95-50-1	1,2-Dichlorobenzene	24.3		1.0	0.79
107-06-2	1,2-Dichloroethane	24.0		1.0	0.21
71-43-2	Benzene	23.6		1.0	0.41
108-90-7	Chlorobenzene	24.5		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	23.1		1.0	0.81
100-41-4	Ethylbenzene	24.4		1.0	0.74
1634-04-4	Methyl tert-butyl ether	21.7		1.0	0.16
127-18-4	Tetrachloroethene	24.7		1.0	0.36
108-88-3	Toluene	24.5		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	24.2		1.0	0.90
79-01-6	Trichloroethene	23.5		1.0	0.46
1330-20-7	Xylenes, Total	72.2		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		66-137
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120
2037-26-5	Toluene-d8 (Surr)	89		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8736.D
Lims ID: LCS Client ID:
Inject. Date: 09-Jul-2012 23:16:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 480-0013251-004
Operator: RAL Instrument ID: HP5973N
Vol. Injected: 1.0000 ALS Bottle#: 37
Lims Batch ID: 71650 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N-8260.m
Last Update: 10-Jul-2012 00:15:45 Calib Date: 02-Jul-2012 22:34:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973N\20120702-13116.b\N8584.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-19

First Level Reviewer: larsonr Date: 10-Jul-2012 00:15:45

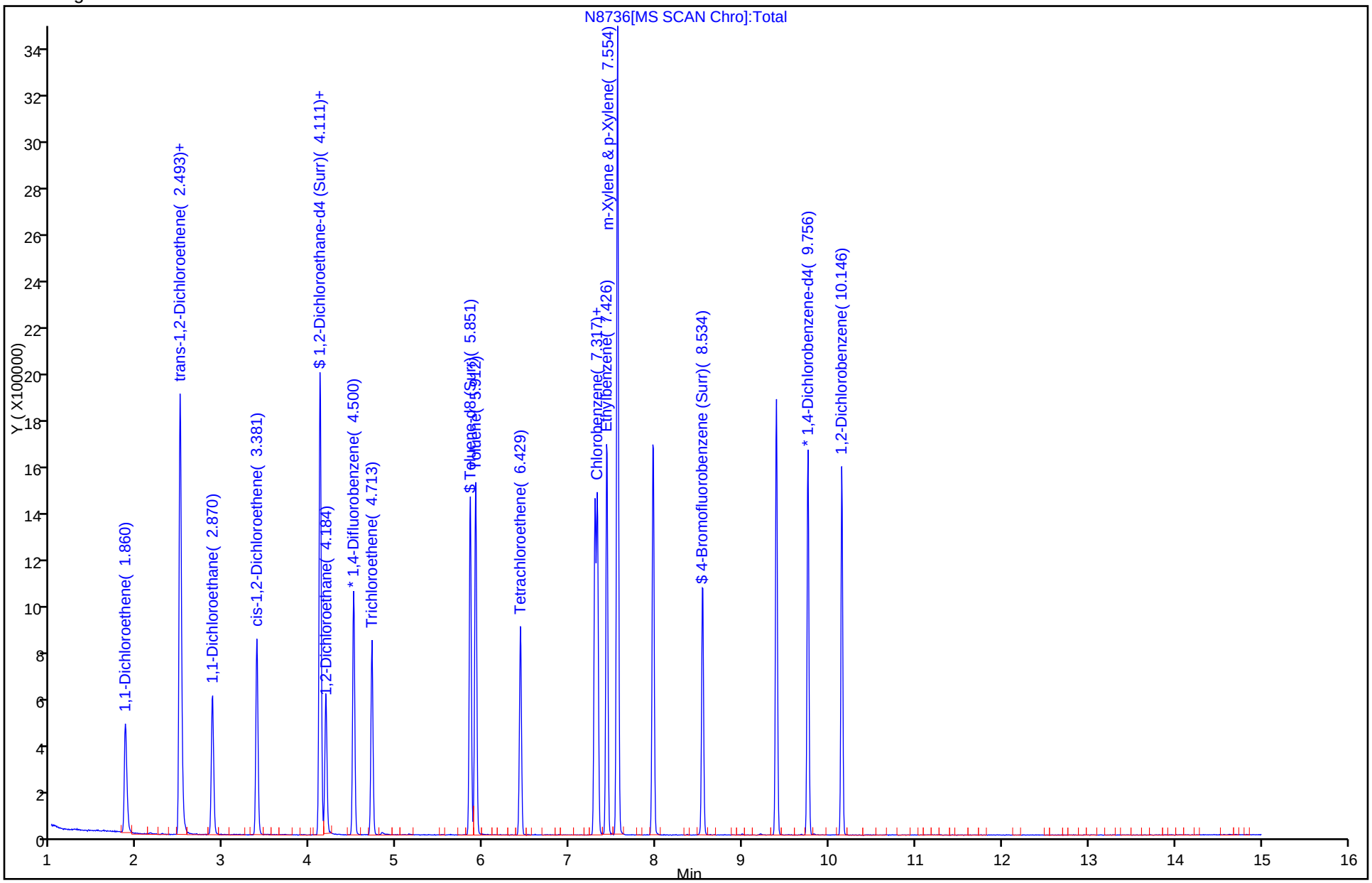
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.500	4.500	0.0	93	715427	25.0	
* 2 Chlorobenzene-d5	117	7.293	7.293	0.0	91	646725	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.756	9.757	-0.001	96	382459	25.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.111	4.111	0.0	88	319279	21.1	
$ 6 Toluene-d8 (Surr)	98	5.851	5.851	0.0	87	786845	22.2	
$ 7 4-Bromofluorobenzene (Surr)	174	8.540	8.540	0.0	87	272755	20.7	
22 1,1-Dichloroethene	96	1.860	1.860	0.0	82	158476	20.5	
32 Methyl tert-butyl ether	73	2.493	2.493	0.0	83	765811	21.7	
33 trans-1,2-Dichloroethene	96	2.493	2.493	0.0	83	270022	24.2	
36 1,1-Dichloroethane	63	2.864	2.864	0.0	97	548594	22.9	
43 cis-1,2-Dichloroethene	96	3.381	3.381	0.0	89	276600	23.1	
55 Benzene	78	4.111	4.111	0.0	92	903611	23.6	
57 1,2-Dichloroethane	62	4.178	4.178	0.0	94	409795	24.0	
60 Trichloroethene	95	4.713	4.707	0.006	93	220789	23.5	
73 Toluene	92	5.912	5.912	0.0	90	540296	24.5	
79 Tetrachloroethene	166	6.429	6.429	0.0	93	232959	24.7	
85 Chlorobenzene	112	7.323	7.317	0.006	91	642397	24.5	
88 Ethylbenzene	91	7.426	7.426	0.0	98	1097198	24.4	
90 m-Xylene & p-Xylene	106	7.554	7.554	0.0	97	836344	48.3	
91 o-Xylene	106	7.968	7.962	0.006	98	414926	23.9	
108 1,2,4-Trimethylbenzene	105	9.391	9.391	0.0	92	947844	23.7	
116 1,2-Dichlorobenzene	146	10.146	10.146	0.0	95	543895	24.3	
S 126 Xylenes, Total	1				0		72.3	
S 124 1,2-Dichloroethene, Total	1				0		47.3	

Report Date: 10-Jul-2012 00:15:45 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973N\20120709-13251.b\N8736.D

Injection Date:	09-Jul-2012 23:16:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973N
Lims Batch ID:	71650	Lims Sample ID:	4
Operator ID:	RAL		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-22187-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 480-71947/4

Matrix: Water | Lab File ID: G12946.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/11/2012 13:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

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

Analysis Batch No.: 71947 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	26.6		1.0	0.38
75-35-4	1,1-Dichloroethene	24.0		1.0	0.29
95-50-1	1,2-Dichlorobenzene	26.1		1.0	0.79
107-06-2	1,2-Dichloroethane	27.8		1.0	0.21
71-43-2	Benzene	26.5		1.0	0.41
108-90-7	Chlorobenzene	27.6		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	26.3		1.0	0.81
100-41-4	Ethylbenzene	27.7		1.0	0.74
1634-04-4	Methyl tert-butyl ether	23.0		1.0	0.16
127-18-4	Tetrachloroethene	27.7		1.0	0.36
108-88-3	Toluene	27.3		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	26.4		1.0	0.90
79-01-6	Trichloroethene	26.4		1.0	0.46
1330-20-7	Xylenes, Total	83.5		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		66-137
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120
2037-26-5	Toluene-d8 (Surr)	114		71-126

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12946.D
Lims ID: LCS Client ID:
Inject. Date: 11-Jul-2012 13:59:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 480-0013302-004 =480-0013302-004
Operator: LH Instrument ID: HP5973G
Vol. Injected: 1.0000 ALS Bottle#: 3
Lims Batch ID: 71947 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G-8260.m
Last Update: 11-Jul-2012 14:57:17 Calib Date: 09-Jul-2012 17:51:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Bufchrom\ChromData\HP5973G\20120709-13234.b\G12875.D
Limit Group: MV - 8260B ICAL
Integrator: RTE ID Type: Deconvolution ID
Process Host: CORP-CTX-16

First Level Reviewer: HillL Date: 11-Jul-2012 14:57:17

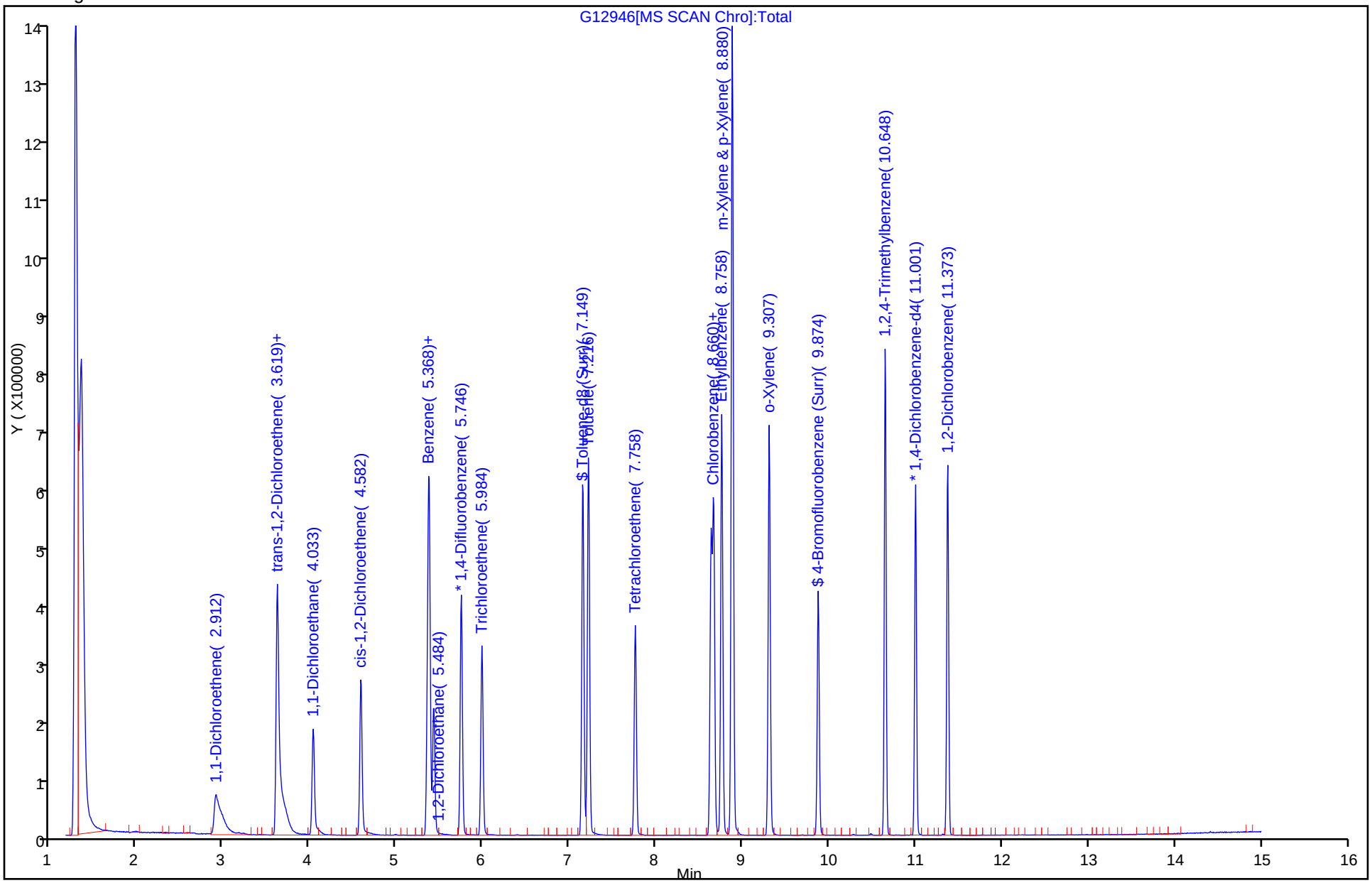
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	5.746	5.746	0.0	96	314238	25.0	
* 2 Chlorobenzene-d5	82	8.636	8.636	0.0	85	152002	25.0	
* 3 1,4-Dichlorobenzene-d4	152	11.001	11.001	0.0	96	152437	25.0	
$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.356	5.350	0.006	0	67093	28.1	
$ 5 Toluene-d8 (Surr)	98	7.149	7.148	0.001	93	381270	28.4	
$ 6 4-Bromofluorobenzene (Surr)	174	9.874	9.873	0.001	87	112435	28.1	
20 1,1-Dichloroethene	96	2.912	2.905	0.007	85	78077	24.0	
31 Methyl tert-butyl ether	73	3.619	3.613	0.006	93	314436	23.0	
32 trans-1,2-Dichloroethene	96	3.631	3.619	0.012	90	115034	26.4	
36 1,1-Dichloroethane	63	4.033	4.027	0.006	85	199817	26.6	
43 cis-1,2-Dichloroethene	96	4.582	4.582	0.0	72	107283	26.3	
56 Benzene	78	5.374	5.368	0.006	97	427803	26.5	
57 1,2-Dichloroethane	62	5.429	5.423	0.006	88	162548	27.8	
61 Trichloroethene	95	5.984	5.984	0.0	93	102027	26.4	
74 Toluene	92	7.216	7.215	0.001	98	272389	27.3	
80 Tetrachloroethene	166	7.758	7.758	0.0	92	112323	27.7	
86 Chlorobenzene	112	8.667	8.660	0.007	92	310123	27.6	
89 Ethylbenzene	91	8.758	8.758	0.0	98	514142	27.7	
90 m-Xylene & p-Xylene	106	8.880	8.880	0.0	99	418779	55.8	
91 o-Xylene	106	9.307	9.307	0.0	98	198720	27.7	
107 1,2,4-Trimethylbenzene	105	10.648	10.648	0.0	98	437624	26.5	
116 1,2-Dichlorobenzene	146	11.373	11.373	0.0	97	253156	26.1	
S 124 Xylenes, Total	1				0		83.5	
S 125 1,2-Dichloroethene, Total	1				0		52.7	

Report Date: 11-Jul-2012 14:57:17 Chrom Revision: 2.0 20-Feb-2012 13:27:02

Data File: \\Bufchrom\ChromData\HP5973G\20120711-13302.b\G12946.D

Injection Date:	11-Jul-2012 13:59:30	Limit Group:	MV - 8260B ICAL
Client ID:		Instrument ID:	HP5973G
Lims Batch ID:	71947	Lims Sample ID:	4
Operator ID:	LH		
Column Type:	ZB-624	Column Dia:	0.25 mm

Y Scaling:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973G Start Date: 07/09/2012 11:22

Analysis Batch Number: 71552 End Date: 07/09/2012 19:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-71552/1		07/09/2012 11:22	1	G12858.D	ZB-624 (60) 0.25(mm)
IC 480-71552/3		07/09/2012 12:11	1	G12860.D	ZB-624 (60) 0.25(mm)
IC 480-71552/4		07/09/2012 12:34	1	G12861.D	ZB-624 (60) 0.25(mm)
IC 480-71552/5		07/09/2012 12:56	1	G12862.D	ZB-624 (60) 0.25(mm)
ICIS 480-71552/6		07/09/2012 13:19	1	G12863.D	ZB-624 (60) 0.25(mm)
IC 480-71552/7		07/09/2012 13:41	1	G12864.D	ZB-624 (60) 0.25(mm)
IC 480-71552/8		07/09/2012 14:04	1	G12865.D	ZB-624 (60) 0.25(mm)
ICV 480-71552/10		07/09/2012 14:49	1		ZB-624 (60) 0.25(mm)
MDLV 480-71552/11		07/09/2012 15:12	1		ZB-624 (60) 0.25(mm)
IC 480-71552/13		07/09/2012 15:58	1		ZB-624 (60) 0.25(mm)
IC 480-71552/14		07/09/2012 16:20	1		ZB-624 (60) 0.25(mm)
IC 480-71552/15		07/09/2012 16:43	1		ZB-624 (60) 0.25(mm)
IC 480-71552/16		07/09/2012 17:05	1		ZB-624 (60) 0.25(mm)
IC 480-71552/17		07/09/2012 17:28	1		ZB-624 (60) 0.25(mm)
IC 480-71552/18		07/09/2012 17:51	1		ZB-624 (60) 0.25(mm)
ICV 480-71552/19		07/09/2012 19:34	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973G Start Date: 07/11/2012 11:48

Analysis Batch Number: 71947 End Date: 07/11/2012 21:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-71947/1		07/11/2012 11:48	1	G12943.D	ZB-624 (60) 0.25(mm)
CCVIS 480-71947/2		07/11/2012 12:53	1	G12944.D	ZB-624 (60) 0.25(mm)
CCV 480-71947/3		07/11/2012 13:37	1		ZB-624 (60) 0.25(mm)
LCS 480-71947/4		07/11/2012 13:59	1	G12946.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 13:59	1		ZB-624 (60) 0.25(mm)
MB 480-71947/5		07/11/2012 14:22	1	G12947.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 14:22	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 15:14	8		ZB-624 (60) 0.25(mm)
480-22257-1	Duplicate	07/11/2012 15:36	1000	G12949.D	ZB-624 (60) 0.25(mm)
480-22257-2	MW-16S	07/11/2012 15:59	2000	G12950.D	ZB-624 (60) 0.25(mm)
480-22257-3	MW-4	07/11/2012 16:21	1000	G12951.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 16:44	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 17:07	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 17:30	100		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 17:52	200		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 18:15	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 18:38	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 19:00	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 19:23	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 19:45	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 20:08	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 20:30	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 20:52	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 21:15	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/11/2012 21:37	10		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973N Start Date: 07/02/2012 15:12

Analysis Batch Number: 70887 End Date: 07/02/2012 22:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-70887/1		07/02/2012 15:12	1	N8566.D	ZB-624 (60) 0.25(mm)
IC 480-70887/2		07/02/2012 16:14	1	N8568.D	ZB-624 (60) 0.25(mm)
IC 480-70887/3		07/02/2012 16:38	1	N8569.D	ZB-624 (60) 0.25(mm)
IC 480-70887/4		07/02/2012 17:01	1	N8570.D	ZB-624 (60) 0.25(mm)
ICIS 480-70887/5		07/02/2012 17:25	1	N8571.D	ZB-624 (60) 0.25(mm)
IC 480-70887/6		07/02/2012 17:49	1	N8572.D	ZB-624 (60) 0.25(mm)
IC 480-70887/7		07/02/2012 18:13	1	N8573.D	ZB-624 (60) 0.25(mm)
ICV 480-70887/8		07/02/2012 19:00	1		ZB-624 (60) 0.25(mm)
IC 480-70887/10		07/02/2012 20:35	1		ZB-624 (60) 0.25(mm)
IC 480-70887/11		07/02/2012 20:59	1		ZB-624 (60) 0.25(mm)
IC 480-70887/12		07/02/2012 21:23	1		ZB-624 (60) 0.25(mm)
IC 480-70887/13		07/02/2012 21:47	1		ZB-624 (60) 0.25(mm)
IC 480-70887/14		07/02/2012 22:11	1		ZB-624 (60) 0.25(mm)
IC 480-70887/15		07/02/2012 22:34	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973N Start Date: 07/09/2012 21:21

Analysis Batch Number: 71650 End Date: 07/10/2012 02:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-71650/1		07/09/2012 21:21	1	N8733.D	ZB-624 (60) 0.25(mm)
CCVIS 480-71650/2		07/09/2012 22:13	1	N8734.D	ZB-624 (60) 0.25(mm)
CCV 480-71650/3		07/09/2012 22:53	1		ZB-624 (60) 0.25(mm)
LCS 480-71650/4		07/09/2012 23:16	1	N8736.D	ZB-624 (60) 0.25(mm)
MB 480-71650/5		07/09/2012 23:40	1	N8737.D	ZB-624 (60) 0.25(mm)
480-22257-4	Rinse	07/10/2012 02:32	1	N8742.D	ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973Q Start Date: 06/05/2012 11:56

Analysis Batch Number: 67116 End Date: 06/05/2012 16:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-67116/1		06/05/2012 11:56	1	Q0926.D	ZB-624 (60) 0.25(mm)
IC 480-67116/3		06/05/2012 12:35	1	Q0928.D	ZB-624 (60) 0.25(mm)
IC 480-67116/4		06/05/2012 13:04	1	Q0929.D	ZB-624 (60) 0.25(mm)
IC 480-67116/5		06/05/2012 13:31	1	Q0930.D	ZB-624 (60) 0.25(mm)
ICIS 480-67116/6		06/05/2012 14:00	1	Q0931.D	ZB-624 (60) 0.25(mm)
IC 480-67116/7		06/05/2012 14:28	1	Q0932.D	ZB-624 (60) 0.25(mm)
IC 480-67116/8		06/05/2012 14:56	1	Q0933.D	ZB-624 (60) 0.25(mm)
MDLV 480-67116/10		06/05/2012 16:04	1		ZB-624 (60) 0.25(mm)
ICV 480-67116/11		06/05/2012 16:32	1		ZB-624 (60) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-22187-1

SDG No.:

Instrument ID: HP5973Q Start Date: 07/09/2012 09:25

Analysis Batch Number: 71523 End Date: 07/09/2012 21:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-71523/1		07/09/2012 09:25	1	Q1688.D	ZB-624 (60) 0.25(mm)
CCVIS 480-71523/2		07/09/2012 09:47	1	Q1689.D	ZB-624 (60) 0.25(mm)
LCS 480-71523/3		07/09/2012 10:15	1	Q1690.D	ZB-624 (60) 0.25(mm)
MB 480-71523/5		07/09/2012 11:14	1	Q1692.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 11:42	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 12:10	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 12:38	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 13:06	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 13:34	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 14:02	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 14:30	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 14:58	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 15:26	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 15:55	10		ZB-624 (60) 0.25(mm)
480-22187-1	MW-10	07/09/2012 16:23	1	Q1703.D	ZB-624 (60) 0.25(mm)
480-22187-2	MW-11	07/09/2012 16:51	1	Q1704.D	ZB-624 (60) 0.25(mm)
480-22187-3	MW-12	07/09/2012 17:19	1	Q1705.D	ZB-624 (60) 0.25(mm)
480-22187-4	MW-2	07/09/2012 17:47	1	Q1706.D	ZB-624 (60) 0.25(mm)
480-22187-5	MW-3	07/09/2012 18:15	1	Q1707.D	ZB-624 (60) 0.25(mm)
480-22187-6	MW-6	07/09/2012 18:43	1	Q1708.D	ZB-624 (60) 0.25(mm)
480-22187-7	Trip Blank	07/09/2012 19:11	1	Q1709.D	ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 19:39	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 20:07	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 20:35	1		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 21:04	10		ZB-624 (60) 0.25(mm)
ZZZZZ		07/09/2012 21:32	10		ZB-624 (60) 0.25(mm)

Shipping and Receiving Documents

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Emily Laity	Lab PM: Fischer, Brian	Carrier Tracking No(s):	COC No: 480-25443-6509.1
Client Contact: Mr. Dino Zack	Phone: 716-836-4506	E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 1
Company: AECOM, Inc.				Job #:
Address: 100 Corporate Parkway Suite 341	Due Date Requested:			
City: Amherst	TAT Requested (days): Standard, per contract.			
State, Zip: NY, 14226				
Phone:	PO #: Purchase Order not required			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Aviation site	Project #: 48002539			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field-Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-2	7/5/12	11:30	G	Water			3		
MW-3	7/5/12	13:25	G	Water			3		
[illegible]				Water					
MW-6	7/5/12	15:00	G	Water			3		
MW-10	7/5/12	15:55	G	Water			3		
MW-11	7/5/12	12:30	G	Water			3		
MW-12	7/5/12	14:10	G	Water			3		
MW-16S				Water					
[illegible]				Water					
[illegible]				Water					
TRIP BLANK	7/5/12	—	TRIP				2		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	7/5/12 18:00	AECOM	[signature]	7/5/12	TAW
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.9 IR3

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Emily Laity	Lab PM: Fischer, Brian	Carrier Tracking No(s):	COC No: 480-25443-6509.1
Client Contact: Mr. Dino Zack	Phone: 716-836-4506	E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 1
Company: AECOM, Inc.				Job #:
Address: 100 Corporate Parkway Suite 341	Due Date Requested:			
City: Amherst	TAT Requested (days): standard, per contract			
State, Zip: NY, 14226				
Phone:	PO #: Purchase Order not required			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Aviation site	Project #: 48002539			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
~~MW-2~~				Water					
~~MW-3~~				Water					
MW-4	7/6/12	8:50	G	Water			3		
~~MW-8~~				Water					
~~MW-10~~				Water					
~~MW-11~~				Water					
~~MW-12~~				Water					
MW-16S	7/6/12	10:05	G	Water			3		
Duplicate	7/6/12	8:00	G	Water			3		
Rinse	7/6/12	9:15	G	Water			3		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 7/6/12 16:05	Company AECOM	Received by:	Date/Time: 7-6-12 1605	Company TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.8 + 2

Page 342 of 344

07/17/2012

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-22187-1

Login Number: 22187

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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	
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.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
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	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-22187-1

Login Number: 22257

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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	
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.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
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	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

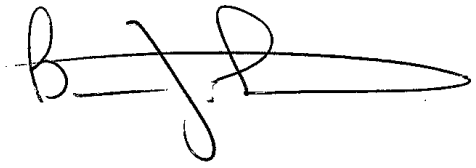
ANALYTICAL REPORT

Job Number: 480-22291-1

Job Description: Scott Aviation site

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, NY 14226

Attention: Mr. Dino Zack



Approved for release.
Brian Fischer
Project Manager II
7/19/2012 11:11 AM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
07/19/2012

cc: Ms. Helen Jones

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Table of Contents

Table of Contents

Comments
No additional comments.

Receipt
The samples were received on 7/7/2012 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air Toxics
No analytical or quality issues were noted.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 38736

Lab Sample ID: IC 200-38736/3 Client Sample ID:

Date Analyzed: 05/15/12 10:01 Lab File ID: ggo003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	4.42	Baseline event	wrd	05/15/12 15:20

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 41805

Lab Sample ID: CCVIS 200-41805/2 Client Sample ID:

Date Analyzed: 07/12/12 14:34 Lab File ID: ggoal002.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.68	Poor chromatography	ahk	07/12/12 16:08
Acetonitrile	7.70	Poor chromatography	ahk	07/12/12 16:05

Lab Sample ID: LCS 200-41805/3 Client Sample ID:

Date Analyzed: 07/12/12 15:26 Lab File ID: ggoal003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	7.68	Not specified	jd1	07/16/12 09:55

SAMPLE SUMMARY

Client: AECOM, Inc. Job Number: 480-22291-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-22291-1	AS Effluent	Air	07/06/2012 1205	07/07/2012 1030
480-22291-2	LRP Effluent	Air	07/06/2012 1210	07/07/2012 1030

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc. Job Number: 480-22291-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-22291-1	**AS EFFLUENT**					
Dichlorodifluoromethane		0.54		0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.7		2.5	ug/m3	TO-15
Chloromethane		0.69		0.50	ppb v/v	TO-15
Chloromethane		1.4		1.0	ug/m3	TO-15
Chloroethane		1.3		0.50	ppb v/v	TO-15
Chloroethane		3.4		1.3	ug/m3	TO-15
Trichlorofluoromethane		0.23		0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3		1.1	ug/m3	TO-15
Acetone		5.5		5.0	ppb v/v	TO-15
Acetone		13		12	ug/m3	TO-15
n-Hexane		0.39		0.20	ppb v/v	TO-15
n-Hexane		1.4		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.2		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		3.5		1.5	ug/m3	TO-15
cis-1,2-Dichloroethene		1.6		0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		6.5		0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		1.6		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		6.5		0.79	ug/m3	TO-15
Benzene		0.29		0.20	ppb v/v	TO-15
Benzene		0.93		0.64	ug/m3	TO-15
Trichloroethene		1.6		0.20	ppb v/v	TO-15
Trichloroethene		8.4		1.1	ug/m3	TO-15
Toluene		1.5		0.20	ppb v/v	TO-15
Toluene		5.5		0.75	ug/m3	TO-15
Xylene (total)		0.66		0.20	ppb v/v	TO-15
Xylene (total)		2.8		0.87	ug/m3	TO-15
1,3-Dichlorobenzene		2.5		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		15		1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc. Job Number: 480-22291-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-22291-2	**LRP EFFLUENT**					
Vinyl chloride		600		70	ppb v/v	TO-15
Vinyl chloride		1500		180	ug/m3	TO-15
1,1-Dichloroethene		72		70	ppb v/v	TO-15
1,1-Dichloroethene		290		280	ug/m3	TO-15
1,1-Dichloroethane		210		70	ppb v/v	TO-15
1,1-Dichloroethane		860		280	ug/m3	TO-15
cis-1,2-Dichloroethene		8500		70	ppb v/v	TO-15
cis-1,2-Dichloroethene		34000		280	ug/m3	TO-15
1,2-Dichloroethene, Total		8600		70	ppb v/v	TO-15
1,2-Dichloroethene, Total		34000		280	ug/m3	TO-15
1,1,1-Trichloroethane		160		70	ppb v/v	TO-15
1,1,1-Trichloroethane		850		380	ug/m3	TO-15
Trichloroethene		11000		70	ppb v/v	TO-15
Trichloroethene		58000		380	ug/m3	TO-15

METHOD SUMMARY

Client: AECOM, Inc. Job Number: 480-22291-1

Description	Lab Location	Method	Preparation Method
Matrix Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: AECOM, Inc. Job Number: 480-22291-1

Method	Analyst	Analyst ID
EPA TO-15	Keene, Angela H	AHK

Client: AECOM, Inc. Job Number: 480-22291-1

Client Sample ID: **AS Effluent**

Lab Sample ID: 480-22291-1 Date Sampled: 07/06/2012 1205
Client Matrix: Air Date Received: 07/07/2012 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-41805	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggoal008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1938			Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1938			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	0.54		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	0.69		0.50	0.50
Vinyl chloride	ND		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	1.3		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	0.23		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
Acetone	5.5		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	ND		0.50	0.50
3-Chloropropene	ND		0.50	0.50
Methylene Chloride	ND		0.50	0.50
tert-Butyl alcohol	ND		5.0	5.0
Methyl tert-butyl ether	ND		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
n-Hexane	0.39		0.20	0.20
1,1-Dichloroethane	ND		0.20	0.20
Methyl Ethyl Ketone	1.2		0.50	0.50
cis-1,2-Dichloroethene	1.6		0.20	0.20
1,2-Dichloroethene, Total	1.6		0.20	0.20
Chloroform	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
1,1,1-Trichloroethane	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Carbon tetrachloride	ND		0.20	0.20
2,2,4-Trimethylpentane	ND		0.20	0.20
Benzene	0.29		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	ND		0.20	0.20
Trichloroethene	1.6		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
Bromodichloromethane	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
methyl isobutyl ketone	ND		0.50	0.50
Toluene	1.5		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
Tetrachloroethene	ND		0.20	0.20
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Dibromochloromethane	ND		0.20	0.20
1,2-Dibromoethane	ND		0.20	0.20

Client: AECOM, Inc. Job Number: 480-22291-1

Client Sample ID: **AS Effluent**

Lab Sample ID: 480-22291-1 Date Sampled: 07/06/2012 1205
Client Matrix: Air Date Received: 07/07/2012 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-41805	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggoal008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1938			Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1938			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		0.20	0.20
Ethylbenzene	ND		0.20	0.20
m,p-Xylene	ND		0.50	0.50
Xylene, o-	ND		0.20	0.20
Xylene (total)	0.66		0.20	0.20
Styrene	ND		0.20	0.20
Bromoform	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
4-Ethyltoluene	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,3-Dichlorobenzene	2.5		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
Hexachlorobutadiene	ND		0.20	0.20

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	2.7		2.5	2.5
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
Chloromethane	1.4		1.0	1.0
Vinyl chloride	ND		0.51	0.51
1,3-Butadiene	ND		0.44	0.44
Bromomethane	ND		0.78	0.78
Chloroethane	3.4		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Trichlorofluoromethane	1.3		1.1	1.1
Freon TF	ND		1.5	1.5
1,1-Dichloroethene	ND		0.79	0.79
Acetone	13		12	12
Isopropyl alcohol	ND		12	12
Carbon disulfide	ND		1.6	1.6
3-Chloropropene	ND		1.6	1.6
Methylene Chloride	ND		1.7	1.7
tert-Butyl alcohol	ND		15	15
Methyl tert-butyl ether	ND		0.72	0.72
trans-1,2-Dichloroethene	ND		0.79	0.79
n-Hexane	1.4		0.70	0.70
1,1-Dichloroethane	ND		0.81	0.81
Methyl Ethyl Ketone	3.5		1.5	1.5
cis-1,2-Dichloroethene	6.5		0.79	0.79
1,2-Dichloroethene, Total	6.5		0.79	0.79
Chloroform	ND		0.98	0.98
Tetrahydrofuran	ND		15	15
1,1,1-Trichloroethane	ND		1.1	1.1

Client: AECOM, Inc. Job Number: 480-22291-1

Client Sample ID: **AS Effluent**

Lab Sample ID: 480-22291-1 Date Sampled: 07/06/2012 1205
Client Matrix: Air Date Received: 07/07/2012 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-41805	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggoal008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1938			Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1938			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		0.69	0.69
Carbon tetrachloride	ND		1.3	1.3
2,2,4-Trimethylpentane	ND		0.93	0.93
Benzene	0.93		0.64	0.64
1,2-Dichloroethane	ND		0.81	0.81
n-Heptane	ND		0.82	0.82
Trichloroethene	8.4		1.1	1.1
1,2-Dichloropropane	ND		0.92	0.92
1,4-Dioxane	ND		18	18
Bromodichloromethane	ND		1.3	1.3
cis-1,3-Dichloropropene	ND		0.91	0.91
methyl isobutyl ketone	ND		2.0	2.0
Toluene	5.5		0.75	0.75
trans-1,3-Dichloropropene	ND		0.91	0.91
1,1,2-Trichloroethane	ND		1.1	1.1
Tetrachloroethene	ND		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0
Dibromochloromethane	ND		1.7	1.7
1,2-Dibromoethane	ND		1.5	1.5
Chlorobenzene	ND		0.92	0.92
Ethylbenzene	ND		0.87	0.87
m,p-Xylene	ND		2.2	2.2
Xylene, o-	ND		0.87	0.87
Xylene (total)	2.8		0.87	0.87
Styrene	ND		0.85	0.85
Bromoform	ND		2.1	2.1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4
4-Ethyltoluene	ND		0.98	0.98
1,3,5-Trimethylbenzene	ND		0.98	0.98
2-Chlorotoluene	ND		1.0	1.0
1,2,4-Trimethylbenzene	ND		0.98	0.98
1,3-Dichlorobenzene	15		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,2-Dichlorobenzene	ND		1.2	1.2
1,2,4-Trichlorobenzene	ND		3.7	3.7
Hexachlorobutadiene	ND		2.1	2.1

Client: AECOM, Inc. Job Number: 480-22291-1

Client Sample ID: **LRP Effluent**

Lab Sample ID: 480-22291-2 Date Sampled: 07/06/2012 1210
Client Matrix: Air Date Received: 07/07/2012 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-41805	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggoal009.d
Dilution:	349			Initial Weight/Volume:	31 mL
Analysis Date:	07/12/2012 2028			Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 2028			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		170	170
1,2-Dichlorotetrafluoroethane	ND		70	70
Chloromethane	ND		170	170
Vinyl chloride	600		70	70
1,3-Butadiene	ND		70	70
Bromomethane	ND		70	70
Chloroethane	ND		170	170
Bromoethene(Vinyl Bromide)	ND		70	70
Trichlorofluoromethane	ND		70	70
Freon TF	ND		70	70
1,1-Dichloroethene	72		70	70
Acetone	ND		1700	1700
Isopropyl alcohol	ND		1700	1700
Carbon disulfide	ND		170	170
3-Chloropropene	ND		170	170
Methylene Chloride	ND		170	170
tert-Butyl alcohol	ND		1700	1700
Methyl tert-butyl ether	ND		70	70
trans-1,2-Dichloroethene	ND		70	70
n-Hexane	ND		70	70
1,1-Dichloroethane	210		70	70
Methyl Ethyl Ketone	ND		170	170
cis-1,2-Dichloroethene	8500		70	70
1,2-Dichloroethene, Total	8600		70	70
Chloroform	ND		70	70
Tetrahydrofuran	ND		1700	1700
1,1,1-Trichloroethane	160		70	70
Cyclohexane	ND		70	70
Carbon tetrachloride	ND		70	70
2,2,4-Trimethylpentane	ND		70	70
Benzene	ND		70	70
1,2-Dichloroethane	ND		70	70
n-Heptane	ND		70	70
Trichloroethene	11000		70	70
1,2-Dichloropropane	ND		70	70
1,4-Dioxane	ND		1700	1700
Bromodichloromethane	ND		70	70
cis-1,3-Dichloropropene	ND		70	70
methyl isobutyl ketone	ND		170	170
Toluene	ND		70	70
trans-1,3-Dichloropropene	ND		70	70
1,1,2-Trichloroethane	ND		70	70
Tetrachloroethene	ND		70	70
Methyl Butyl Ketone (2-Hexanone)	ND		170	170
Dibromochloromethane	ND		70	70
1,2-Dibromoethane	ND		70	70

Client: AECOM, Inc. Job Number: 480-22291-1

Client Sample ID: **LRP Effluent**

Lab Sample ID: 480-22291-2 Date Sampled: 07/06/2012 1210
Client Matrix: Air Date Received: 07/07/2012 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-41805	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggoal009.d
Dilution:	349			Initial Weight/Volume:	31 mL
Analysis Date:	07/12/2012 2028			Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 2028			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		70	70
Ethylbenzene	ND		70	70
m,p-Xylene	ND		170	170
Xylene, o-	ND		70	70
Xylene (total)	ND		70	70
Styrene	ND		70	70
Bromoform	ND		70	70
1,1,2,2-Tetrachloroethane	ND		70	70
4-Ethyltoluene	ND		70	70
1,3,5-Trimethylbenzene	ND		70	70
2-Chlorotoluene	ND		70	70
1,2,4-Trimethylbenzene	ND		70	70
1,3-Dichlorobenzene	ND		70	70
1,4-Dichlorobenzene	ND		70	70
1,2-Dichlorobenzene	ND		70	70
1,2,4-Trichlorobenzene	ND		170	170
Hexachlorobutadiene	ND		70	70

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		860	860
1,2-Dichlorotetrafluoroethane	ND		490	490
Chloromethane	ND		360	360
Vinyl chloride	1500		180	180
1,3-Butadiene	ND		150	150
Bromomethane	ND		270	270
Chloroethane	ND		460	460
Bromoethene(Vinyl Bromide)	ND		310	310
Trichlorofluoromethane	ND		390	390
Freon TF	ND		530	530
1,1-Dichloroethene	290		280	280
Acetone	ND		4100	4100
Isopropyl alcohol	ND		4300	4300
Carbon disulfide	ND		540	540
3-Chloropropene	ND		550	550
Methylene Chloride	ND		610	610
tert-Butyl alcohol	ND		5300	5300
Methyl tert-butyl ether	ND		250	250
trans-1,2-Dichloroethene	ND		280	280
n-Hexane	ND		250	250
1,1-Dichloroethane	860		280	280
Methyl Ethyl Ketone	ND		510	510
cis-1,2-Dichloroethene	34000		280	280
1,2-Dichloroethene, Total	34000		280	280
Chloroform	ND		340	340
Tetrahydrofuran	ND		5100	5100
1,1,1-Trichloroethane	850		380	380

Client: AECOM, Inc. Job Number: 480-22291-1

Client Sample ID: **LRP Effluent**

Lab Sample ID: 480-22291-2 Date Sampled: 07/06/2012 1210
Client Matrix: Air Date Received: 07/07/2012 1030

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-41805	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggoal009.d
Dilution:	349			Initial Weight/Volume:	31 mL
Analysis Date:	07/12/2012 2028			Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 2028			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		240	240
Carbon tetrachloride	ND		440	440
2,2,4-Trimethylpentane	ND		330	330
Benzene	ND		220	220
1,2-Dichloroethane	ND		280	280
n-Heptane	ND		290	290
Trichloroethene	58000		380	380
1,2-Dichloropropane	ND		320	320
1,4-Dioxane	ND		6300	6300
Bromodichloromethane	ND		470	470
cis-1,3-Dichloropropene	ND		320	320
methyl isobutyl ketone	ND		710	710
Toluene	ND		260	260
trans-1,3-Dichloropropene	ND		320	320
1,1,2-Trichloroethane	ND		380	380
Tetrachloroethene	ND		470	470
Methyl Butyl Ketone (2-Hexanone)	ND		720	720
Dibromochloromethane	ND		590	590
1,2-Dibromoethane	ND		540	540
Chlorobenzene	ND		320	320
Ethylbenzene	ND		300	300
m,p-Xylene	ND		760	760
Xylene, o-	ND		300	300
Xylene (total)	ND		300	300
Styrene	ND		300	300
Bromoform	ND		720	720
1,1,2,2-Tetrachloroethane	ND		480	480
4-Ethyltoluene	ND		340	340
1,3,5-Trimethylbenzene	ND		340	340
2-Chlorotoluene	ND		360	360
1,2,4-Trimethylbenzene	ND		340	340
1,3-Dichlorobenzene	ND		420	420
1,4-Dichlorobenzene	ND		420	420
1,2-Dichlorobenzene	ND		420	420
1,2,4-Trichlorobenzene	ND		1300	1300
Hexachlorobutadiene	ND		740	740

Client: AECOM, Inc. Job Number: 480-22291-1

Method Blank - Batch: 200-41805

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-41805/4	Analysis Batch:	200-41805	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggoal004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1620	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1620			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	ND		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	ND		0.50	0.50
Vinyl chloride	ND		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	ND		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	ND		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	ND		0.50	0.50
3-Chloropropene	ND		0.50	0.50
Methylene Chloride	ND		0.50	0.50
tert-Butyl alcohol	ND		5.0	5.0
Methyl tert-butyl ether	ND		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
n-Hexane	ND		0.20	0.20
1,1-Dichloroethane	ND		0.20	0.20
Methyl Ethyl Ketone	ND		0.50	0.50
cis-1,2-Dichloroethene	ND		0.20	0.20
1,2-Dichloroethene, Total	ND		0.20	0.20
Chloroform	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
1,1,1-Trichloroethane	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Carbon tetrachloride	ND		0.20	0.20
2,2,4-Trimethylpentane	ND		0.20	0.20
Benzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	ND		0.20	0.20
Trichloroethene	ND		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
Bromodichloromethane	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
methyl isobutyl ketone	ND		0.50	0.50
Toluene	ND		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
Tetrachloroethene	ND		0.20	0.20
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Dibromochloromethane	ND		0.20	0.20

Client: AECOM, Inc. Job Number: 480-22291-1

Method Blank - Batch: 200-41805

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-41805/4	Analysis Batch:	200-41805	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggoal004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1620	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1620			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	ND		0.20	0.20
Chlorobenzene	ND		0.20	0.20
Ethylbenzene	ND		0.20	0.20
m,p-Xylene	ND		0.50	0.50
Xylene, o-	ND		0.20	0.20
Xylene (total)	ND		0.20	0.20
Styrene	ND		0.20	0.20
Bromoform	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
4-Ethyltoluene	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,3-Dichlorobenzene	ND		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
Hexachlorobutadiene	ND		0.20	0.20

Client: AECOM, Inc. Job Number: 480-22291-1

Method Blank - Batch: 200-41805

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-41805/4	Analysis Batch:	200-41805	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggoal004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1620	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1620			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	ND		2.5	2.5
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
Chloromethane	ND		1.0	1.0
Vinyl chloride	ND		0.51	0.51
1,3-Butadiene	ND		0.44	0.44
Bromomethane	ND		0.78	0.78
Chloroethane	ND		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Trichlorofluoromethane	ND		1.1	1.1
Freon TF	ND		1.5	1.5
1,1-Dichloroethene	ND		0.79	0.79
Acetone	ND		12	12
Isopropyl alcohol	ND		12	12
Carbon disulfide	ND		1.6	1.6
3-Chloropropene	ND		1.6	1.6
Methylene Chloride	ND		1.7	1.7
tert-Butyl alcohol	ND		15	15
Methyl tert-butyl ether	ND		0.72	0.72
trans-1,2-Dichloroethene	ND		0.79	0.79
n-Hexane	ND		0.70	0.70
1,1-Dichloroethane	ND		0.81	0.81
Methyl Ethyl Ketone	ND		1.5	1.5
cis-1,2-Dichloroethene	ND		0.79	0.79
1,2-Dichloroethene, Total	ND		0.79	0.79
Chloroform	ND		0.98	0.98
Tetrahydrofuran	ND		15	15
1,1,1-Trichloroethane	ND		1.1	1.1
Cyclohexane	ND		0.69	0.69
Carbon tetrachloride	ND		1.3	1.3
2,2,4-Trimethylpentane	ND		0.93	0.93
Benzene	ND		0.64	0.64
1,2-Dichloroethane	ND		0.81	0.81
n-Heptane	ND		0.82	0.82
Trichloroethene	ND		1.1	1.1
1,2-Dichloropropane	ND		0.92	0.92
1,4-Dioxane	ND		18	18
Bromodichloromethane	ND		1.3	1.3
cis-1,3-Dichloropropene	ND		0.91	0.91
methyl isobutyl ketone	ND		2.0	2.0
Toluene	ND		0.75	0.75
trans-1,3-Dichloropropene	ND		0.91	0.91
1,1,2-Trichloroethane	ND		1.1	1.1
Tetrachloroethene	ND		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0
Dibromochloromethane	ND		1.7	1.7

Client: AECOM, Inc. Job Number: 480-22291-1

Method Blank - Batch: 200-41805

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-41805/4	Analysis Batch:	200-41805	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggoal004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1620	Units:	ug/m3	Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1620			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	ND		1.5	1.5
Chlorobenzene	ND		0.92	0.92
Ethylbenzene	ND		0.87	0.87
m,p-Xylene	ND		2.2	2.2
Xylene, o-	ND		0.87	0.87
Xylene (total)	ND		0.87	0.87
Styrene	ND		0.85	0.85
Bromoform	ND		2.1	2.1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4
4-Ethyltoluene	ND		0.98	0.98
1,3,5-Trimethylbenzene	ND		0.98	0.98
2-Chlorotoluene	ND		1.0	1.0
1,2,4-Trimethylbenzene	ND		0.98	0.98
1,3-Dichlorobenzene	ND		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,2-Dichlorobenzene	ND		1.2	1.2
1,2,4-Trichlorobenzene	ND		3.7	3.7
Hexachlorobutadiene	ND		2.1	2.1

Client: AECOM, Inc. Job Number: 480-22291-1

Lab Control Sample - Batch: 200-41805

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-41805/3	Analysis Batch:	200-41805	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggoal003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1526	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1526			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.0	110	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.18	92	70 - 130	
Chloromethane	10.0	8.09	81	70 - 130	
Vinyl chloride	10.0	8.23	82	70 - 130	
1,3-Butadiene	10.0	8.38	84	70 - 130	
Bromomethane	10.0	8.75	88	70 - 130	
Chloroethane	10.0	9.46	95	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.80	98	70 - 130	
Trichlorofluoromethane	10.0	10.2	102	70 - 130	
Freon TF	10.0	10.7	107	70 - 130	
1,1-Dichloroethene	10.0	10.2	102	70 - 130	
Acetone	10.0	7.61	76	70 - 130	
Isopropyl alcohol	10.0	7.99	80	70 - 130	
Carbon disulfide	10.0	9.36	94	70 - 130	
3-Chloropropene	10.0	8.41	84	70 - 130	
Methylene Chloride	10.0	8.67	87	70 - 130	
tert-Butyl alcohol	10.0	9.18	92	70 - 130	
Methyl tert-butyl ether	10.0	8.85	89	70 - 130	
trans-1,2-Dichloroethene	10.0	9.20	92	70 - 130	
n-Hexane	10.0	8.41	84	70 - 130	
1,1-Dichloroethane	10.0	8.94	89	70 - 130	
Methyl Ethyl Ketone	10.0	7.60	76	70 - 130	
cis-1,2-Dichloroethene	10.0	9.21	92	70 - 130	
Chloroform	10.0	9.50	95	70 - 130	
Tetrahydrofuran	10.0	7.40	74	70 - 130	
1,1,1-Trichloroethane	10.0	10.3	103	70 - 130	
Cyclohexane	10.0	9.13	91	70 - 130	
Carbon tetrachloride	10.0	10.7	107	70 - 130	
2,2,4-Trimethylpentane	10.0	8.55	85	70 - 130	
Benzene	10.0	8.53	85	70 - 130	
1,2-Dichloroethane	10.0	10.0	100	70 - 130	
n-Heptane	10.0	7.89	79	70 - 130	
Trichloroethene	10.0	9.16	92	70 - 130	
1,2-Dichloropropane	10.0	8.15	82	70 - 130	
1,4-Dioxane	10.0	8.12	81	70 - 130	
Bromodichloromethane	10.0	10.2	102	70 - 130	
cis-1,3-Dichloropropene	10.0	8.53	85	70 - 130	
methyl isobutyl ketone	10.0	8.36	84	70 - 130	
Toluene	10.0	8.23	82	70 - 130	
trans-1,3-Dichloropropene	10.0	8.89	89	70 - 130	
1,1,2-Trichloroethane	10.0	7.88	79	70 - 130	
Tetrachloroethene	10.0	9.41	94	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	8.02	80	70 - 130	
Dibromochloromethane	10.0	9.92	99	70 - 130	
1,2-Dibromoethane	10.0	8.08	81	70 - 130	
Chlorobenzene	10.0	8.24	82	70 - 130	

Client: AECOM, Inc.

Job Number: 480-22291-1

Lab Control Sample - Batch: 200-41805

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-41805/3	Analysis Batch:	200-41805	Instrument ID:	G.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	ggoal003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 mL
Analysis Date:	07/12/2012 1526	Units:	ppb v/v	Final Weight/Volume:	200 mL
Prep Date:	07/12/2012 1526			Injection Volume:	200 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylbenzene	10.0	8.34	83	70 - 130	
m,p-Xylene	20.0	16.7	84	70 - 130	
Xylene, o-	10.0	7.97	80	70 - 130	
Styrene	10.0	8.39	84	70 - 130	
Bromoform	10.0	11.2	112	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	7.85	79	70 - 130	
4-Ethyltoluene	10.0	9.06	91	70 - 130	
1,3,5-Trimethylbenzene	10.0	8.34	83	70 - 130	
2-Chlorotoluene	10.0	8.57	86	70 - 130	
1,2,4-Trimethylbenzene	10.0	8.29	83	70 - 130	
1,3-Dichlorobenzene	10.0	9.20	92	70 - 130	
1,4-Dichlorobenzene	10.0	9.20	92	70 - 130	
1,2-Dichlorobenzene	10.0	8.81	88	70 - 130	
1,2,4-Trichlorobenzene	10.0	10.6	106	70 - 130	
Hexachlorobutadiene	10.0	11.3	113	70 - 130	

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: AECOM, Inc. Job Number: 480-22291-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-41805					
LCS 200-41805/3	Lab Control Sample	T	Air	TO-15	
MB 200-41805/4	Method Blank	T	Air	TO-15	
480-22291-1	AS Effluent	T	Air	TO-15	
480-22291-2	LRP Effluent	T	Air	TO-15	

Report Basis
T = Total

Client: AECOM, Inc. Job Number: 480-22291-1

Laboratory Chronicle

Lab ID: 480-22291-1 **Client ID:** AS Effluent

Sample Date/Time: 07/06/2012 12:05 Received Date/Time: 07/07/2012 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-22291-A-1		200-41805		07/12/2012 19:38	1	TAL BUR	AHK
A:TO-15	480-22291-A-1		200-41805		07/12/2012 19:38	1	TAL BUR	AHK

Lab ID: 480-22291-2 **Client ID:** LRP Effluent

Sample Date/Time: 07/06/2012 12:10 Received Date/Time: 07/07/2012 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-22291-A-2		200-41805		07/12/2012 20:28	349	TAL BUR	AHK
A:TO-15	480-22291-A-2		200-41805		07/12/2012 20:28	349	TAL BUR	AHK

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:Summa Canister	MB 200-41805/4		200-41805		07/12/2012 16:20	1	TAL BUR	AHK
A:TO-15	MB 200-41805/4		200-41805		07/12/2012 16:20	1	TAL BUR	AHK

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:Summa Canister	LCS 200-41805/3		200-41805		07/12/2012 15:26	1	TAL BUR	AHK
A:TO-15	LCS 200-41805/3		200-41805		07/12/2012 15:26	1	TAL BUR	AHK

Lab References:
TAL BUR = TestAmerica Burlington

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-22291-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAC	4	E87467
TestAmerica Burlington	Louisiana	NELAC	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAC	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TO15

Volatile Organic Compounds in Ambient Air

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggoal003.d

Lab ID: LCS 200-41805/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.0	110	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.18	92	70-130	
Chloromethane	10.0	8.09	81	70-130	
Vinyl chloride	10.0	8.23	82	70-130	
1,3-Butadiene	10.0	8.38	84	70-130	
Bromomethane	10.0	8.75	88	70-130	
Chloroethane	10.0	9.46	95	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.80	98	70-130	
Trichlorofluoromethane	10.0	10.2	102	70-130	
Freon TF	10.0	10.7	107	70-130	
1,1-Dichloroethene	10.0	10.2	102	70-130	
Acetone	10.0	7.61	76	70-130	
Isopropyl alcohol	10.0	7.99	80	70-130	
Carbon disulfide	10.0	9.36	94	70-130	
3-Chloropropene	10.0	8.41	84	70-130	
Methylene Chloride	10.0	8.67	87	70-130	
tert-Butyl alcohol	10.0	9.18	92	70-130	
Methyl tert-butyl ether	10.0	8.85	89	70-130	
trans-1,2-Dichloroethene	10.0	9.20	92	70-130	
n-Hexane	10.0	8.41	84	70-130	
1,1-Dichloroethane	10.0	8.94	89	70-130	
Methyl Ethyl Ketone	10.0	7.60	76	70-130	
cis-1,2-Dichloroethene	10.0	9.21	92	70-130	
Chloroform	10.0	9.50	95	70-130	
Tetrahydrofuran	10.0	7.40	74	70-130	
1,1,1-Trichloroethane	10.0	10.3	103	70-130	
Cyclohexane	10.0	9.13	91	70-130	
Carbon tetrachloride	10.0	10.7	107	70-130	
2,2,4-Trimethylpentane	10.0	8.55	85	70-130	
Benzene	10.0	8.53	85	70-130	
1,2-Dichloroethane	10.0	10.0	100	70-130	
n-Heptane	10.0	7.89	79	70-130	
Trichloroethene	10.0	9.16	92	70-130	
1,2-Dichloropropane	10.0	8.15	82	70-130	
1,4-Dioxane	10.0	8.12	81	70-130	
Bromodichloromethane	10.0	10.2	102	70-130	
cis-1,3-Dichloropropene	10.0	8.53	85	70-130	
methyl isobutyl ketone	10.0	8.36	84	70-130	
Toluene	10.0	8.23	82	70-130	
trans-1,3-Dichloropropene	10.0	8.89	89	70-130	
1,1,2-Trichloroethane	10.0	7.88	79	70-130	
Tetrachloroethene	10.0	9.41	94	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Matrix: Air Level: Low Lab File ID: ggoal003.d

Lab ID: LCS 200-41805/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	8.02	80	70-130	
Dibromochloromethane	10.0	9.92	99	70-130	
1,2-Dibromoethane	10.0	8.08	81	70-130	
Chlorobenzene	10.0	8.24	82	70-130	
Ethylbenzene	10.0	8.34	83	70-130	
m,p-Xylene	20.0	16.7	84	70-130	
Xylene, o-	10.0	7.97	80	70-130	
Styrene	10.0	8.39	84	70-130	
Bromoform	10.0	11.2	112	70-130	
1,1,2,2-Tetrachloroethane	10.0	7.85	79	70-130	
4-Ethyltoluene	10.0	9.06	91	70-130	
1,3,5-Trimethylbenzene	10.0	8.34	83	70-130	
2-Chlorotoluene	10.0	8.57	86	70-130	
1,2,4-Trimethylbenzene	10.0	8.29	83	70-130	
1,3-Dichlorobenzene	10.0	9.20	92	70-130	
1,4-Dichlorobenzene	10.0	9.20	92	70-130	
1,2-Dichlorobenzene	10.0	8.81	88	70-130	
1,2,4-Trichlorobenzene	10.0	10.6	106	70-130	
Hexachlorobutadiene	10.0	11.3	113	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab File ID: ggoal004.d Lab Sample ID: MB 200-41805/4

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

Instrument ID: G.i Date Analyzed: 07/12/2012 16:20

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-41805/3	ggoal003.d	07/12/2012 15:26
AS Effluent	480-22291-1	ggoal008.d	07/12/2012 19:38
LRP Effluent	480-22291-2	ggoal009.d	07/12/2012 20:28

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab File ID: ggo001.d BFB Injection Date: 05/15/2012

Instrument ID: G.i BFB Injection Time: 08:22

Analysis Batch No.: 38736

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.4	
75	30.0 - 66.0% of mass 95	42.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	103.9	
175	4.0 - 9.0 % of mass 174	7.2	(6.9)1
176	93.0 - 101.0% of mass 174	101.4	(97.6)1
177	5.0 - 9.0% of mass 176	6.5	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-38736/3	ggo003.d	05/15/2012	10:01
	IC 200-38736/4	ggo004.d	05/15/2012	10:52
	IC 200-38736/5	ggo005.d	05/15/2012	11:42
	IC 200-38736/6	ggo006.d	05/15/2012	12:32
	ICIS 200-38736/7	ggo007.d	05/15/2012	13:22
	IC 200-38736/8	ggo008.d	05/15/2012	14:13
	IC 200-38736/9	ggo009.d	05/15/2012	15:03
	IC 200-38736/10	ggo010.d	05/15/2012	15:53
	ICV 200-38736/12	ggo012.d	05/15/2012	17:33

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab File ID: ggoal001.d BFB Injection Date: 07/12/2012

Instrument ID: G.i BFB Injection Time: 13:43

Analysis Batch No.: 41805

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.1	
75	30.0 - 66.0% of mass 95	42.7	
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	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	105.9	
175	4.0 - 9.0 % of mass 174	7.5	(7.1)1
176	93.0 - 101.0% of mass 174	104.4	(98.6)1
177	5.0 - 9.0% of mass 176	6.8	(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
	CCVIS 200-41805/2	ggoal002.d	07/12/2012	14:34
	LCS 200-41805/3	ggoal003.d	07/12/2012	15:26
	MB 200-41805/4	ggoal004.d	07/12/2012	16:20
AS Effluent	480-22291-1	ggoal008.d	07/12/2012	19:38
LRP Effluent	480-22291-2	ggoal009.d	07/12/2012	20:28

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Sample No.: ICIS 200-38736/7 Date Analyzed: 05/15/2012 13:22

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggo007.d Heated Purge: (Y/N) N

Calibration ID: 15327

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		670712	10.29	2868754	11.66	2606494	15.69
UPPER LIMIT		938997	10.62	4016256	11.99	3649092	16.02
LOWER LIMIT		402427	9.96	1721252	11.33	1563896	15.36
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-38736/12		686785	10.29	2895367	11.66	2673864	15.69

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Sample No.: CCVIS 200-41805/2 Date Analyzed: 07/12/2012 14:34

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggoal002.d Heated Purge: (Y/N) N

Calibration ID: 15327

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		595105	10.24	2472993	11.61	2416284	15.64
UPPER LIMIT		833147	10.57	3462190	11.94	3382798	15.97
LOWER LIMIT		357063	9.91	1483796	11.28	1449770	15.31
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-41805/3		570362	10.24	2268201	11.61	2190772	15.64
MB 200-41805/4		540668	10.23	2547550	11.61	1959878	15.64
480-22291-1	AS Effluent	525550	10.23	2059329	11.61	1891145	15.64
480-22291-2	LRP Effluent	539690	10.23	2391120	11.61	2185690	15.64

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: AS Effluent Lab Sample ID: 480-22291-1

Matrix: Air Lab File ID: ggoal008.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:05

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 19:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	0.54		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoro ethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	0.69		0.50	0.50
75-01-4	Vinyl chloride	62.50	ND		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-00-3	Chloroethane	64.52	1.3		0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
67-64-1	Acetone	58.08	5.5		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	ND		0.50	0.50
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethen e	96.94	ND		0.20	0.20
110-54-3	n-Hexane	86.17	0.39		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	ND		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	1.2		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	1.6		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	1.6		0.20	0.20
67-66-3	Chloroform	119.38	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
71-43-2	Benzene	78.11	0.29		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: AS Effluent Lab Sample ID: 480-22291-1

Matrix: Air Lab File ID: ggoal008.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:05

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 19:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
79-01-6	Trichloroethene	131.39	1.6		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
108-88-3	Toluene	92.14	1.5		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
108-90-7	Chlorobenzene	112.30	ND		0.20	0.20
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
95-47-6	Xylene, o-	106.17	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	0.66		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	2.5		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: AS Effluent Lab Sample ID: 480-22291-1

Matrix: Air Lab File ID: ggoal008.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:05

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 19:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoro ethane	170.92	ND		1.4	1.4
74-87-3	Chloromethane	50.49	1.4		1.0	1.0
75-01-4	Vinyl chloride	62.50	ND		0.51	0.51
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-00-3	Chloroethane	64.52	3.4		1.3	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	ND		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	1.1
76-13-1	Freon TF	187.38	ND		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	ND		0.79	0.79
67-64-1	Acetone	58.08	13		12	12
67-63-0	Isopropyl alcohol	60.10	ND		12	12
75-15-0	Carbon disulfide	76.14	ND		1.6	1.6
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
156-60-5	trans-1,2-Dichloroethen e	96.94	ND		0.79	0.79
110-54-3	n-Hexane	86.17	1.4		0.70	0.70
75-34-3	1,1-Dichloroethane	98.96	ND		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	3.5		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	6.5		0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	6.5		0.79	0.79
67-66-3	Chloroform	119.38	ND		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	ND		15	15
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
110-82-7	Cyclohexane	84.16	ND		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	0.93
71-43-2	Benzene	78.11	0.93		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
142-82-5	n-Heptane	100.21	ND		0.82	0.82

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: AS Effluent Lab Sample ID: 480-22291-1

Matrix: Air Lab File ID: ggoal008.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:05

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 19:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
79-01-6	Trichloroethene	131.39	8.4		1.1	1.1
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	5.5		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	2.8		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	15		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-22291-1
Client Smp ID: AS Effluent
Inj Date : 12-JUL-2012 19:38
Operator : AHK Inst ID: G.i
Smp Info : 480-22291-A-1
Misc Info : 200,1, TO15all
Comment :
Method : /chem/G.i/Gsvr.p/ggoalt15.b/to15v5.m
Meth Date : 13-Jul-2012 17:11 ahk Quant Type: ISTD
Cal Date : 15-MAY-2012 15:53 Cal File: ggo010.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.627	3.627	(0.354)	75935	0.54209	0.54
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.109	4.125	(0.401)	25503	0.69266	0.69
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	5.222	5.248	(0.510)	1284	0.02417	0.024(aQ)
10 Chloroethane	64	5.462	5.489	(0.534)	25069	1.29293	1.3
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.965	5.992	(0.583)	31253	0.23050	0.23
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.971	6.998	(0.681)	6558	0.06596	0.066(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	7.158	7.196	(0.699)	302772	5.54891	5.5
21 Carbon disulfide	76	7.404	7.442	(0.723)	47733	0.36597	0.37(a)
22 Isopropanol	45	7.394	7.415	(0.722)	10821	0.28576	0.29(a)
23 Allyl chloride	41	Compound Not Detected.					

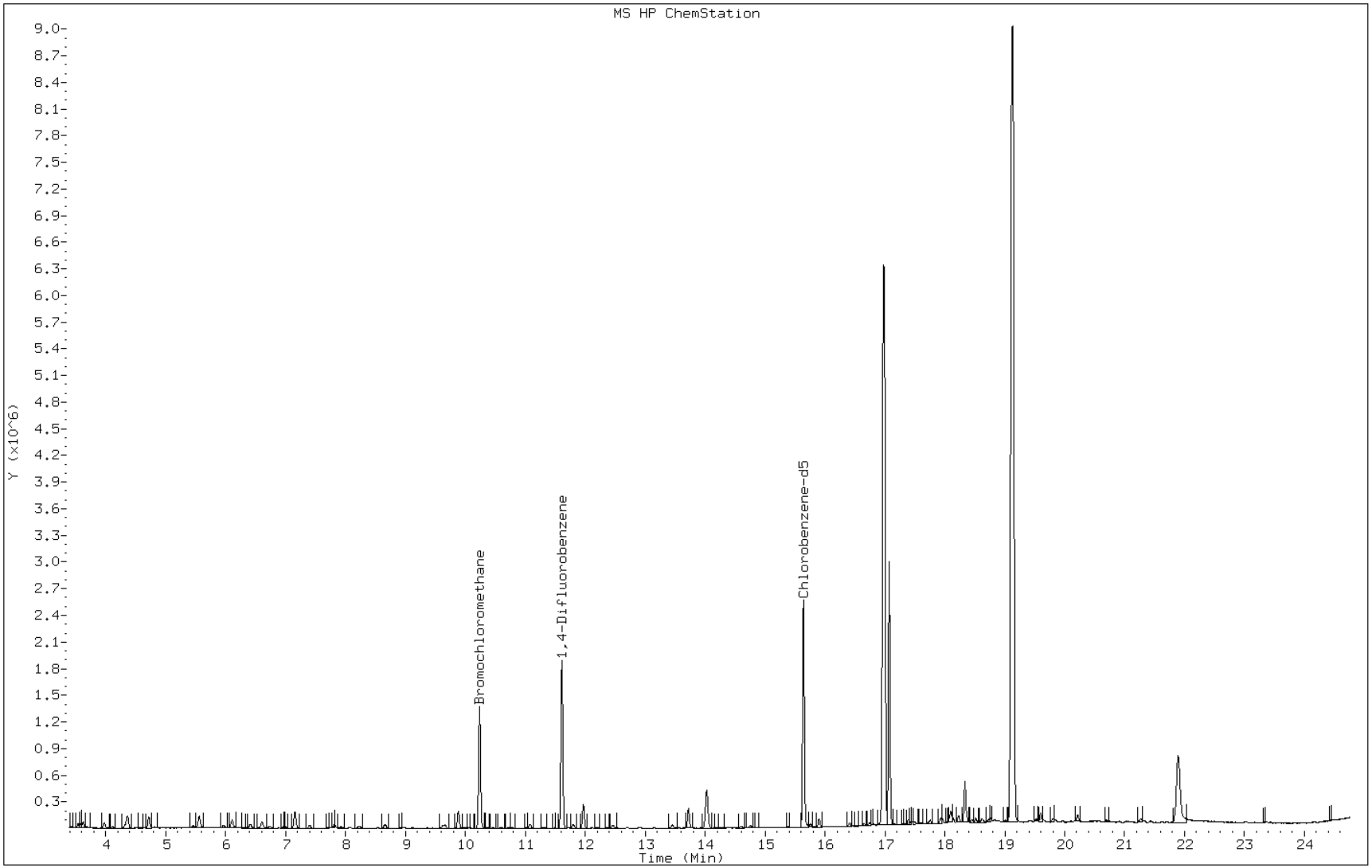
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.918	7.961	(0.774)	4970	0.11024	0.11(a)
	26 Tert-butyl alcohol	59	8.073	8.084	(0.789)	13086	0.22109	0.22(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	8.656	8.694	(0.846)	23149	0.39011	0.39
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61				84979	1.63974	1.6
	34 1,2-Dichloroethene (cis)	96	9.887	9.935	(0.966)	84979	1.63974	1.6
	36 Methyl Ethyl Ketone	72	9.881	9.929	(0.966)	19273	1.19166	1.2(Q)
*	37 Bromochloromethane	128	10.234	10.288	(1.000)	525550	10.0000	
	38 Tetrahydrofuran	42	10.272	10.309	(0.885)	9835	0.30999	0.31(a)
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	10.603	10.641	(0.913)	4101	0.07088	0.071(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.775	10.823	(0.928)	9815	0.08373	0.084(a)
	43 2,2,4-Trimethylpentane	57	11.069	11.117	(0.953)	15826	0.08955	0.090(aQ)
	44 Benzene	78	11.085	11.133	(0.955)	36381	0.29022	0.29
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.310	11.358	(0.974)	8290	0.13386	0.13(a)
*	47 1,4-Difluorobenzene	114	11.609	11.663	(1.000)	2059329	10.0000	
	49 Trichloroethene	95	11.973	12.021	(1.031)	103463	1.56832	1.6
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	12.465	12.497	(1.074)	38363	2.54386	2.5(a)
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	13.455	13.492	(1.159)	30120	0.47271	0.47(a)
	58 Toluene	92	13.728	13.770	(0.878)	123162	1.46999	1.5
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	14.610	14.648	(0.934)	4345	0.07501	0.075(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.643	15.691	(1.000)	1891145	10.0000	
	66 Chlorobenzene	112	15.680	15.728	(1.002)	4155	0.03709	0.037(aQ)
	68 Ethylbenzene	91	15.761	15.803	(1.008)	28552	0.17051	0.17(a)
	69 Xylene (m,p)	106	15.905	15.948	(1.017)	32708	0.47605	0.48
M	70 Xylenes, Total	106				45701	0.65550	0.66
	71 Xylene (o)	106	16.413	16.456	(1.049)	12993	0.17945	0.18(a)
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	17.933	17.975	(1.146)	29245	0.18922	0.19(a)
	87 1,3-Dichlorobenzene	146	18.334	18.376	(1.172)	238246	2.50326	2.5
	88 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	ggoal008.d	Date:	12-JUL-2012 19:38
Client ID:	AS Effluent	Instrument:	G.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	480-22291-A-1		
Lab Sample ID:	480-22291-1		



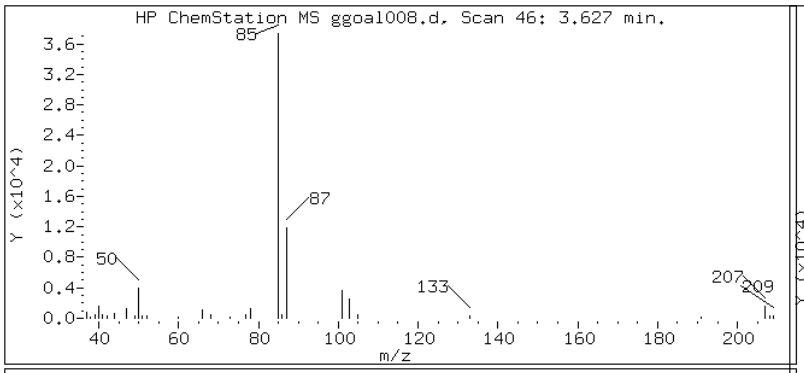
Data File: ggoal008.d

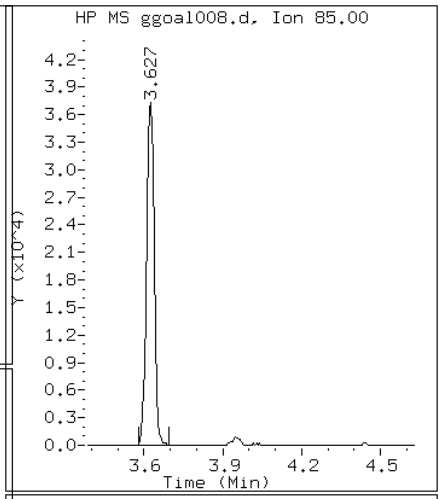
Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

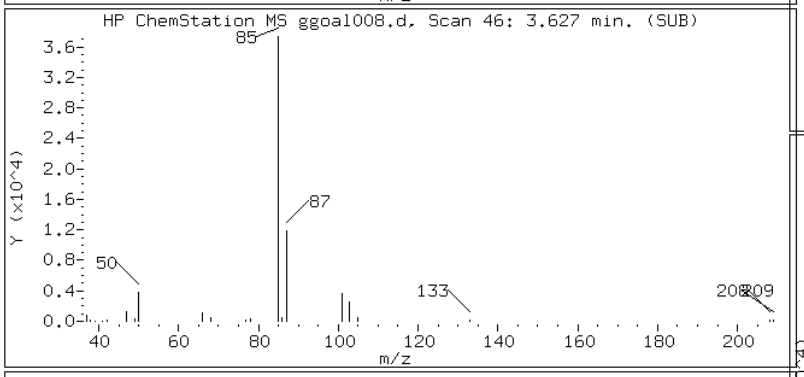
Client ID: AS Effluent Instrument: G.i

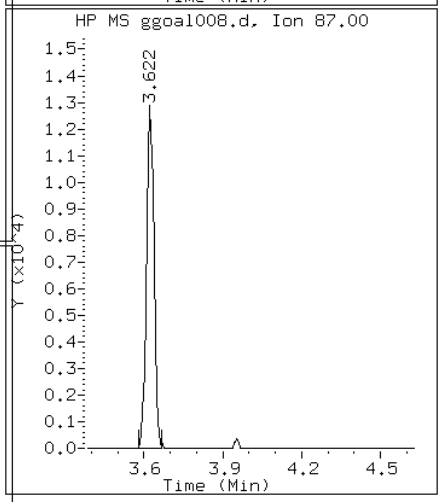
Sample Info: 480-22291-A-1 Operator: AHK

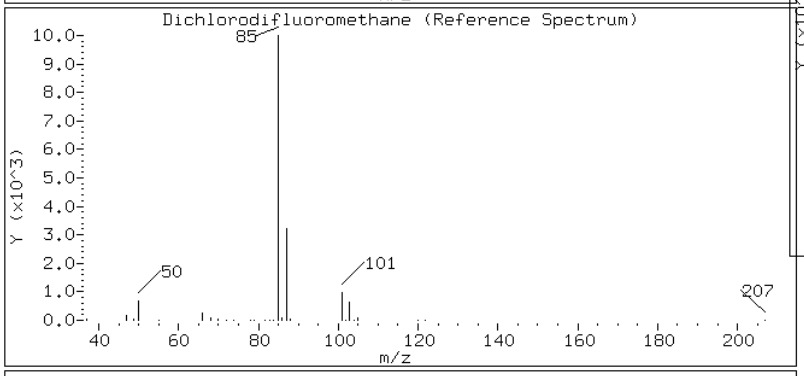
2 Dichlorodifluoromethane

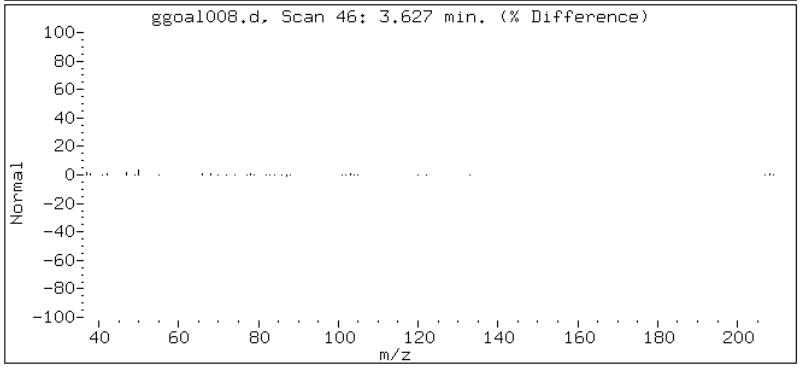












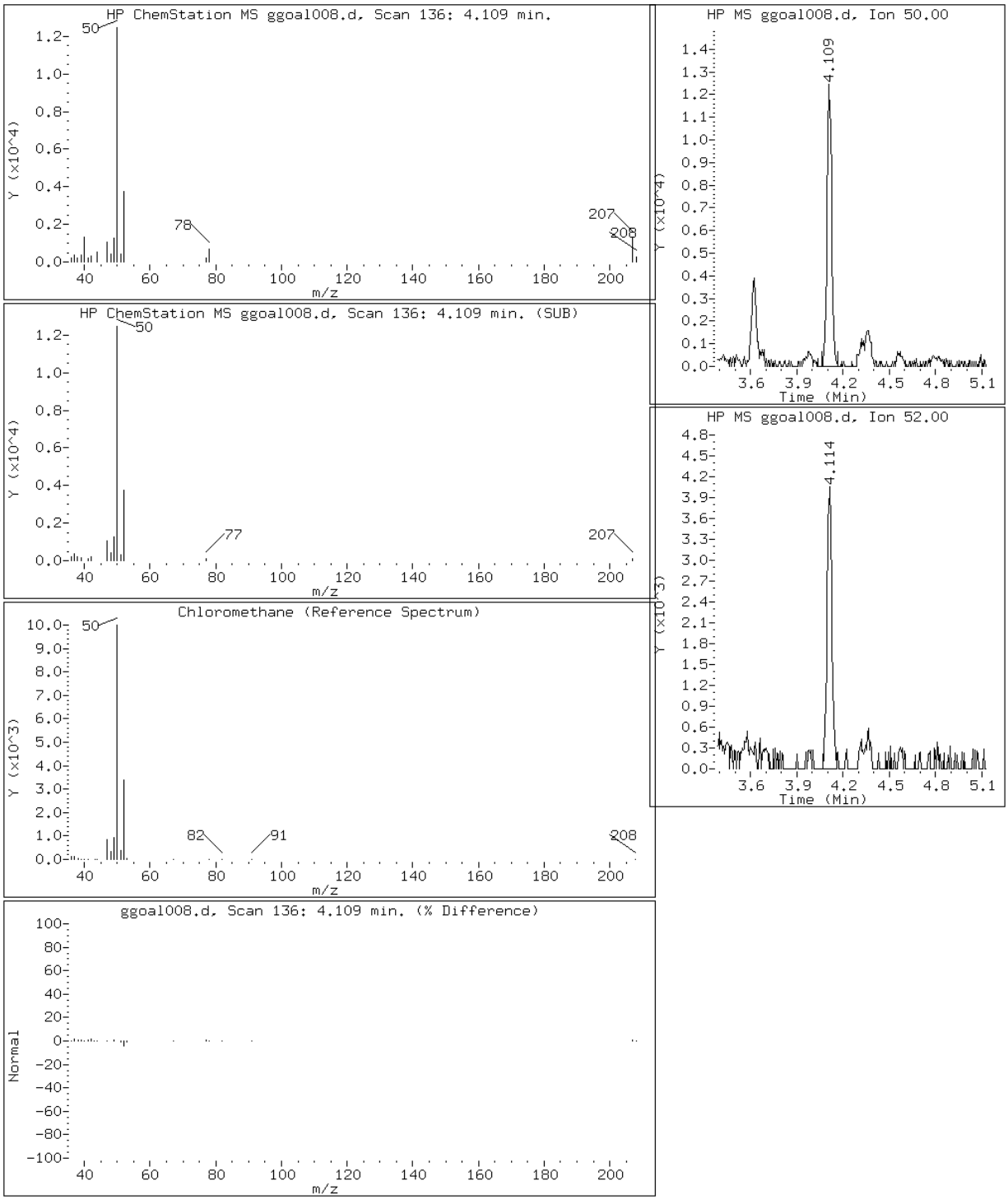
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

5 Chloromethane



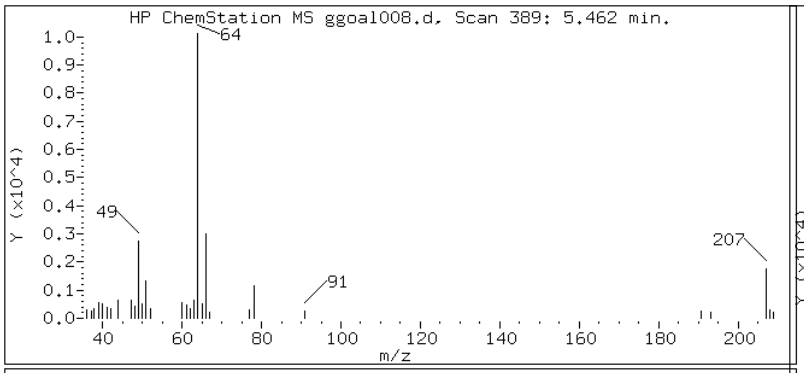
Data File: ggoal008.d

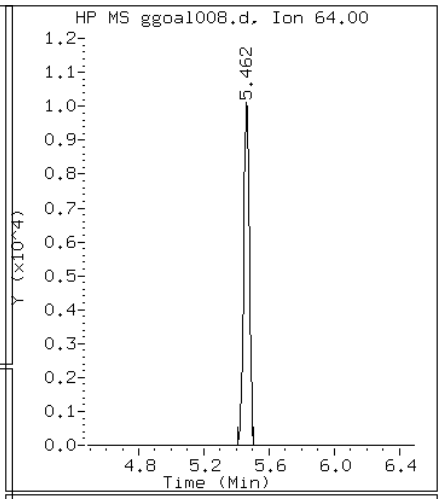
Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

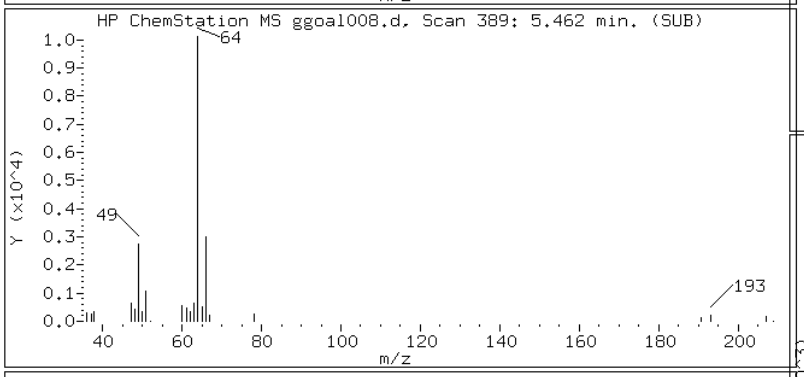
Client ID: AS Effluent Instrument: G.i

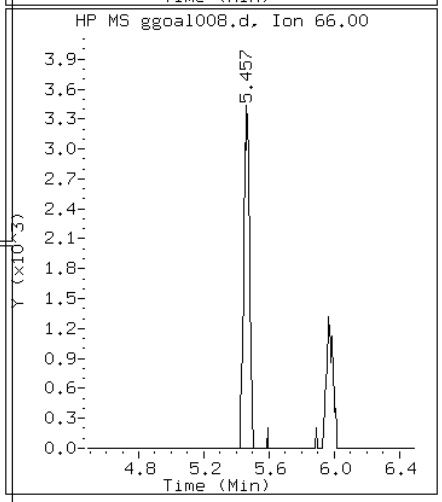
Sample Info: 480-22291-A-1 Operator: AHK

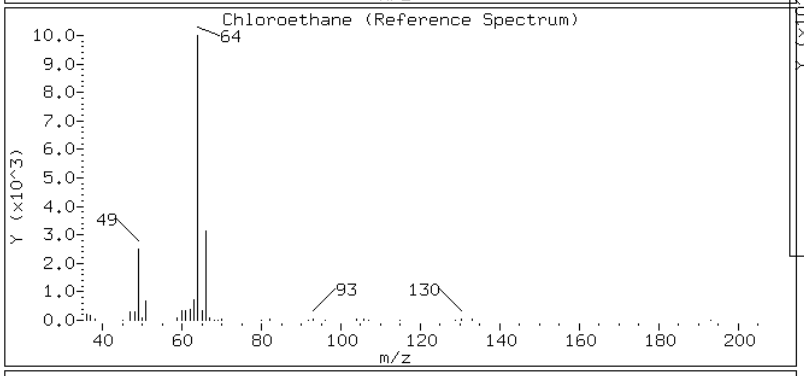
10 Chloroethane

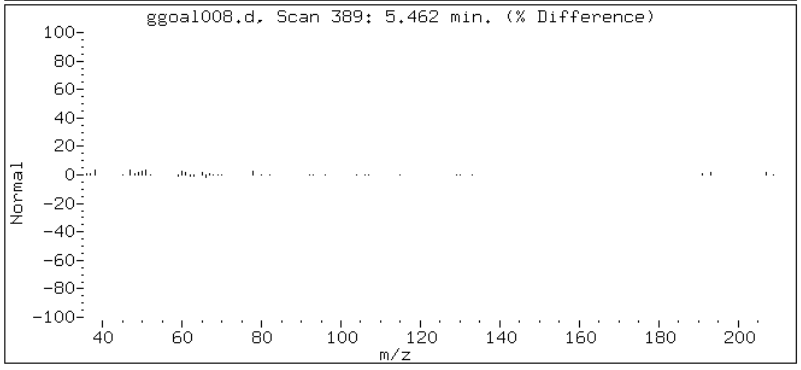












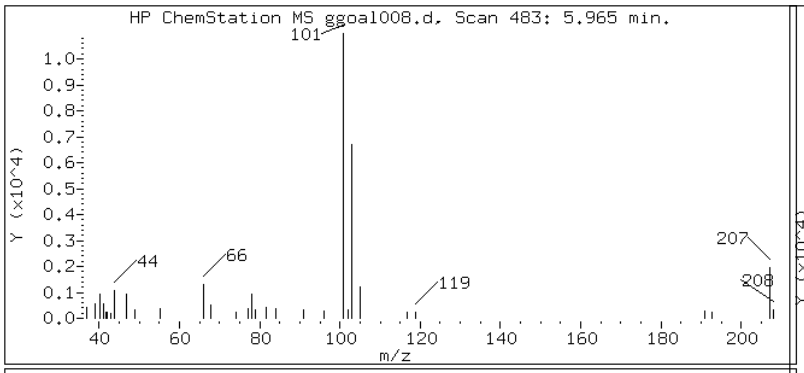
Data File: ggoal008.d

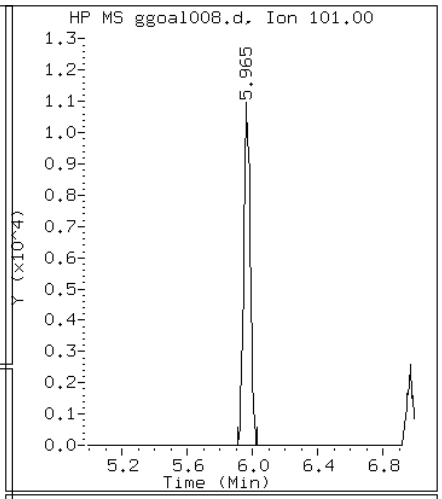
Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

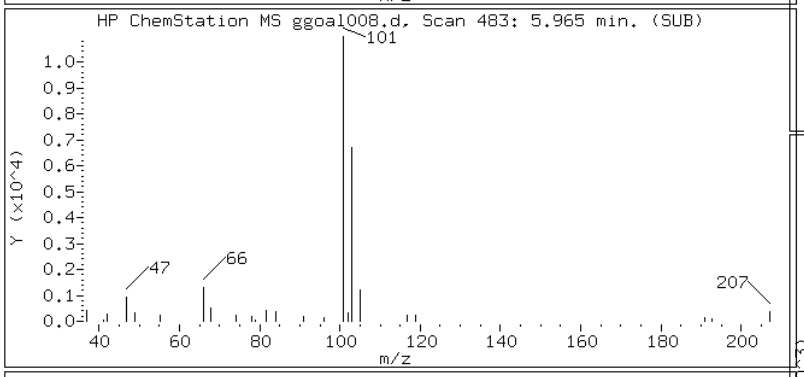
Client ID: AS Effluent Instrument: G.i

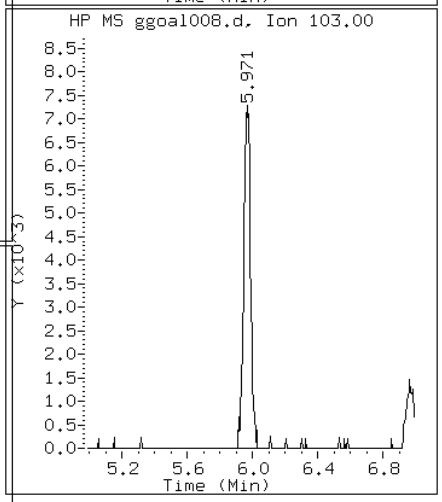
Sample Info: 480-22291-A-1 Operator: AHK

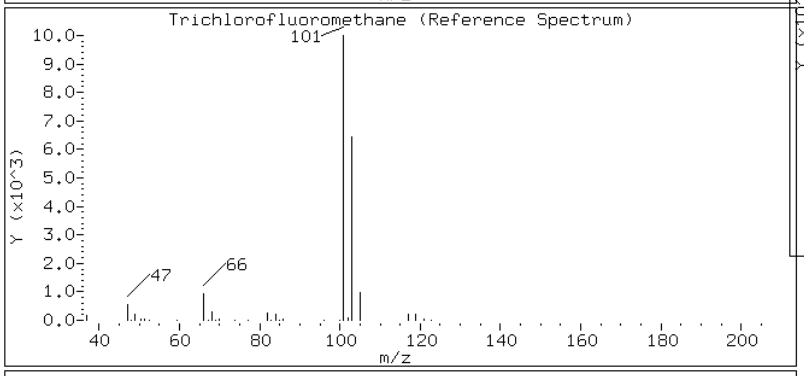
13 Trichlorofluoromethane

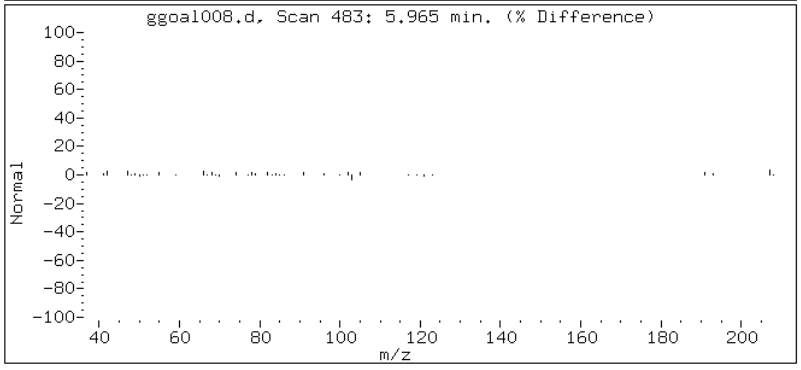












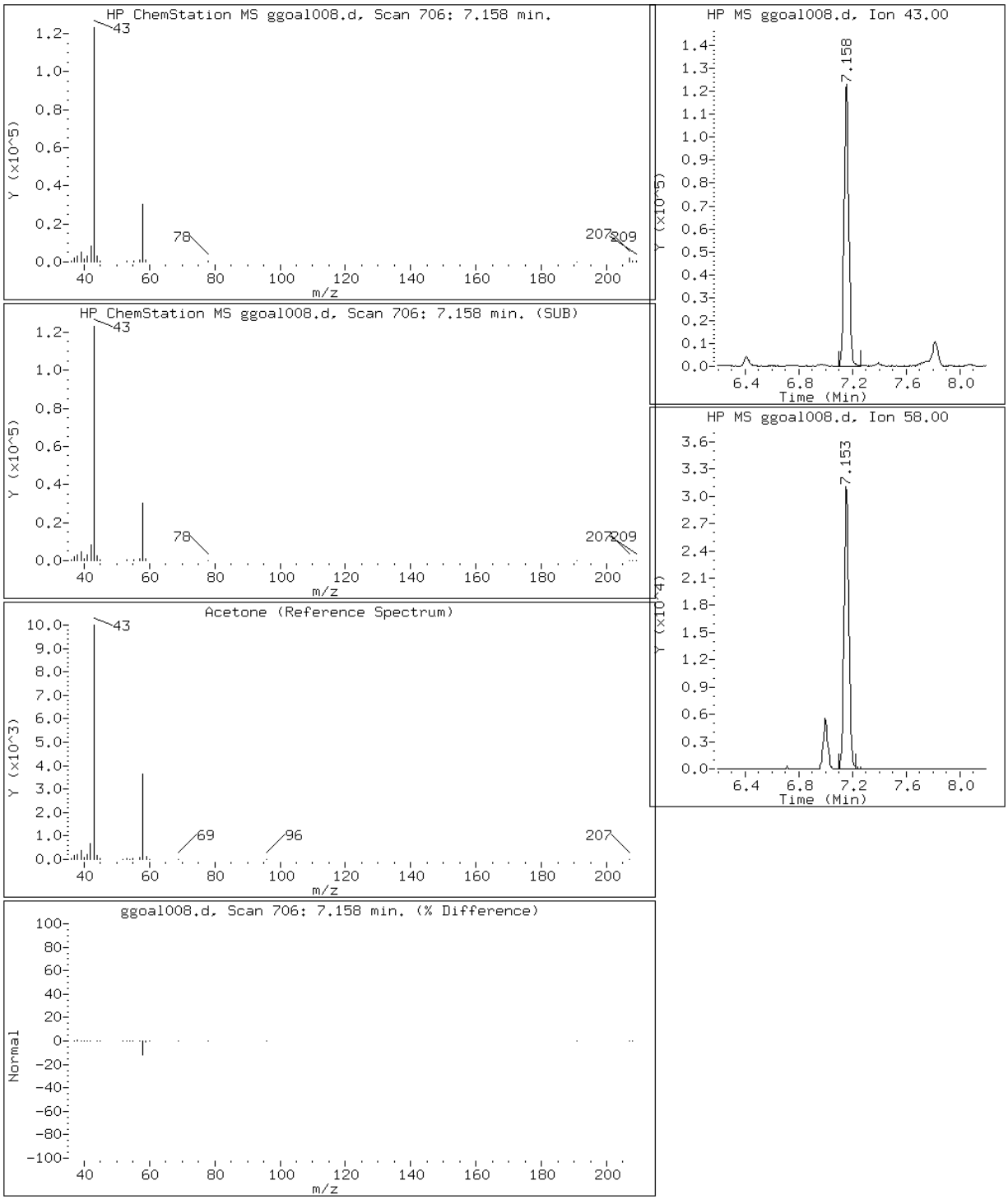
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

20 Acetone



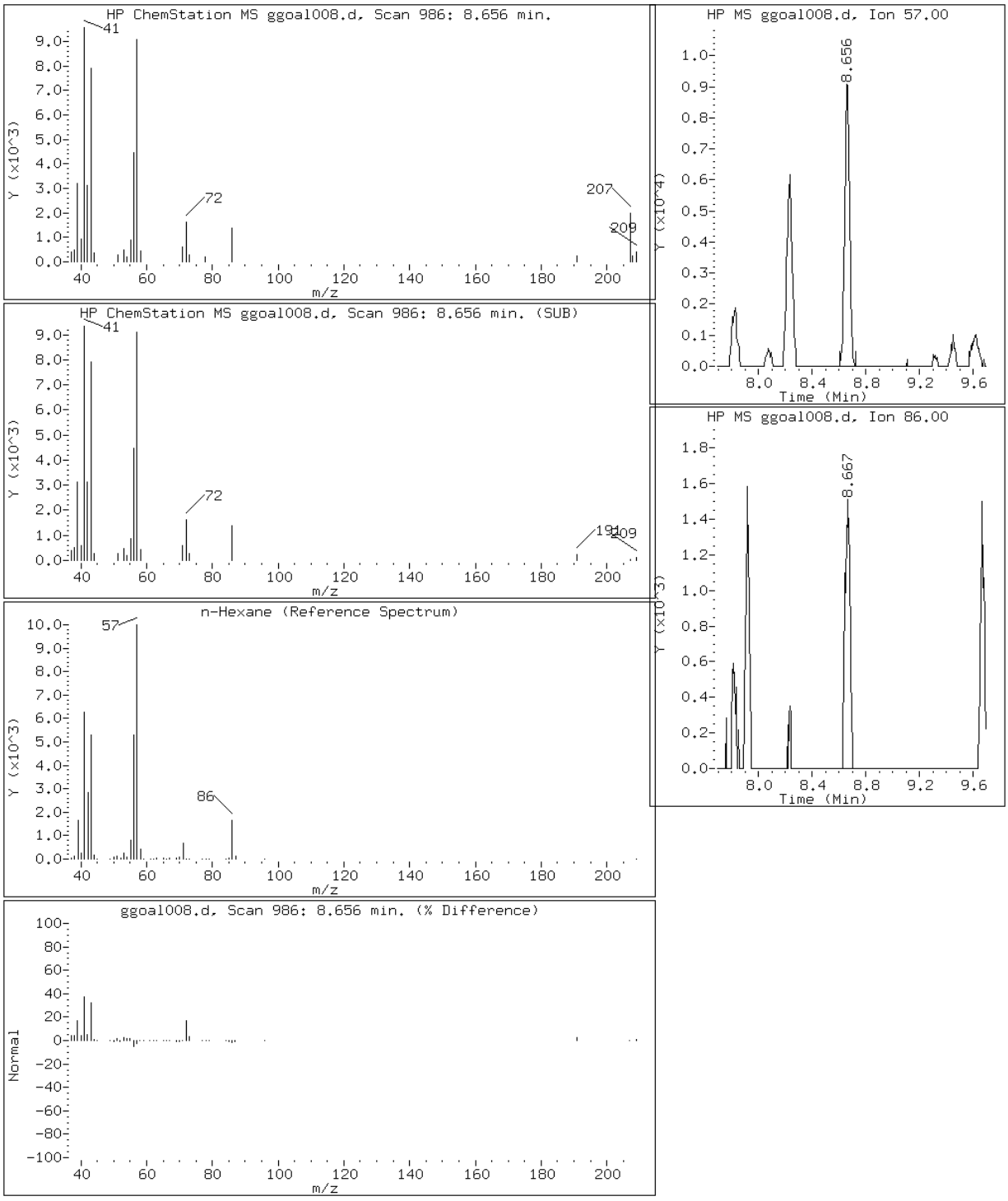
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

30 n-Hexane



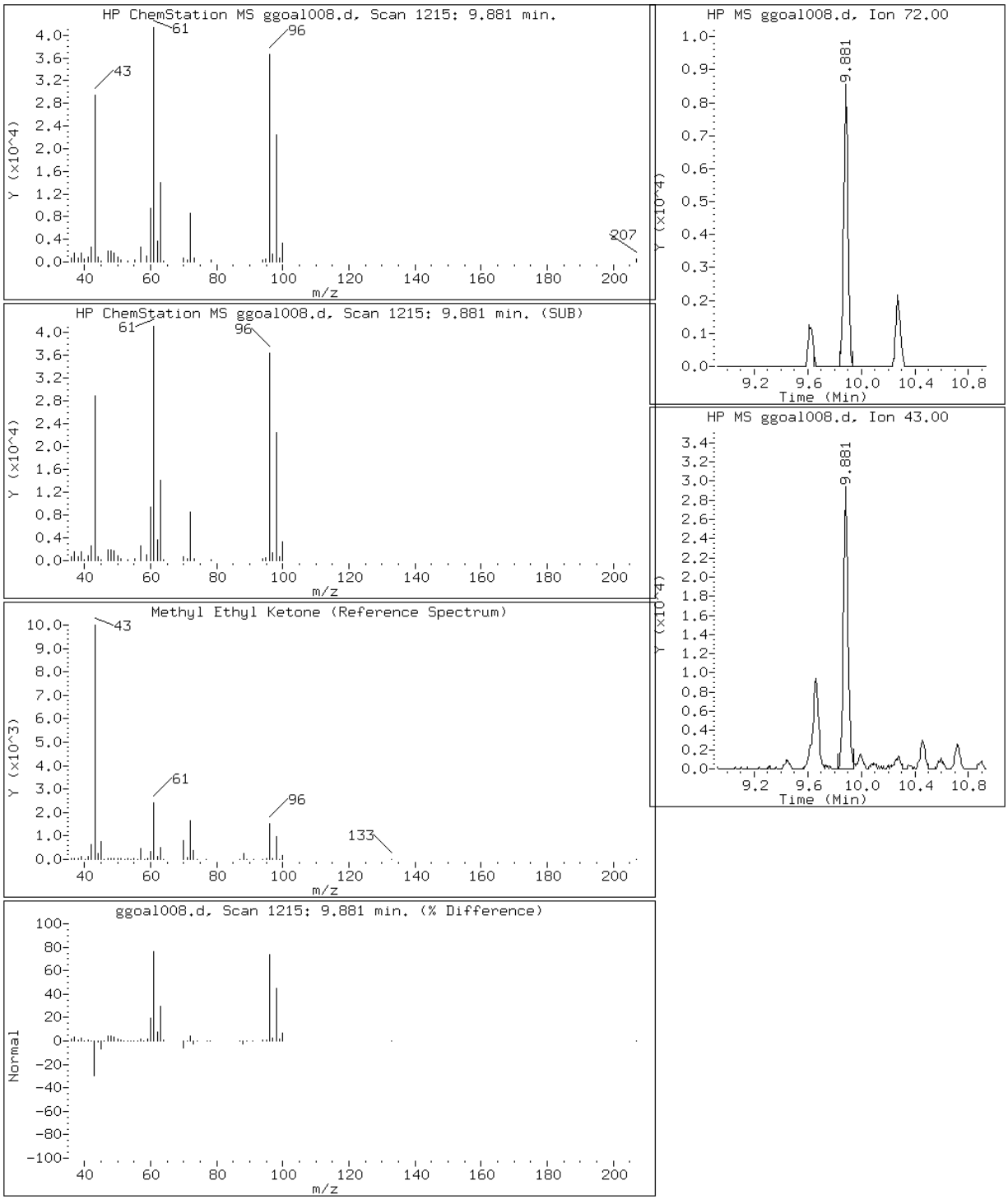
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

36 Methyl Ethyl Ketone



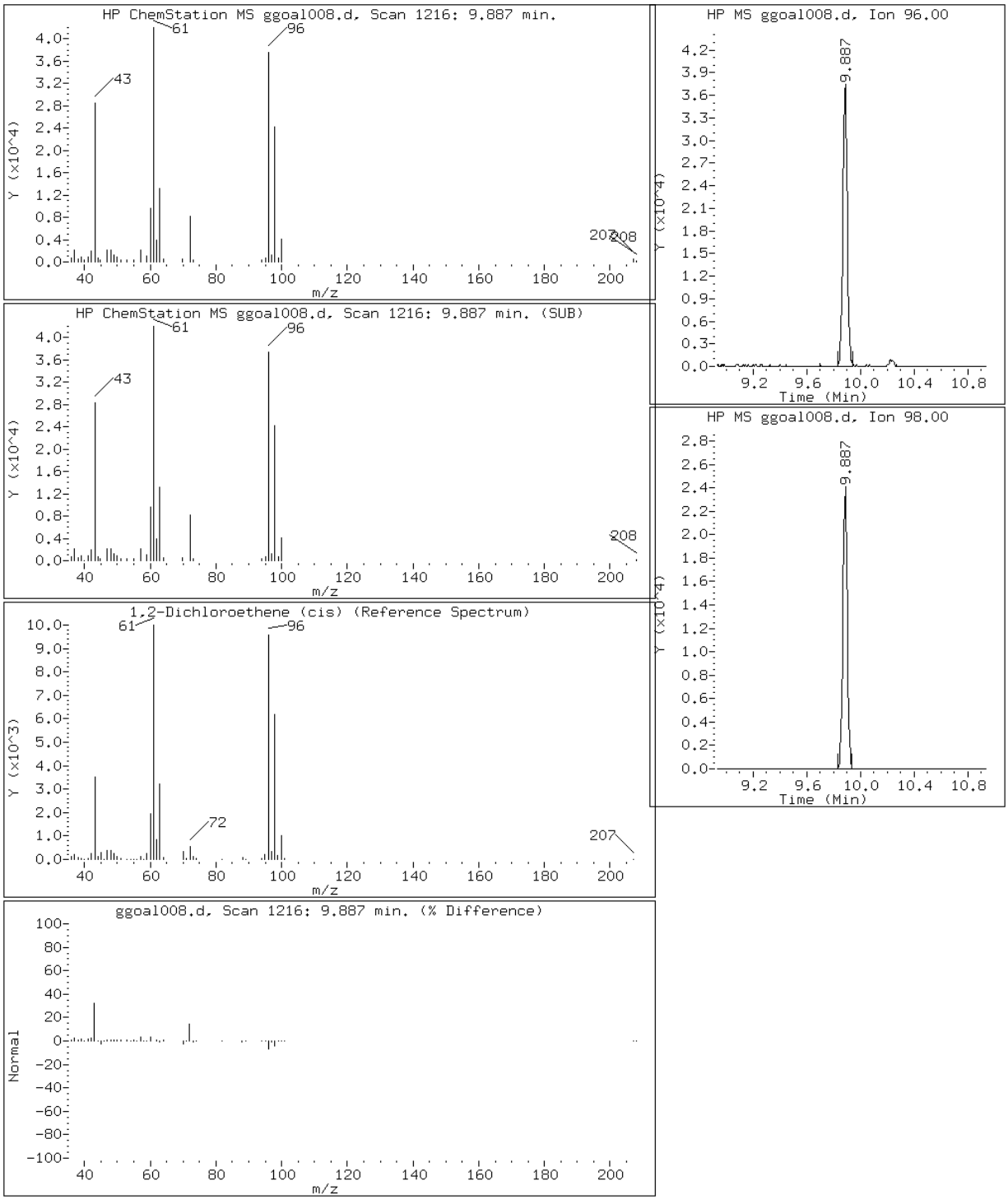
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

34 1,2-Dichloroethene (cis)



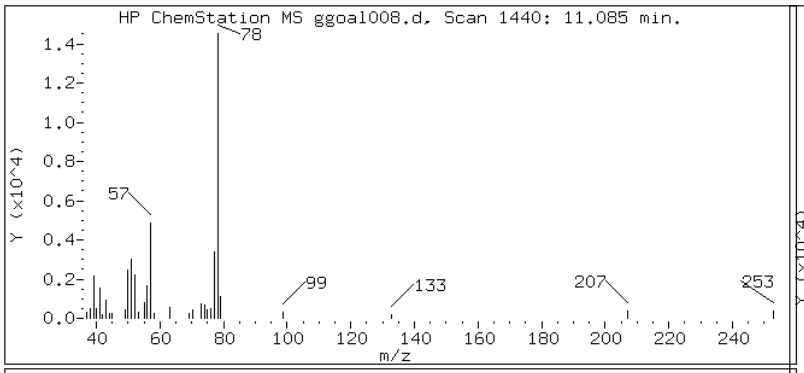
Data File: ggoal008.d

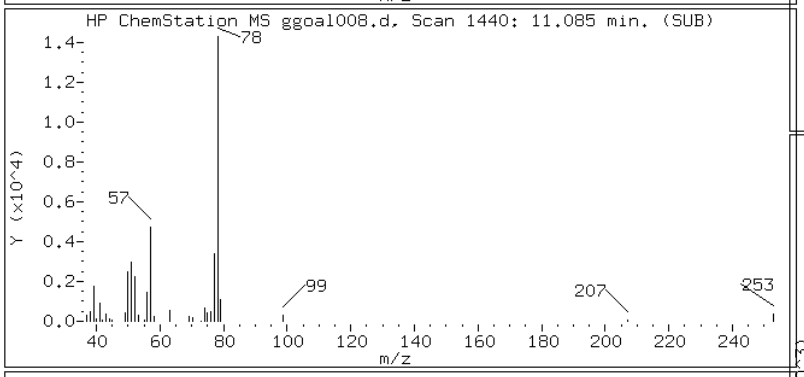
Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

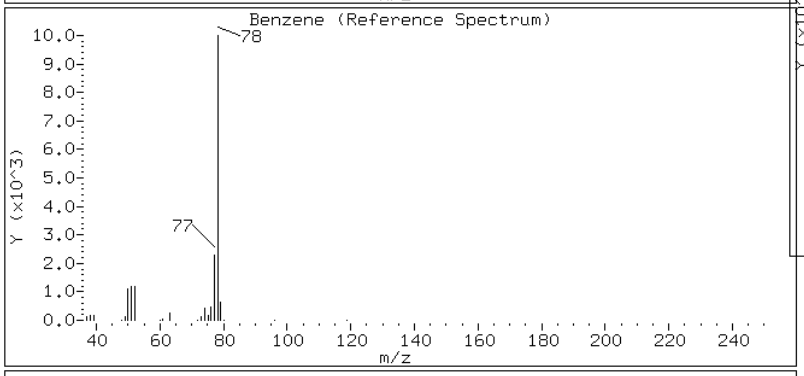
Client ID: AS Effluent Instrument: G.i

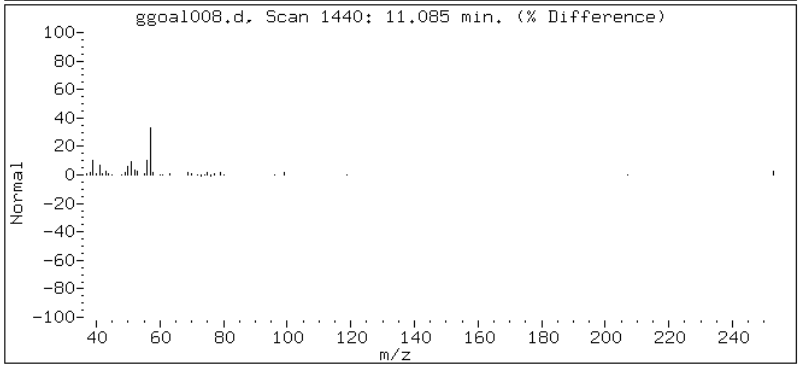
Sample Info: 480-22291-A-1 Operator: AHK

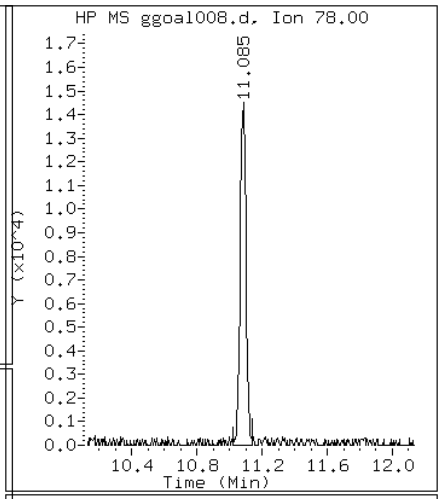
44 Benzene

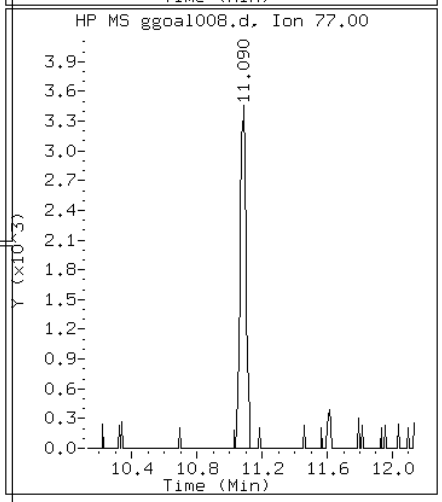












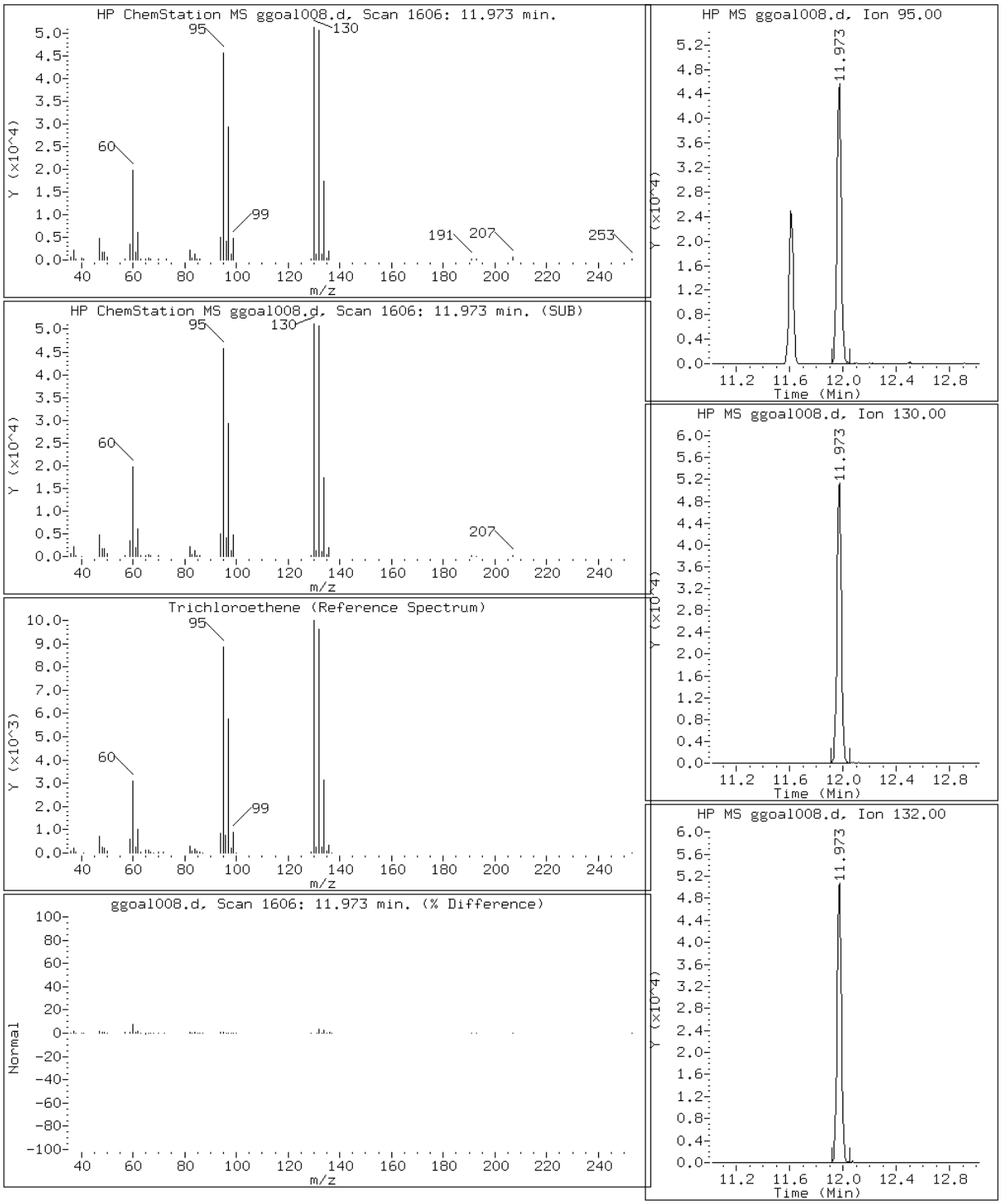
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

49 Trichloroethene



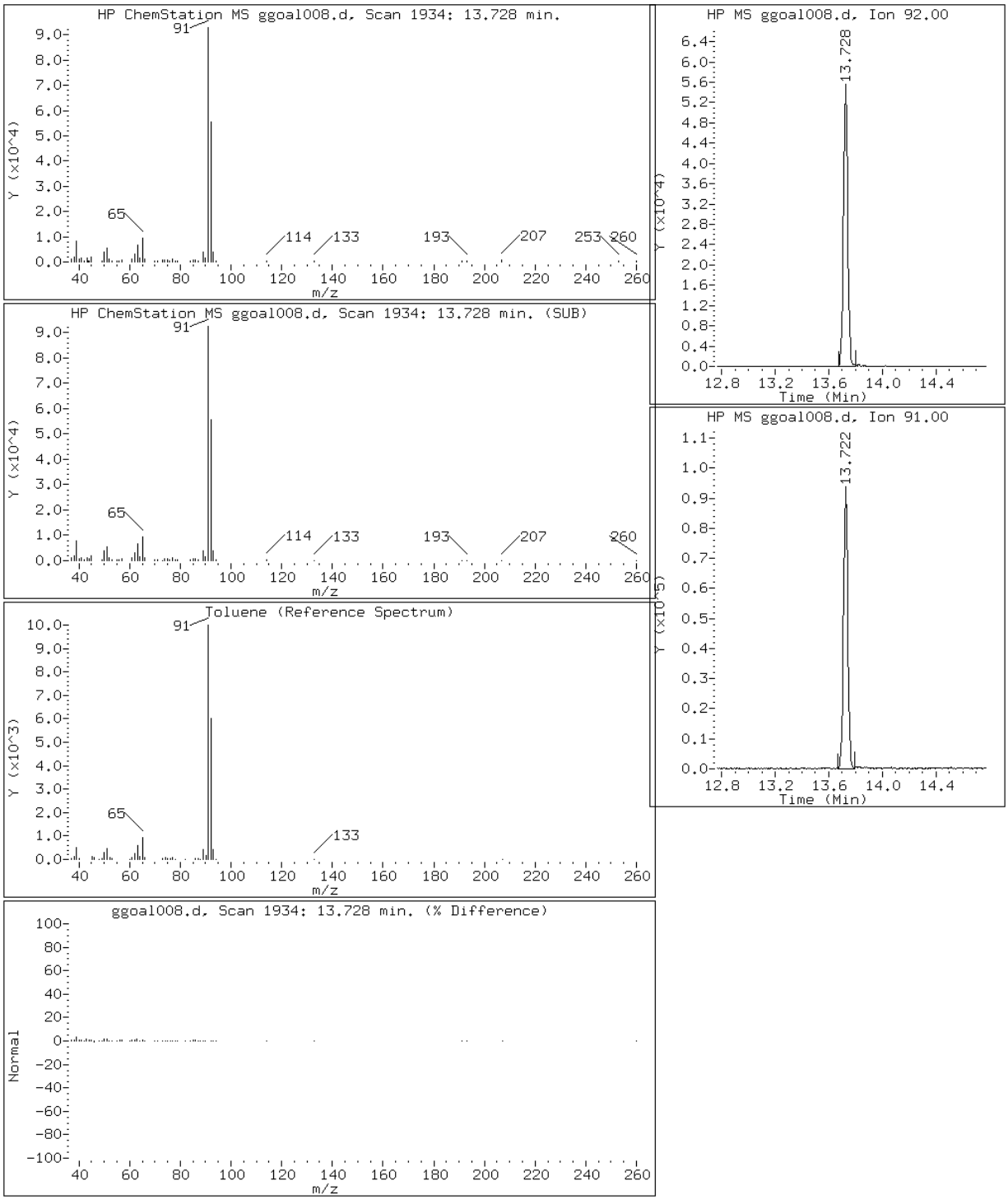
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

58 Toluene



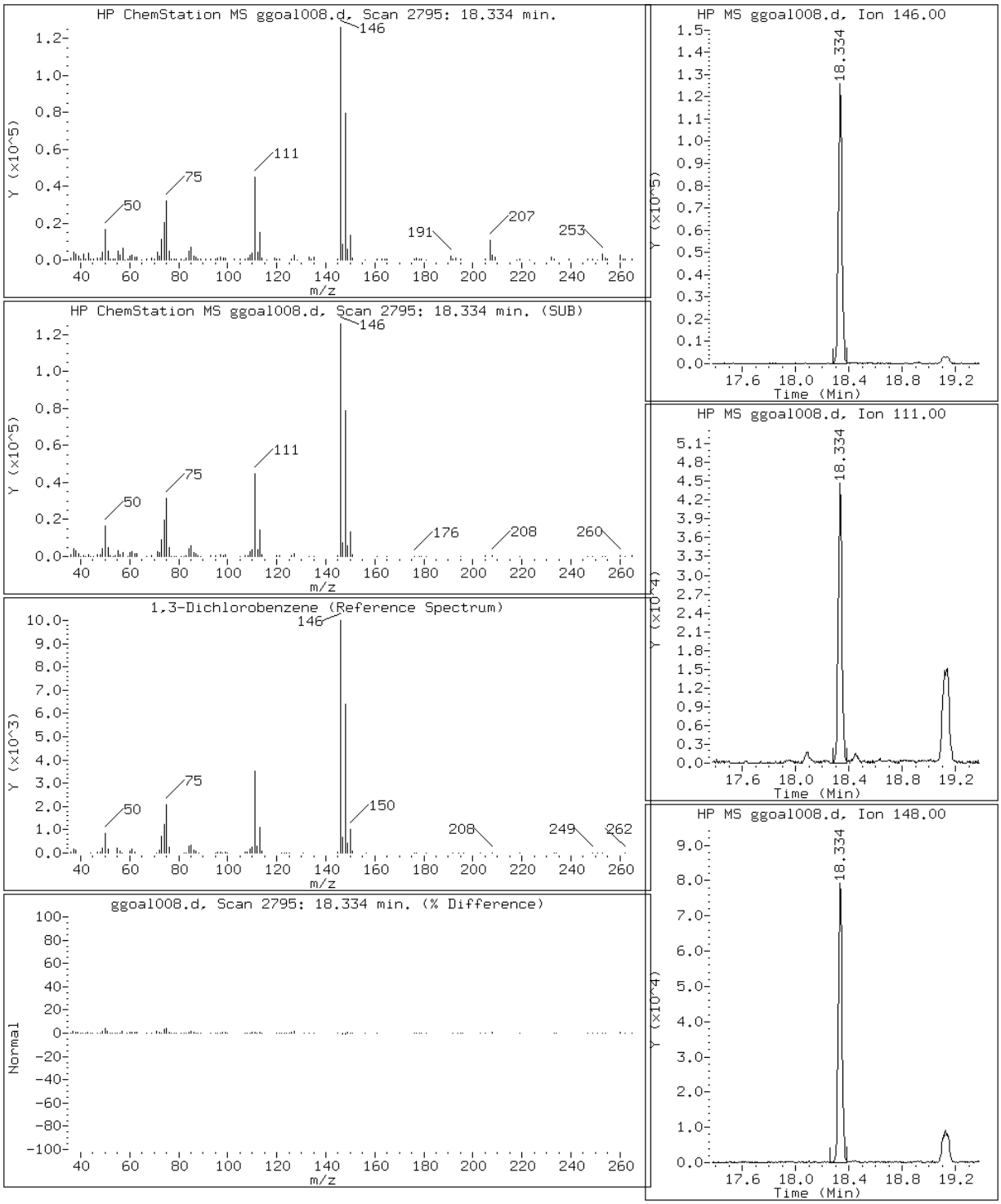
Data File: ggoal008.d

Lab Sample ID: 480-22291-1 Date: 12-JUL-2012 19:38

Client ID: AS Effluent Instrument: G.i

Sample Info: 480-22291-A-1 Operator: AHK

87 1,3-Dichlorobenzene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: LRP Effluent Lab Sample ID: 480-22291-2

Matrix: Air Lab File ID: ggoal009.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:10

Sample wt/vol: 31(mL) Date Analyzed: 07/12/2012 20:28

Soil Aliquot Vol: Dilution Factor: 349

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		170	170
76-14-2	1,2-Dichlorotetrafluoro ethane	170.92	ND		70	70
74-87-3	Chloromethane	50.49	ND		170	170
75-01-4	Vinyl chloride	62.50	600		70	70
106-99-0	1,3-Butadiene	54.09	ND		70	70
74-83-9	Bromomethane	94.94	ND		70	70
75-00-3	Chloroethane	64.52	ND		170	170
593-60-2	Bromoethene(Vinyl Bromide)	106.96	ND		70	70
75-69-4	Trichlorofluoromethane	137.37	ND		70	70
76-13-1	Freon TF	187.38	ND		70	70
75-35-4	1,1-Dichloroethene	96.94	72		70	70
67-64-1	Acetone	58.08	ND		1700	1700
67-63-0	Isopropyl alcohol	60.10	ND		1700	1700
75-15-0	Carbon disulfide	76.14	ND		170	170
107-05-1	3-Chloropropene	76.53	ND		170	170
75-09-2	Methylene Chloride	84.93	ND		170	170
75-65-0	tert-Butyl alcohol	74.12	ND		1700	1700
1634-04-4	Methyl tert-butyl ether	88.15	ND		70	70
156-60-5	trans-1,2-Dichloroethen e	96.94	ND		70	70
110-54-3	n-Hexane	86.17	ND		70	70
75-34-3	1,1-Dichloroethane	98.96	210		70	70
78-93-3	Methyl Ethyl Ketone	72.11	ND		170	170
156-59-2	cis-1,2-Dichloroethene	96.94	8500		70	70
540-59-0	1,2-Dichloroethene, Total	96.94	8600		70	70
67-66-3	Chloroform	119.38	ND		70	70
109-99-9	Tetrahydrofuran	72.11	ND		1700	1700
71-55-6	1,1,1-Trichloroethane	133.41	160		70	70
110-82-7	Cyclohexane	84.16	ND		70	70
56-23-5	Carbon tetrachloride	153.81	ND		70	70
540-84-1	2,2,4-Trimethylpentane	114.23	ND		70	70
71-43-2	Benzene	78.11	ND		70	70
107-06-2	1,2-Dichloroethane	98.96	ND		70	70
142-82-5	n-Heptane	100.21	ND		70	70

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: LRP Effluent Lab Sample ID: 480-22291-2

Matrix: Air Lab File ID: ggoal009.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:10

Sample wt/vol: 31(mL) Date Analyzed: 07/12/2012 20:28

Soil Aliquot Vol: Dilution Factor: 349

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
79-01-6	Trichloroethene	131.39	11000		70	70
78-87-5	1,2-Dichloropropane	112.99	ND		70	70
123-91-1	1,4-Dioxane	88.11	ND		1700	1700
75-27-4	Bromodichloromethane	163.83	ND		70	70
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		70	70
108-10-1	methyl isobutyl ketone	100.16	ND		170	170
108-88-3	Toluene	92.14	ND		70	70
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		70	70
79-00-5	1,1,2-Trichloroethane	133.41	ND		70	70
127-18-4	Tetrachloroethene	165.83	ND		70	70
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		170	170
124-48-1	Dibromochloromethane	208.29	ND		70	70
106-93-4	1,2-Dibromoethane	187.87	ND		70	70
108-90-7	Chlorobenzene	112.30	ND		70	70
100-41-4	Ethylbenzene	106.17	ND		70	70
179601-23-1	m,p-Xylene	106.17	ND		170	170
95-47-6	Xylene, o-	106.17	ND		70	70
1330-20-7	Xylene (total)	106.17	ND		70	70
100-42-5	Styrene	104.15	ND		70	70
75-25-2	Bromoform	252.75	ND		70	70
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		70	70
622-96-8	4-Ethyltoluene	120.20	ND		70	70
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		70	70
95-49-8	2-Chlorotoluene	126.59	ND		70	70
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		70	70
541-73-1	1,3-Dichlorobenzene	147.00	ND		70	70
106-46-7	1,4-Dichlorobenzene	147.00	ND		70	70
95-50-1	1,2-Dichlorobenzene	147.00	ND		70	70
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		170	170
87-68-3	Hexachlorobutadiene	260.76	ND		70	70

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: LRP Effluent Lab Sample ID: 480-22291-2

Matrix: Air Lab File ID: ggoal009.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:10

Sample wt/vol: 31(mL) Date Analyzed: 07/12/2012 20:28

Soil Aliquot Vol: Dilution Factor: 349

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		860	860
76-14-2	1,2-Dichlorotetrafluoro ethane	170.92	ND		490	490
74-87-3	Chloromethane	50.49	ND		360	360
75-01-4	Vinyl chloride	62.50	1500		180	180
106-99-0	1,3-Butadiene	54.09	ND		150	150
74-83-9	Bromomethane	94.94	ND		270	270
75-00-3	Chloroethane	64.52	ND		460	460
593-60-2	Bromoethene(Vinyl Bromide)	106.96	ND		310	310
75-69-4	Trichlorofluoromethane	137.37	ND		390	390
76-13-1	Freon TF	187.38	ND		530	530
75-35-4	1,1-Dichloroethene	96.94	290		280	280
67-64-1	Acetone	58.08	ND		4100	4100
67-63-0	Isopropyl alcohol	60.10	ND		4300	4300
75-15-0	Carbon disulfide	76.14	ND		540	540
107-05-1	3-Chloropropene	76.53	ND		550	550
75-09-2	Methylene Chloride	84.93	ND		610	610
75-65-0	tert-Butyl alcohol	74.12	ND		5300	5300
1634-04-4	Methyl tert-butyl ether	88.15	ND		250	250
156-60-5	trans-1,2-Dichloroethen e	96.94	ND		280	280
110-54-3	n-Hexane	86.17	ND		250	250
75-34-3	1,1-Dichloroethane	98.96	860		280	280
78-93-3	Methyl Ethyl Ketone	72.11	ND		510	510
156-59-2	cis-1,2-Dichloroethene	96.94	34000		280	280
540-59-0	1,2-Dichloroethene, Total	96.94	34000		280	280
67-66-3	Chloroform	119.38	ND		340	340
109-99-9	Tetrahydrofuran	72.11	ND		5100	5100
71-55-6	1,1,1-Trichloroethane	133.41	850		380	380
110-82-7	Cyclohexane	84.16	ND		240	240
56-23-5	Carbon tetrachloride	153.81	ND		440	440
540-84-1	2,2,4-Trimethylpentane	114.23	ND		330	330
71-43-2	Benzene	78.11	ND		220	220
107-06-2	1,2-Dichloroethane	98.96	ND		280	280
142-82-5	n-Heptane	100.21	ND		290	290

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: LRP Effluent Lab Sample ID: 480-22291-2

Matrix: Air Lab File ID: ggoal009.d

Analysis Method: TO-15 Date Collected: 07/06/2012 12:10

Sample wt/vol: 31(mL) Date Analyzed: 07/12/2012 20:28

Soil Aliquot Vol: Dilution Factor: 349

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
79-01-6	Trichloroethene	131.39	58000		380	380
78-87-5	1,2-Dichloropropane	112.99	ND		320	320
123-91-1	1,4-Dioxane	88.11	ND		6300	6300
75-27-4	Bromodichloromethane	163.83	ND		470	470
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		320	320
108-10-1	methyl isobutyl ketone	100.16	ND		710	710
108-88-3	Toluene	92.14	ND		260	260
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		320	320
79-00-5	1,1,2-Trichloroethane	133.41	ND		380	380
127-18-4	Tetrachloroethene	165.83	ND		470	470
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		720	720
124-48-1	Dibromochloromethane	208.29	ND		590	590
106-93-4	1,2-Dibromoethane	187.87	ND		540	540
108-90-7	Chlorobenzene	112.30	ND		320	320
100-41-4	Ethylbenzene	106.17	ND		300	300
179601-23-1	m,p-Xylene	106.17	ND		760	760
95-47-6	Xylene, o-	106.17	ND		300	300
1330-20-7	Xylene (total)	106.17	ND		300	300
100-42-5	Styrene	104.15	ND		300	300
75-25-2	Bromoform	252.75	ND		720	720
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		480	480
622-96-8	4-Ethyltoluene	120.20	ND		340	340
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		340	340
95-49-8	2-Chlorotoluene	126.59	ND		360	360
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		340	340
541-73-1	1,3-Dichlorobenzene	147.00	ND		420	420
106-46-7	1,4-Dichlorobenzene	147.00	ND		420	420
95-50-1	1,2-Dichlorobenzene	147.00	ND		420	420
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		1300	1300
87-68-3	Hexachlorobutadiene	260.76	ND		740	740

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-22291-2
Client Smp ID: LRP Effluent
Inj Date : 12-JUL-2012 20:28
Operator : AHK Inst ID: G.i
Smp Info : 480-22291-A-2
Misc Info : 31,349, TO15all, CDF 54.14
Comment :
Method : /chem/G.i/Gsvr.p/ggoalt15.b/to15v5.m
Meth Date : 13-Jul-2012 17:11 ahk Quant Type: ISTD
Cal Date : 15-MAY-2012 15:53 Cal File: ggo010.d
Als bottle: 8
Dil Factor: 349.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	349.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	31.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	4.398	4.414	(0.430)	81118	1.72178	600
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	7.009	7.046	(0.685)	9701	0.20673	72
20 Acetone	43	7.180	7.196	(0.702)	8832	0.15762	55(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

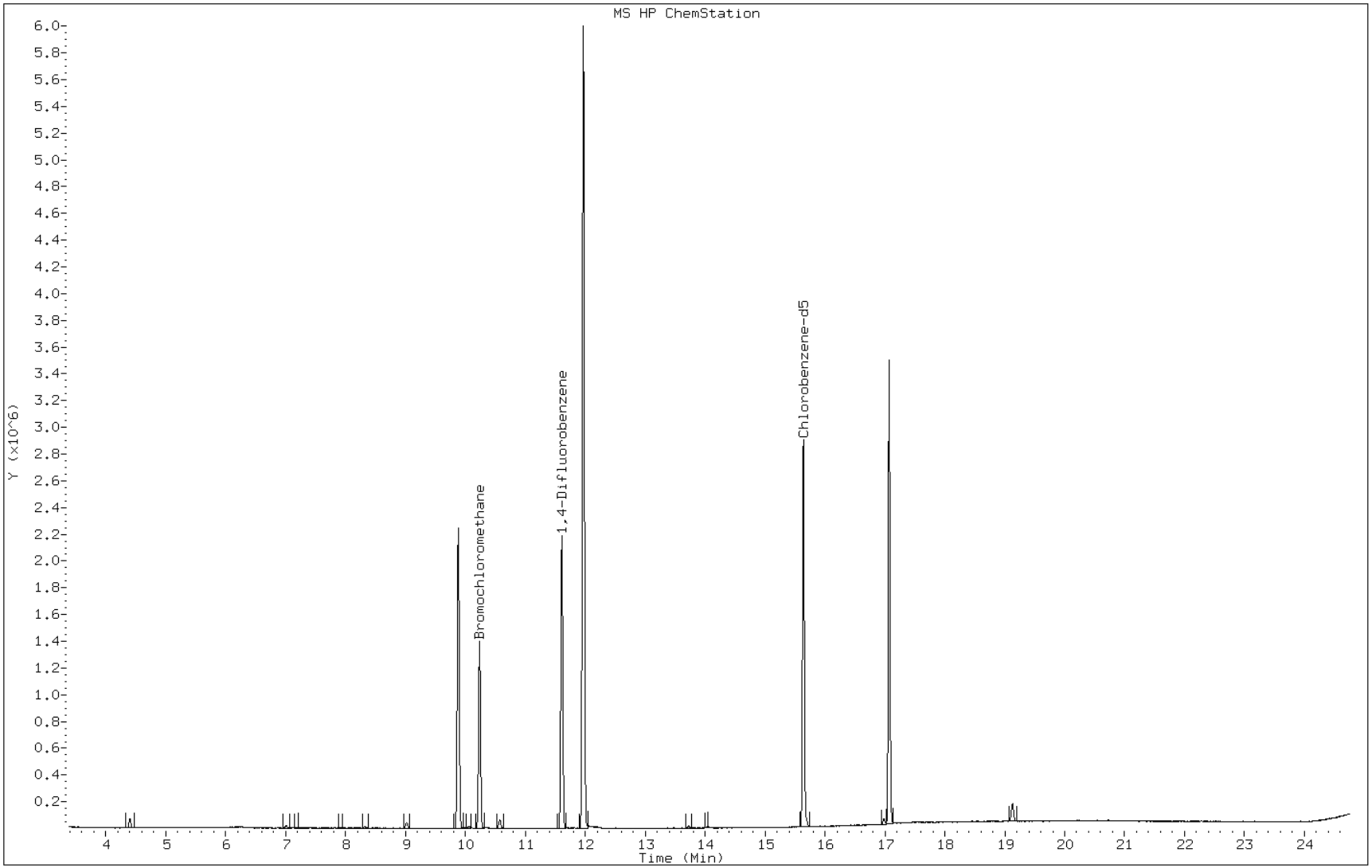
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.918	7.961	(0.774)	1892	0.04087	14(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	8.319	8.356	(0.813)	6657	0.10456	36(aQ)
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	9.015	9.068	(0.881)	48020	0.60928	210
M	33 1,2-Dichloroethene,Total	61				1307102	24.5403	8600
	34 1,2-Dichloroethene (cis)	96	9.881	9.935	(0.966)	1300445	24.4358	8500
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.234	10.288	(1.000)	539690	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	10.577	10.619	(0.911)	55858	0.44848	160
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.609	11.663	(1.000)	2391120	10.0000	
	49 Trichloroethene	95	11.973	12.021	(1.031)	2372453	30.9721	11000
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.728	13.770	(0.878)	8222	0.08491	30(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.643	15.691	(1.000)	2185690	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	ggoal009.d	Date:	12-JUL-2012 20:28
Client ID:	LRP Effluent	Instrument:	G.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	480-22291-A-2		
Lab Sample ID:	480-22291-2		



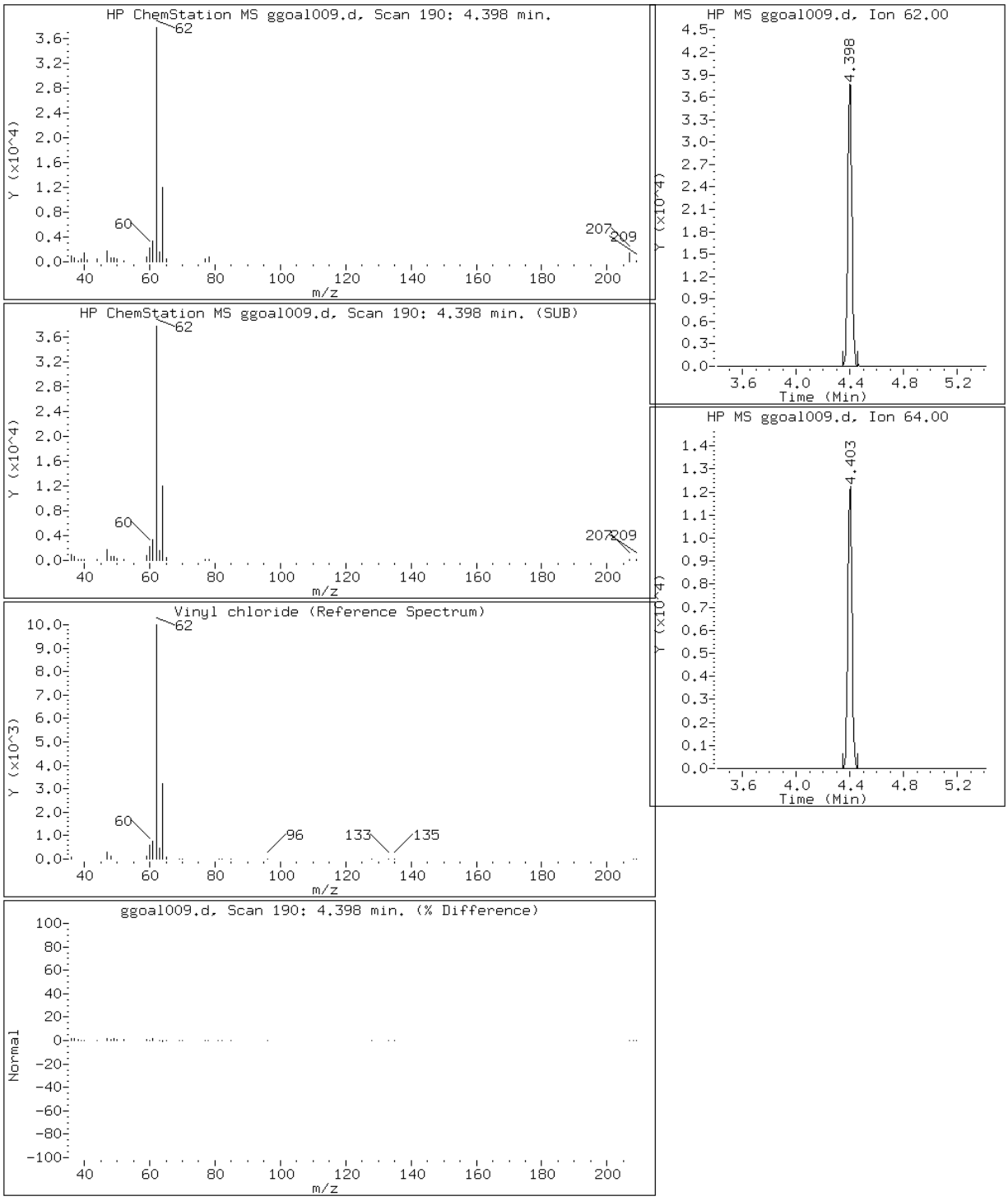
Data File: ggoal009.d

Lab Sample ID: 480-22291-2 Date: 12-JUL-2012 20:28

Client ID: LRP Effluent Instrument: G.i

Sample Info: 480-22291-A-2 Operator: AHK

7 Vinyl chloride



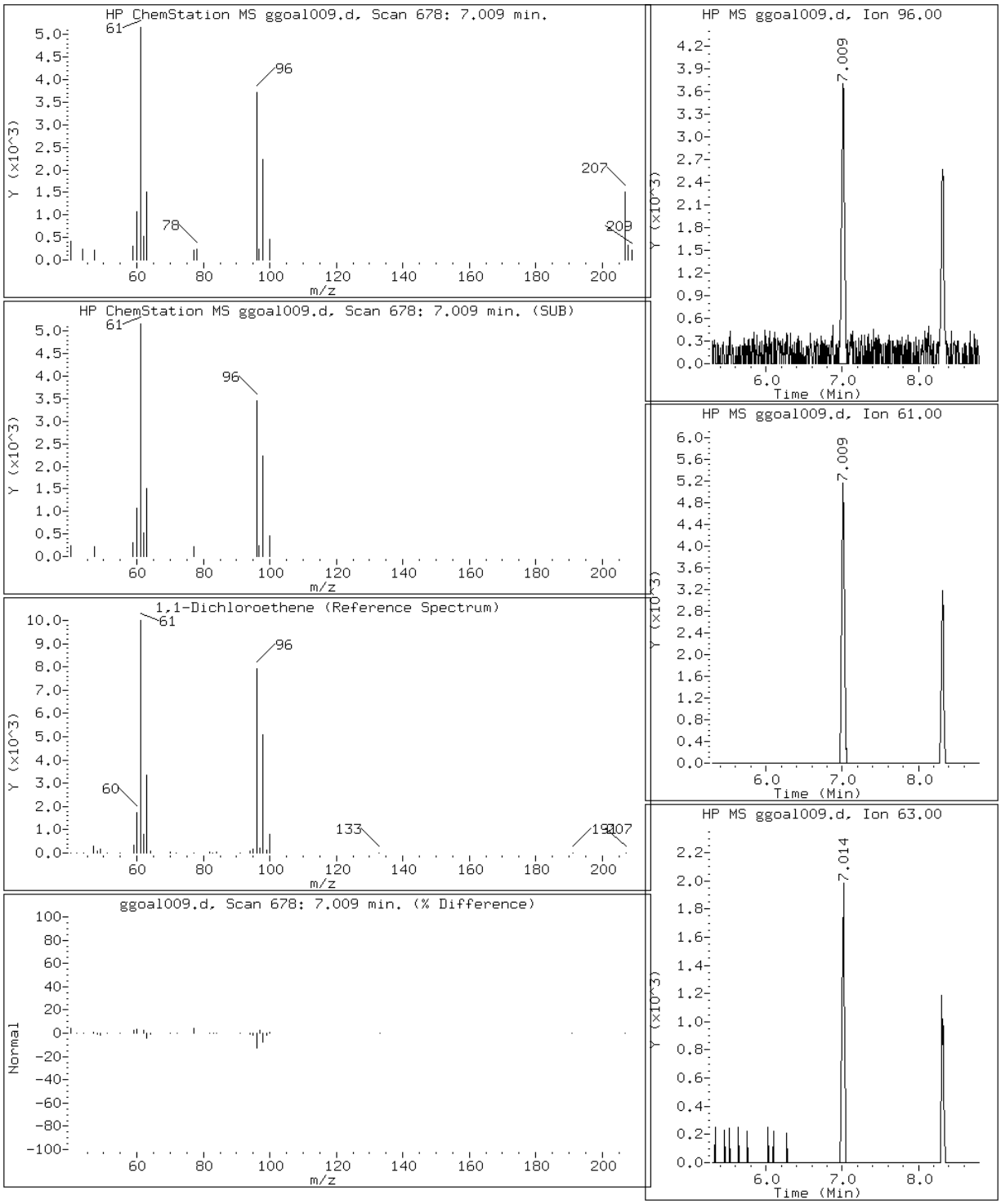
Data File: ggoal009.d

Lab Sample ID: 480-22291-2 Date: 12-JUL-2012 20:28

Client ID: LRP Effluent Instrument: G.i

Sample Info: 480-22291-A-2 Operator: AHK

19 1,1-Dichloroethene



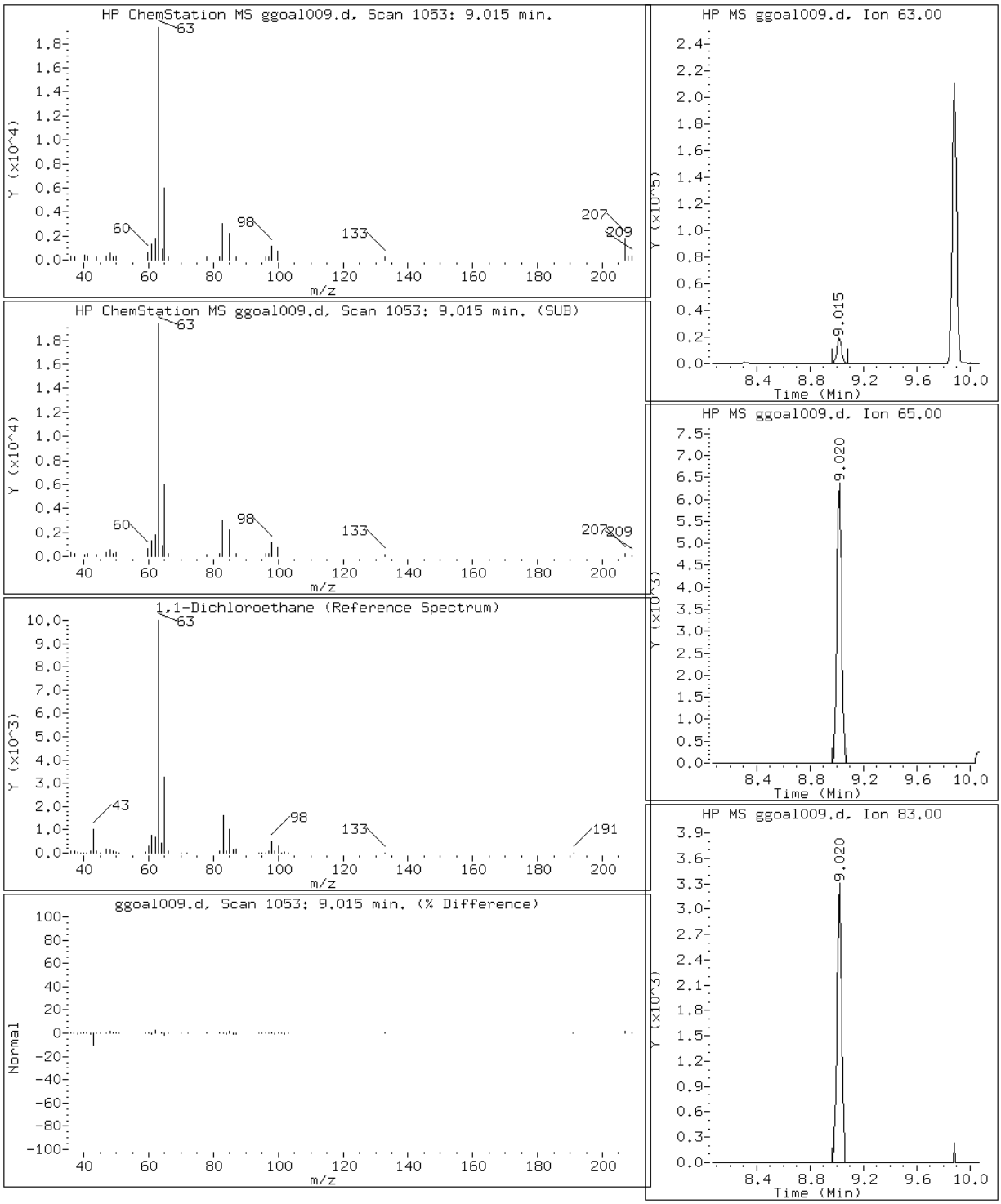
Data File: ggoal009.d

Lab Sample ID: 480-22291-2 Date: 12-JUL-2012 20:28

Client ID: LRP Effluent Instrument: G.i

Sample Info: 480-22291-A-2 Operator: AHK

31 1,1-Dichloroethane



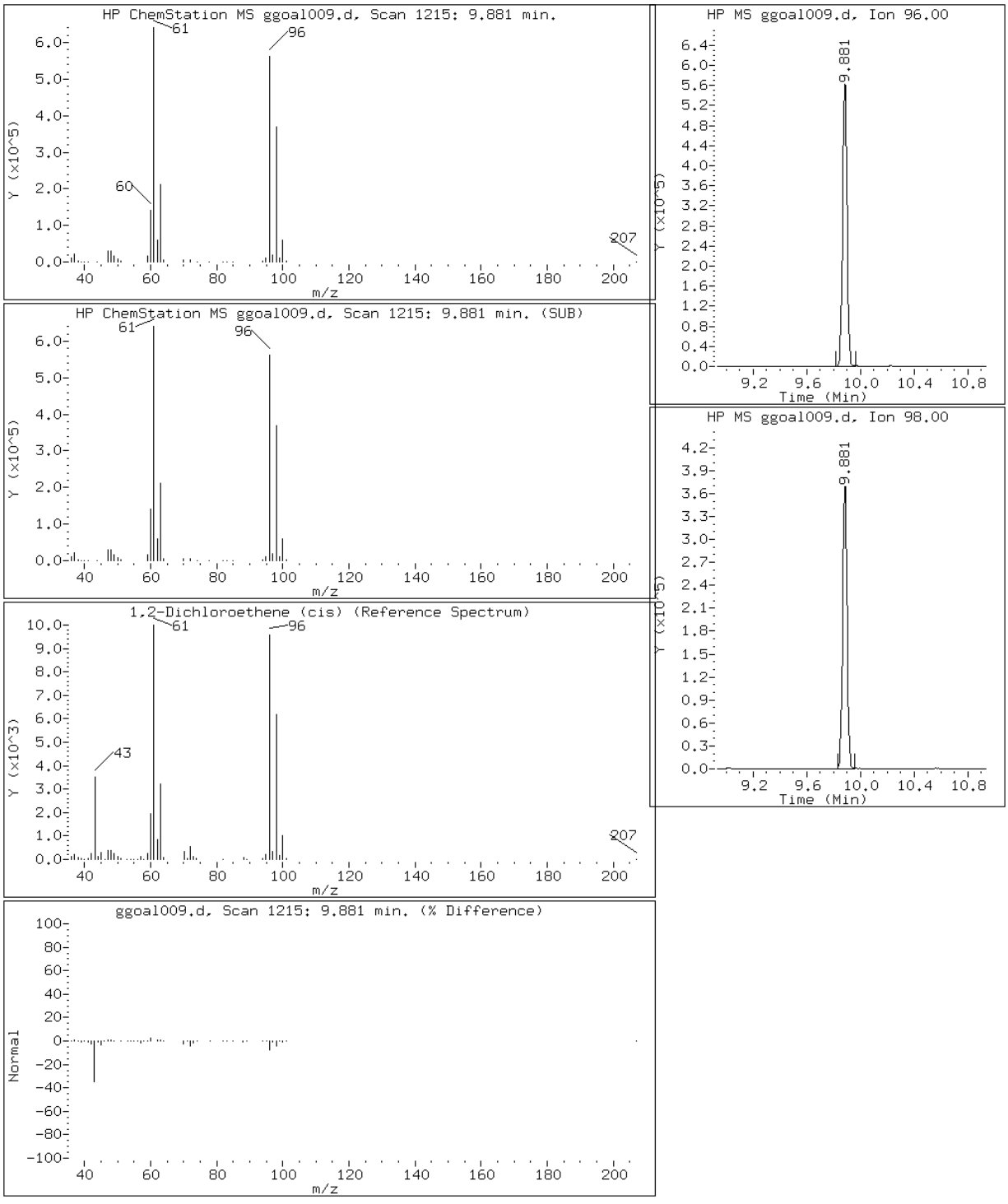
Data File: ggoal009.d

Lab Sample ID: 480-22291-2 Date: 12-JUL-2012 20:28

Client ID: LRP Effluent Instrument: G.i

Sample Info: 480-22291-A-2 Operator: AHK

34 1,2-Dichloroethene (cis)



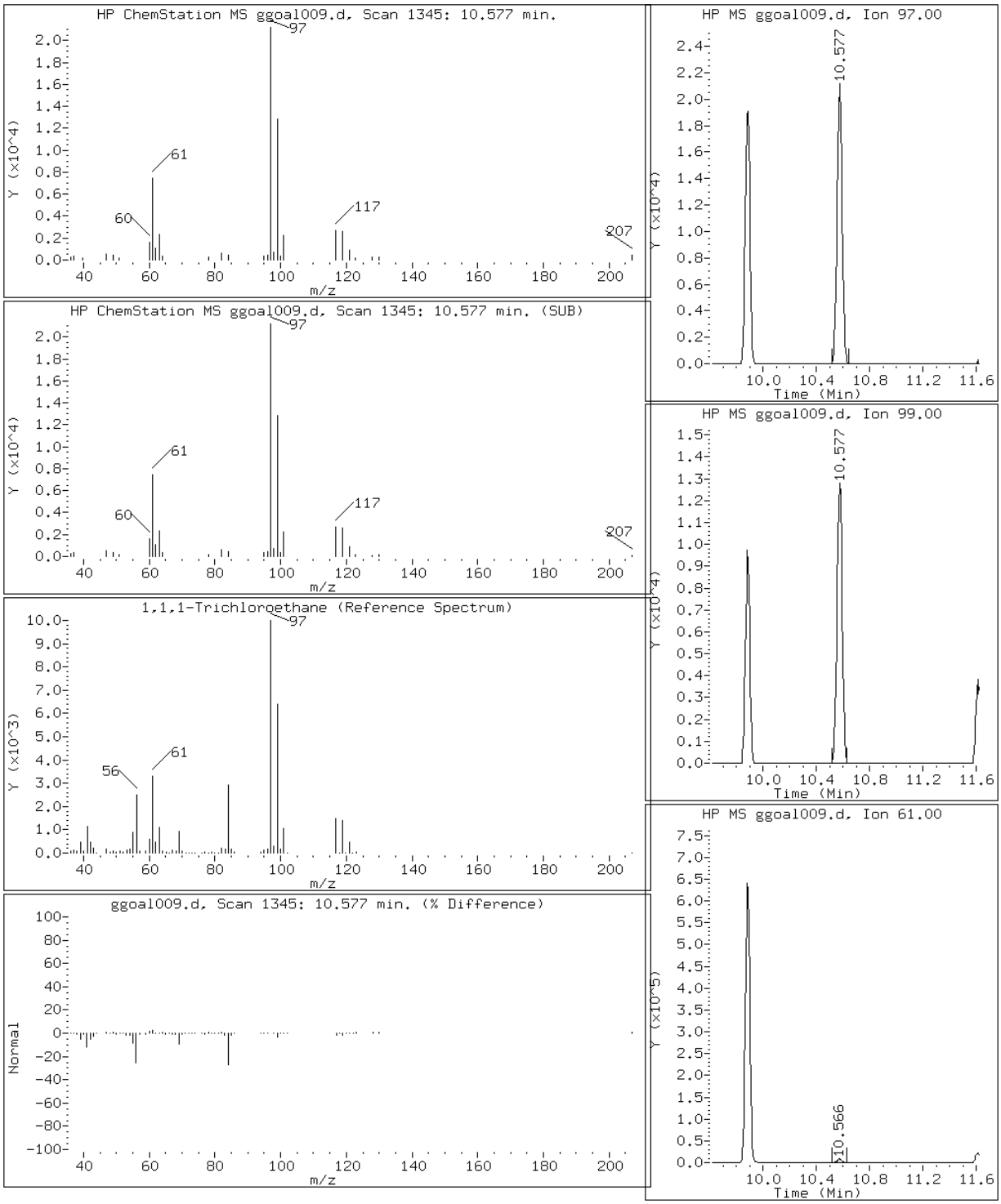
Data File: ggoal009.d

Lab Sample ID: 480-22291-2 Date: 12-JUL-2012 20:28

Client ID: LRP Effluent Instrument: G.i

Sample Info: 480-22291-A-2 Operator: AHK

41 1,1,1-Trichloroethane



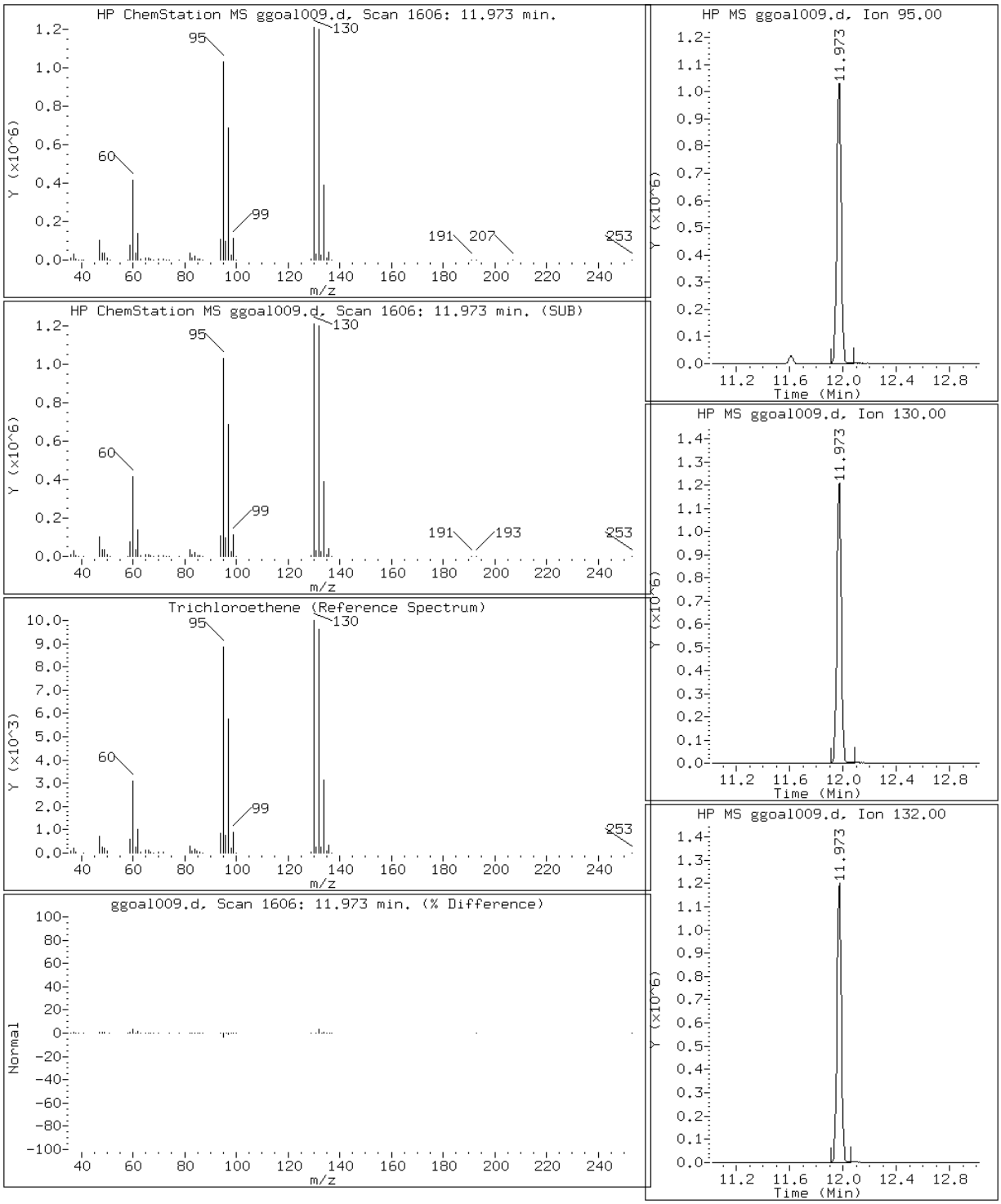
Data File: ggoal009.d

Lab Sample ID: 480-22291-2 Date: 12-JUL-2012 20:28

Client ID: LRP Effluent Instrument: G.i

Sample Info: 480-22291-A-2 Operator: AHK

49 Trichloroethene



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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-38736/3	ggo003.d
Level 2	IC 200-38736/4	ggo004.d
Level 3	IC 200-38736/5	ggo005.d
Level 4	IC 200-38736/6	ggo006.d
Level 5	ICIS 200-38736/7	ggo007.d
Level 6	IC 200-38736/8	ggo008.d
Level 7	IC 200-38736/9	ggo009.d
Level 8	IC 200-38736/10	ggo010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.5788	+++++ 0.5692	0.7196 0.5651	0.5866	0.6024	Ave		0.6036				9.7		30.0			
Dichlorodifluoromethane	+++++ 2.5993	+++++ 2.5546	2.8264 2.5163	2.6765	2.8191	Ave		2.6653				5.0		30.0			
Freon 22	+++++ 1.2962	+++++ 1.2667	1.4501 1.2508	1.3536	1.4215	Ave		1.3398				6.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.7043	3.3559 2.6383	2.9594 2.5952	2.8281	2.8274	Ave		2.8441				9.1		30.0			
Chloromethane	+++++ 0.6803	+++++ 0.6699	0.7529 0.6679	0.7071	0.7255	Ave		0.7006				4.9		30.0			
n-Butane	+++++ 1.1004	+++++ 1.0834	1.3128 1.0656	1.1409	1.1702	Ave		1.1456				7.9		30.0			
1,3-Butadiene	+++++ 0.5515	0.6673 0.5467	0.5988 0.5433	0.5709	0.5497	Ave		0.5754				7.8		30.0			
Acrolein	+++++ 0.2407	+++++ 0.2443	+++++ 0.2298	0.2352	0.2283	Ave		0.2357				2.9		30.0			
Vinyl chloride	1.0095 0.7974	1.0234 0.7918	0.8836 0.7858	0.8321	0.8601	Ave		0.8730				10.9		30.0			
Bromomethane	+++++ 0.9571	1.2510 0.9456	1.0445 0.9446	0.9843	0.9479	Ave		1.0107				11.1		30.0			
Chloroethane	+++++ 0.3635	+++++ 0.3666	0.3886 0.3684	0.3669	0.3598	Ave		0.3689				2.7		30.0			
Isopentane	+++++ 0.7307	1.1381 0.7358	0.7757 0.7326	0.7626	0.7266	Ave		0.8003				18.8		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9847	1.2344 0.9761	1.0387 0.9768	1.0002	0.9679	Ave		1.0256				9.3		30.0			
Trichlorofluoromethane	+++++ 2.4620	3.0572 2.4263	2.6801 2.4234	2.5573	2.4529	Ave		2.5799				8.9		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.0548	+++++ 1.0660	1.1629 1.0587	1.0701	1.0410	Ave		1.0756				4.1		30.0			
Ethanol	+++++ 0.2679	+++++ 0.2434	0.2738 0.2386	0.2488	0.2458	Ave		0.2530				5.6		30.0			
Ethyl ether	+++++ 0.4829	0.5020 0.4824	0.4553 0.4432	0.4793	0.4669	Ave		0.4731				4.1		30.0			
Freon TF	+++++ 1.8363	2.1597 1.8307	1.9115 1.8390	1.8476	1.8178	Ave		1.8918				6.4		30.0			
1,1-Dichloroethene	+++++ 0.8212	1.0533 0.8266	0.9112 0.8412	0.8224	0.8108	Ave		0.8695				10.1		30.0			
Acetone	+++++ 1.0141	+++++ 0.9931	+++++ 0.9902	1.1873	1.0065	Ave		1.0382				8.1		30.0			
Isopropyl alcohol	+++++ 0.7393	+++++ 0.7281	+++++ 0.6353	0.7886	0.7113	Ave		0.7205				7.7		30.0			
Carbon disulfide	+++++ 2.4695	+++++ 2.4499	2.5959 2.4546	2.5010	2.4196	Ave		2.4818				2.5		30.0			
3-Chloropropene	+++++ 0.8693	1.1148 0.8608	0.9820 0.8558	0.8605	0.8744	Ave		0.9168				10.7		30.0			
Acetonitrile	+++++ 0.4877	+++++ 0.4805	+++++ 0.3924	0.4947	0.4437	Ave		0.4598				9.2		30.0			
Methylene Chloride	+++++ 0.8054	+++++ 0.7972	1.0582 0.7844	0.8533	0.8485	Ave		0.8578				11.9		30.0			
tert-Butyl alcohol	+++++ 1.1663	+++++ 1.1538	+++++ 1.0260	1.1913	1.0935	Ave		1.1262				5.9		30.0			
Methyl tert-butyl ether	+++++ 2.0972	2.2639 2.0786	1.9393 1.9163	2.0742	1.9756	Ave		2.0493				5.8		30.0			
trans-1,2-Dichloroethene	+++++ 1.1342	1.3535 1.1227	1.2383 1.1141	1.1684	1.1263	Ave		1.1796				7.4		30.0			
Acrylonitrile	+++++ 0.4740	+++++ 0.4664	0.4306 0.4367	0.4556	0.4438	Ave		0.4512				3.8		30.0			
Ethyl acetate	+++++ 0.0544	+++++ 0.0554	+++++ 0.0504	0.0515	0.0482	Ave		0.0520				5.7		30.0			
n-Hexane	+++++ 1.0981	1.3589 1.0667	1.1576 1.0538	1.0979	1.0707	Ave		1.1291				9.5		30.0			
1,4-Dioxane	+++++ 0.0777	+++++ 0.0686	+++++ 0.0729	0.0754	0.0715	Ave		0.0732				4.8		30.0			
1,1-Dichloroethane	+++++ 1.4349	1.6608 1.4068	1.5251 1.3704	1.4276	1.3969	Ave		1.4604				6.9		30.0			
Vinyl acetate	+++++ 1.5418	+++++ 1.5457	+++++ 1.4086	1.4367	1.4240	Ave		1.4714				4.5		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.3210	+++++ 0.3205	0.3148 0.2885	0.3066	0.2951	Ave		0.3077				4.4		30.0			
cis-1,2-Dichloroethene	+++++ 0.9687	1.1544 0.9560	0.9894 0.9410	0.9564	0.9368	Ave		0.9861				7.7		30.0			
Tetrahydrofuran	+++++ 0.1604	+++++ 0.1522	+++++ 0.1580	0.1530	0.1467	Ave		0.1541				3.5		30.0			
Chloroform	+++++ 1.8769	2.1950 1.8370	1.9198 1.8093	1.8344	1.7962	Ave		1.8955				7.3		30.0			
1,1,1-Trichloroethane	+++++ 0.5025	0.6240 0.4759	0.5578 0.5303	0.4821	0.4735	Ave		0.5209				10.6		30.0			
Cyclohexane	+++++ 0.2688	0.3274 0.2549	0.3139 0.2826	0.2609	0.2581	Ave		0.2809				10.3		30.0			
2,2,4-Trimethylpentane	+++++ 0.8214	1.0601 0.7588	0.9767 0.8149	0.8011	0.7743	Ave		0.8582				13.3		30.0			
Benzene	+++++ 0.5870	0.7864 0.5322	0.6990 0.5832	0.5453	0.5280	Ave		0.6087				16.0		30.0			
1,2-Dichloroethane	+++++ 0.2667	0.3116 0.2459	0.3009 0.2756	0.2424	0.2398	Ave		0.2690				10.7		30.0			
n-Heptane	+++++ 0.2870	0.3956 0.2586	0.3541 0.2841	0.2645	0.2613	Ave		0.3007				17.7		30.0			
n-Butanol	+++++ 0.0703	+++++ 0.0692	+++++ 0.0720	0.0678	0.0654	Ave		0.0689				3.7		30.0			
Carbon tetrachloride	0.5565 0.5636	0.6310 0.5372	0.5941 0.6183	0.5280	0.5251	Ave		0.5692				7.2		30.0			
1,2-Dichloropropane	+++++ 0.1964	0.2275 0.1824	0.2224 0.1967	0.1806	0.1770	Ave		0.1976				10.2		30.0			
Methyl methacrylate	+++++ 0.1577	+++++ 0.1522	0.1302 0.1645	0.1384	0.1387	Ave		0.1470				9.0		30.0			
Dibromomethane	+++++ 0.2902	0.3176 0.2681	0.2856 0.3163	0.2410	0.2507	Ave		0.2814				10.6		30.0			
Bromodichloromethane	+++++ 0.4671	0.4923 0.4322	0.4884 0.4825	0.4193	0.4199	Ave		0.4574				7.1		30.0			
cis-1,3-Dichloropropene	+++++ 0.2928	0.3236 0.2711	0.3148 0.3020	0.2507	0.2557	Ave		0.2872				10.0		30.0			
methyl isobutyl ketone	+++++ 0.3277	+++++ 0.3097	0.3094 0.3205	0.2971	0.2920	Ave		0.3094				4.4		30.0			
Trichloroethene	0.3638 0.3077	0.3877 0.2784	0.3534 0.3147	0.2801	0.2770	Ave		0.3204				13.4		30.0			
Toluene	+++++ 0.4165	0.5194 0.4148	0.4718 0.4830	0.3983	0.3974	Ave		0.4430				10.8		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.3616	0.4787 0.3335	0.4313 0.3458	0.3453	0.3361	Ave		0.3761				15.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.2700	0.2903 0.2567	0.2820 0.2836	0.2423	0.2388	Ave		0.2663				7.7		30.0			
1,1,2-Trichloroethane	+++++ 0.2070	0.2368 0.2053	0.2360 0.2419	0.2005	0.2019	Ave		0.2185				8.6		30.0			
n-Dodecane	+++++ 0.3032	+++++ 0.2061	+++++ 0.3698	0.3442	0.3268	Ave		0.3100				20.3		30.0			
Tetrachloroethene	+++++ 0.4321	0.5261 0.4160	0.4978 0.5334	0.3773	0.3874	Ave		0.4529				14.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2969	+++++ 0.3036	0.3027 0.3539	0.2875	0.2931	Ave		0.3063				7.9		30.0			
Dibromochloromethane	+++++ 0.4973	0.4807 0.5010	0.4603 0.6156	0.4392	0.4642	Ave		0.4940				11.7		30.0			
n-Decane	+++++ 0.4112	+++++ 0.3933	0.4247 0.4554	0.4115	0.3950	Ave		0.4152				5.5		30.0			
1,2-Dibromoethane	+++++ 0.3869	0.4356 0.3706	0.4205 0.4428	0.3569	0.3608	Ave		0.3963				9.1		30.0			
Chlorobenzene	+++++ 0.5465	0.6992 0.5375	0.6585 0.6577	0.5210	0.5259	Ave		0.5923				12.8		30.0			
Ethylbenzene	+++++ 0.8519	0.9345 0.8575	0.8984 1.0202	0.8161	0.8195	Ave		0.8854				8.2		30.0			
n-Nonane	+++++ 0.3486	0.4075 0.3437	0.3757 0.4000	0.3366	0.3325	Ave		0.3635				8.5		30.0			
m,p-Xylene	+++++ 0.3578	0.3519 0.3645	0.3644 0.4290	0.3384	0.3371	Ave		0.3633				8.6		30.0			
n-Undecane	+++++ 0.4008	+++++ 0.3377	+++++ 0.4211	0.4141	0.3807	Ave		0.3909				8.6		30.0			
Xylene, o-	+++++ 0.3758	0.3848 0.3789	0.3758 0.4542	0.3546	0.3559	Ave		0.3829				8.8		30.0			
Styrene	+++++ 0.4845	0.4088 0.4944	0.4314 0.6262	0.4498	0.4664	Ave		0.4802				14.8		30.0			
Bromoform	+++++ 0.4334	0.3468 0.4470	0.3440 0.5848	0.3800	0.4121	Ave		0.4212				19.6		30.0			
Cumene	+++++ 1.0737	1.0830 1.0735	1.0339 1.2551	1.0008	1.0109	Ave		1.0759				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5345	0.5508 0.5358	0.5501 0.6109	0.5238	0.5137	Ave		0.5457				5.8		30.0			
1,2,3-Trichloropropane	+++++ 0.3487	+++++ 0.3464	0.3842 0.3816	0.3484	0.3420	Ave		0.3586				5.3		30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propylbenzene	+++++ 1.1198	1.0797 1.1090	1.0873 1.2549	1.0872	1.0826	Ave		1.1172				5.6		30.0			
4-Ethyltoluene	+++++ 0.9561	0.8993 0.9649	0.9060 1.1878	0.9120	0.9219	Ave		0.9640				10.6		30.0			
2-Chlorotoluene	+++++ 0.8785	0.9470 0.8818	0.8969 1.0804	0.8567	0.8548	Ave		0.9137				8.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.8682	0.8167 0.8729	0.8085 1.0709	0.8225	0.8067	Ave		0.8666				10.9		30.0			
Alpha Methyl Styrene	+++++ 0.4004	0.2638 0.4016	0.2739 0.5376	0.3570	0.3784	Ave		0.3732				24.6		30.0			
tert-Butylbenzene	+++++ 0.8626	0.8715 0.8711	0.8112 1.0719	0.8064	0.8014	Ave		0.8709				10.8		30.0			
1,2,4-Trimethylbenzene	+++++ 0.8213	0.7412 0.8084	0.7759 1.0188	0.7847	0.7704	Ave		0.8173				11.3		30.0			
sec-Butylbenzene	+++++ 1.2315	1.2089 1.2305	1.1888 1.4793	1.1806	1.1552	Ave		1.2393				8.8		30.0			
4-Isopropyltoluene	+++++ 1.0186	0.8879 1.0166	0.9205 1.2675	0.9690	0.9450	Ave		1.0036				12.5		30.0			
1,3-Dichlorobenzene	+++++ 0.4849	0.4541 0.4870	0.4777 0.6726	0.4688	0.4776	Ave		0.5033				15.0		30.0			
1,4-Dichlorobenzene	+++++ 0.4586	0.4153 0.4499	0.4233 0.6221	0.4286	0.4427	Ave		0.4629				15.5		30.0			
Benzyl chloride	+++++ 0.5153	0.3234 0.5177	0.3963 0.6886	0.4557	0.4813	Ave		0.4826				23.7		30.0			
n-Butylbenzene	+++++ 0.8089	0.6070 0.7895	0.7082 0.9421	0.7954	0.7611	Ave		0.7732				13.2		30.0			
1,2-Dichlorobenzene	+++++ 0.4992	0.4836 0.4935	0.5060 0.6636	0.5023	0.4876	Ave		0.5194				12.3		30.0			
1,2,4-Trichlorobenzene	+++++ 0.2143	+++++ 0.1957	0.1208 0.3249	0.1790	0.2020	Ave		0.2061				32.4	*	30.0			
Hexachlorobutadiene	+++++ 0.3381	0.3187 0.3256	0.3081 0.4338	0.3138	0.3115	Ave		0.3356				13.2		30.0			
Naphthalene	+++++ 0.5669	+++++ 0.4458	0.3469 0.7845	0.4955	0.5417	Ave		0.5302				27.7		30.0			
1,2,3-Trichlorobenzene	+++++ 0.2189	0.1077 0.1882	0.1424 0.2919	0.1985	0.2132	Ave		0.1944				30.2	*	30.0			

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

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-38736/3	ggo003.d
Level 2	IC 200-38736/4	ggo004.d
Level 3	IC 200-38736/5	ggo005.d
Level 4	IC 200-38736/6	ggo006.d
Level 5	ICIS 200-38736/7	ggo007.d
Level 6	IC 200-38736/8	ggo008.d
Level 7	IC 200-38736/9	ggo009.d
Level 8	IC 200-38736/10	ggo010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 595482	+++++ 780067	22478 1521649	193617	404016	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 2674146	+++++ 3500789	88291 6775937	883382	1890773	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 1333553	+++++ 1735928	45299 3368068	446746	953448	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 2782196	39683 3615469	92446 6988412	933421	1896366	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 699870	+++++ 918016	23518 1798597	233371	486587	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 1132137	+++++ 1484687	41009 2869578	376569	784878	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 567431	7891 749127	18704 1462886	188442	368658	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 247685	+++++ 334795	+++++ 618801	77641	153138	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	2691 820329	12102 1085085	27601 2116026	274644	576862	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 984657	14793 1295864	32627 2543523	324866	635774	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 373951	+++++ 502320	12138 991923	121090	241296	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 751793	13458 1008366	24233 1972652	251706	487315	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 1013102	14597 1337615	32448 2630294	330118	649206	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 2532968	36151 3324976	83721 6525808	844045	1645188	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 1085155	+++++ 1460875	36328 2850887	353179	698237	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 367450	+++++ 667155	85516 1606246	164247	247245	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 496832	5936 661006	14222 1193332	158190	313165	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1889194	25538 2508804	59711 4952081	609806	1219201	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 844845	12455 1132704	28463 2265172	271436	543796	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 1043363	+++++ 1360876	+++++ 2666479	391861	675040	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 760625	+++++ 997829	+++++ 1710713	260271	477061	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 2540671	+++++ 3357338	81092 6609636	825465	1622883	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 894375	13182 1179672	30676 2304486	284019	586440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 501756	+++++ 658418	+++++ 1056670	163263	297599	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 828632	+++++ 1092443	33057 2112108	281635	569088	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 1199943	+++++ 1581148	+++++ 2762918	393186	733440	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 2157659	26770 2848436	60582 5160276	684586	1325034	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 1166895	16005 1538470	38683 3000163	385643	755402	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 487619	+++++ 639182	13451 1175885	150388	297690	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 56013	+++++ 75948	+++++ 135781	16991	32312	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 1129702	16069 1461765	36161 2837800	362369	718120	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 332425	+++++ 408554	+++++ 751836	106437	205203	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 1476244	19639 1927920	47642 3690258	471196	936892	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 1586215	+++++ 2118237	+++++ 3792952	474196	955068	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 330248	+++++ 439161	9834 776808	101203	197899	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 996582	13651 1310120	30907 2533999	315660	628295	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrahydrofuran	DFB	Ave	+++++ 685968	+++++ 906501	+++++ 1629786	215958	420857	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Chloroform	BCM	Ave	+++++ 1930961	25955 2517442	59970 4872044	605445	1204744	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2149508	28800 2834032	64826 5469441	680522	1358421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 1149778	15112 1517702	36475 2914362	368364	740534	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3513210	48929 4518842	113504 8404789	1130902	2221138	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2510764	36294 3169226	81238 6015220	769754	1514754	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 1140630	14382 1464133	34974 2842025	342129	688013	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 1227756	18259 1539724	41146 2930024	373410	749546	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 300760	+++++ 412256	+++++ 742782	95721	187526	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6967 2410521	29123 3199258	69046 6376654	745312	1506464	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 840256	10499 1086186	25845 2028310	254873	507868	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 674569	+++++ 906616	15136 1696635	195329	398014	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1241249	14657 1596581	33191 3262322	340227	719140	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 1998083	22720 2573727	56756 4976074	591949	1204717	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1252199	14934 1614295	36581 3114280	353941	733444	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1401622	+++++ 1844433	35961 3305860	419412	837589	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4554 1316130	17893 1658072	41071 3245580	395371	794736	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 1712601	22153 2262166	49971 4230044	519696	1035699	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1546662	22094 1986295	50121 3566557	487458	964163	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1154884	13397 1528868	32773 2924987	342078	685176	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 851109	10100 1119708	25002 2118532	261619	526157	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Dodecane	CBZ	Ave	+++++ 1246596	+++++ 1124163	+++++ 3238632	448992	851898	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Tetrachloroethene	CBZ	Ave	+++++ 1776785	22440 2268730	52733 4670905	492266	1009882	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1220808	+++++ 1655748	32068 3099036	375095	764085	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2044695	20502 2732423	48760 5390797	572950	1209839	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1690532	+++++ 2144745	44987 3988118	536914	1029554	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 1590713	18577 2021278	44546 3877677	465679	940494	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 2246926	29820 2931568	69755 5759052	679668	1370739	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 3502810	39857 4676739	95161 8933446	1064714	2136005	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1433142	17380 1874705	39800 3502789	439098	866564	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 2942018	30018 3976036	77194 7514337	882910	1757494	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
n-Undecane	CBZ	Ave	+++++ 1647915	+++++ 1841759	+++++ 3687278	540289	992275	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Xylene, o-	CBZ	Ave	+++++ 1545189	16410 2066627	39805 3977505	462687	927581	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 1992100	17437 2696602	45695 5483530	586861	1215653	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 1781830	14792 2438156	36440 5120730	495770	1074259	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 4414737	46191 5854763	109512 10990605	1305667	2635024	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2197794	23490 2922196	58271 5349404	683367	1338837	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1433557	+++++ 1889300	40693 3341972	454571	891532	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 4604204	46047 6048280	115172 10989482	1418457	2821708	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 3931042	38356 5262447	95973 10401788	1189783	2403025	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3611953	40390 4809159	95005 9461197	1117613	2227979	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3569510	34831 4760451	85639 9377518	1073021	2102638	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

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

Lab Name: TestAmerica Burlington Job No.: 480-22291-1 Analy Batch No.: 38736

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 10:01 Calibration End Date: 05/15/2012 15:53 Calibration ID: 15327

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 1646059	11249 2190305	29008 4707827	465708	986380	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 3546705	37171 4750939	85925 9386396	1052117	2088921	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3377000	31612 4408971	82188 8921384	1023743	2008084	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 5063479	51560 6711264	125927 12954465	1540190	3010995	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 4188007	37868 5544546	97502 11099681	1264202	2463231	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 1993605	19368 2656296	50604 5890262	611615	1244921	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 1885568	17713 2453579	44843 5447343	559224	1153980	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2118489	13791 2823586	41983 6030423	594486	1254452	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3325858	25888 4306058	75013 8250001	1037703	1983836	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2052349	20626 2691540	53595 5811020	655306	1270813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 880962	+++++ 1067194	12791 2845387	233566	526632	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1390008	13593 1775551	32635 3798721	409355	811925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2330720	+++++ 2431376	36741 6869622	646429	1411827	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 900136	4592 1026298	15087 2556385	258906	555737	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo003.d
Lab Smp Id: ic 326956
Inj Date : 15-MAY-2012 10:01
Operator : wrd Inst ID: G.i
Smp Info : ic 326956
Misc Info : 40,1, level 8
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:19 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 10:01 Cal File: ggo003.d
Als bottle: 2 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	4.419	4.414	(0.430)	2691	0.04000	0.046(aM)
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
11	2-Methylbutane	43	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.282	10.288	(1.000)	666416	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.828	10.823	(0.928)	6967	0.04000	0.039(a)
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.663	11.663	(1.000)	3129657	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	12.016	12.021	(1.030)	4554	0.04000	0.045(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

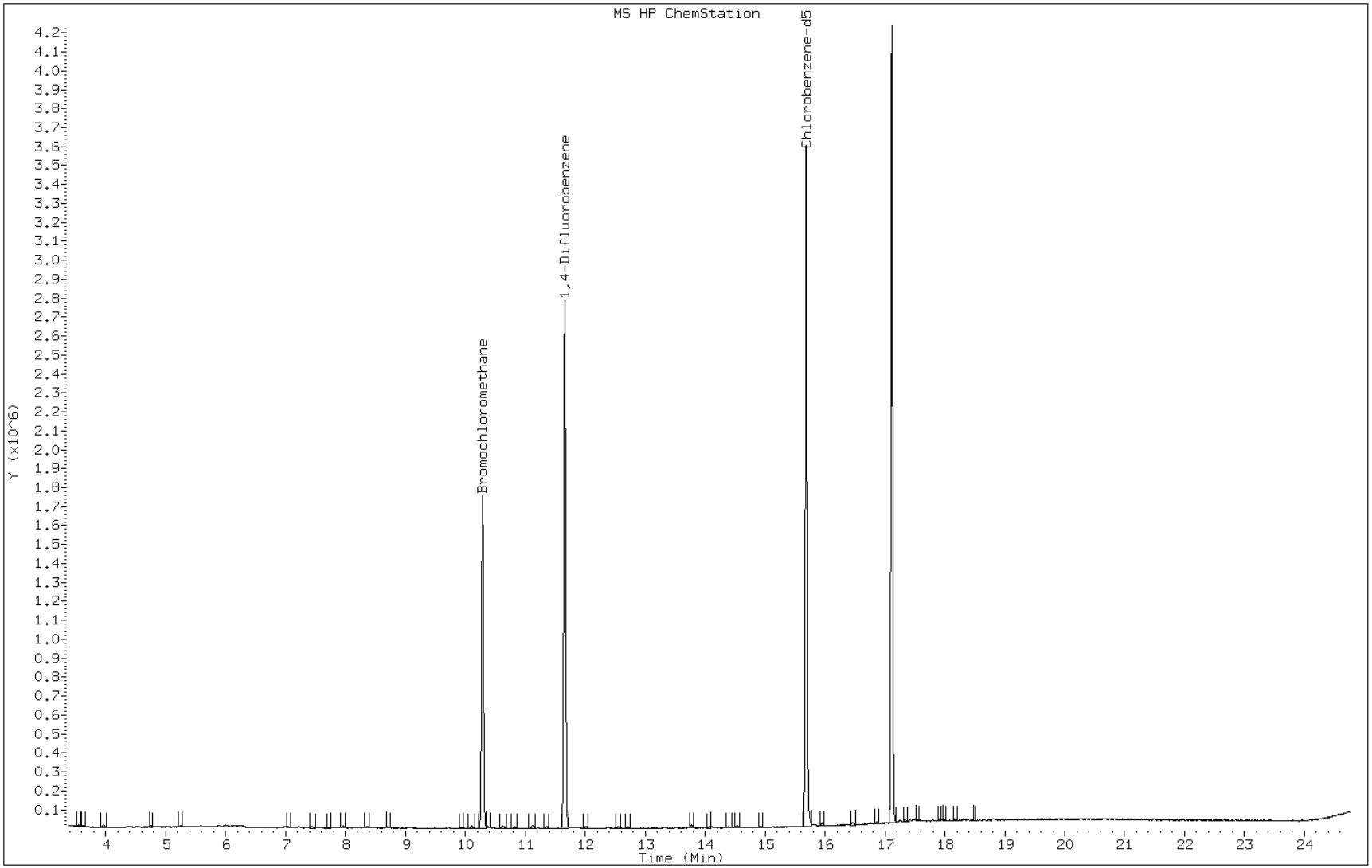
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.691	15.691	(1.000)	2774718	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: ggo003.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 326956
Lab Sample ID: ic 326956

Date: 15-MAY-2012 10:01
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



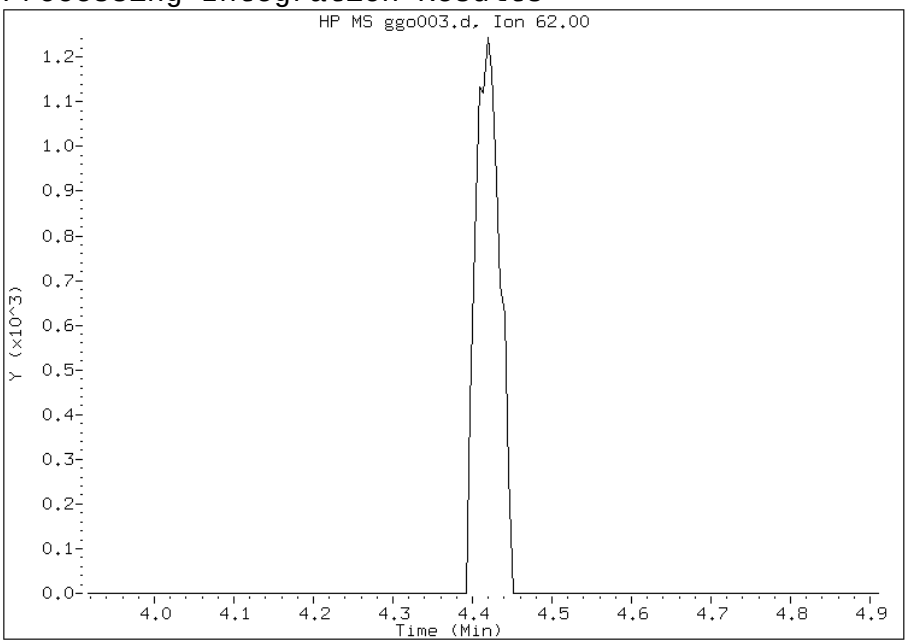
Manual Integration Report

Data File: ggo003.d
Lab Sample ID: ic 326956
Inj. Date and Time: 15-MAY-2012 10:01
Instrument ID: G.i
Client ID:
Compound: 7 Vinyl chloride
CAS #: 75-01-4
Report Date: 05/16/2012

Processing Integration Results

Not Detected

Expected RT: 4.41



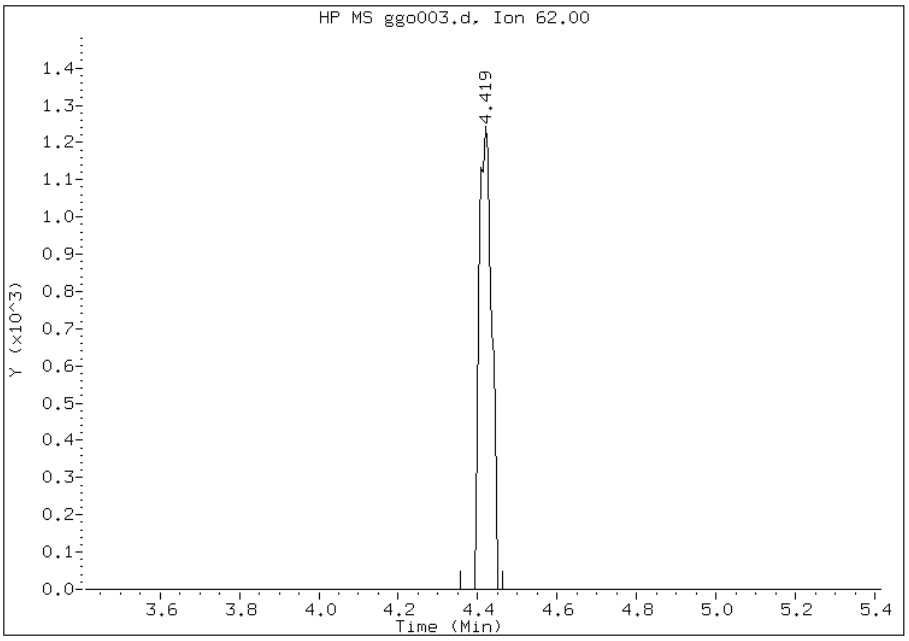
Manual Integration Results

RT: 4.42

Response: 2691

Amount: 0.046257

Conc: 0.046257



File Uploaded By: wrd
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo004.d
Lab Smp Id: ic 326956
Inj Date : 15-MAY-2012 10:52
Operator : wrd Inst ID: G.i
Smp Info : ic 326956
Misc Info : 200,1, level 1
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:19 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 10:52 Cal File: ggo004.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.542	3.542	(0.344)	9835	0.20000	0.28(a)
2 Dichlorodifluoromethane	85	3.627	3.627	(0.353)	38347	0.20000	0.24(aH)
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	20054	0.20000	0.25(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.954	3.954	(0.384)	39683	0.20000	0.24
5 Chloromethane	50	4.114	4.125	(0.400)	11248	0.20000	0.27(a)
6 Butane	43	4.376	4.371	(0.426)	19208	0.20000	0.28(a)
7 Vinyl chloride	62	4.409	4.414	(0.429)	12102	0.20000	0.23
8 1,3-Butadiene	54	4.510	4.505	(0.439)	7891	0.20000	0.23
9 Bromomethane	94	5.248	5.248	(0.510)	14793	0.20000	0.25
10 Chloroethane	64	5.478	5.489	(0.533)	5750	0.20000	0.26(a)
11 2-Methylbutane	43	5.580	5.585	(0.543)	13458	0.20000	0.28
12 Vinyl bromide	106	5.890	5.885	(0.573)	14597	0.20000	0.24
13 Trichlorofluoromethane	101	5.997	5.992	(0.583)	36151	0.20000	0.24
14 Pentane	43	6.131	6.136	(0.596)	15498	0.20000	0.24(a)

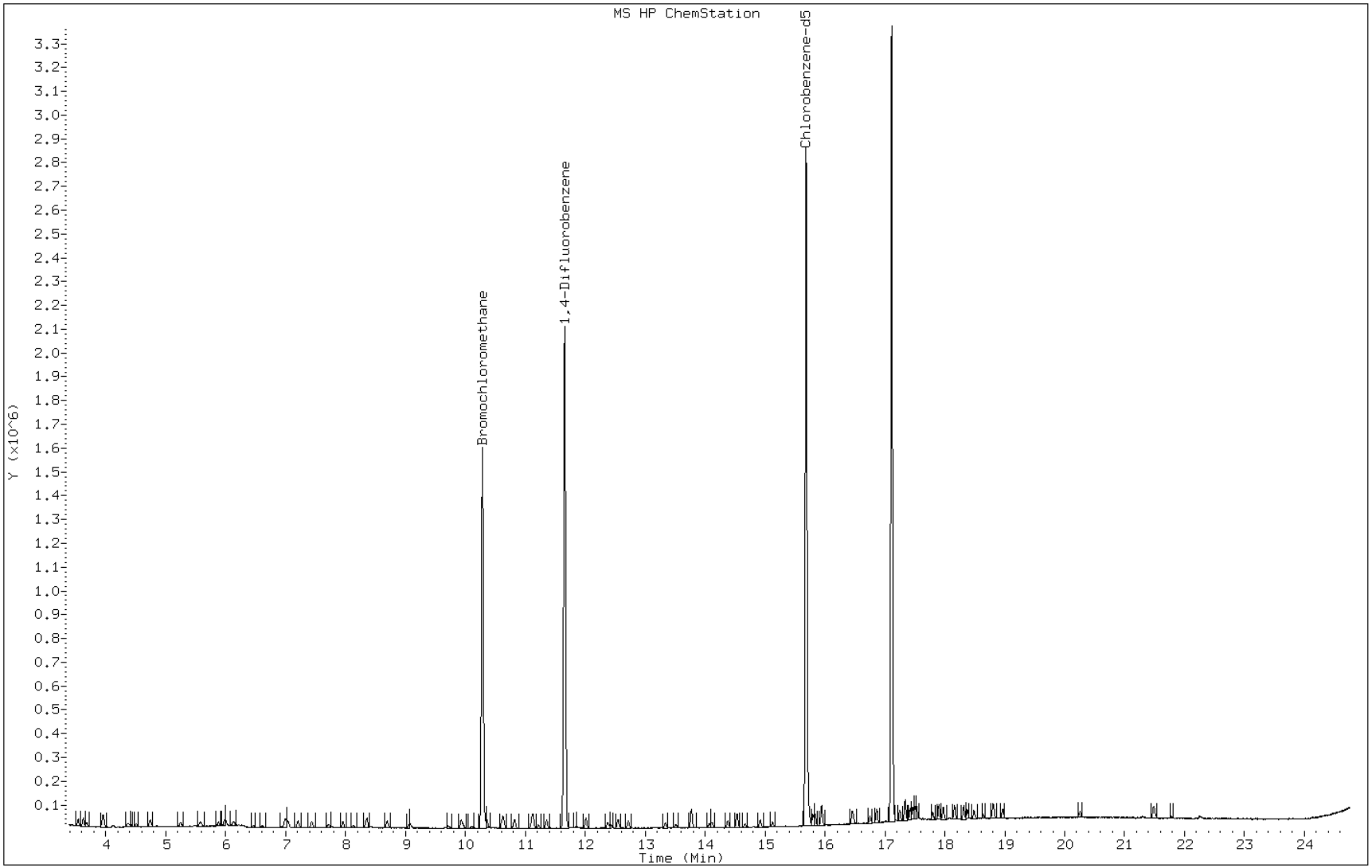
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.457	6.447	(0.628)	9646	0.20000	0.64(a)
16	Ethyl ether	59	6.618	6.602	(0.644)	5936	0.20000	0.21
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.998	6.998	(0.681)	25538	0.20000	0.23
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.046	7.046	(0.685)	12455	0.20000	0.24
20	Acetone	43	7.212	7.196	(0.701)	43972	0.20000	0.72(a)
21	Carbon disulfide	76	7.436	7.442	(0.723)	35510	0.20000	0.24(a)
22	Isopropanol	45	7.436	7.415	(0.723)	11569	0.20000	0.27(a)
23	Allyl chloride	41	7.720	7.720	(0.751)	13182	0.20000	0.24(a)
24	Acetonitrile	41	7.773	7.768	(0.756)	8564	0.20000	0.32(aQ)
25	Methylene chloride	49	7.955	7.961	(0.774)	16162	0.20000	0.32(a)
26	Tert-butyl alcohol	59	8.132	8.084	(0.791)	14283	0.20000	0.21(a)
27	Methyl tert-butyl ether	73	8.346	8.319	(0.812)	26770	0.20000	0.22
28	1,2-Dichloroethene (trans)	61	8.357	8.356	(0.813)	16005	0.20000	0.23
29	Acrylonitrile	53	8.426	8.421	(0.819)	5828	0.20000	0.22(a)
30	n-Hexane	57	8.694	8.694	(0.845)	16069	0.20000	0.24
31	1,1-Dichloroethane	63	9.068	9.068	(0.882)	19639	0.20000	0.23
32	Vinyl acetate	43	9.100	9.089	(0.885)	17287	0.20000	0.20(a)
M 33	1,2-Dichloroethene,Total	61				29656	0.40000	0.46
34	1,2-Dichloroethene (cis)	96	9.929	9.935	(0.966)	13651	0.20000	0.23
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.940	9.929	(0.967)	5450	0.20000	0.30(aQ)
* 37	Bromochloromethane	128	10.282	10.288	(1.000)	591238	10.0000	
38	Tetrahydrofuran	42	10.320	10.309	(0.885)	8642	0.20000	0.24(a)
39	Chloroform	83	10.357	10.363	(1.007)	25955	0.20000	0.23
40	Cyclohexane	84	10.646	10.641	(0.913)	15112	0.20000	0.23
41	1,1,1-Trichloroethane	97	10.620	10.619	(0.911)	28800	0.20000	0.24
42	Carbon tetrachloride	117	10.823	10.823	(0.928)	29123	0.20000	0.22
43	2,2,4-Trimethylpentane	57	11.117	11.117	(0.954)	48929	0.20000	0.25
44	Benzene	78	11.128	11.133	(0.955)	36294	0.20000	0.26
45	1,2-Dichloroethane	62	11.219	11.219	(0.962)	14382	0.20000	0.23
46	n-Heptane	43	11.358	11.358	(0.974)	18259	0.20000	0.26
* 47	1,4-Difluorobenzene	114	11.657	11.663	(1.000)	2307707	10.0000	
48	n-Butanol	56	11.861	11.828	(1.017)	4181	0.20000	0.26(aQ)
49	Trichloroethene	95	12.016	12.021	(1.031)	17893	0.20000	0.24
50	1,2-Dichloropropane	63	12.369	12.374	(1.061)	10499	0.20000	0.23
51	Methyl methacrylate	69	12.433	12.422	(1.067)	6366	0.20000	0.19(a)
52	Dibromomethane	174	12.551	12.551	(1.077)	14657	0.20000	0.23
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	12.717	12.716	(1.091)	22720	0.20000	0.22
55	1,3-Dichloropropene (cis)	75	13.337	13.342	(1.144)	14934	0.20000	0.23
56	Methyl isobutyl ketone	43	13.508	13.492	(1.159)	14049	0.20000	0.20(a)
57	n-Octane	43	13.781	13.776	(1.182)	22094	0.20000	0.25(a)
58	Toluene	92	13.770	13.770	(0.878)	22153	0.20000	0.23
59	1,3-Dichloropropene (trans)	75	14.113	14.113	(1.211)	13397	0.20000	0.22
60	1,1,2-Trichloroethane	83	14.380	14.380	(0.917)	10100	0.20000	0.22
61	Tetrachloroethene	166	14.536	14.535	(0.927)	22440	0.20000	0.23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	62 2-Hexanone	43	14.664	14.648	(0.935)	12449	0.20000	0.19(a)
	63 Dibromochloromethane	129	14.921	14.926	(0.951)	20502	0.20000	0.19(a)
	64 1,2-Dibromoethane	107	15.124	15.129	(0.964)	18577	0.20000	0.22
*	65 Chlorobenzene-d5	117	15.686	15.691	(1.000)	2132480	10.0000	
	66 Chlorobenzene	112	15.728	15.728	(1.003)	29820	0.20000	0.24
	67 n-Nonane	57	15.841	15.841	(1.010)	17380	0.20000	0.22
	68 Ethylbenzene	91	15.798	15.803	(1.007)	39857	0.20000	0.21
	69 Xylene (m,p)	106	15.948	15.948	(1.017)	30018	0.40000	0.39(a)
M	70 Xylenes, Total	106				46428	0.20000	0.59
	71 Xylene (o)	106	16.451	16.456	(1.049)	16410	0.20000	0.20
	72 Styrene	104	16.472	16.477	(1.050)	17437	0.20000	0.17(a)
	73 Bromoform	173	16.750	16.750	(1.068)	14792	0.20000	0.16(a)
	74 Isopropylbenzene	105	16.868	16.868	(1.075)	46191	0.20000	0.20
	75 1,1,2,2-Tetrachloroethane	83	17.253	17.248	(1.100)	23490	0.20000	0.20
	76 n-Propylbenzene	91	17.339	17.339	(1.105)	46047	0.20000	0.19(a)
	77 1,2,3-Trichloropropane	75	17.333	17.333	(1.105)	16503	0.20000	0.22(a)
	78 n-Decane	57	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.467	17.467	(1.114)	38356	0.20000	0.19(a)
	80 2-Chlorotoluene	91	17.499	17.499	(1.116)	40390	0.20000	0.21
	81 1,3,5-Trimethylbenzene	105	17.531	17.531	(1.118)	34831	0.20000	0.19(a)
	82 Alpha Methyl Styrene	118	17.804	17.799	(1.135)	11249	0.20000	0.14(a)
	83 tert-butylbenzene	119	17.906	17.906	(1.142)	37171	0.20000	0.20
	84 1,2,4-Trimethylbenzene	105	17.970	17.975	(1.146)	31612	0.20000	0.18(a)
	85 sec-Butylbenzene	105	18.163	18.162	(1.158)	51560	0.20000	0.20
	86 4-Isopropyltoluene	119	18.312	18.312	(1.167)	37868	0.20000	0.18(a)
	87 1,3-Dichlorobenzene	146	18.377	18.376	(1.172)	19368	0.20000	0.18(a)
	88 1,4-Dichlorobenzene	146	18.489	18.489	(1.179)	17713	0.20000	0.18(a)
	89 Benzyl chloride	91	18.639	18.639	(1.188)	13791	0.20000	0.13(a)
	90 Undecane	57	Compound Not Detected.					
	91 n-Butylbenzene	91	18.815	18.815	(1.200)	25888	0.20000	0.16(a)
	92 1,2-Dichlorobenzene	146	18.965	18.965	(1.209)	20626	0.20000	0.19(a)
	93 Dodecane	57	Compound Not Detected.					
	94 1,2,4-Trichlorobenzene	180	21.303	21.308	(1.358)	3342	0.20000	0.076(a)
	95 1,3-Hexachlorobutadiene	225	21.490	21.490	(1.370)	13593	0.20000	0.19(a)
	96 Naphthalene	128	21.779	21.784	(1.388)	10092	0.20000	0.089(a)
	97 1,2,3-Trichlorobenzene	180	22.250	22.255	(1.418)	4592	0.20000	0.11(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	ggo004.d	Date:	15-MAY-2012 10:52
Client ID:		Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 326956		
Lab Sample ID:	ic 326956		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo005.d
Lab Smp Id: ic 326958
Inj Date : 15-MAY-2012 11:42
Operator : wrd Inst ID: G.i
Smp Info : ic 326958
Misc Info : 200,1, level 2
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:19 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 11:42 Cal File: ggo005.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.542	3.542	(0.344)	22478	0.50000	0.60(a)
2 Dichlorodifluoromethane	85	3.627	3.627	(0.353)	88291	0.50000	0.53(H)
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	45299	0.50000	0.54
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.965	3.954	(0.386)	92446	0.50000	0.52
5 Chloromethane	50	4.125	4.125	(0.401)	23518	0.50000	0.54
6 Butane	43	4.371	4.371	(0.425)	41009	0.50000	0.57
7 Vinyl chloride	62	4.419	4.414	(0.430)	27601	0.50000	0.51
8 1,3-Butadiene	54	4.505	4.505	(0.438)	18704	0.50000	0.52
9 Bromomethane	94	5.248	5.248	(0.510)	32627	0.50000	0.52
10 Chloroethane	64	5.489	5.489	(0.534)	12138	0.50000	0.53
11 2-Methylbutane	43	5.580	5.585	(0.543)	24233	0.50000	0.48
12 Vinyl bromide	106	5.885	5.885	(0.572)	32448	0.50000	0.51
13 Trichlorofluoromethane	101	5.997	5.992	(0.583)	83721	0.50000	0.52
14 Pentane	43	6.131	6.136	(0.596)	36328	0.50000	0.54

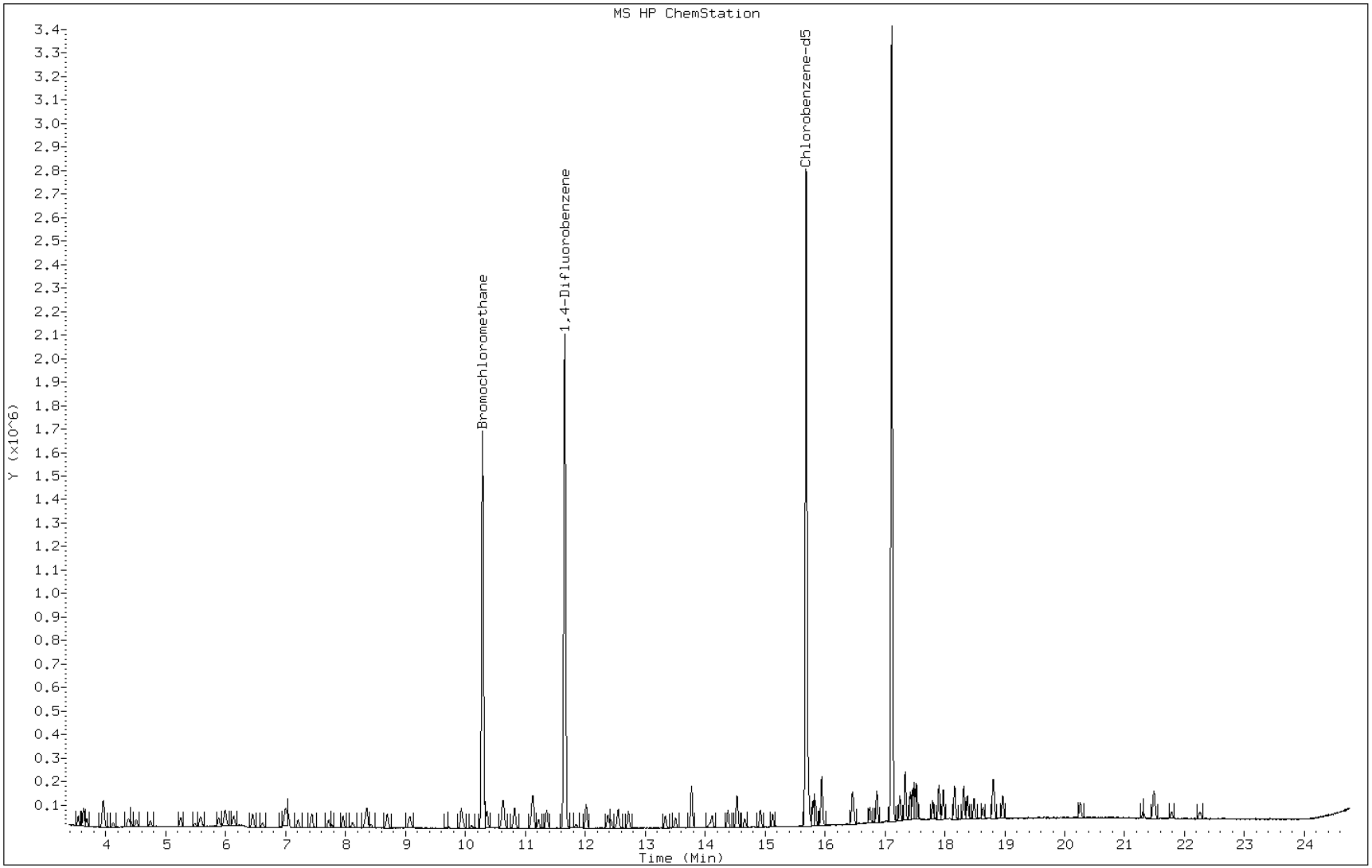
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.447	6.447	(0.627)	85516	5.00000	5.4
16	Ethyl ether	59	6.618	6.602	(0.644)	14222	0.50000	0.48
17	1,1,2-Trichloro-1,2,2-trifluo	101	7.003	6.998	(0.681)	59711	0.50000	0.51
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	7.046	7.046	(0.685)	28463	0.50000	0.52
20	Acetone	43	7.206	7.196	(0.701)	52015	0.50000	0.80(a)
21	Carbon disulfide	76	7.442	7.442	(0.724)	81092	0.50000	0.52
22	Isopropanol	45	7.436	7.415	(0.723)	24645	0.50000	0.55(a)
23	Allyl chloride	41	7.720	7.720	(0.751)	30676	0.50000	0.54
24	Acetonitrile	41	7.774	7.768	(0.756)	13800	0.50000	0.48(aQ)
25	Methylene chloride	49	7.961	7.961	(0.774)	33057	0.50000	0.62
26	Tert-butyl alcohol	59	8.121	8.084	(0.790)	32984	0.50000	0.47(a)
27	Methyl tert-butyl ether	73	8.330	8.319	(0.810)	60582	0.50000	0.47
28	1,2-Dichloroethene (trans)	61	8.357	8.356	(0.813)	38683	0.50000	0.52
29	Acrylonitrile	53	8.426	8.421	(0.819)	13451	0.50000	0.48(a)
30	n-Hexane	57	8.694	8.694	(0.845)	36161	0.50000	0.51
31	1,1-Dichloroethane	63	9.068	9.068	(0.882)	47642	0.50000	0.52
32	Vinyl acetate	43	9.090	9.089	(0.884)	40602	0.50000	0.44(a)
M 33	1,2-Dichloroethene,Total	61				69590	1.00000	1.0
34	1,2-Dichloroethene (cis)	96	9.929	9.935	(0.966)	30907	0.50000	0.50
35	Ethyl acetate	88	9.967	9.956	(0.969)	1508	0.50000	0.46(a)
36	Methyl Ethyl Ketone	72	9.935	9.929	(0.966)	9834	0.50000	0.51
* 37	Bromochloromethane	128	10.283	10.288	(1.000)	624768	10.0000	
38	Tetrahydrofuran	42	10.325	10.309	(0.886)	19700	0.50000	0.55(a)
39	Chloroform	83	10.357	10.363	(1.007)	59970	0.50000	0.51
40	Cyclohexane	84	10.641	10.641	(0.913)	36475	0.50000	0.56
41	1,1,1-Trichloroethane	97	10.614	10.619	(0.910)	64826	0.50000	0.54
42	Carbon tetrachloride	117	10.823	10.823	(0.928)	69046	0.50000	0.52
43	2,2,4-Trimethylpentane	57	11.117	11.117	(0.954)	113504	0.50000	0.57
44	Benzene	78	11.133	11.133	(0.955)	81238	0.50000	0.57
45	1,2-Dichloroethane	62	11.219	11.219	(0.962)	34974	0.50000	0.56
46	n-Heptane	43	11.358	11.358	(0.974)	41146	0.50000	0.59
* 47	1,4-Difluorobenzene	114	11.657	11.663	(1.000)	2324253	10.0000	
48	n-Butanol	56	11.850	11.828	(1.017)	9009	0.50000	0.56(aQ)
49	Trichloroethene	95	12.016	12.021	(1.031)	41071	0.50000	0.55
50	1,2-Dichloropropane	63	12.380	12.374	(1.062)	25845	0.50000	0.56
51	Methyl methacrylate	69	12.428	12.422	(1.066)	15136	0.50000	0.44(a)
52	Dibromomethane	174	12.551	12.551	(1.077)	33191	0.50000	0.51
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	12.717	12.716	(1.091)	56756	0.50000	0.53
55	1,3-Dichloropropene (cis)	75	13.337	13.342	(1.144)	36581	0.50000	0.55
56	Methyl isobutyl ketone	43	13.508	13.492	(1.159)	35961	0.50000	0.50
57	n-Octane	43	13.781	13.776	(1.182)	50121	0.50000	0.57
58	Toluene	92	13.771	13.770	(0.878)	49971	0.50000	0.53
59	1,3-Dichloropropene (trans)	75	14.118	14.113	(1.211)	32773	0.50000	0.53
60	1,1,2-Trichloroethane	83	14.380	14.380	(0.916)	25002	0.50000	0.54
61	Tetrachloroethene	166	14.536	14.535	(0.926)	52733	0.50000	0.55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.659	14.648	(0.934)	32068	0.50000	0.49(a)
63	Dibromochloromethane	129	14.921	14.926	(0.951)	48760	0.50000	0.47
64	1,2-Dibromoethane	107	15.129	15.129	(0.964)	44546	0.50000	0.53
* 65	Chlorobenzene-d5	117	15.691	15.691	(1.000)	2118494	10.0000	
66	Chlorobenzene	112	15.729	15.728	(1.002)	69755	0.50000	0.56
67	n-Nonane	57	15.841	15.841	(1.010)	39800	0.50000	0.52
68	Ethylbenzene	91	15.803	15.803	(1.007)	95161	0.50000	0.51
69	Xylene (m,p)	106	15.948	15.948	(1.016)	77194	1.00000	1.0
M 70	Xylenes, Total	106				116999	0.50000	1.5
71	Xylene (o)	106	16.456	16.456	(1.049)	39805	0.50000	0.49
72	Styrene	104	16.477	16.477	(1.050)	45695	0.50000	0.45
73	Bromoform	173	16.750	16.750	(1.067)	36440	0.50000	0.41
74	Isopropylbenzene	105	16.863	16.868	(1.075)	109512	0.50000	0.48
75	1,1,2,2-Tetrachloroethane	83	17.248	17.248	(1.099)	58271	0.50000	0.50
76	n-Propylbenzene	91	17.339	17.339	(1.105)	115172	0.50000	0.49
77	1,2,3-Trichloropropane	75	17.333	17.333	(1.105)	40693	0.50000	0.54
78	n-Decane	57	17.424	17.424	(1.110)	44987	0.50000	0.51
79	4-Ethyltoluene	105	17.467	17.467	(1.113)	95973	0.50000	0.47
80	2-Chlorotoluene	91	17.499	17.499	(1.115)	95005	0.50000	0.49
81	1,3,5-Trimethylbenzene	105	17.531	17.531	(1.117)	85639	0.50000	0.47
82	Alpha Methyl Styrene	118	17.799	17.799	(1.134)	29008	0.50000	0.37
83	tert-butylbenzene	119	17.906	17.906	(1.141)	85925	0.50000	0.47
84	1,2,4-Trimethylbenzene	105	17.970	17.975	(1.145)	82188	0.50000	0.47
85	sec-Butylbenzene	105	18.163	18.162	(1.157)	125927	0.50000	0.48
86	4-Isopropyltoluene	119	18.318	18.312	(1.167)	97502	0.50000	0.46
87	1,3-Dichlorobenzene	146	18.377	18.376	(1.171)	50604	0.50000	0.47
88	1,4-Dichlorobenzene	146	18.489	18.489	(1.178)	44843	0.50000	0.46
89	Benzyl chloride	91	18.639	18.639	(1.188)	41983	0.50000	0.41
90	Undecane	57	18.799	18.799	(1.198)	44026	0.50000	0.53(a)
91	n-Butylbenzene	91	18.821	18.815	(1.199)	75013	0.50000	0.46
92	1,2-Dichlorobenzene	146	18.965	18.965	(1.209)	53595	0.50000	0.49
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	21.303	21.308	(1.358)	12791	0.50000	0.29(a)
95	1,3-Hexachlorobutadiene	225	21.490	21.490	(1.370)	32635	0.50000	0.46
96	Naphthalene	128	21.784	21.784	(1.388)	36741	0.50000	0.33(a)
97	1,2,3-Trichlorobenzene	180	22.261	22.255	(1.419)	15087	0.50000	0.37

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	ggo005.d	Date:	15-MAY-2012 11:42
Client ID:		Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 326958		
Lab Sample ID:	ic 326958		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo006.d
Lab Smp Id: ic 325653
Inj Date : 15-MAY-2012 12:32
Operator : wrd Inst ID: G.i
Smp Info : ic 325653
Misc Info : 200,1, level 3
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:19 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 12:32 Cal File: ggo006.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.542	3.542	(0.344)	193617	5.00000	4.9(a)
2 Dichlorodifluoromethane	85	3.628	3.627	(0.353)	883382	5.00000	5.0(H)
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	446746	5.00000	5.1
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.954	3.954	(0.385)	933421	5.00000	5.0
5 Chloromethane	50	4.125	4.125	(0.401)	233371	5.00000	5.0
6 Butane	43	4.371	4.371	(0.425)	376569	5.00000	5.0
7 Vinyl chloride	62	4.414	4.414	(0.429)	274644	5.00000	4.8
8 1,3-Butadiene	54	4.505	4.505	(0.438)	188442	5.00000	5.0
9 Bromomethane	94	5.248	5.248	(0.510)	324866	5.00000	4.9
10 Chloroethane	64	5.484	5.489	(0.533)	121090	5.00000	5.0
11 2-Methylbutane	43	5.580	5.585	(0.543)	251706	5.00000	4.8
12 Vinyl bromide	106	5.885	5.885	(0.572)	330118	5.00000	4.9
13 Trichlorofluoromethane	101	5.992	5.992	(0.583)	844045	5.00000	5.0
14 Pentane	43	6.131	6.136	(0.596)	353179	5.00000	5.0

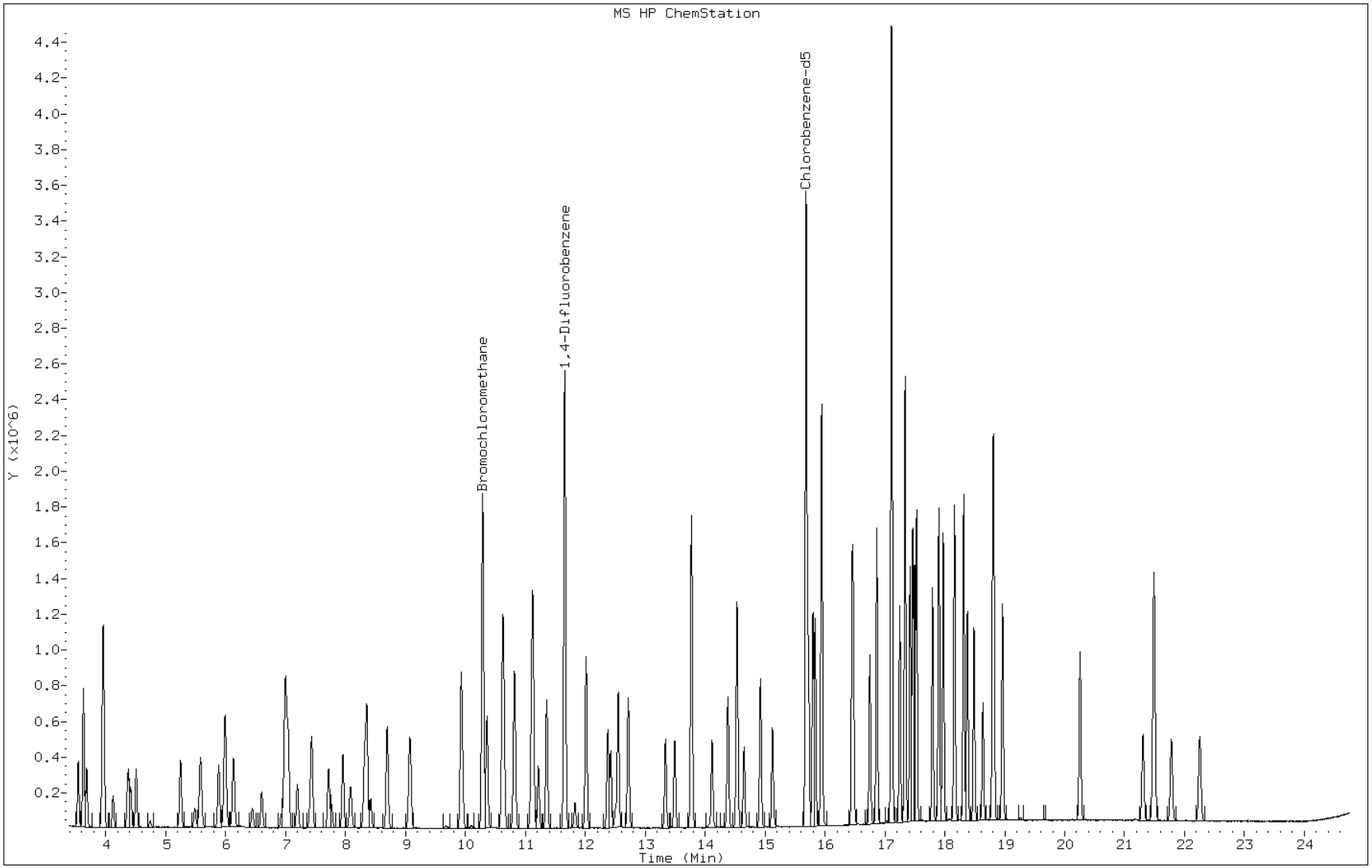
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15	Ethanol	45	6.447	6.447	(0.627)	164247	10.0000	9.8
16	Ethyl ether	59	6.602	6.602	(0.642)	158190	5.00000	5.1
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.998	6.998	(0.681)	609806	5.00000	4.9
18	Acrolein	56	6.928	6.928	(0.674)	77641	5.00000	5.0
19	1,1-Dichloroethene	96	7.046	7.046	(0.685)	271436	5.00000	4.7
20	Acetone	43	7.196	7.196	(0.700)	391861	5.00000	5.7
21	Carbon disulfide	76	7.437	7.442	(0.723)	825465	5.00000	5.0
22	Isopropanol	45	7.415	7.415	(0.721)	260271	5.00000	5.5
23	Allyl chloride	41	7.720	7.720	(0.751)	284019	5.00000	4.7
24	Acetonitrile	41	7.768	7.768	(0.755)	163263	5.00000	5.4(Q)
25	Methylene chloride	49	7.961	7.961	(0.774)	281635	5.00000	5.0
26	Tert-butyl alcohol	59	8.089	8.084	(0.787)	393186	5.00000	5.3
27	Methyl tert-butyl ether	73	8.319	8.319	(0.809)	684586	5.00000	5.1
28	1,2-Dichloroethene (trans)	61	8.357	8.356	(0.813)	385643	5.00000	5.0
29	Acrylonitrile	53	8.416	8.421	(0.818)	150388	5.00000	5.0
30	n-Hexane	57	8.694	8.694	(0.845)	362369	5.00000	4.9
31	1,1-Dichloroethane	63	9.063	9.068	(0.881)	471196	5.00000	4.9
32	Vinyl acetate	43	9.084	9.089	(0.883)	474196	5.00000	4.9(a)
M 33	1,2-Dichloroethene,Total	61				701303	10.0000	9.8
34	1,2-Dichloroethene (cis)	96	9.930	9.935	(0.966)	315660	5.00000	4.8
35	Ethyl acetate	88	9.956	9.956	(0.968)	16991	5.00000	5.0
36	Methyl Ethyl Ketone	72	9.930	9.929	(0.966)	101203	5.00000	5.0
* 37	Bromochloromethane	128	10.283	10.288	(1.000)	660105	10.0000	
38	Tetrahydrofuran	42	10.309	10.309	(0.884)	215958	5.00000	5.0
39	Chloroform	83	10.357	10.363	(1.007)	605445	5.00000	4.8
40	Cyclohexane	84	10.636	10.641	(0.912)	368364	5.00000	4.6
41	1,1,1-Trichloroethane	97	10.620	10.619	(0.911)	680522	5.00000	4.6
42	Carbon tetrachloride	117	10.818	10.823	(0.928)	745312	5.00000	4.6
43	2,2,4-Trimethylpentane	57	11.112	11.117	(0.953)	1130902	5.00000	4.7
44	Benzene	78	11.133	11.133	(0.955)	769754	5.00000	4.5
45	1,2-Dichloroethane	62	11.219	11.219	(0.962)	342129	5.00000	4.5
46	n-Heptane	43	11.358	11.358	(0.974)	373410	5.00000	4.4
* 47	1,4-Difluorobenzene	114	11.657	11.663	(1.000)	2823272	10.0000	
48	n-Butanol	56	11.829	11.828	(1.015)	95721	5.00000	4.9(a)
49	Trichloroethene	95	12.016	12.021	(1.031)	395371	5.00000	4.4
50	1,2-Dichloropropane	63	12.374	12.374	(1.061)	254873	5.00000	4.6
51	Methyl methacrylate	69	12.422	12.422	(1.066)	195329	5.00000	4.7
52	Dibromomethane	174	12.551	12.551	(1.077)	340227	5.00000	4.3
53	1,4-Dioxane	88	12.503	12.497	(1.073)	106437	5.00000	5.1
54	Bromodichloromethane	83	12.717	12.716	(1.091)	591949	5.00000	4.6
55	1,3-Dichloropropene (cis)	75	13.343	13.342	(1.145)	353941	5.00000	4.4
56	Methyl isobutyl ketone	43	13.492	13.492	(1.157)	419412	5.00000	4.8
57	n-Octane	43	13.776	13.776	(1.182)	487458	5.00000	4.6
58	Toluene	92	13.771	13.770	(0.878)	519696	5.00000	4.5
59	1,3-Dichloropropene (trans)	75	14.113	14.113	(1.211)	342078	5.00000	4.6
60	1,1,2-Trichloroethane	83	14.375	14.380	(0.916)	261619	5.00000	4.6
61	Tetrachloroethene	166	14.530	14.535	(0.926)	492266	5.00000	4.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	62 2-Hexanone	43	14.648	14.648	(0.934)	375095	5.00000	4.7
	63 Dibromochloromethane	129	14.926	14.926	(0.952)	572950	5.00000	4.4
	64 1,2-Dibromoethane	107	15.124	15.129	(0.964)	465679	5.00000	4.5
*	65 Chlorobenzene-d5	117	15.686	15.691	(1.000)	2609260	10.0000	
	66 Chlorobenzene	112	15.729	15.728	(1.003)	679668	5.00000	4.4
	67 n-Nonane	57	15.841	15.841	(1.010)	439098	5.00000	4.6
	68 Ethylbenzene	91	15.803	15.803	(1.008)	1064714	5.00000	4.6
	69 Xylene (m,p)	106	15.948	15.948	(1.017)	882910	10.0000	9.3
M	70 Xylenes, Total	106				1345597	5.00000	14
	71 Xylene (o)	106	16.451	16.456	(1.049)	462687	5.00000	4.6
	72 Styrene	104	16.472	16.477	(1.050)	586861	5.00000	4.7
	73 Bromoform	173	16.750	16.750	(1.068)	495770	5.00000	4.5
	74 Isopropylbenzene	105	16.863	16.868	(1.075)	1305667	5.00000	4.7
	75 1,1,2,2-Tetrachloroethane	83	17.248	17.248	(1.100)	683367	5.00000	4.8
	76 n-Propylbenzene	91	17.339	17.339	(1.105)	1418457	5.00000	4.9
	77 1,2,3-Trichloropropane	75	17.333	17.333	(1.105)	454571	5.00000	4.9
	78 n-Decane	57	17.419	17.424	(1.111)	536914	5.00000	5.0
	79 4-Ethyltoluene	105	17.467	17.467	(1.114)	1189783	5.00000	4.7
	80 2-Chlorotoluene	91	17.499	17.499	(1.116)	1117613	5.00000	4.7
	81 1,3,5-Trimethylbenzene	105	17.531	17.531	(1.118)	1073021	5.00000	4.7
	82 Alpha Methyl Styrene	118	17.799	17.799	(1.135)	465708	5.00000	4.8
	83 tert-butylbenzene	119	17.906	17.906	(1.142)	1052117	5.00000	4.6
	84 1,2,4-Trimethylbenzene	105	17.970	17.975	(1.146)	1023743	5.00000	4.8
	85 sec-Butylbenzene	105	18.163	18.162	(1.158)	1540190	5.00000	4.8
	86 4-Isopropyltoluene	119	18.312	18.312	(1.167)	1264202	5.00000	4.8
	87 1,3-Dichlorobenzene	146	18.377	18.376	(1.172)	611615	5.00000	4.7
	88 1,4-Dichlorobenzene	146	18.489	18.489	(1.179)	559224	5.00000	4.6
	89 Benzyl chloride	91	18.633	18.639	(1.188)	594486	5.00000	4.7
	90 Undecane	57	18.799	18.799	(1.198)	540289	5.00000	5.3
	91 n-Butylbenzene	91	18.815	18.815	(1.200)	1037703	5.00000	5.1
	92 1,2-Dichlorobenzene	146	18.965	18.965	(1.209)	655306	5.00000	4.8
	93 Dodecane	57	20.254	20.254	(1.291)	448992	5.00000	5.6
	94 1,2,4-Trichlorobenzene	180	21.308	21.308	(1.358)	233566	5.00000	4.3
	95 1,3-Hexachlorobutadiene	225	21.490	21.490	(1.370)	409355	5.00000	4.7
	96 Naphthalene	128	21.784	21.784	(1.389)	646429	5.00000	4.7
	97 1,2,3-Trichlorobenzene	180	22.255	22.255	(1.419)	258906	5.00000	5.1

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	ggo006.d	Date:	15-MAY-2012 12:32
Client ID:		Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 325653		
Lab Sample ID:	ic 325653		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo007.d
Lab Smp Id: icis 325661
Inj Date : 15-MAY-2012 13:22
Operator : wrd Inst ID: G.i
Smp Info : icis 325661
Misc Info : 200,1, level 4
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:19 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 13:22 Cal File: ggo007.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.542	3.542	(0.344)	404016	10.0000	10
2 Dichlorodifluoromethane	85	3.627	3.627	(0.353)	1890773	10.0000	11(H)
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	953448	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.954	3.954	(0.384)	1896366	10.0000	9.9
5 Chloromethane	50	4.125	4.125	(0.401)	486587	10.0000	10
6 Butane	43	4.371	4.371	(0.425)	784878	10.0000	10
7 Vinyl chloride	62	4.414	4.414	(0.429)	576862	10.0000	9.9
8 1,3-Butadiene	54	4.505	4.505	(0.438)	368658	10.0000	9.6
9 Bromomethane	94	5.248	5.248	(0.510)	635774	10.0000	9.4
10 Chloroethane	64	5.489	5.489	(0.534)	241296	10.0000	9.8
11 2-Methylbutane	43	5.585	5.585	(0.543)	487315	10.0000	9.1
12 Vinyl bromide	106	5.885	5.885	(0.572)	649206	10.0000	9.4
13 Trichlorofluoromethane	101	5.992	5.992	(0.582)	1645188	10.0000	9.5
14 Pentane	43	6.136	6.136	(0.596)	698237	10.0000	9.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.447	6.447	(0.627)	247245	15.0000	15(H)
	16 Ethyl ether	59	6.602	6.602	(0.642)	313165	10.0000	9.9
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.998	6.998	(0.680)	1219201	10.0000	9.6
	18 Acrolein	56	6.928	6.928	(0.673)	153138	10.0000	9.7
	19 1,1-Dichloroethene	96	7.046	7.046	(0.685)	543796	10.0000	9.3
	20 Acetone	43	7.196	7.196	(0.699)	675040	10.0000	9.7(H)
	21 Carbon disulfide	76	7.442	7.442	(0.723)	1622883	10.0000	9.7
	22 Isopropanol	45	7.415	7.415	(0.721)	477061	10.0000	9.9
	23 Allyl chloride	41	7.720	7.720	(0.750)	586440	10.0000	9.5(H)
	24 Acetonitrile	41	7.768	7.768	(0.755)	297599	10.0000	9.7
	25 Methylene chloride	49	7.961	7.961	(0.774)	569088	10.0000	9.9
	26 Tert-butyl alcohol	59	8.084	8.084	(0.786)	733440	10.0000	9.7(H)
	27 Methyl tert-butyl ether	73	8.319	8.319	(0.809)	1325034	10.0000	9.6
	28 1,2-Dichloroethene (trans)	61	8.356	8.356	(0.812)	755402	10.0000	9.5
	29 Acrylonitrile	53	8.421	8.421	(0.818)	297690	10.0000	9.8
	30 n-Hexane	57	8.694	8.694	(0.845)	718120	10.0000	9.5
	31 1,1-Dichloroethane	63	9.068	9.068	(0.881)	936892	10.0000	9.6
	32 Vinyl acetate	43	9.089	9.089	(0.884)	955068	10.0000	9.7
M	33 1,2-Dichloroethene,Total	61				1383697	20.0000	19
	34 1,2-Dichloroethene (cis)	96	9.935	9.935	(0.966)	628295	10.0000	9.5
	35 Ethyl acetate	88	9.956	9.956	(0.968)	32312	10.0000	9.3
	36 Methyl Ethyl Ketone	72	9.929	9.929	(0.965)	197899	10.0000	9.6
*	37 Bromochloromethane	128	10.288	10.288	(1.000)	670712	10.0000	
	38 Tetrahydrofuran	42	10.309	10.309	(0.876)	420857	10.0000	9.5
	39 Chloroform	83	10.363	10.363	(1.007)	1204744	10.0000	9.5(H)
	40 Cyclohexane	84	10.641	10.641	(0.904)	740534	10.0000	9.2
	41 1,1,1-Trichloroethane	97	10.619	10.619	(0.903)	1358421	10.0000	9.1
	42 Carbon tetrachloride	117	10.823	10.823	(0.920)	1506464	10.0000	9.2
	43 2,2,4-Trimethylpentane	57	11.117	11.117	(0.945)	2221138	10.0000	9.0
	44 Benzene	78	11.133	11.133	(0.946)	1514754	10.0000	8.7
	45 1,2-Dichloroethane	62	11.219	11.219	(0.954)	688013	10.0000	8.9(H)
	46 n-Heptane	43	11.358	11.358	(0.965)	749546	10.0000	8.7
*	47 1,4-Difluorobenzene	114	11.663	11.663	(1.000)	2868754	10.0000	(H)
	48 n-Butanol	56	11.828	11.828	(1.005)	187526	10.0000	9.5
	49 Trichloroethene	95	12.021	12.021	(1.022)	794736	10.0000	8.6
	50 1,2-Dichloropropane	63	12.374	12.374	(1.052)	507868	10.0000	9.0
	51 Methyl methacrylate	69	12.422	12.422	(1.056)	398014	10.0000	9.4
	52 Dibromomethane	174	12.551	12.551	(1.067)	719140	10.0000	8.9
	53 1,4-Dioxane	88	12.497	12.497	(1.062)	205203	10.0000	9.8
	54 Bromodichloromethane	83	12.716	12.716	(1.081)	1204717	10.0000	9.2
	55 1,3-Dichloropropene (cis)	75	13.342	13.342	(1.134)	733444	10.0000	8.9
	56 Methyl isobutyl ketone	43	13.492	13.492	(1.147)	837589	10.0000	9.4
	57 n-Octane	43	13.776	13.776	(1.171)	964163	10.0000	8.9
	58 Toluene	92	13.770	13.770	(0.878)	1035699	10.0000	9.0
	59 1,3-Dichloropropene (trans)	75	14.113	14.113	(1.200)	685176	10.0000	9.0(H)
	60 1,1,2-Trichloroethane	83	14.380	14.380	(0.916)	526157	10.0000	9.2
	61 Tetrachloroethene	166	14.535	14.535	(0.926)	1009882	10.0000	8.6

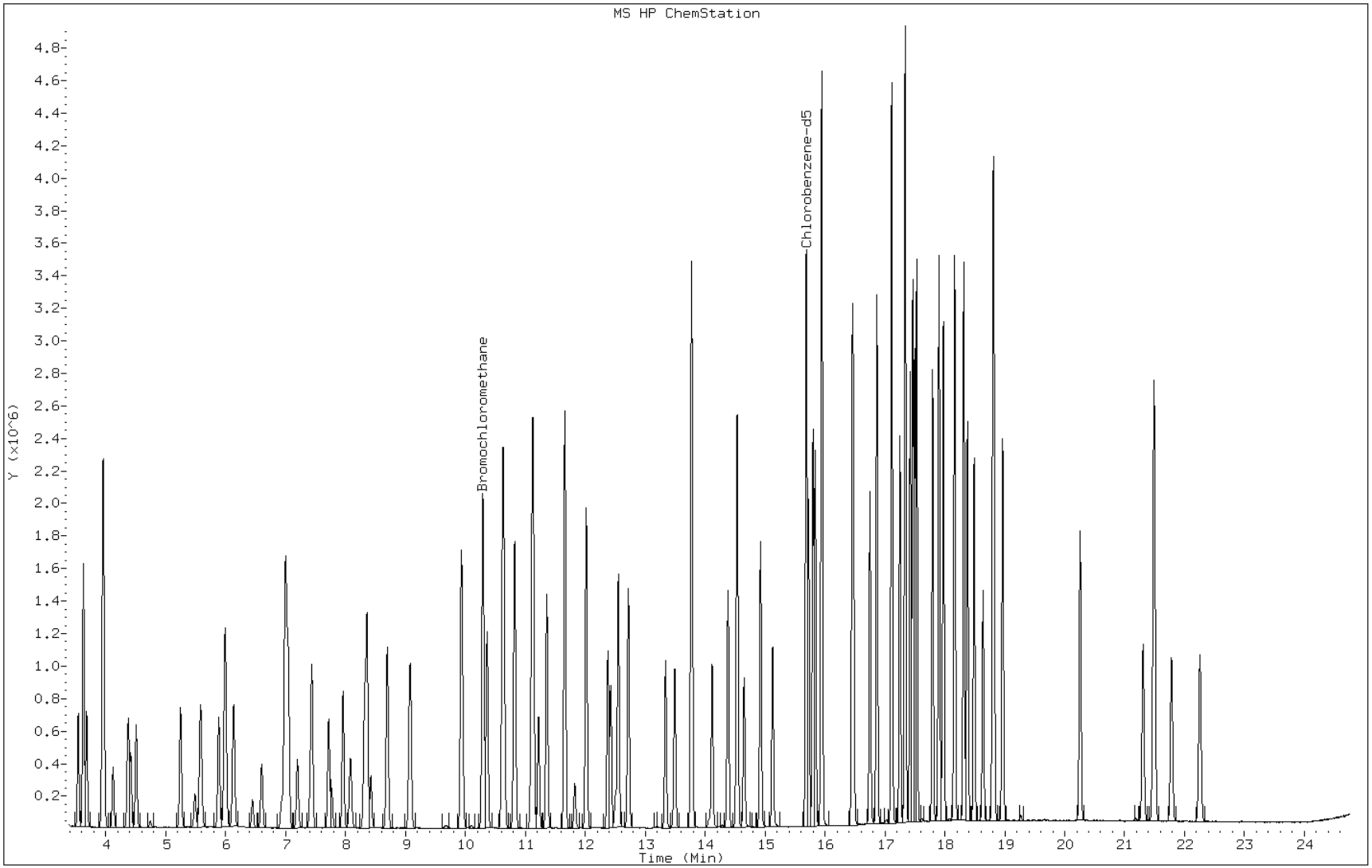
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.648	14.648	(0.934)	764085	10.0000	9.6
63	Dibromochloromethane	129	14.926	14.926	(0.951)	1209839	10.0000	9.4
64	1,2-Dibromoethane	107	15.129	15.129	(0.964)	940494	10.0000	9.1
* 65	Chlorobenzene-d5	117	15.691	15.691	(1.000)	2606494	10.0000	
66	Chlorobenzene	112	15.728	15.728	(1.002)	1370739	10.0000	8.9
67	n-Nonane	57	15.841	15.841	(1.010)	866564	10.0000	9.1
68	Ethylbenzene	91	15.803	15.803	(1.007)	2136005	10.0000	9.3
69	Xylene (m,p)	106	15.948	15.948	(1.016)	1757494	20.0000	19
M 70	Xylenes, Total	106				2685075	10.0000	28
71	Xylene (o)	106	16.456	16.456	(1.049)	927581	10.0000	9.3
72	Styrene	104	16.477	16.477	(1.050)	1215653	10.0000	9.7
73	Bromoform	173	16.750	16.750	(1.067)	1074259	10.0000	9.8
74	Isopropylbenzene	105	16.868	16.868	(1.075)	2635024	10.0000	9.4
75	1,1,2,2-Tetrachloroethane	83	17.248	17.248	(1.099)	1338837	10.0000	9.4
76	n-Propylbenzene	91	17.339	17.339	(1.105)	2821708	10.0000	9.7(H)
77	1,2,3-Trichloropropane	75	17.333	17.333	(1.105)	891532	10.0000	9.5
78	n-Decane	57	17.424	17.424	(1.110)	1029554	10.0000	9.5
79	4-Ethyltoluene	105	17.467	17.467	(1.113)	2403025	10.0000	9.6(H)
80	2-Chlorotoluene	91	17.499	17.499	(1.115)	2227979	10.0000	9.4(H)
81	1,3,5-Trimethylbenzene	105	17.531	17.531	(1.117)	2102638	10.0000	9.3(H)
82	Alpha Methyl Styrene	118	17.799	17.799	(1.134)	986380	10.0000	10
83	tert-butylbenzene	119	17.906	17.906	(1.141)	2088921	10.0000	9.2(H)
84	1,2,4-Trimethylbenzene	105	17.975	17.975	(1.146)	2008084	10.0000	9.4(H)
85	sec-Butylbenzene	105	18.162	18.162	(1.157)	3010995	10.0000	9.3(H)
86	4-Isopropyltoluene	119	18.312	18.312	(1.167)	2463231	10.0000	9.4
87	1,3-Dichlorobenzene	146	18.376	18.376	(1.171)	1244921	10.0000	9.5
88	1,4-Dichlorobenzene	146	18.489	18.489	(1.178)	1153980	10.0000	9.6
89	Benzyl chloride	91	18.639	18.639	(1.188)	1254452	10.0000	10
90	Undecane	57	18.799	18.799	(1.198)	992275	10.0000	9.7
91	n-Butylbenzene	91	18.815	18.815	(1.199)	1983836	10.0000	9.8
92	1,2-Dichlorobenzene	146	18.965	18.965	(1.209)	1270813	10.0000	9.4
93	Dodecane	57	20.254	20.254	(1.291)	851898	10.0000	11
94	1,2,4-Trichlorobenzene	180	21.308	21.308	(1.358)	526632	10.0000	9.8
95	1,3-Hexachlorobutadiene	225	21.490	21.490	(1.370)	811925	10.0000	9.3
96	Naphthalene	128	21.784	21.784	(1.388)	1411827	10.0000	10
97	1,2,3-Trichlorobenzene	180	22.255	22.255	(1.418)	555737	10.0000	11

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: ggo007.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 325661
Lab Sample ID: icis 325661

Date: 15-MAY-2012 13:22
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo008.d
Lab Smp Id: ic 325655
Inj Date : 15-MAY-2012 14:13
Operator : wrd Inst ID: G.i
Smp Info : ic 325655
Misc Info : 200,1, level 5
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:19 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 14:13 Cal File: ggo008.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.542	3.542	(0.344)	595482	15.0000	14
2 Dichlorodifluoromethane	85	3.627	3.627	(0.353)	2674146	15.0000	15(H)
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	1333553	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.959	3.954	(0.385)	2782196	15.0000	14
5 Chloromethane	50	4.125	4.125	(0.401)	699870	15.0000	15
6 Butane	43	4.371	4.371	(0.425)	1132137	15.0000	14
7 Vinyl chloride	62	4.414	4.414	(0.429)	820329	15.0000	14
8 1,3-Butadiene	54	4.505	4.505	(0.438)	567431	15.0000	14
9 Bromomethane	94	5.248	5.248	(0.510)	984657	15.0000	14
10 Chloroethane	64	5.489	5.489	(0.534)	373951	15.0000	15
11 2-Methylbutane	43	5.585	5.585	(0.543)	751793	15.0000	14
12 Vinyl bromide	106	5.885	5.885	(0.572)	1013102	15.0000	14
13 Trichlorofluoromethane	101	5.997	5.992	(0.583)	2532968	15.0000	14
14 Pentane	43	6.136	6.136	(0.596)	1085155	15.0000	15

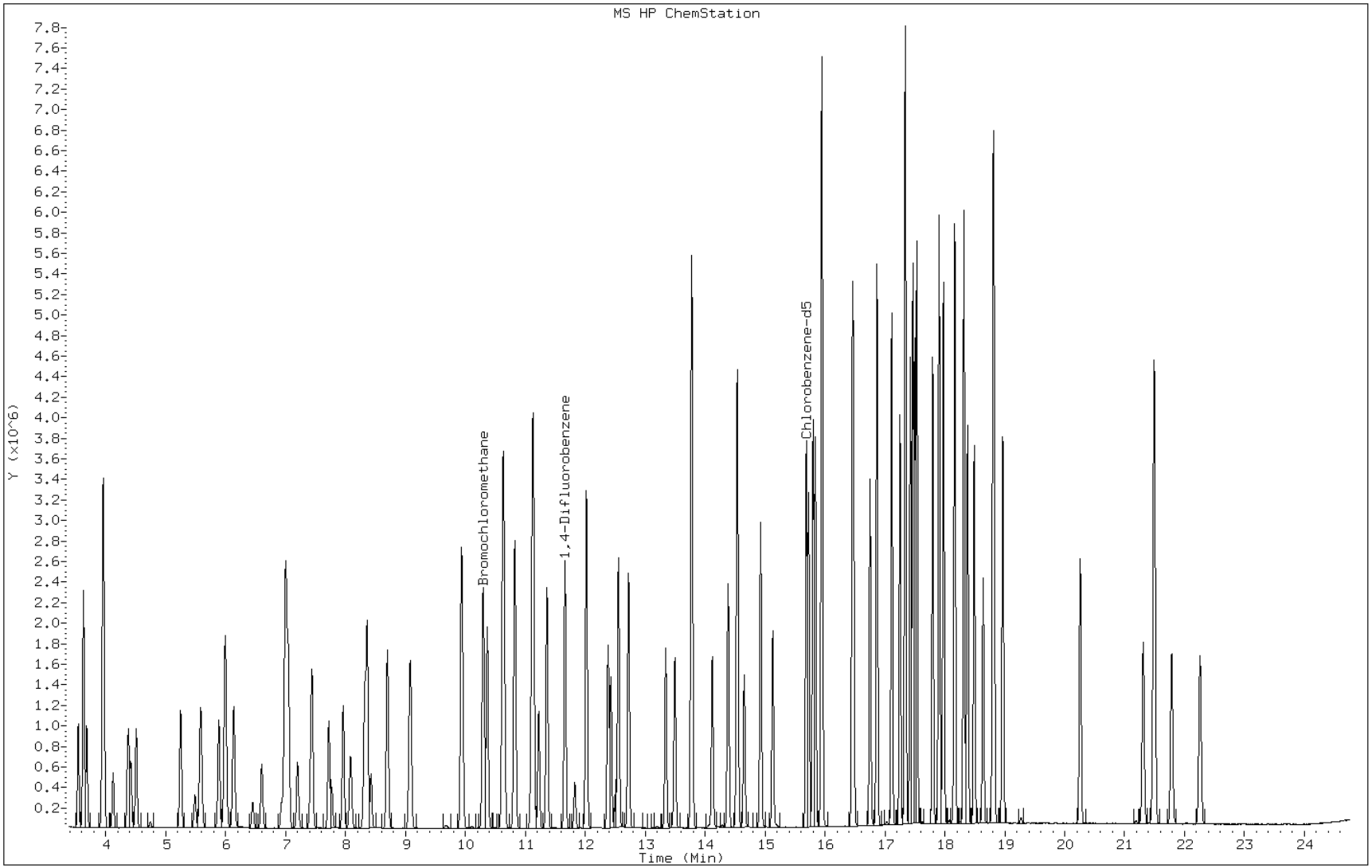
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.447	6.447	(0.627)	367450	20.0000	21
	16 Ethyl ether	59	6.602	6.602	(0.642)	496832	15.0000	15
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.998	6.998	(0.680)	1889194	15.0000	15
	18 Acrolein	56	6.928	6.928	(0.673)	247685	15.0000	15
	19 1,1-Dichloroethene	96	7.046	7.046	(0.685)	844845	15.0000	14
	20 Acetone	43	7.196	7.196	(0.699)	1043363	15.0000	15
	21 Carbon disulfide	76	7.442	7.442	(0.723)	2540671	15.0000	15
	22 Isopropanol	45	7.415	7.415	(0.721)	760625	15.0000	15
	23 Allyl chloride	41	7.725	7.720	(0.751)	894375	15.0000	14
	24 Acetonitrile	41	7.773	7.768	(0.756)	501756	15.0000	16
	25 Methylene chloride	49	7.961	7.961	(0.774)	828632	15.0000	14
	26 Tert-butyl alcohol	59	8.084	8.084	(0.786)	1199943	15.0000	16
	27 Methyl tert-butyl ether	73	8.319	8.319	(0.809)	2157659	15.0000	15
	28 1,2-Dichloroethene (trans)	61	8.362	8.356	(0.813)	1166895	15.0000	14
	29 Acrylonitrile	53	8.426	8.421	(0.819)	487619	15.0000	16
	30 n-Hexane	57	8.699	8.694	(0.846)	1129702	15.0000	15
	31 1,1-Dichloroethane	63	9.068	9.068	(0.881)	1476244	15.0000	15
	32 Vinyl acetate	43	9.089	9.089	(0.884)	1586215	15.0000	16
M	33 1,2-Dichloroethene,Total	61				2163477	30.0000	29
	34 1,2-Dichloroethene (cis)	96	9.935	9.935	(0.966)	996582	15.0000	15
	35 Ethyl acetate	88	9.961	9.956	(0.968)	56013	15.0000	16
	36 Methyl Ethyl Ketone	72	9.935	9.929	(0.966)	330248	15.0000	16
*	37 Bromochloromethane	128	10.288	10.288	(1.000)	685873	10.0000	
	38 Tetrahydrofuran	42	10.309	10.309	(0.884)	685968	15.0000	16
	39 Chloroform	83	10.363	10.363	(1.007)	1930961	15.0000	15
	40 Cyclohexane	84	10.641	10.641	(0.912)	1149778	15.0000	14
	41 1,1,1-Trichloroethane	97	10.625	10.619	(0.911)	2149508	15.0000	14
	42 Carbon tetrachloride	117	10.823	10.823	(0.928)	2410521	15.0000	15
	43 2,2,4-Trimethylpentane	57	11.117	11.117	(0.953)	3513210	15.0000	14
	44 Benzene	78	11.138	11.133	(0.955)	2510764	15.0000	14
	45 1,2-Dichloroethane	62	11.224	11.219	(0.962)	1140630	15.0000	15
	46 n-Heptane	43	11.363	11.358	(0.974)	1227756	15.0000	14
*	47 1,4-Difluorobenzene	114	11.663	11.663	(1.000)	2851485	10.0000	
	48 n-Butanol	56	11.828	11.828	(1.014)	300760	15.0000	15
	49 Trichloroethene	95	12.021	12.021	(1.031)	1316130	15.0000	14
	50 1,2-Dichloropropane	63	12.379	12.374	(1.061)	840256	15.0000	15
	51 Methyl methacrylate	69	12.422	12.422	(1.065)	674569	15.0000	16
	52 Dibromomethane	174	12.556	12.551	(1.077)	1241249	15.0000	15
	53 1,4-Dioxane	88	12.503	12.497	(1.072)	332425	15.0000	16
	54 Bromodichloromethane	83	12.722	12.716	(1.091)	1998083	15.0000	15
	55 1,3-Dichloropropene (cis)	75	13.342	13.342	(1.144)	1252199	15.0000	15
	56 Methyl isobutyl ketone	43	13.498	13.492	(1.157)	1401622	15.0000	16
	57 n-Octane	43	13.781	13.776	(1.182)	1546662	15.0000	14
	58 Toluene	92	13.776	13.770	(0.878)	1712601	15.0000	14
	59 1,3-Dichloropropene (trans)	75	14.118	14.113	(1.211)	1154884	15.0000	15
	60 1,1,2-Trichloroethane	83	14.380	14.380	(0.916)	851109	15.0000	14
	61 Tetrachloroethene	166	14.535	14.535	(0.926)	1776785	15.0000	14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.653	14.648	(0.934)	1220808	15.0000	15
63	Dibromochloromethane	129	14.926	14.926	(0.951)	2044695	15.0000	15
64	1,2-Dibromoethane	107	15.129	15.129	(0.964)	1590713	15.0000	15
* 65	Chlorobenzene-d5	117	15.691	15.691	(1.000)	2741029	10.0000	
66	Chlorobenzene	112	15.728	15.728	(1.002)	2246926	15.0000	14
67	n-Nonane	57	15.841	15.841	(1.010)	1433142	15.0000	14
68	Ethylbenzene	91	15.803	15.803	(1.007)	3502810	15.0000	14
69	Xylene (m,p)	106	15.953	15.948	(1.017)	2942018	30.0000	30
M 70	Xylenes, Total	106				4487207	15.0000	44
71	Xylene (o)	106	16.456	16.456	(1.049)	1545189	15.0000	15
72	Styrene	104	16.477	16.477	(1.050)	1992100	15.0000	15
73	Bromoform	173	16.750	16.750	(1.067)	1781830	15.0000	15
74	Isopropylbenzene	105	16.868	16.868	(1.075)	4414737	15.0000	15
75	1,1,2,2-Tetrachloroethane	83	17.253	17.248	(1.100)	2197794	15.0000	15
76	n-Propylbenzene	91	17.344	17.339	(1.105)	4604204	15.0000	15
77	1,2,3-Trichloropropane	75	17.339	17.333	(1.105)	1433557	15.0000	15
78	n-Decane	57	17.424	17.424	(1.110)	1690532	15.0000	15
79	4-Ethyltoluene	105	17.467	17.467	(1.113)	3931042	15.0000	15
80	2-Chlorotoluene	91	17.499	17.499	(1.115)	3611953	15.0000	14
81	1,3,5-Trimethylbenzene	105	17.537	17.531	(1.118)	3569510	15.0000	15
82	Alpha Methyl Styrene	118	17.799	17.799	(1.134)	1646059	15.0000	16
83	tert-butylbenzene	119	17.906	17.906	(1.141)	3546705	15.0000	15
84	1,2,4-Trimethylbenzene	105	17.975	17.975	(1.146)	3377000	15.0000	15
85	sec-Butylbenzene	105	18.163	18.162	(1.157)	5063479	15.0000	15
86	4-Isopropyltoluene	119	18.318	18.312	(1.167)	4188007	15.0000	15
87	1,3-Dichlorobenzene	146	18.377	18.376	(1.171)	1993605	15.0000	14
88	1,4-Dichlorobenzene	146	18.489	18.489	(1.178)	1885568	15.0000	15
89	Benzyl chloride	91	18.639	18.639	(1.188)	2118489	15.0000	16
90	Undecane	57	18.799	18.799	(1.198)	1647915	15.0000	15
91	n-Butylbenzene	91	18.821	18.815	(1.199)	3325858	15.0000	16
92	1,2-Dichlorobenzene	146	18.965	18.965	(1.209)	2052349	15.0000	14
93	Dodecane	57	20.260	20.254	(1.291)	1246596	15.0000	15
94	1,2,4-Trichlorobenzene	180	21.314	21.308	(1.358)	880962	15.0000	16
95	1,3-Hexachlorobutadiene	225	21.495	21.490	(1.370)	1390008	15.0000	15
96	Naphthalene	128	21.790	21.784	(1.389)	2330720	15.0000	16
97	1,2,3-Trichlorobenzene	180	22.255	22.255	(1.418)	900136	15.0000	17

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File:	ggo008.d	Date:	15-MAY-2012 14:13
Client ID:		Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 325655		
Lab Sample ID:	ic 325655		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo009.d
Lab Smp Id: ic 325658
Inj Date : 15-MAY-2012 15:03
Operator : wrd Inst ID: G.i
Smp Info : ic 325658
Misc Info : 200,1, level 6
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:19 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 15:03 Cal File: ggo009.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.542	3.542	(0.344)	780067	20.0000	19
2 Dichlorodifluoromethane	85	3.627	3.627	(0.353)	3500789	20.0000	19
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	1735928	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.959	3.954	(0.385)	3615469	20.0000	19
5 Chloromethane	50	4.125	4.125	(0.401)	918016	20.0000	19
6 Butane	43	4.371	4.371	(0.425)	1484687	20.0000	19
7 Vinyl chloride	62	4.414	4.414	(0.429)	1085085	20.0000	18
8 1,3-Butadiene	54	4.505	4.505	(0.438)	749127	20.0000	19
9 Bromomethane	94	5.248	5.248	(0.510)	1295864	20.0000	19
10 Chloroethane	64	5.489	5.489	(0.534)	502320	20.0000	20
11 2-Methylbutane	43	5.585	5.585	(0.543)	1008366	20.0000	18
12 Vinyl bromide	106	5.885	5.885	(0.572)	1337615	20.0000	19
13 Trichlorofluoromethane	101	5.997	5.992	(0.583)	3324976	20.0000	19
14 Pentane	43	6.136	6.136	(0.596)	1460875	20.0000	20

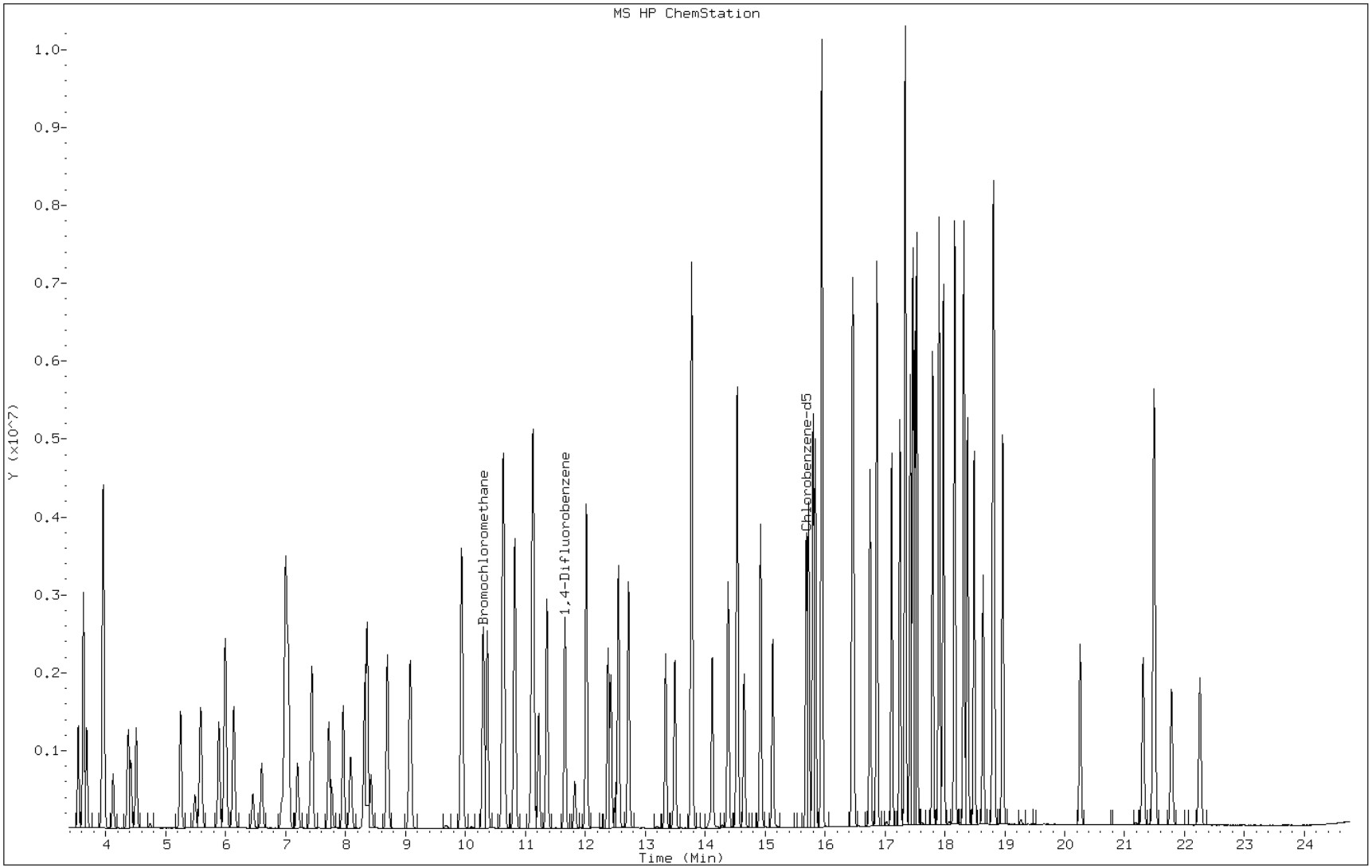
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.452	6.447	(0.627)	667155	40.0000	38
	16 Ethyl ether	59	6.602	6.602	(0.642)	661006	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.998	6.998	(0.680)	2508804	20.0000	19
	18 Acrolein	56	6.928	6.928	(0.673)	334795	20.0000	21
	19 1,1-Dichloroethene	96	7.046	7.046	(0.685)	1132704	20.0000	19
	20 Acetone	43	7.201	7.196	(0.700)	1360876	20.0000	19
	21 Carbon disulfide	76	7.442	7.442	(0.723)	3357338	20.0000	20
	22 Isopropanol	45	7.415	7.415	(0.721)	997829	20.0000	20
	23 Allyl chloride	41	7.725	7.720	(0.751)	1179672	20.0000	19
	24 Acetonitrile	41	7.773	7.768	(0.756)	658418	20.0000	21
	25 Methylene chloride	49	7.966	7.961	(0.774)	1092443	20.0000	19
	26 Tert-butyl alcohol	59	8.089	8.084	(0.786)	1581148	20.0000	20
	27 Methyl tert-butyl ether	73	8.319	8.319	(0.809)	2848436	20.0000	20
	28 1,2-Dichloroethene (trans)	61	8.362	8.356	(0.813)	1538470	20.0000	19
	29 Acrylonitrile	53	8.426	8.421	(0.819)	639182	20.0000	21
	30 n-Hexane	57	8.699	8.694	(0.846)	1461765	20.0000	19
	31 1,1-Dichloroethane	63	9.068	9.068	(0.881)	1927920	20.0000	19
	32 Vinyl acetate	43	9.089	9.089	(0.884)	2118237	20.0000	21
M	33 1,2-Dichloroethene,Total	61				2848590	40.0000	38
	34 1,2-Dichloroethene (cis)	96	9.935	9.935	(0.966)	1310120	20.0000	19
	35 Ethyl acetate	88	9.961	9.956	(0.968)	75948	20.0000	21(Q)
	36 Methyl Ethyl Ketone	72	9.929	9.929	(0.965)	439161	20.0000	21(Q)
*	37 Bromochloromethane	128	10.288	10.288	(1.000)	685192	10.0000	
	38 Tetrahydrofuran	42	10.309	10.309	(0.884)	906501	20.0000	20
	39 Chloroform	83	10.363	10.363	(1.007)	2517442	20.0000	19
	40 Cyclohexane	84	10.641	10.641	(0.912)	1517702	20.0000	18
	41 1,1,1-Trichloroethane	97	10.625	10.619	(0.911)	2834032	20.0000	18
	42 Carbon tetrachloride	117	10.823	10.823	(0.928)	3199258	20.0000	19
	43 2,2,4-Trimethylpentane	57	11.117	11.117	(0.953)	4518842	20.0000	18
	44 Benzene	78	11.133	11.133	(0.955)	3169226	20.0000	17
	45 1,2-Dichloroethane	62	11.224	11.219	(0.962)	1464133	20.0000	18
	46 n-Heptane	43	11.358	11.358	(0.974)	1539724	20.0000	17
*	47 1,4-Difluorobenzene	114	11.663	11.663	(1.000)	2977513	10.0000	
	48 n-Butanol	56	11.829	11.828	(1.014)	412256	20.0000	20
	49 Trichloroethene	95	12.021	12.021	(1.031)	1658072	20.0000	17
	50 1,2-Dichloropropane	63	12.380	12.374	(1.061)	1086186	20.0000	18
	51 Methyl methacrylate	69	12.428	12.422	(1.066)	906616	20.0000	21
	52 Dibromomethane	174	12.556	12.551	(1.077)	1596581	20.0000	19
	53 1,4-Dioxane	88	12.503	12.497	(1.072)	408554	20.0000	19
	54 Bromodichloromethane	83	12.722	12.716	(1.091)	2573727	20.0000	19
	55 1,3-Dichloropropene (cis)	75	13.342	13.342	(1.144)	1614295	20.0000	19
	56 Methyl isobutyl ketone	43	13.498	13.492	(1.157)	1844433	20.0000	20
	57 n-Octane	43	13.781	13.776	(1.182)	1986295	20.0000	18
	58 Toluene	92	13.776	13.770	(0.878)	2262166	20.0000	19
	59 1,3-Dichloropropene (trans)	75	14.118	14.113	(1.211)	1528868	20.0000	19
	60 1,1,2-Trichloroethane	83	14.380	14.380	(0.916)	1119708	20.0000	19
	61 Tetrachloroethene	166	14.535	14.535	(0.926)	2268730	20.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.648	14.648	(0.934)	1655748	20.0000	20
63	Dibromochloromethane	129	14.926	14.926	(0.951)	2732423	20.0000	20
64	1,2-Dibromoethane	107	15.129	15.129	(0.964)	2021278	20.0000	19
* 65	Chlorobenzene-d5	117	15.691	15.691	(1.000)	2726947	10.0000	
66	Chlorobenzene	112	15.728	15.728	(1.002)	2931568	20.0000	18
67	n-Nonane	57	15.841	15.841	(1.010)	1874705	20.0000	19
68	Ethylbenzene	91	15.803	15.803	(1.007)	4676739	20.0000	19
69	Xylene (m,p)	106	15.948	15.948	(1.016)	3976036	40.0000	40
M 70	Xylenes, Total	106				6042663	20.0000	60
71	Xylene (o)	106	16.456	16.456	(1.049)	2066627	20.0000	20
72	Styrene	104	16.477	16.477	(1.050)	2696602	20.0000	21
73	Bromoform	173	16.750	16.750	(1.067)	2438156	20.0000	21
74	Isopropylbenzene	105	16.868	16.868	(1.075)	5854763	20.0000	20
75	1,1,2,2-Tetrachloroethane	83	17.253	17.248	(1.100)	2922196	20.0000	20
76	n-Propylbenzene	91	17.344	17.339	(1.105)	6048280	20.0000	20
77	1,2,3-Trichloropropane	75	17.339	17.333	(1.105)	1889300	20.0000	19
78	n-Decane	57	17.424	17.424	(1.110)	2144745	20.0000	19
79	4-Ethyltoluene	105	17.467	17.467	(1.113)	5262447	20.0000	20
80	2-Chlorotoluene	91	17.499	17.499	(1.115)	4809159	20.0000	19
81	1,3,5-Trimethylbenzene	105	17.537	17.531	(1.118)	4760451	20.0000	20
82	Alpha Methyl Styrene	118	17.799	17.799	(1.134)	2190305	20.0000	22
83	tert-butylbenzene	119	17.906	17.906	(1.141)	4750939	20.0000	20
84	1,2,4-Trimethylbenzene	105	17.975	17.975	(1.146)	4408971	20.0000	20
85	sec-Butylbenzene	105	18.163	18.162	(1.157)	6711264	20.0000	20
86	4-Isopropyltoluene	119	18.318	18.312	(1.167)	5544546	20.0000	20
87	1,3-Dichlorobenzene	146	18.377	18.376	(1.171)	2656296	20.0000	19
88	1,4-Dichlorobenzene	146	18.489	18.489	(1.178)	2453579	20.0000	19
89	Benzyl chloride	91	18.639	18.639	(1.188)	2823586	20.0000	21
90	Undecane	57	18.799	18.799	(1.198)	1841759	20.0000	17
91	n-Butylbenzene	91	18.821	18.815	(1.199)	4306058	20.0000	20
92	1,2-Dichlorobenzene	146	18.965	18.965	(1.209)	2691540	20.0000	19
93	Dodecane	57	20.254	20.254	(1.291)	1124163	20.0000	13
94	1,2,4-Trichlorobenzene	180	21.314	21.308	(1.358)	1067194	20.0000	19
95	1,3-Hexachlorobutadiene	225	21.495	21.490	(1.370)	1775551	20.0000	19
96	Naphthalene	128	21.784	21.784	(1.388)	2431376	20.0000	17
97	1,2,3-Trichlorobenzene	180	22.255	22.255	(1.418)	1026298	20.0000	19

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	ggo009.d	Date:	15-MAY-2012 15:03
Client ID:		Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 325658		
Lab Sample ID:	ic 325658		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo010.d
Lab Smp Id: ic 325656
Inj Date : 15-MAY-2012 15:53
Operator : wrd Inst ID: G.i
Smp Info : ic 325656
Misc Info : 200,1, level 7
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:20 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 15:53 Cal File: ggo010.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.542	3.542	(0.344)	1521649	40.0000	37
2 Dichlorodifluoromethane	85	3.627	3.627	(0.352)	6775937	40.0000	38
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	3368068	40.0000	37
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.959	3.954	(0.385)	6988412	40.0000	36
5 Chloromethane	50	4.125	4.125	(0.401)	1798597	40.0000	38
6 Butane	43	4.376	4.371	(0.425)	2869578	40.0000	37
7 Vinyl chloride	62	4.419	4.414	(0.429)	2116026	40.0000	36
8 1,3-Butadiene	54	4.510	4.505	(0.438)	1462886	40.0000	38
9 Bromomethane	94	5.248	5.248	(0.510)	2543523	40.0000	37
10 Chloroethane	64	5.489	5.489	(0.533)	991923	40.0000	40
11 2-Methylbutane	43	5.585	5.585	(0.543)	1972652	40.0000	37
12 Vinyl bromide	106	5.890	5.885	(0.572)	2630294	40.0000	38
13 Trichlorofluoromethane	101	5.997	5.992	(0.583)	6525808	40.0000	38
14 Pentane	43	6.142	6.136	(0.597)	2850887	40.0000	39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.463	6.447	(0.628)	1606246	100.000	94
	16 Ethyl ether	59	6.607	6.602	(0.642)	1193332	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	7.003	6.998	(0.680)	4952081	40.0000	39
	18 Acrolein	56	6.934	6.928	(0.674)	618801	40.0000	39
	19 1,1-Dichloroethene	96	7.051	7.046	(0.685)	2265172	40.0000	39
	20 Acetone	43	7.201	7.196	(0.700)	2666479	40.0000	38
	21 Carbon disulfide	76	7.447	7.442	(0.724)	6609636	40.0000	40
	22 Isopropanol	45	7.426	7.415	(0.721)	1710713	40.0000	35
	23 Allyl chloride	41	7.725	7.720	(0.751)	2304486	40.0000	37
	24 Acetonitrile	41	7.779	7.768	(0.756)	1056670	40.0000	34(Q)
	25 Methylene chloride	49	7.966	7.961	(0.774)	2112108	40.0000	37
	26 Tert-butyl alcohol	59	8.094	8.084	(0.786)	2762918	40.0000	36
	27 Methyl tert-butyl ether	73	8.325	8.319	(0.809)	5160276	40.0000	37
	28 1,2-Dichloroethene (trans)	61	8.367	8.356	(0.813)	3000163	40.0000	38
	29 Acrylonitrile	53	8.432	8.421	(0.819)	1175885	40.0000	39
	30 n-Hexane	57	8.699	8.694	(0.845)	2837800	40.0000	37
	31 1,1-Dichloroethane	63	9.073	9.068	(0.882)	3690258	40.0000	38
	32 Vinyl acetate	43	9.095	9.089	(0.884)	3792952	40.0000	38
M	33 1,2-Dichloroethene,Total	61				5534162	80.0000	76
	34 1,2-Dichloroethene (cis)	96	9.940	9.935	(0.966)	2533999	40.0000	38
	35 Ethyl acetate	88	9.962	9.956	(0.968)	135781	40.0000	39
	36 Methyl Ethyl Ketone	72	9.935	9.929	(0.965)	776808	40.0000	37(Q)
*	37 Bromochloromethane	128	10.293	10.288	(1.000)	673199	10.0000	
	38 Tetrahydrofuran	42	10.309	10.309	(0.884)	1629786	40.0000	41(A)
	39 Chloroform	83	10.368	10.363	(1.007)	4872044	40.0000	38
	40 Cyclohexane	84	10.646	10.641	(0.912)	2914362	40.0000	40(A)
	41 1,1,1-Trichloroethane	97	10.625	10.619	(0.911)	5469441	40.0000	41(A)
	42 Carbon tetrachloride	117	10.828	10.823	(0.928)	6376654	40.0000	43(A)
	43 2,2,4-Trimethylpentane	57	11.117	11.117	(0.953)	8404789	40.0000	38
	44 Benzene	78	11.138	11.133	(0.955)	6015220	40.0000	38
	45 1,2-Dichloroethane	62	11.224	11.219	(0.962)	2842025	40.0000	41(A)
	46 n-Heptane	43	11.363	11.358	(0.974)	2930024	40.0000	38
*	47 1,4-Difluorobenzene	114	11.668	11.663	(1.000)	2578428	10.0000	
	48 n-Butanol	56	11.834	11.828	(1.014)	742782	40.0000	42(A)
	49 Trichloroethene	95	12.021	12.021	(1.030)	3245580	40.0000	39
	50 1,2-Dichloropropane	63	12.380	12.374	(1.061)	2028310	40.0000	40
	51 Methyl methacrylate	69	12.428	12.422	(1.065)	1696635	40.0000	45(A)
	52 Dibromomethane	174	12.556	12.551	(1.076)	3262322	40.0000	45(A)
	53 1,4-Dioxane	88	12.508	12.497	(1.072)	751836	40.0000	40
	54 Bromodichloromethane	83	12.722	12.716	(1.090)	4976074	40.0000	42(A)
	55 1,3-Dichloropropene (cis)	75	13.343	13.342	(1.143)	3114280	40.0000	42(A)
	56 Methyl isobutyl ketone	43	13.498	13.492	(1.157)	3305860	40.0000	41(A)
	57 n-Octane	43	13.781	13.776	(1.181)	3566557	40.0000	37
	58 Toluene	92	13.776	13.770	(0.878)	4230044	40.0000	44(A)
	59 1,3-Dichloropropene (trans)	75	14.118	14.113	(1.210)	2924987	40.0000	43(A)
	60 1,1,2-Trichloroethane	83	14.386	14.380	(0.917)	2118532	40.0000	44(A)
	61 Tetrachloroethene	166	14.536	14.535	(0.926)	4670905	40.0000	47(A)

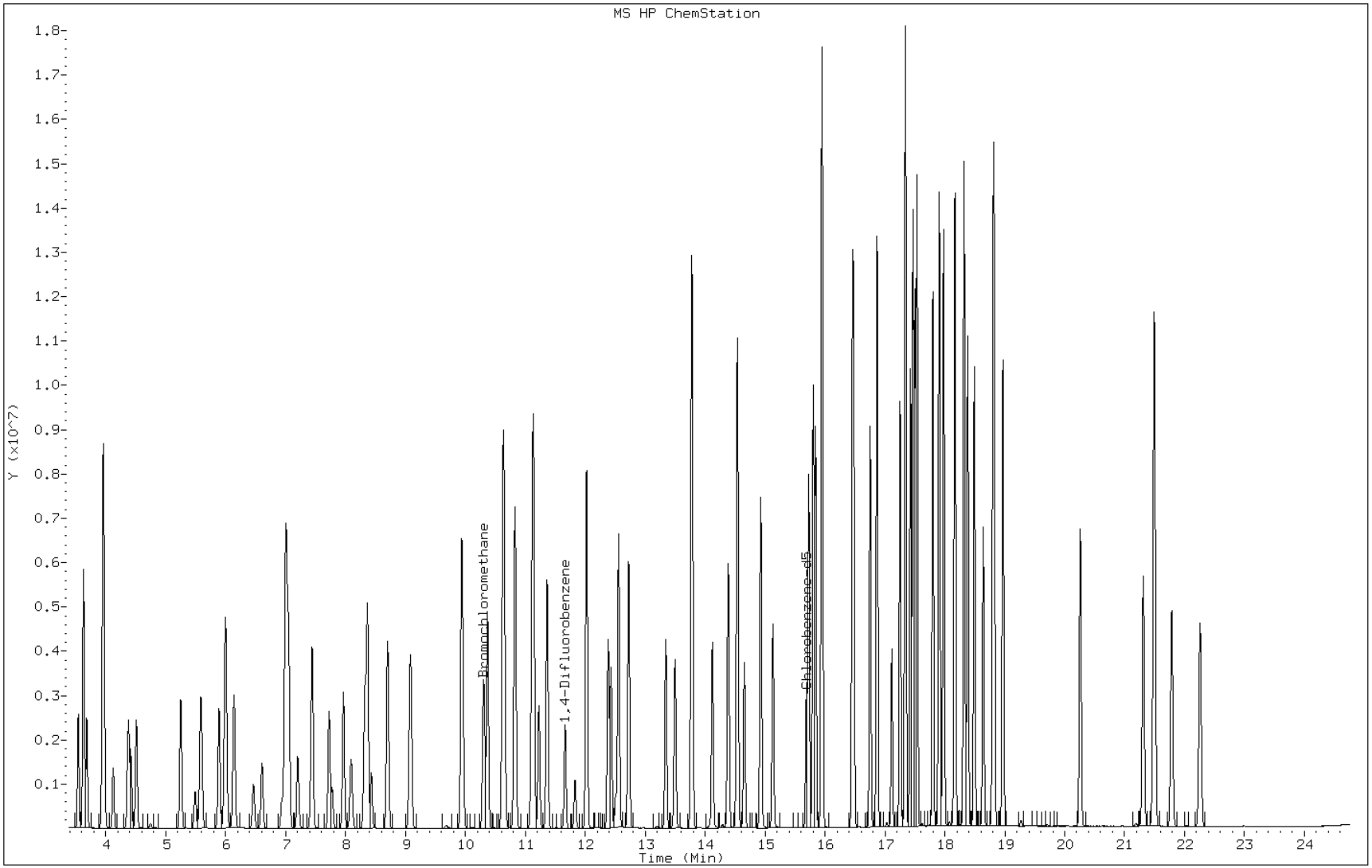
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.653	14.648	(0.934)	3099036	40.0000	46(A)
63	Dibromochloromethane	129	14.926	14.926	(0.951)	5390797	40.0000	50(A)
64	1,2-Dibromoethane	107	15.129	15.129	(0.964)	3877677	40.0000	45(A)
* 65	Chlorobenzene-d5	117	15.691	15.691	(1.000)	2189241	10.0000	
66	Chlorobenzene	112	15.729	15.728	(1.002)	5759052	40.0000	44(A)
67	n-Nonane	57	15.846	15.841	(1.010)	3502789	40.0000	44(A)
68	Ethylbenzene	91	15.809	15.803	(1.008)	8933446	40.0000	46(A)
69	Xylene (m,p)	106	15.953	15.948	(1.017)	7514337	80.0000	94(A)
M 70	Xylenes, Total	106				11491842	40.0000	140
71	Xylene (o)	106	16.456	16.456	(1.049)	3977505	40.0000	47(A)
72	Styrene	104	16.477	16.477	(1.050)	5483530	40.0000	52(A)
73	Bromoform	173	16.756	16.750	(1.068)	5120730	40.0000	56(A)
74	Isopropylbenzene	105	16.868	16.868	(1.075)	10990605	40.0000	47(A)
75	1,1,2,2-Tetrachloroethane	83	17.253	17.248	(1.100)	5349404	40.0000	45(A)
76	n-Propylbenzene	91	17.344	17.339	(1.105)	10989482	40.0000	45(A)
77	1,2,3-Trichloropropane	75	17.339	17.333	(1.105)	3341972	40.0000	43(A)
78	n-Decane	57	17.430	17.424	(1.111)	3988118	40.0000	44(A)
79	4-Ethyltoluene	105	17.473	17.467	(1.114)	10401788	40.0000	49(A)
80	2-Chlorotoluene	91	17.505	17.499	(1.116)	9461197	40.0000	47(A)
81	1,3,5-Trimethylbenzene	105	17.537	17.531	(1.118)	9377518	40.0000	49(A)
82	Alpha Methyl Styrene	118	17.804	17.799	(1.135)	4707827	40.0000	58(A)
83	tert-butylbenzene	119	17.911	17.906	(1.141)	9386396	40.0000	49(A)
84	1,2,4-Trimethylbenzene	105	17.975	17.975	(1.146)	8921384	40.0000	50(A)
85	sec-Butylbenzene	105	18.168	18.162	(1.158)	12954465	40.0000	48(A)
86	4-Isopropyltoluene	119	18.318	18.312	(1.167)	11099681	40.0000	51(A)
87	1,3-Dichlorobenzene	146	18.382	18.376	(1.171)	5890262	40.0000	53(A)
88	1,4-Dichlorobenzene	146	18.489	18.489	(1.178)	5447343	40.0000	54(A)
89	Benzyl chloride	91	18.639	18.639	(1.188)	6030423	40.0000	57(A)
90	Undecane	57	18.799	18.799	(1.198)	3687278	40.0000	43(A)
91	n-Butylbenzene	91	18.821	18.815	(1.199)	8250001	40.0000	49(A)
92	1,2-Dichlorobenzene	146	18.970	18.965	(1.209)	5811020	40.0000	51(A)
93	Dodecane	57	20.260	20.254	(1.291)	3238632	40.0000	48(A)
94	1,2,4-Trichlorobenzene	180	21.314	21.308	(1.358)	2845387	40.0000	63(A)
95	1,3-Hexachlorobutadiene	225	21.495	21.490	(1.370)	3798721	40.0000	52(A)
96	Naphthalene	128	21.790	21.784	(1.389)	6869622	40.0000	59(A)
97	1,2,3-Trichlorobenzene	180	22.255	22.255	(1.418)	2556385	40.0000	60(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: ggo010.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 325656
Lab Sample ID: ic 325656

Date: 15-MAY-2012 15:53
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab Sample ID: ICV 200-38736/12 Calibration Date: 05/15/2012 17:33

Instrument ID: G.i Calib Start Date: 05/15/2012 10:01

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/15/2012 15:53

Lab File ID: ggo012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 330909

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6036	0.6179		10.2	10.0	2.4	30.0
Dichlorodifluoromethane	Ave	2.665	2.871		10.8	10.0	7.7	30.0
Freon 22	Ave	1.340	1.414		10.5	10.0	5.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.844	2.974		10.5	10.0	4.6	30.0
Chloromethane	Ave	0.7006	0.7352		10.5	10.0	4.9	30.0
n-Butane	Ave	1.146	1.163		10.1	10.0	1.5	30.0
Vinyl chloride	Ave	0.8730	0.8855		10.1	10.0	1.4	30.0
1,3-Butadiene	Ave	0.5754	0.6022		10.5	10.0	4.7	30.0
Bromomethane	Ave	1.011	1.044		10.3	10.0	3.3	30.0
Chloroethane	Ave	0.3689	0.3837		10.4	10.0	4.0	30.0
Isopentane	Ave	0.8003	0.7717		9.64	10.0	-3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	1.026	1.087		10.6	10.0	5.9	30.0
Trichlorofluoromethane	Ave	2.580	2.614		10.1	10.0	1.3	30.0
n-Pentane	Ave	1.076	1.112		10.3	10.0	3.4	30.0
Ethanol	Ave	0.2530	0.3064		18.2	15.0	21.1	30.0
Ethyl ether	Ave	0.4731	0.5009		10.6	10.0	5.9	30.0
Acrolein	Ave	0.2357	0.2241		9.51	10.0	-4.9	30.0
Freon TF	Ave	1.892	2.206		11.7	10.0	16.6	30.0
1,1-Dichloroethene	Ave	0.8695	0.9809		11.3	10.0	12.8	30.0
Acetone	Ave	1.038	1.102		10.6	10.0	6.2	30.0
Isopropyl alcohol	Ave	0.7205	0.7375		10.2	10.0	2.4	30.0
Carbon disulfide	Ave	2.482	2.654		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.9168	0.9385		10.2	10.0	2.4	30.0
Acetonitrile	Ave	0.4598	0.4642		10.1	10.0	1.0	30.0
Methylene Chloride	Ave	0.8578	0.9125		10.6	10.0	6.4	30.0
tert-Butyl alcohol	Ave	1.126	1.214		10.8	10.0	7.8	30.0
Methyl tert-butyl ether	Ave	2.049	2.243		10.9	10.0	9.5	30.0
trans-1,2-Dichloroethene	Ave	1.180	1.220		10.3	10.0	3.5	30.0
Acrylonitrile	Ave	0.4512	0.4815		10.7	10.0	6.7	30.0
n-Hexane	Ave	1.129	1.148		10.2	10.0	1.6	30.0
1,1-Dichloroethane	Ave	1.460	1.489		10.2	10.0	2.0	30.0
Vinyl acetate	Ave	1.471	1.479		10.1	10.0	0.5	30.0
Methyl Ethyl Ketone	Ave	0.3077	0.3151		10.2	10.0	2.4	30.0
cis-1,2-Dichloroethene	Ave	0.9861	1.012		10.3	10.0	2.6	30.0
Ethyl acetate	Ave	0.0520	0.0521		10.0	10.0	0.2	30.0
Tetrahydrofuran	Ave	0.1541	0.1538		9.98	10.0	-0.2	30.0
Chloroform	Ave	1.896	1.881		9.92	10.0	-0.8	30.0
1,1,1-Trichloroethane	Ave	0.5209	0.4999		9.60	10.0	-4.0	30.0
Cyclohexane	Ave	0.2809	0.2717		9.67	10.0	-3.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab Sample ID: ICV 200-38736/12 Calibration Date: 05/15/2012 17:33

Instrument ID: G.i Calib Start Date: 05/15/2012 10:01

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/15/2012 15:53

Lab File ID: ggo012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 330909

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5692	0.5497		9.65	10.0	-3.4	30.0
2,2,4-Trimethylpentane	Ave	0.8582	0.8303		9.67	10.0	-3.2	30.0
Benzene	Ave	0.6087	0.5657		9.29	10.0	-7.1	30.0
1,2-Dichloroethane	Ave	0.2690	0.2556		9.50	10.0	-5.0	30.0
n-Heptane	Ave	0.3007	0.2775		9.22	10.0	-7.7	30.0
n-Butanol	Ave	0.0689	0.0605		8.77	10.0	-12.3	30.0
Trichloroethene	Ave	0.3204	0.2920		9.11	10.0	-8.9	30.0
1,2-Dichloropropane	Ave	0.1976	0.1826		9.24	10.0	-7.6	30.0
Methyl methacrylate	Ave	0.1470	0.1437		9.78	10.0	-2.2	30.0
1,4-Dioxane	Ave	0.0732	0.0618		8.43	10.0	-15.7	30.0
Dibromomethane	Ave	0.2814	0.2632		9.35	10.0	-6.5	30.0
Bromodichloromethane	Ave	0.4574	0.4479		9.79	10.0	-2.1	30.0
cis-1,3-Dichloropropene	Ave	0.2872	0.2601		9.05	10.0	-9.4	30.0
methyl isobutyl ketone	Ave	0.3094	0.3085		9.97	10.0	-0.3	30.0
Toluene	Ave	0.4430	0.4019		9.07	10.0	-9.3	30.0
n-Octane	Ave	0.3761	0.3487		9.27	10.0	-7.3	30.0
trans-1,3-Dichloropropene	Ave	0.2663	0.2417		9.08	10.0	-9.2	30.0
1,1,2-Trichloroethane	Ave	0.2185	0.1925		8.81	10.0	-11.9	30.0
Tetrachloroethene	Ave	0.4529	0.3887		8.58	10.0	-14.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3063	0.2910		9.50	10.0	-5.0	30.0
Dibromochloromethane	Ave	0.4940	0.4830		9.77	10.0	-2.2	30.0
1,2-Dibromoethane	Ave	0.3963	0.3510		8.85	10.0	-11.4	30.0
Chlorobenzene	Ave	0.5923	0.5135		8.67	10.0	-13.3	30.0
Ethylbenzene	Ave	0.8854	0.8142		9.19	10.0	-8.0	30.0
n-Nonane	Ave	0.3635	0.3370		9.27	10.0	-7.3	30.0
m,p-Xylene	Ave	0.3633	0.3315		18.2	20.0	-8.7	30.0
Xylene, o-	Ave	0.3829	0.3529		9.22	10.0	-7.8	30.0
Styrene	Ave	0.4802	0.4497		9.36	10.0	-6.4	30.0
Bromoform	Ave	0.4212	0.4121		9.78	10.0	-2.1	30.0
Cumene	Ave	1.076	1.029		9.56	10.0	-4.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5457	0.4967		9.10	10.0	-9.0	30.0
1,2,3-Trichloropropane	Ave	0.3586	0.3440		9.59	10.0	-4.1	30.0
n-Propylbenzene	Ave	1.117	1.086		9.72	10.0	-2.8	30.0
n-Decane	Ave	0.4152	0.3957		9.53	10.0	-4.7	30.0
4-Ethyltoluene	Ave	0.9640	0.9349		9.70	10.0	-3.0	30.0
2-Chlorotoluene	Ave	0.9137	0.8653		9.47	10.0	-5.3	30.0
1,3,5-Trimethylbenzene	Ave	0.8666	0.7957		9.18	10.0	-8.2	30.0
Alpha Methyl Styrene	Ave	0.3732	0.3693		9.89	10.0	-1.1	30.0
tert-Butylbenzene	Ave	0.8709	0.8155		9.36	10.0	-6.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab Sample ID: ICV 200-38736/12 Calibration Date: 05/15/2012 17:33

Instrument ID: G.i Calib Start Date: 05/15/2012 10:01

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/15/2012 15:53

Lab File ID: ggo012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 330909

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.8173	0.7468		9.14	10.0	-8.6	30.0
sec-Butylbenzene	Ave	1.239	1.168		9.42	10.0	-5.8	30.0
4-Isopropyltoluene	Ave	1.004	0.9545		9.51	10.0	-4.9	30.0
1,3-Dichlorobenzene	Ave	0.5033	0.4449		8.84	10.0	-11.6	30.0
1,4-Dichlorobenzene	Ave	0.4629	0.4121		8.90	10.0	-11.0	30.0
Benzyl chloride	Ave	0.4826	0.4427		9.17	10.0	-8.3	30.0
n-Undecane	Ave	0.3909	0.3747		9.58	10.0	-4.1	30.0
n-Butylbenzene	Ave	0.7732	0.7571		9.79	10.0	-2.1	30.0
1,2-Dichlorobenzene	Ave	0.5194	0.4503		8.67	10.0	-13.3	30.0
n-Dodecane	Ave	0.3100	0.2921		9.42	10.0	-5.8	30.0
1,2,4-Trichlorobenzene	Ave	0.2061	0.1670		8.10	10.0	-19.0	30.0
Hexachlorobutadiene	Ave	0.3356	0.2821		8.40	10.0	-16.0	30.0
Naphthalene	Ave	0.5302	0.4728		8.92	10.0	-10.8	30.0
1,2,3-Trichlorobenzene	Ave	0.1944	0.1798		9.25	10.0	-7.5	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo012.d
Lab Smp Id: icv 330909 Client Smp ID: icv 330909
Inj Date : 15-MAY-2012 17:33
Operator : wrd Inst ID: G.i
Smp Info : icv 330909
Misc Info : 200,1,icv
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/to15v5.m
Meth Date : 16-May-2012 10:20 wrd Quant Type: ISTD
Cal Date : 15-MAY-2012 15:53 Cal File: ggo010.d
Als bottle: 9 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

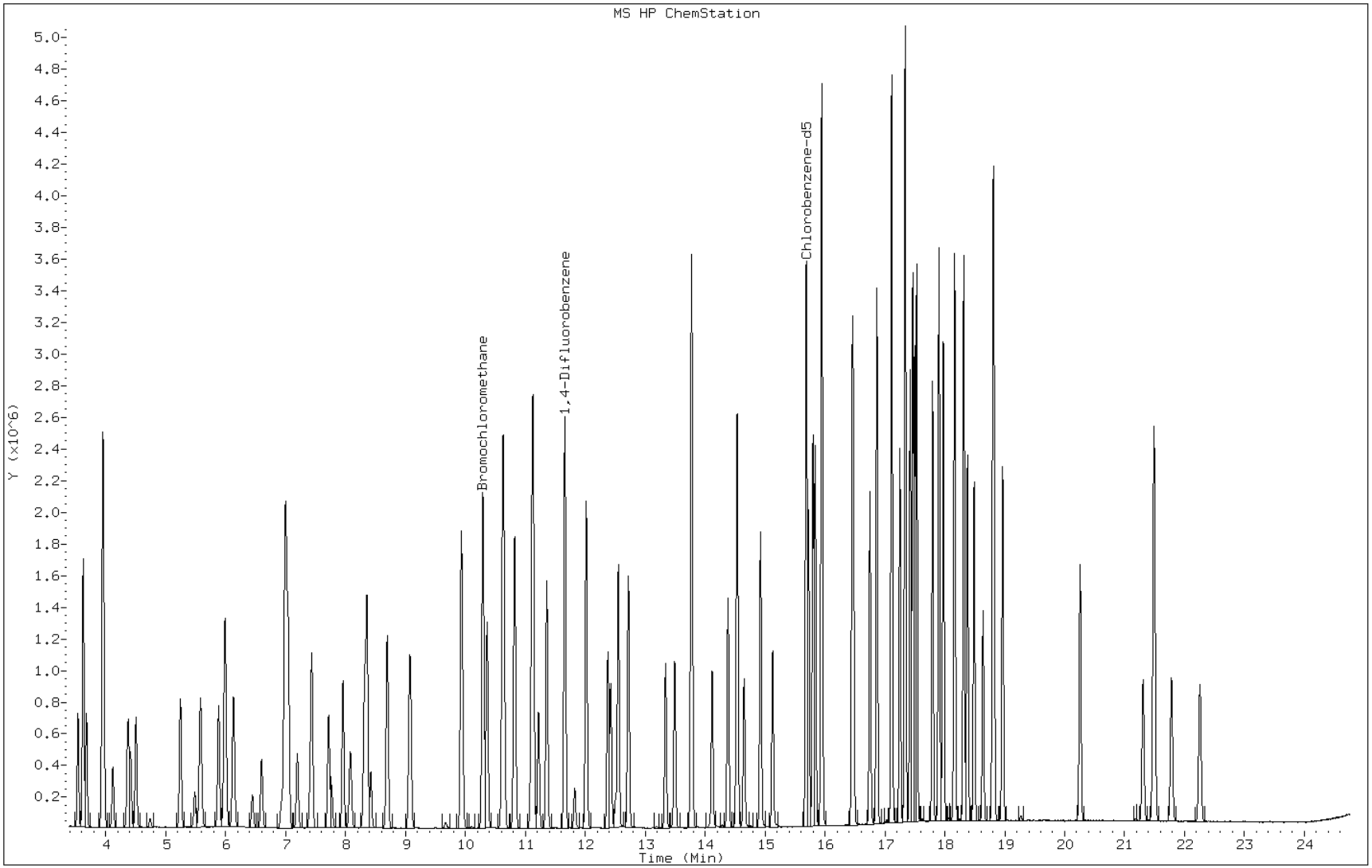
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	3.537	3.542	(0.344)	424280	10.2347	10
2 Dichlorodifluoromethane	85	3.622	3.627	(0.352)	1971240	10.7687	11
3 Chlorodifluoromethane	51	3.681	3.681	(0.358)	970587	10.5479	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.954	3.954	(0.384)	2042167	10.4551	10
5 Chloromethane	50	4.120	4.125	(0.400)	504837	10.4923	10
6 Butane	43	4.371	4.371	(0.425)	798394	10.1479	10
7 Vinyl chloride	62	4.414	4.414	(0.429)	608025	10.1416	10
8 1,3-Butadiene	54	4.505	4.505	(0.438)	413531	10.4636	10
9 Bromomethane	94	5.249	5.248	(0.510)	716650	10.3243	10
10 Chloroethane	64	5.484	5.489	(0.533)	263449	10.3975	10
11 2-Methylbutane	43	5.580	5.585	(0.542)	529860	9.64008	9.6
12 Vinyl bromide	106	5.885	5.885	(0.572)	746062	10.5924	11
13 Trichlorofluoromethane	101	5.992	5.992	(0.582)	1794700	10.1290	10
14 Pentane	43	6.131	6.136	(0.596)	763808	10.3399	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	6.447	6.447	(0.627)	315728	18.1681	18
	16 Ethyl ether	59	6.597	6.602	(0.641)	343913	10.5840	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.998	6.998	(0.680)	1514567	11.6572	12
	18 Acrolein	56	6.923	6.928	(0.673)	153882	9.50690	9.5
	19 1,1-Dichloroethene	96	7.041	7.046	(0.684)	673529	11.2787	11
	20 Acetone	43	7.196	7.196	(0.699)	756760	10.6131	11
	21 Carbon disulfide	76	7.437	7.442	(0.723)	1822456	10.6924	11
	22 Isopropanol	45	7.410	7.415	(0.720)	506426	10.2341	10
	23 Allyl chloride	41	7.720	7.720	(0.750)	644444	10.2350	10
	24 Acetonitrile	41	7.768	7.768	(0.755)	318729	10.0935	10
	25 Methylene chloride	49	7.961	7.961	(0.774)	626534	10.6347	11
	26 Tert-butyl alcohol	59	8.084	8.084	(0.786)	833333	10.7742	11
	27 Methyl tert-butyl ether	73	8.319	8.319	(0.809)	1540420	10.9449	11
	28 1,2-Dichloroethene (trans)	61	8.357	8.356	(0.812)	837973	10.3432	10
	29 Acrylonitrile	53	8.421	8.421	(0.819)	330648	10.6705	11
	30 n-Hexane	57	8.694	8.694	(0.845)	788094	10.1631	10
	31 1,1-Dichloroethane	63	9.068	9.068	(0.881)	1022350	10.1933	10
	32 Vinyl acetate	43	9.090	9.089	(0.884)	1015739	10.0518	10
M	33 1,2-Dichloroethene,Total	61				1532915	20.6046	21
	34 1,2-Dichloroethene (cis)	96	9.935	9.935	(0.966)	694942	10.2614	10
	35 Ethyl acetate	88	9.956	9.956	(0.968)	35782	10.0215	10
	36 Methyl Ethyl Ketone	72	9.930	9.929	(0.965)	216345	10.2363	10
*	37 Bromochloromethane	128	10.288	10.288	(1.000)	686785	10.0000	
	38 Tetrahydrofuran	42	10.309	10.309	(0.884)	445289	9.98257	10
	39 Chloroform	83	10.363	10.363	(1.007)	1291485	9.92073	9.9
	40 Cyclohexane	84	10.641	10.641	(0.912)	786505	9.66886	9.7
	41 1,1,1-Trichloroethane	97	10.620	10.619	(0.911)	1447097	9.59519	9.6
	42 Carbon tetrachloride	117	10.823	10.823	(0.928)	1591171	9.65440	9.7
	43 2,2,4-Trimethylpentane	57	11.112	11.117	(0.953)	2403667	9.67361	9.7
	44 Benzene	78	11.133	11.133	(0.955)	1637507	9.29075	9.3
	45 1,2-Dichloroethane	62	11.219	11.219	(0.962)	739976	9.50160	9.5
	46 n-Heptane	43	11.358	11.358	(0.974)	803261	9.22498	9.2
*	47 1,4-Difluorobenzene	114	11.663	11.663	(1.000)	2895367	10.0000	
	48 n-Butanol	56	11.823	11.828	(1.014)	175059	8.76917	8.8
	49 Trichloroethene	95	12.021	12.021	(1.031)	845191	9.11225	9.1
	50 1,2-Dichloropropane	63	12.374	12.374	(1.061)	528602	9.24085	9.2
	51 Methyl methacrylate	69	12.423	12.422	(1.065)	415973	9.77543	9.8
	52 Dibromomethane	174	12.551	12.551	(1.076)	761869	9.35238	9.4
	53 1,4-Dioxane	88	12.503	12.497	(1.072)	178813	8.43340	8.4
	54 Bromodichloromethane	83	12.722	12.716	(1.091)	1296445	9.78956	9.8
	55 1,3-Dichloropropene (cis)	75	13.343	13.342	(1.144)	752971	9.05442	9.1
	56 Methyl isobutyl ketone	43	13.492	13.492	(1.157)	893103	9.96920	10
	57 n-Octane	43	13.781	13.776	(1.182)	1009347	9.27024	9.3
	58 Toluene	92	13.771	13.770	(0.878)	1074280	9.06860	9.1
	59 1,3-Dichloropropene (trans)	75	14.118	14.113	(1.211)	699618	9.07525	9.1
	60 1,1,2-Trichloroethane	83	14.380	14.380	(0.916)	514674	8.80942	8.8
	61 Tetrachloroethene	166	14.536	14.535	(0.926)	1039116	8.58076	8.6

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ppb v/v)	(ppb v/v)
	62	2-Hexanone	43	14.648	14.648	(0.934)	777826	9.49718	9.5
	63	Dibromochloromethane	129	14.926	14.926	(0.951)	1291168	9.77421	9.8
	64	1,2-Dibromoethane	107	15.129	15.129	(0.964)	938340	8.85485	8.9
*	65	Chlorobenzene-d5	117	15.691	15.691	(1.000)	2673864	10.0000	
	66	Chlorobenzene	112	15.729	15.728	(1.002)	1372875	8.66832	8.7
	67	n-Nonane	57	15.841	15.841	(1.010)	900920	9.26891	9.3
	68	Ethylbenzene	91	15.804	15.803	(1.007)	2176633	9.19358	9.2
	69	Xylene (m,p)	106	15.948	15.948	(1.016)	1772645	18.2477	18
M	70	Xylenes, Total	106				2716124	27.4639	27
	71	Xylene (o)	106	16.456	16.456	(1.049)	943479	9.21620	9.2
	72	Styrene	104	16.472	16.477	(1.050)	1202184	9.36233	9.4
	73	Bromoform	173	16.750	16.750	(1.067)	1101777	9.78359	9.8
	74	Isopropylbenzene	105	16.868	16.868	(1.075)	2751446	9.56466	9.6
	75	1,1,2,2-Tetrachloroethane	83	17.248	17.248	(1.099)	1327808	9.10083	9.1
	76	n-Propylbenzene	91	17.339	17.339	(1.105)	2904042	9.72133	9.7
	77	1,2,3-Trichloropropane	75	17.334	17.333	(1.105)	919574	9.59150	9.6
	78	n-Decane	57	17.424	17.424	(1.110)	1057707	9.52770	9.5
	79	4-Ethyltoluene	105	17.467	17.467	(1.113)	2499216	9.69572	9.7
	80	2-Chlorotoluene	91	17.499	17.499	(1.115)	2313359	9.46868	9.5
	81	1,3,5-Trimethylbenzene	105	17.531	17.531	(1.117)	2127035	9.17942	9.2
	82	Alpha Methyl Styrene	118	17.799	17.799	(1.134)	987159	9.89186	9.9
	83	tert-butylbenzene	119	17.906	17.906	(1.141)	2180187	9.36250	9.4
	84	1,2,4-Trimethylbenzene	105	17.976	17.975	(1.146)	1996380	9.13584	9.1
	85	sec-Butylbenzene	105	18.163	18.162	(1.157)	3121544	9.42027	9.4
	86	4-Isopropyltoluene	119	18.313	18.312	(1.167)	2551724	9.50903	9.5
	87	1,3-Dichlorobenzene	146	18.377	18.376	(1.171)	1189259	8.83775	8.8
	88	1,4-Dichlorobenzene	146	18.489	18.489	(1.178)	1101754	8.90063	8.9
	89	Benzyl chloride	91	18.639	18.639	(1.188)	1183523	9.17151	9.2
	90	Undecane	57	18.799	18.799	(1.198)	1001730	9.58451	9.6
	91	n-Butylbenzene	91	18.815	18.815	(1.199)	2023957	9.79002	9.8
	92	1,2-Dichlorobenzene	146	18.965	18.965	(1.209)	1203889	8.66876	8.7
	93	Dodecane	57	20.254	20.254	(1.291)	780784	9.41869	9.4
	94	1,2,4-Trichlorobenzene	180	21.308	21.308	(1.358)	446341	8.09868	8.1
	95	1,3-Hexachlorobutadiene	225	21.496	21.490	(1.370)	754040	8.40188	8.4
	96	Naphthalene	128	21.785	21.784	(1.388)	1264054	8.91646	8.9
	97	1,2,3-Trichlorobenzene	180	22.255	22.255	(1.418)	480606	9.24602	9.2

Data File:	ggo012.d	Date:	15-MAY-2012 17:33
Client ID:	icv 330909	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icv 330909		
Lab Sample ID:	icv 330909		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab Sample ID: CCVIS 200-41805/2 Calibration Date: 07/12/2012 14:34

Instrument ID: G.i Calib Start Date: 05/15/2012 10:01

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/15/2012 15:53

Lab File ID: ggoal002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 354374

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6036	0.5261		8.71	10.0	-12.8	30.0
Dichlorodifluoromethane	Ave	2.665	2.825		10.6	10.0	6.0	30.0
Freon 22	Ave	1.340	1.266		9.44	10.0	-5.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.844	2.770		9.74	10.0	-2.6	30.0
Chloromethane	Ave	0.7006	0.5848		8.35	10.0	-16.5	30.0
n-Butane	Ave	1.146	0.9198		8.03	10.0	-19.7	30.0
Vinyl chloride	Ave	0.8730	0.7352		8.42	10.0	-15.8	30.0
1,3-Butadiene	Ave	0.5754	0.4765		8.28	10.0	-17.2	30.0
Bromomethane	Ave	1.011	0.9275		9.17	10.0	-8.2	30.0
Chloroethane	Ave	0.3689	0.3562		9.65	10.0	-3.5	30.0
Isopentane	Ave	0.8003	0.6812		8.51	10.0	-14.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.026	1.019		9.93	10.0	-0.6	30.0
Trichlorofluoromethane	Ave	2.580	2.689		10.4	10.0	4.2	30.0
n-Pentane	Ave	1.076	0.9946		9.25	10.0	-7.5	30.0
Ethanol	Ave	0.2530	0.1626		9.64	15.0	-35.8*	30.0
Ethyl ether	Ave	0.4731	0.4309		9.10	10.0	-8.9	30.0
Acrolein	Ave	0.2357	0.1875		7.95	10.0	-20.5	30.0
Freon TF	Ave	1.892	1.860		9.83	10.0	-1.7	30.0
1,1-Dichloroethene	Ave	0.8695	0.7994		9.19	10.0	-8.1	30.0
Acetone	Ave	1.038	0.9787		9.43	10.0	-5.7	30.0
Isopropyl alcohol	Ave	0.7205	0.6642		9.22	10.0	-7.8	30.0
Carbon disulfide	Ave	2.482	2.329		9.38	10.0	-6.2	30.0
3-Chloropropene	Ave	0.9168	0.7360		8.03	10.0	-19.7	30.0
Acetonitrile	Ave	0.4598	0.3669		7.98	10.0	-20.2	30.0
Methylene Chloride	Ave	0.8578	0.6898		8.04	10.0	-19.6	30.0
tert-Butyl alcohol	Ave	1.126	1.199		10.6	10.0	6.5	30.0
Methyl tert-butyl ether	Ave	2.049	2.141		10.4	10.0	4.5	30.0
trans-1,2-Dichloroethene	Ave	1.180	1.080		9.15	10.0	-8.4	30.0
Acrylonitrile	Ave	0.4512	0.3831		8.49	10.0	-15.1	30.0
n-Hexane	Ave	1.129	0.9526		8.44	10.0	-15.6	30.0
1,1-Dichloroethane	Ave	1.460	1.312		8.98	10.0	-10.1	30.0
Vinyl acetate	Ave	1.471	1.247		8.48	10.0	-15.2	30.0
Methyl Ethyl Ketone	Ave	0.3077	0.2899		9.42	10.0	-5.8	30.0
cis-1,2-Dichloroethene	Ave	0.9861	0.9022		9.15	10.0	-8.5	30.0
Ethyl acetate	Ave	0.0520	0.0511		9.82	10.0	-1.8	30.0
Tetrahydrofuran	Ave	0.1541	0.1256		8.15	10.0	-18.5	30.0
Chloroform	Ave	1.896	1.808		9.53	10.0	-4.6	30.0
1,1,1-Trichloroethane	Ave	0.5209	0.5044		9.68	10.0	-3.2	30.0
Cyclohexane	Ave	0.2809	0.2384		8.48	10.0	-15.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab Sample ID: CCVIS 200-41805/2 Calibration Date: 07/12/2012 14:34

Instrument ID: G.i Calib Start Date: 05/15/2012 10:01

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/15/2012 15:53

Lab File ID: ggoal002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 354374

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5692	0.5768		10.1	10.0	1.3	30.0
2,2,4-Trimethylpentane	Ave	0.8582	0.6950		8.10	10.0	-19.0	30.0
Benzene	Ave	0.6087	0.5052		8.30	10.0	-17.0	30.0
1,2-Dichloroethane	Ave	0.2690	0.2646		9.83	10.0	-1.6	30.0
n-Heptane	Ave	0.3007	0.2318		7.71	10.0	-22.9	30.0
n-Butanol	Ave	0.0689	0.0580		8.41	10.0	-15.9	30.0
Trichloroethene	Ave	0.3204	0.2759		8.61	10.0	-13.9	30.0
1,2-Dichloropropane	Ave	0.1976	0.1613		8.16	10.0	-18.4	30.0
Methyl methacrylate	Ave	0.1470	0.1311		8.92	10.0	-10.8	30.0
1,4-Dioxane	Ave	0.0732	0.0673		9.19	10.0	-8.1	30.0
Dibromomethane	Ave	0.2814	0.3057		10.9	10.0	8.7	30.0
Bromodichloromethane	Ave	0.4574	0.4363		9.54	10.0	-4.6	30.0
cis-1,3-Dichloropropene	Ave	0.2872	0.2571		8.95	10.0	-10.5	30.0
methyl isobutyl ketone	Ave	0.3094	0.2715		8.77	10.0	-12.3	30.0
Toluene	Ave	0.4430	0.3801		8.58	10.0	-14.2	30.0
n-Octane	Ave	0.3761	0.3051		8.11	10.0	-18.9	30.0
trans-1,3-Dichloropropene	Ave	0.2663	0.2546		9.56	10.0	-4.4	30.0
1,1,2-Trichloroethane	Ave	0.2185	0.1798		8.23	10.0	-17.7	30.0
Tetrachloroethene	Ave	0.4529	0.4276		9.44	10.0	-5.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3063	0.2465		8.05	10.0	-19.5	30.0
Dibromochloromethane	Ave	0.4940	0.4986		10.1	10.0	0.9	30.0
1,2-Dibromoethane	Ave	0.3963	0.3579		9.03	10.0	-9.7	30.0
Chlorobenzene	Ave	0.5923	0.5274		8.90	10.0	-11.0	30.0
Ethylbenzene	Ave	0.8854	0.8031		9.07	10.0	-9.3	30.0
n-Nonane	Ave	0.3635	0.2950		8.11	10.0	-18.9	30.0
m,p-Xylene	Ave	0.3633	0.3326		18.3	20.0	-8.5	30.0
Xylene, o-	Ave	0.3829	0.3640		9.51	10.0	-4.9	30.0
Styrene	Ave	0.4802	0.4611		9.60	10.0	-4.0	30.0
Bromoform	Ave	0.4212	0.4700		11.2	10.0	11.6	30.0
Cumene	Ave	1.076	1.029		9.56	10.0	-4.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5457	0.4580		8.39	10.0	-16.1	30.0
1,2,3-Trichloropropane	Ave	0.3586	0.3282		9.15	10.0	-8.5	30.0
n-Propylbenzene	Ave	1.117	1.048		9.38	10.0	-6.2	30.0
n-Decane	Ave	0.4152	0.3537		8.52	10.0	-14.8	30.0
4-Ethyltoluene	Ave	0.9640	0.9379		9.73	10.0	-2.7	30.0
2-Chlorotoluene	Ave	0.9137	0.8523		9.33	10.0	-6.7	30.0
1,3,5-Trimethylbenzene	Ave	0.8666	0.8747		10.1	10.0	0.9	30.0
Alpha Methyl Styrene	Ave	0.3732	0.3890		10.4	10.0	4.2	30.0
tert-Butylbenzene	Ave	0.8709	0.8883		10.2	10.0	2.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Lab Sample ID: CCVIS 200-41805/2 Calibration Date: 07/12/2012 14:34

Instrument ID: G.i Calib Start Date: 05/15/2012 10:01

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/15/2012 15:53

Lab File ID: ggoal002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 354374

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.8173	0.8091		9.90	10.0	-1.0	30.0
sec-Butylbenzene	Ave	1.239	1.189		9.59	10.0	-4.1	30.0
4-Isopropyltoluene	Ave	1.004	1.041		10.4	10.0	3.7	30.0
1,3-Dichlorobenzene	Ave	0.5033	0.5162		10.3	10.0	2.6	30.0
1,4-Dichlorobenzene	Ave	0.4629	0.4764		10.3	10.0	2.9	30.0
Benzyl chloride	Ave	0.4826	0.4085		8.46	10.0	-15.4	30.0
n-Undecane	Ave	0.3909	0.3154		8.07	10.0	-19.3	30.0
n-Butylbenzene	Ave	0.7732	0.7379		9.54	10.0	-4.6	30.0
1,2-Dichlorobenzene	Ave	0.5194	0.5334		10.3	10.0	2.7	30.0
n-Dodecane	Ave	0.3100	0.2250		7.26	10.0	-27.4	30.0
1,2,4-Trichlorobenzene	Ave	0.2061	0.2198		10.7	10.0	6.6	30.0
Hexachlorobutadiene	Ave	0.3356	0.3999		11.9	10.0	19.2	30.0
Naphthalene	Ave	0.5302	0.4895		9.23	10.0	-7.7	30.0
1,2,3-Trichlorobenzene	Ave	0.1944	0.2284		11.7	10.0	17.5	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoalt15.b/ggoal002.d
Lab Smp Id: ccvis 354374 Client Smp ID: ccvis 354374
Inj Date : 12-JUL-2012 14:34
Operator : AHK Inst ID: G.i
Smp Info : ccvis 354374
Misc Info : 200,1, ccvis
Comment :
Method : /chem/G.i/Gsvr.p/ggoalt15.b/to15v5.m
Meth Date : 13-Jul-2012 17:11 ahk Quant Type: ISTD
Cal Date : 15-MAY-2012 15:53 Cal File: ggo010.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	3.531	3.542	(0.345)	313005	10.0000	8.7
2	Dichlorodifluoromethane	85	3.617	3.627	(0.353)	1681089	10.0000	11
3	Chlorodifluoromethane	51	3.670	3.681	(0.358)	753027	10.0000	9.4
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.943	3.954	(0.385)	1648204	10.0000	9.7
5	Chloromethane	50	4.109	4.125	(0.401)	347968	10.0000	8.3
6	Butane	43	4.360	4.371	(0.426)	547278	10.0000	8.0
7	Vinyl chloride	62	4.398	4.414	(0.429)	437428	10.0000	8.4
8	1,3-Butadiene	54	4.484	4.505	(0.438)	283502	10.0000	8.3
9	Bromomethane	94	5.222	5.248	(0.510)	551847	10.0000	9.2
10	Chloroethane	64	5.463	5.489	(0.533)	211916	10.0000	9.7
11	2-Methylbutane	43	5.559	5.585	(0.543)	405279	10.0000	8.5
12	Vinyl bromide	106	5.858	5.885	(0.572)	606273	10.0000	9.9
13	Trichlorofluoromethane	101	5.965	5.992	(0.583)	1599747	10.0000	10
14	Pentane	43	6.110	6.136	(0.597)	591768	10.0000	9.2

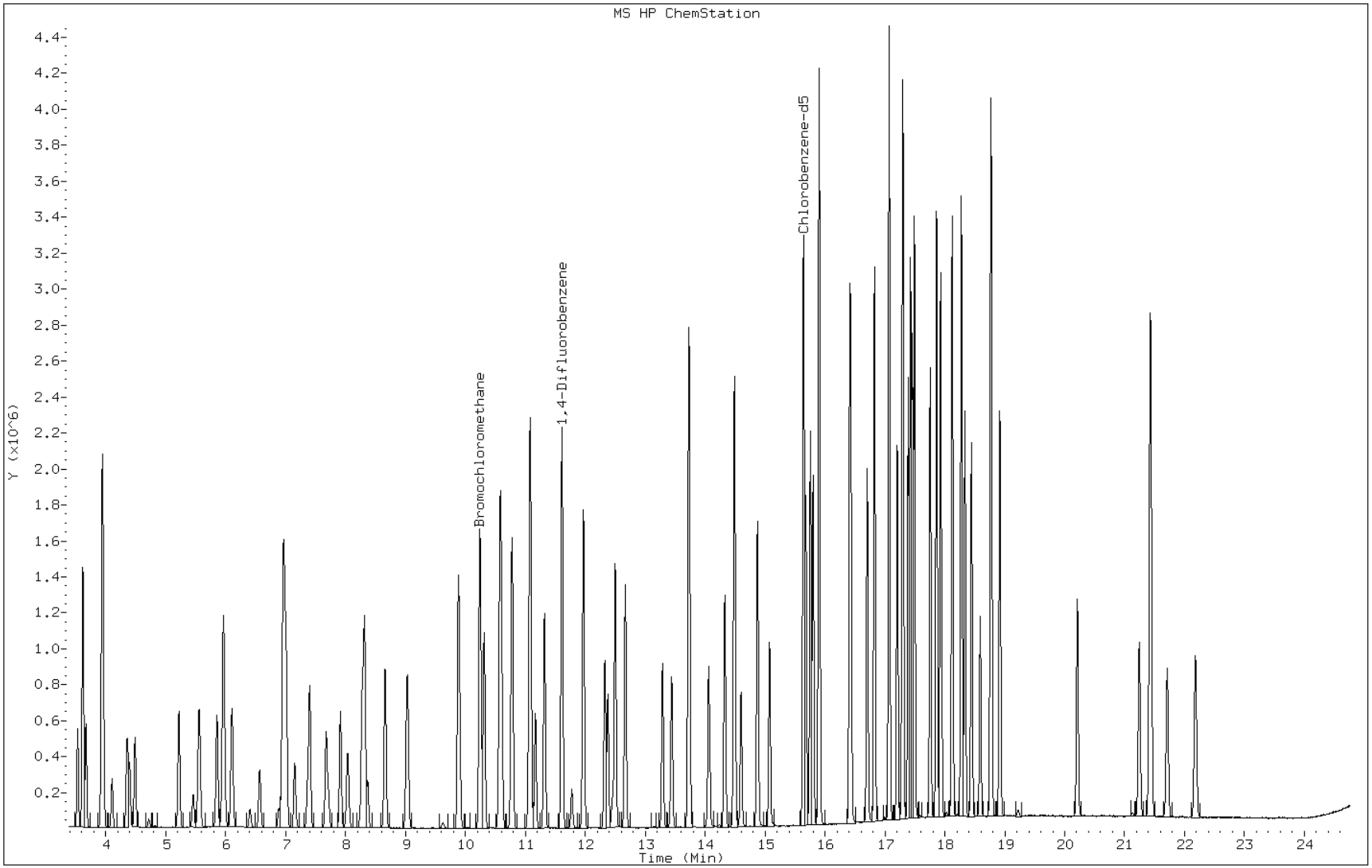
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	6.404	6.447	(0.625)	145158	15.0000	9.6
	16 Ethyl ether	59	6.565	6.602	(0.641)	256351	10.0000	9.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.966	6.998	(0.680)	1106899	10.0000	9.8
	18 Acrolein	56	6.886	6.928	(0.672)	111533	10.0000	8.0
	19 1,1-Dichloroethene	96	7.014	7.046	(0.685)	475623	10.0000	9.2
	20 Acetone	43	7.153	7.196	(0.699)	582331	10.0000	9.4
	21 Carbon disulfide	76	7.404	7.442	(0.723)	1385798	10.0000	9.4
	22 Isopropanol	45	7.372	7.415	(0.720)	395181	10.0000	9.2
	23 Allyl chloride	41	7.677	7.720	(0.750)	437934	10.0000	8.0(M)
	24 Acetonitrile	41	7.704	7.768	(0.752)	218283	10.0000	8.0(QM)
	25 Methylene chloride	49	7.918	7.961	(0.773)	410450	10.0000	8.0
	26 Tert-butyl alcohol	59	8.041	8.084	(0.785)	713683	10.0000	11
	27 Methyl tert-butyl ether	73	8.276	8.319	(0.808)	1273753	10.0000	10
	28 1,2-Dichloroethene (trans)	61	8.314	8.356	(0.812)	642664	10.0000	9.2
	29 Acrylonitrile	53	8.367	8.421	(0.817)	227921	10.0000	8.5
	30 n-Hexane	57	8.656	8.694	(0.845)	566798	10.0000	8.4
	31 1,1-Dichloroethane	63	9.020	9.068	(0.881)	780830	10.0000	9.0
	32 Vinyl acetate	43	9.041	9.089	(0.883)	742195	10.0000	8.5
M	33 1,2-Dichloroethene,Total	61				1179471	20.0000	18
	34 1,2-Dichloroethene (cis)	96	9.887	9.935	(0.966)	536807	10.0000	9.1
	35 Ethyl acetate	88	9.908	9.956	(0.968)	30372	10.0000	9.8(Q)
	36 Methyl Ethyl Ketone	72	9.881	9.929	(0.965)	172496	10.0000	9.4(Q)
*	37 Bromochloromethane	128	10.240	10.288	(1.000)	595105	10.0000	
	38 Tetrahydrofuran	42	10.261	10.309	(0.883)	310626	10.0000	8.2
	39 Chloroform	83	10.309	10.363	(1.007)	1075451	10.0000	9.5
	40 Cyclohexane	84	10.598	10.641	(0.912)	589439	10.0000	8.5
	41 1,1,1-Trichloroethane	97	10.571	10.619	(0.910)	1247159	10.0000	9.7
	42 Carbon tetrachloride	117	10.780	10.823	(0.928)	1426234	10.0000	10
	43 2,2,4-Trimethylpentane	57	11.074	11.117	(0.953)	1718298	10.0000	8.1
	44 Benzene	78	11.085	11.133	(0.954)	1249161	10.0000	8.3
	45 1,2-Dichloroethane	62	11.171	11.219	(0.962)	654153	10.0000	9.8
	46 n-Heptane	43	11.320	11.358	(0.975)	573050	10.0000	7.7
*	47 1,4-Difluorobenzene	114	11.615	11.663	(1.000)	2472993	10.0000	
	48 n-Butanol	56	11.780	11.828	(1.014)	143435	10.0000	8.4
	49 Trichloroethene	95	11.973	12.021	(1.031)	682238	10.0000	8.6
	50 1,2-Dichloropropane	63	12.326	12.374	(1.061)	398758	10.0000	8.2
	51 Methyl methacrylate	69	12.374	12.422	(1.065)	324075	10.0000	8.9
	52 Dibromomethane	174	12.497	12.551	(1.076)	755856	10.0000	11
	53 1,4-Dioxane	88	12.449	12.497	(1.072)	166389	10.0000	9.2
	54 Bromodichloromethane	83	12.669	12.716	(1.091)	1078862	10.0000	9.5
	55 1,3-Dichloropropene (cis)	75	13.289	13.342	(1.144)	635617	10.0000	8.9
	56 Methyl isobutyl ketone	43	13.444	13.492	(1.158)	671234	10.0000	8.8
	57 n-Octane	43	13.738	13.776	(1.183)	754304	10.0000	8.1
	58 Toluene	92	13.728	13.770	(0.878)	918192	10.0000	8.6
	59 1,3-Dichloropropene (trans)	75	14.059	14.113	(1.210)	629612	10.0000	9.6
	60 1,1,2-Trichloroethane	83	14.327	14.380	(0.916)	434442	10.0000	8.2
	61 Tetrachloroethene	166	14.487	14.535	(0.926)	1033010	10.0000	9.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.600	14.648	(0.933)	595578	10.0000	8.0
63	Dibromochloromethane	129	14.873	14.926	(0.951)	1204430	10.0000	10
64	1,2-Dibromoethane	107	15.076	15.129	(0.964)	864543	10.0000	9.0
* 65	Chlorobenzene-d5	117	15.643	15.691	(1.000)	2416284	10.0000	
66	Chlorobenzene	112	15.680	15.728	(1.002)	1274140	10.0000	8.9
67	n-Nonane	57	15.803	15.841	(1.010)	712549	10.0000	8.1
68	Ethylbenzene	91	15.761	15.803	(1.008)	1940035	10.0000	9.1
69	Xylene (m,p)	106	15.905	15.948	(1.017)	1606852	20.0000	18
M 70	Xylenes, Total	106				2486210	10.0000	28
71	Xylene (o)	106	16.413	16.456	(1.049)	879358	10.0000	9.5
72	Styrene	104	16.429	16.477	(1.050)	1113835	10.0000	9.6
73	Bromoform	173	16.708	16.750	(1.068)	1135313	10.0000	11
74	Isopropylbenzene	105	16.825	16.868	(1.076)	2485206	10.0000	9.6
75	1,1,2,2-Tetrachloroethane	83	17.205	17.248	(1.100)	1106432	10.0000	8.4
76	n-Propylbenzene	91	17.301	17.339	(1.106)	2531366	10.0000	9.4
77	1,2,3-Trichloropropane	75	17.291	17.333	(1.105)	792939	10.0000	9.2
78	n-Decane	57	17.392	17.424	(1.112)	854471	10.0000	8.5
79	4-Ethyltoluene	105	17.430	17.467	(1.114)	2265838	10.0000	9.7
80	2-Chlorotoluene	91	17.457	17.499	(1.116)	2059070	10.0000	9.3
81	1,3,5-Trimethylbenzene	105	17.494	17.531	(1.118)	2113180	10.0000	10
82	Alpha Methyl Styrene	118	17.761	17.799	(1.135)	939710	10.0000	10
83	tert-butylbenzene	119	17.868	17.906	(1.142)	2145949	10.0000	10
84	1,2,4-Trimethylbenzene	105	17.933	17.975	(1.146)	1954713	10.0000	9.9
85	sec-Butylbenzene	105	18.120	18.162	(1.158)	2872053	10.0000	9.6
86	4-Isopropyltoluene	119	18.275	18.312	(1.168)	2514896	10.0000	10
87	1,3-Dichlorobenzene	146	18.334	18.376	(1.172)	1247117	10.0000	10
88	1,4-Dichlorobenzene	146	18.441	18.489	(1.179)	1150825	10.0000	10
89	Benzyl chloride	91	18.591	18.639	(1.188)	986842	10.0000	8.5
90	Undecane	57	18.762	18.799	(1.199)	762033	10.0000	8.1
91	n-Butylbenzene	91	18.773	18.815	(1.200)	1782627	10.0000	9.5
92	1,2-Dichlorobenzene	146	18.917	18.965	(1.209)	1288463	10.0000	10
93	Dodecane	57	20.212	20.254	(1.292)	543513	10.0000	7.3
94	1,2,4-Trichlorobenzene	180	21.244	21.308	(1.358)	531049	10.0000	11
95	1,3-Hexachlorobutadiene	225	21.431	21.490	(1.370)	966144	10.0000	12
96	Naphthalene	128	21.715	21.784	(1.388)	1182570	10.0000	9.2
97	1,2,3-Trichlorobenzene	180	22.180	22.255	(1.418)	551669	10.0000	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	ggoal002.d	Date:	12-JUL-2012 14:34
Client ID:	ccvis 354374	Instrument:	G.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 354374		
Lab Sample ID:	ccvis 354374		



Manual Integration Report

Data File: ggoal002.d
Lab Sample ID: ccvis 354374
Inj. Date and Time: 12-JUL-2012 14:34
Instrument ID: G.i
Client ID: ccvis 354374
Compound: 24 Acetonitrile
CAS #: 75-05-8
Report Date: 07/13/2012

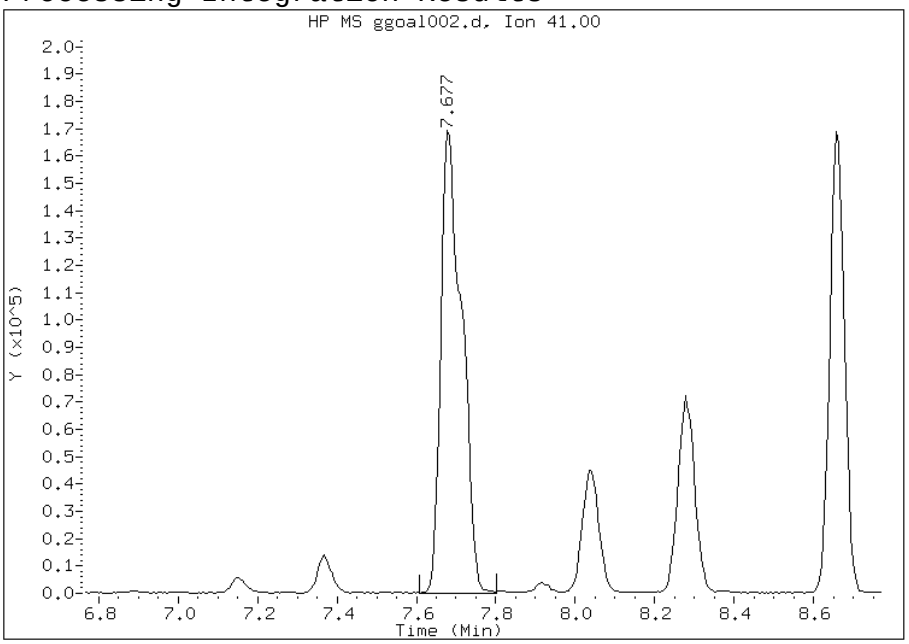
Processing Integration Results

RT: 7.68

Response: 621121

Amount: 22.70

Conc: 22.70



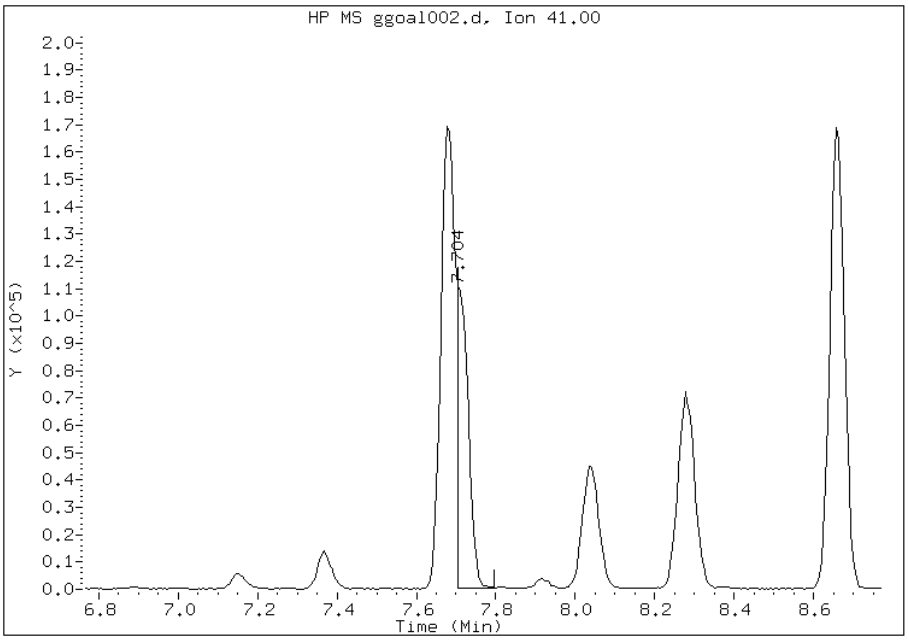
Manual Integration Results

RT: 7.70

Response: 218283

Amount: 7.98

Conc: 7.98



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

Manual Integration Report

Data File: ggoal002.d
Lab Sample ID: ccvis 354374
Inj. Date and Time: 12-JUL-2012 14:34
Instrument ID: G.i
Client ID: ccvis 354374
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 07/13/2012

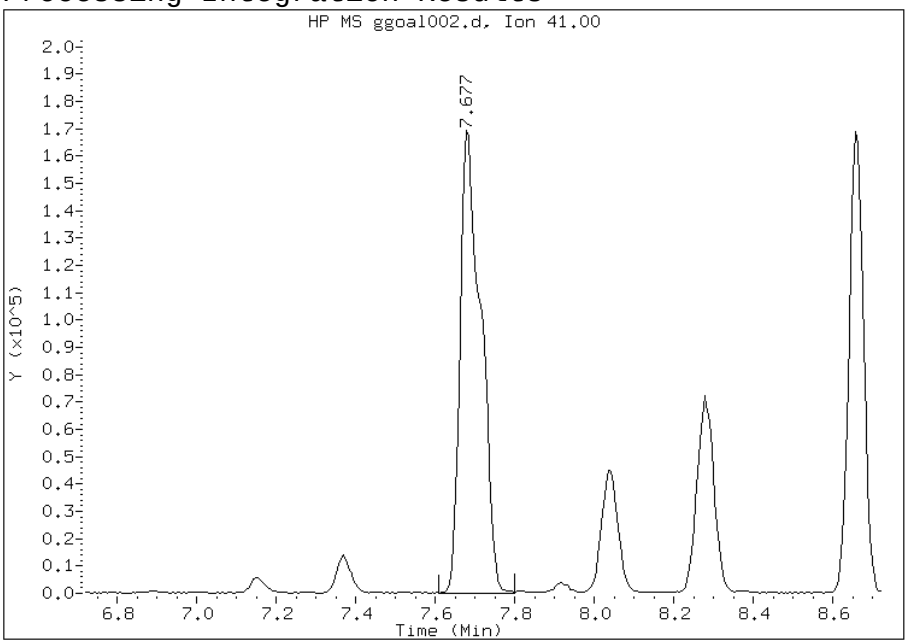
Processing Integration Results

RT: 7.68

Response: 621121

Amount: 11.38

Conc: 11.38



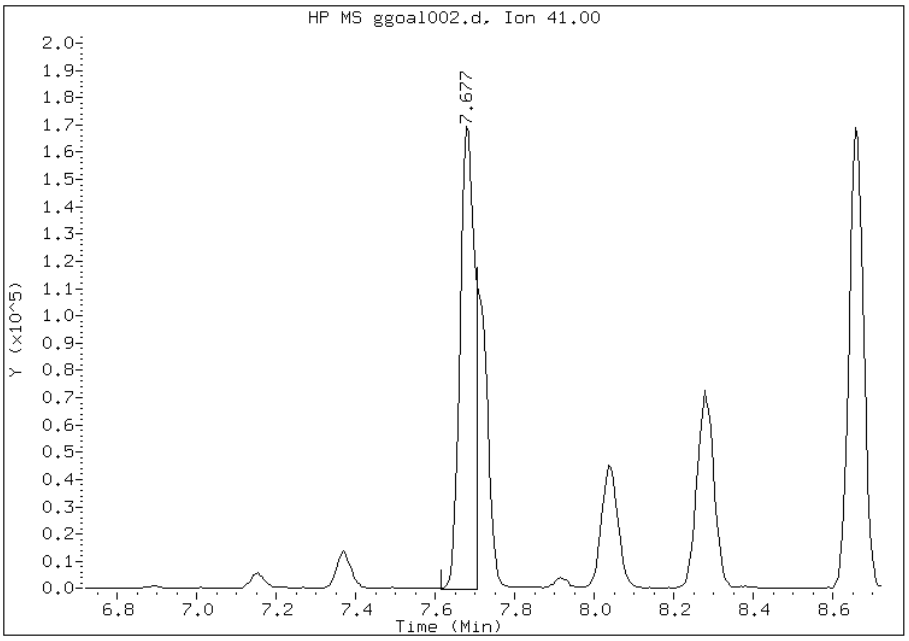
Manual Integration Results

RT: 7.68

Response: 437934

Amount: 8.03

Conc: 8.03



File Uploaded By: ahk
Manual Integration Reason: Poor chromatography

TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/ggoto15.b/ggo001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 15-MAY-2012 08:22
Operator : wrd Inst ID: G.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/G.i/Gsvr.p/ggoto15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:23 jd1 Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

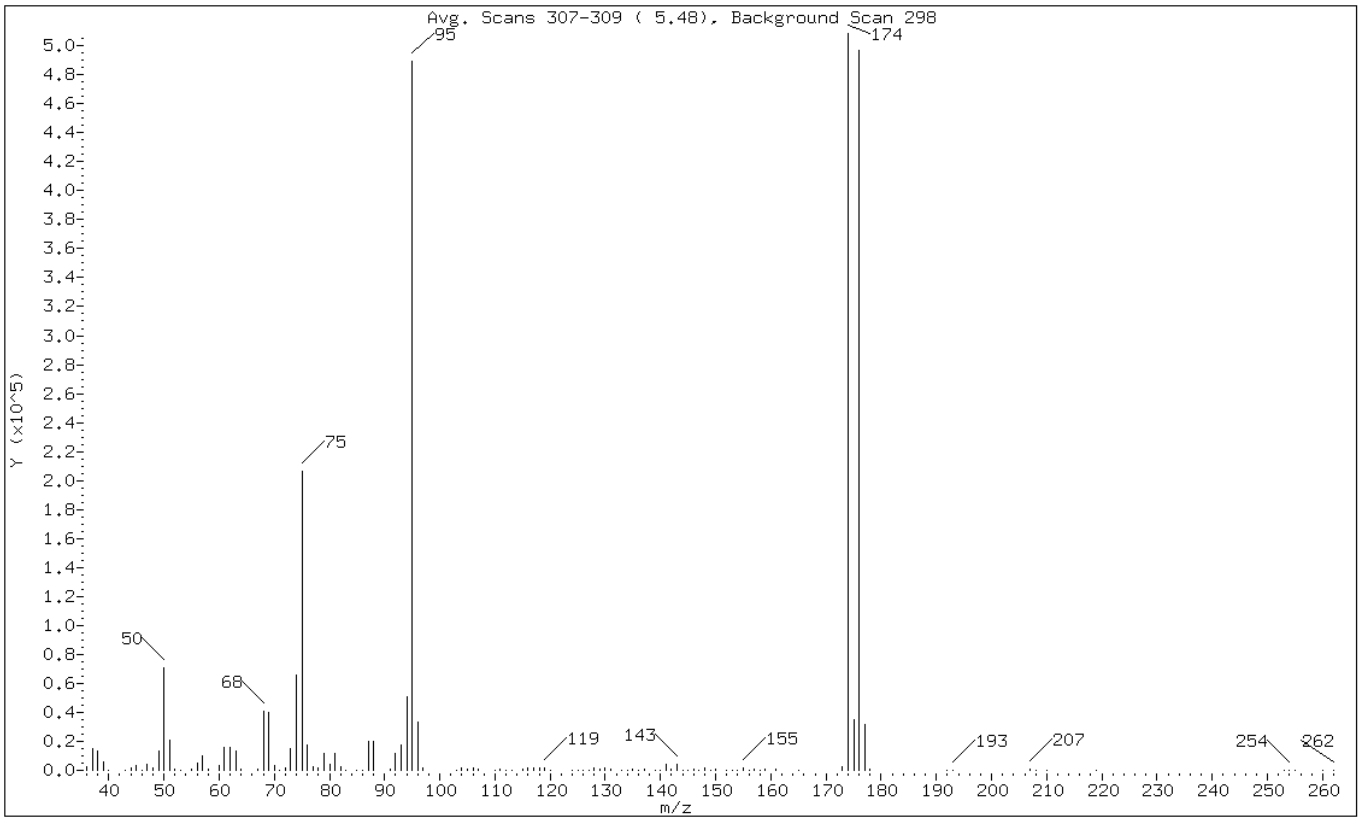
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.479	5.900	-0.421	95	489429			100.00- 100.00	96.25
5.479	5.900	-0.421	50	70580			8.00- 40.00	14.42
5.479	5.900	-0.421	75	206057			30.00- 66.00	42.10
5.479	5.900	-0.421	96	33231			5.00- 9.00	6.79
5.479	5.900	-0.421	173	2404			0.00- 2.00	0.47
5.479	5.900	-0.421	174	508480			50.00- 120.00	103.89
5.479	5.900	-0.421	175	35101			4.00- 9.00	6.90
5.479	5.900	-0.421	176	496468			93.00- 101.00	97.64
5.479	5.900	-0.421	177	31769			5.00- 9.00	6.40

Data File: ggo001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 15-MAY-2012 08:22
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.42
75	30.00 - 66.00% of mass 95	42.10
96	5.00 - 9.00% of mass 95	6.79
173	Less than 2.00% of mass 174	0.49 (0.47)
174	50.00 - 120.00% of mass 95	103.89
175	4.00 - 9.00% of mass 174	7.17 (6.90)
176	93.00 - 101.00% of mass 174	101.44 (97.64)
177	5.00 - 9.00% of mass 176	6.49 (6.40)

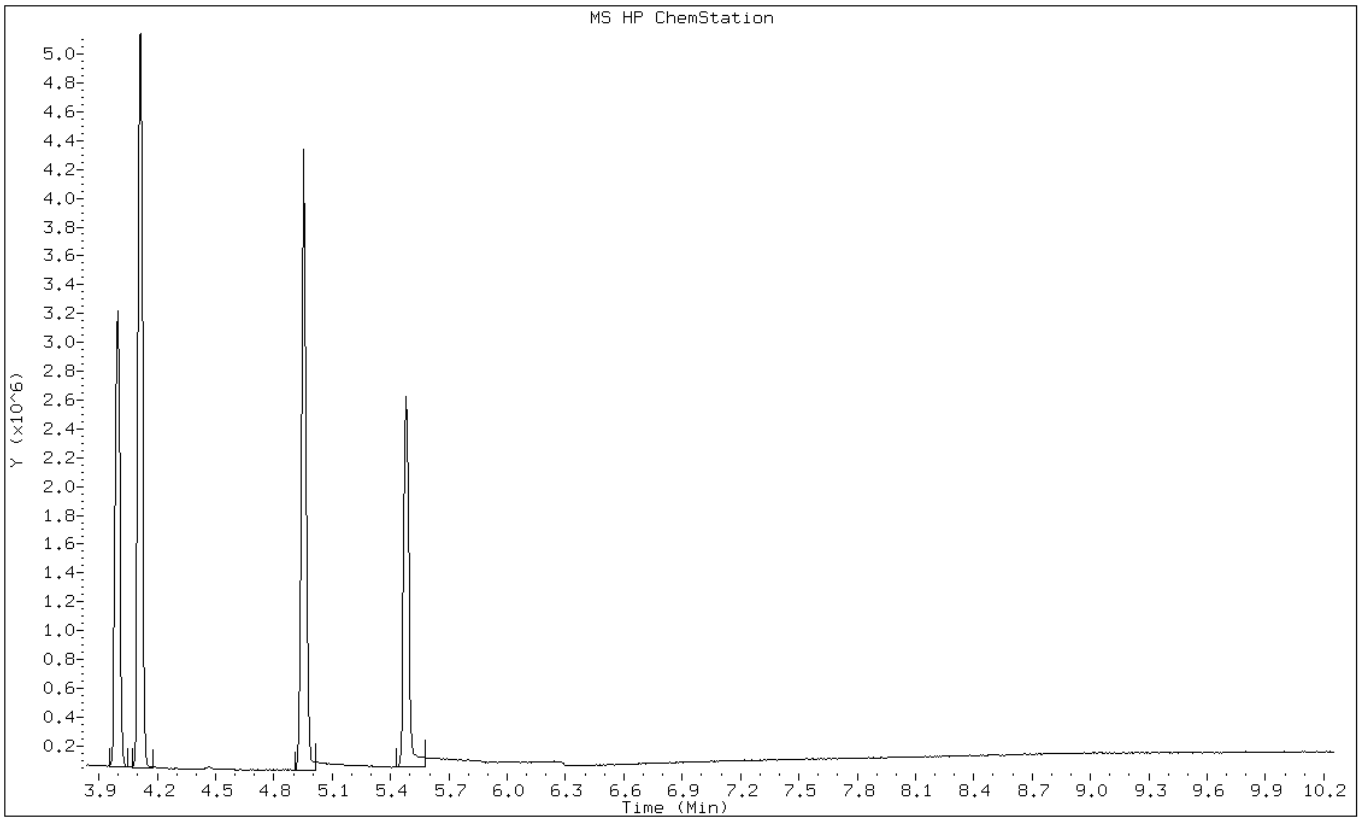
Data File: ggo001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 15-MAY-2012 08:22
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/ggoto15.b/ggo001.d
Spectrum: Avg. Scans 307-309 (5.48), Background Scan 298
Location of Maximum: 174.00
Number of points: 120

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2564	73.00	14747	115.00	818	152.00	167
37.00	15056	74.00	65560	116.00	1460	153.00	376
38.00	13588	75.00	206016	117.00	1790	154.00	361
39.00	5751	76.00	17440	118.00	1651	155.00	1296
40.00	175	77.00	2087	119.00	1922	156.00	148
43.00	376	78.00	1624	120.00	321	157.00	1003
44.00	1880	79.00	11829	124.00	289	158.00	169
45.00	2993	80.00	4080	125.00	334	159.00	563
46.00	170	81.00	12039	126.00	331	161.00	648
47.00	4104	82.00	2733	127.00	223	165.00	94
48.00	1830	83.00	332	128.00	1856	173.00	2404
49.00	13076	85.00	69	129.00	873	174.00	508480
50.00	70576	86.00	363	130.00	1832	175.00	35096
51.00	21080	87.00	19584	131.00	747	176.00	496448
52.00	744	88.00	19608	133.00	65	177.00	31768
53.00	66	91.00	1133	134.00	16	178.00	1153
55.00	734	92.00	11495	135.00	747	192.00	66
56.00	4934	93.00	17792	136.00	78	193.00	180
57.00	9979	94.00	50944	137.00	902	207.00	713
58.00	456	95.00	489408	139.00	121	208.00	42
60.00	2966	96.00	33224	140.00	306	210.00	103
61.00	15562	97.00	1264	141.00	4203	219.00	264
62.00	16130	103.00	134	142.00	488	253.00	111
63.00	13213	104.00	1882	143.00	4408	254.00	268
64.00	1190	105.00	861	144.00	153	255.00	75
67.00	764	106.00	2069	145.00	407	260.00	119
68.00	40432	107.00	435	146.00	750	262.00	77
69.00	40256	110.00	292	147.00	240		
70.00	3360	111.00	459	148.00	1251		
71.00	74	112.00	189	149.00	329		
72.00	1716	113.00	282	150.00	549		

Data File:	ggo001.d	Date:	15-MAY-2012 08:22
Client ID:	BFB	Instrument:	G.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/ggoalt15.b/ggoal001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-JUL-2012 13:43
Operator : AHK Inst ID: G.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/G.i/Gsvr.p/ggoalt15.b/bfbto15.m
Meth Date : 08-Aug-2011 11:23 jd1 Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

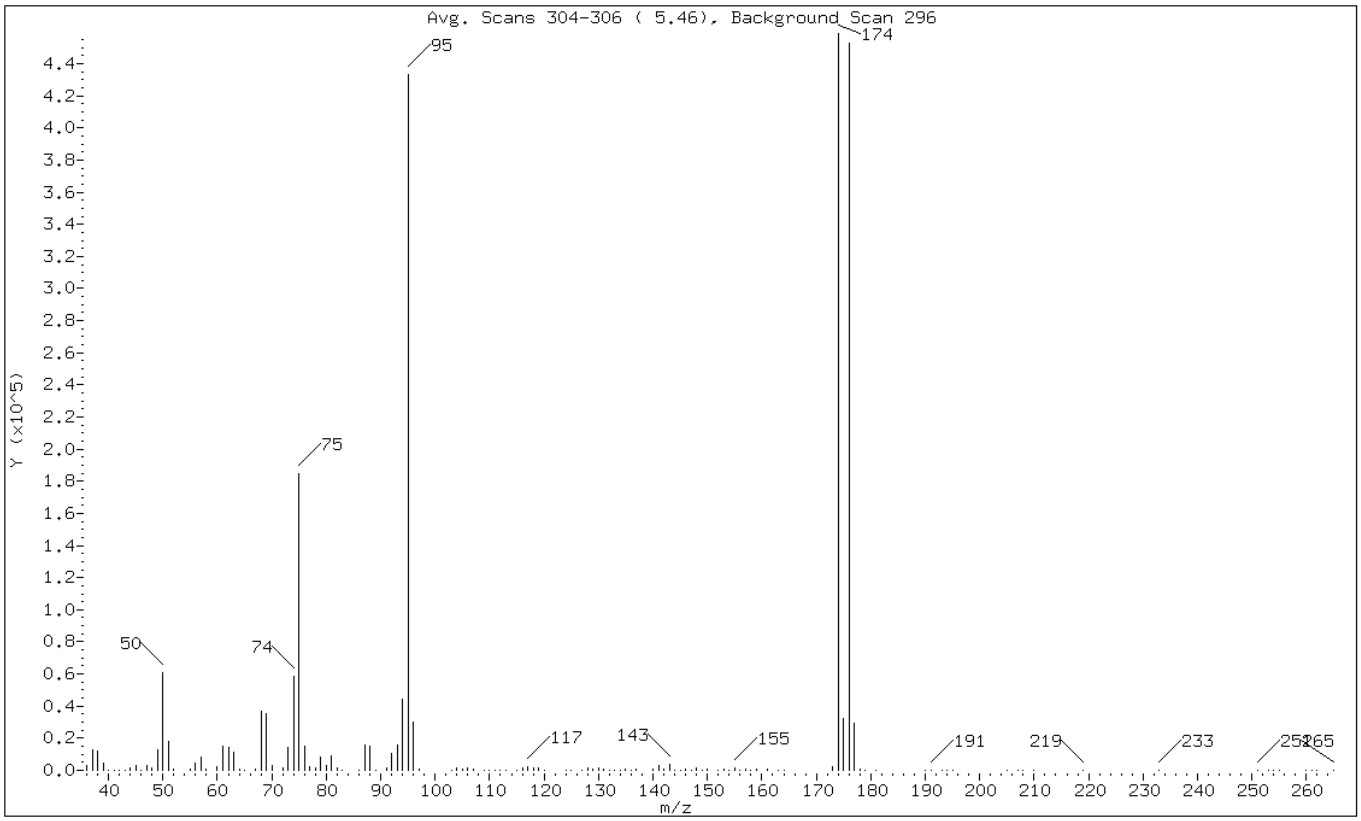
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.463	5.900	-0.437	95	433450			100.00- 100.00	94.47
5.463	5.900	-0.437	50	61197			8.00- 40.00	14.12
5.463	5.900	-0.437	75	184948			30.00- 66.00	42.67
5.463	5.900	-0.437	96	30164			5.00- 9.00	6.96
5.463	5.900	-0.437	173	2244			0.00- 2.00	0.49
5.463	5.900	-0.437	174	458837			50.00- 120.00	105.86
5.463	5.900	-0.437	175	32466			4.00- 9.00	7.08
5.463	5.900	-0.437	176	452565			93.00- 101.00	98.63
5.463	5.900	-0.437	177	29384			5.00- 9.00	6.49

Data File: ggoal001.d
Client ID: BFB
Operator: AHK
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 12-JUL-2012 13:43
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.12
75	30.00 - 66.00% of mass 95	42.67
96	5.00 - 9.00% of mass 95	6.96
173	Less than 2.00% of mass 174	0.52 (0.49)
174	50.00 - 120.00% of mass 95	105.86
175	4.00 - 9.00% of mass 174	7.49 (7.08)
176	93.00 - 101.00% of mass 174	104.41 (98.63)
177	5.00 - 9.00% of mass 176	6.78 (6.49)

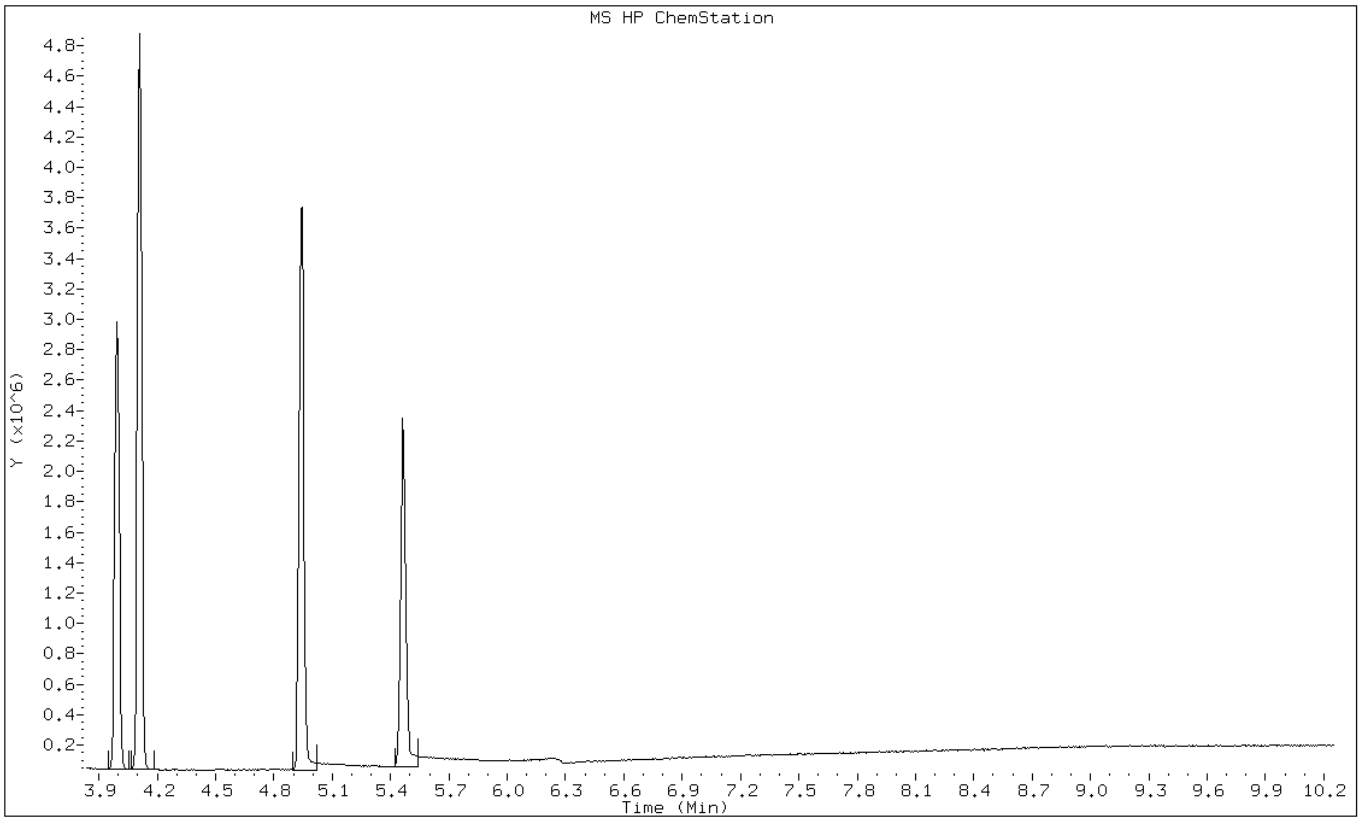
Data File: ggoal001.d
Client ID: BFB
Operator: AHK
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-JUL-2012 13:43
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/ggoalt15.b/ggoal001.d
Spectrum: Avg. Scans 304-306 (5.46), Background Scan 296
Location of Maximum: 174.00
Number of points: 132

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2681	75.00	184896	119.00	1841	161.00	619
37.00	13060	76.00	15260	120.00	71	163.00	69
38.00	12234	77.00	1935	124.00	107	164.00	227
39.00	4758	78.00	1136	125.00	126	173.00	2244
40.00	368	79.00	8516	127.00	160	174.00	458816
41.00	102	80.00	2798	128.00	1606	175.00	32464
42.00	203	81.00	8661	129.00	809	176.00	452544
43.00	237	82.00	1766	130.00	1677	177.00	29384
44.00	1439	83.00	122	131.00	676	178.00	905
45.00	2662	86.00	369	132.00	72	179.00	62
46.00	149	87.00	16115	133.00	65	181.00	83
47.00	3128	88.00	14896	134.00	73	190.00	69
48.00	1638	89.00	286	135.00	628	191.00	190
49.00	12690	91.00	1146	136.00	50	193.00	86
50.00	61192	92.00	10291	137.00	730	194.00	94
51.00	18232	93.00	15772	140.00	409	195.00	54
52.00	734	94.00	44288	141.00	3341	205.00	69
55.00	902	95.00	433408	142.00	463	207.00	42
56.00	4517	96.00	30160	143.00	3594	208.00	59
57.00	8349	97.00	1109	144.00	74	210.00	271
58.00	411	103.00	98	145.00	334	219.00	273
60.00	2596	104.00	1643	146.00	681	233.00	274
61.00	14719	105.00	780	147.00	267	251.00	145
62.00	14418	106.00	1408	148.00	1236	253.00	9
63.00	11225	107.00	514	149.00	126	254.00	133
64.00	992	109.00	159	150.00	510	255.00	121
65.00	144	110.00	75	152.00	178	260.00	124
67.00	905	111.00	247	153.00	384	261.00	73
68.00	37080	112.00	160	154.00	322	262.00	70
69.00	35448	113.00	293	155.00	1371	265.00	114
70.00	2953	115.00	226	156.00	157		
72.00	1600	116.00	1167	157.00	829		
73.00	14217	117.00	2190	158.00	208		
74.00	58624	118.00	1278	159.00	491		

Data File:	ggoal001.d	Date:	12-JUL-2012 13:43
Client ID:	BFB	Instrument:	G.i
Operator:	AHK	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-41805/4

Matrix: Air Lab File ID: ggoal004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 16:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoro ethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	ND		0.50	0.50
75-01-4	Vinyl chloride	62.50	ND		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-00-3	Chloroethane	64.52	ND		0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	ND		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	ND		0.50	0.50
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethen e	96.94	ND		0.20	0.20
110-54-3	n-Hexane	86.17	ND		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	ND		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.20	0.20
67-66-3	Chloroform	119.38	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
71-43-2	Benzene	78.11	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-41805/4

Matrix: Air Lab File ID: ggoal004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 16:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
79-01-6	Trichloroethene	131.39	ND		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
108-88-3	Toluene	92.14	ND		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
108-90-7	Chlorobenzene	112.30	ND		0.20	0.20
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
95-47-6	Xylene, o-	106.17	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	ND		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-41805/4

Matrix: Air Lab File ID: ggoal004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 16:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoro ethane	170.92	ND		1.4	1.4
74-87-3	Chloromethane	50.49	ND		1.0	1.0
75-01-4	Vinyl chloride	62.50	ND		0.51	0.51
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-00-3	Chloroethane	64.52	ND		1.3	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	ND		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	ND		1.1	1.1
76-13-1	Freon TF	187.38	ND		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	ND		0.79	0.79
67-64-1	Acetone	58.08	ND		12	12
67-63-0	Isopropyl alcohol	60.10	ND		12	12
75-15-0	Carbon disulfide	76.14	ND		1.6	1.6
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
156-60-5	trans-1,2-Dichloroethen e	96.94	ND		0.79	0.79
110-54-3	n-Hexane	86.17	ND		0.70	0.70
75-34-3	1,1-Dichloroethane	98.96	ND		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	ND		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.79	0.79
67-66-3	Chloroform	119.38	ND		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	ND		15	15
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
110-82-7	Cyclohexane	84.16	ND		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	0.93
71-43-2	Benzene	78.11	ND		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
142-82-5	n-Heptane	100.21	ND		0.82	0.82

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-41805/4

Matrix: Air Lab File ID: ggoal004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 16:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
79-01-6	Trichloroethene	131.39	ND		1.1	1.1
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	ND		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	ND		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoalt15.b/ggoal004.d
Lab Smp Id: mb
Inj Date : 12-JUL-2012 16:20
Operator : AHK Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/ggoalt15.b/to15v5.m
Meth Date : 13-Jul-2012 17:11 ahk Quant Type: ISTD
Cal Date : 15-MAY-2012 15:53 Cal File: ggo010.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

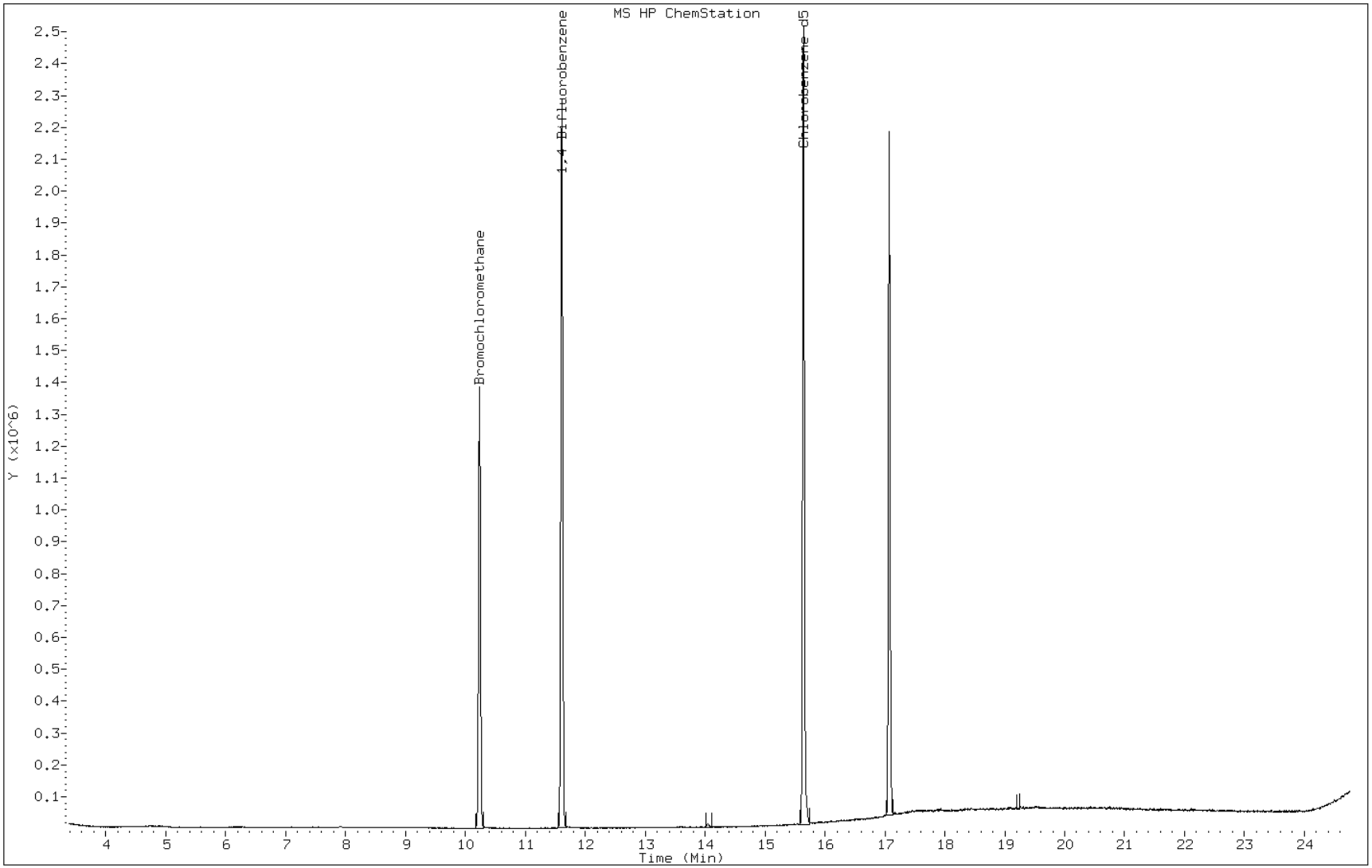
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.918	7.961	(0.774)	2251	0.04853	0.049(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.234	10.288	(1.000)	540668	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.609	11.663	(1.000)	2547550	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.643	15.691	(1.000)	1959878	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	ggoal004.d	Date:	12-JUL-2012 16:20
Client ID:		Instrument:	G.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-41805/3

Matrix: Air Lab File ID: ggoal003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 15:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	11.0		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoro ethane	170.92	9.18		0.20	0.20
74-87-3	Chloromethane	50.49	8.09		0.50	0.50
75-01-4	Vinyl chloride	62.50	8.23		0.20	0.20
106-99-0	1,3-Butadiene	54.09	8.38		0.20	0.20
74-83-9	Bromomethane	94.94	8.75		0.20	0.20
75-00-3	Chloroethane	64.52	9.46		0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.80		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	10.2		0.20	0.20
76-13-1	Freon TF	187.38	10.7		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	10.2		0.20	0.20
67-64-1	Acetone	58.08	7.61		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	7.99		5.0	5.0
75-15-0	Carbon disulfide	76.14	9.36		0.50	0.50
107-05-1	3-Chloropropene	76.53	8.41		0.50	0.50
75-09-2	Methylene Chloride	84.93	8.67		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	9.18		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	8.85		0.20	0.20
156-60-5	trans-1,2-Dichloroethen e	96.94	9.20		0.20	0.20
110-54-3	n-Hexane	86.17	8.41		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	8.94		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	7.60		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	9.21		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	18.4		0.20	0.20
67-66-3	Chloroform	119.38	9.50		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	7.40		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	10.3		0.20	0.20
110-82-7	Cyclohexane	84.16	9.13		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	10.7		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	8.55		0.20	0.20
71-43-2	Benzene	78.11	8.53		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	10.0		0.20	0.20
142-82-5	n-Heptane	100.21	7.89		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-41805/3

Matrix: Air Lab File ID: ggoal003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/12/2012 15:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 41805 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
79-01-6	Trichloroethene	131.39	9.16		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	8.15		0.20	0.20
123-91-1	1,4-Dioxane	88.11	8.12		5.0	5.0
75-27-4	Bromodichloromethane	163.83	10.2		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	8.53		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	8.36		0.50	0.50
108-88-3	Toluene	92.14	8.23		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	8.89		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	7.88		0.20	0.20
127-18-4	Tetrachloroethene	165.83	9.41		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.02		0.50	0.50
124-48-1	Dibromochloromethane	208.29	9.92		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	8.08		0.20	0.20
108-90-7	Chlorobenzene	112.30	8.24		0.20	0.20
100-41-4	Ethylbenzene	106.17	8.34		0.20	0.20
179601-23-1	m,p-Xylene	106.17	16.7		0.50	0.50
95-47-6	Xylene, o-	106.17	7.97		0.20	0.20
1330-20-7	Xylene (total)	106.17	24.7		0.20	0.20
100-42-5	Styrene	104.15	8.39		0.20	0.20
75-25-2	Bromoform	252.75	11.2		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	7.85		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	9.06		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	8.34		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	8.57		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	8.29		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	9.20		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	9.20		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	8.81		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	10.6		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	11.3		0.20	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/ggoalt15.b/ggoal003.d
Lab Smp Id: lcs 357487
Inj Date : 12-JUL-2012 15:26
Operator : AHK Inst ID: G.i
Smp Info : lcs 357487
Misc Info : 200,1, lcs
Comment :
Method : /chem/G.i/Gsvr.p/ggoalt15.b/to15v5.m
Meth Date : 13-Jul-2012 17:11 ahk Quant Type: ISTD
Cal Date : 15-MAY-2012 15:53 Cal File: ggo010.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.531	3.542	(0.345)	285275	8.28618	8.3
2	Dichlorodifluoromethane	85	3.617	3.627	(0.353)	1668063	10.9726	11
3	Chlorodifluoromethane	51	3.670	3.681	(0.358)	724355	9.47880	9.5
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.943	3.954	(0.385)	1489375	9.18145	9.2
5	Chloromethane	50	4.109	4.125	(0.401)	323321	8.09139	8.1
6	Butane	43	4.355	4.371	(0.425)	512440	7.84279	7.8
7	Vinyl chloride	62	4.398	4.414	(0.429)	409789	8.23029	8.2
8	1,3-Butadiene	54	4.489	4.505	(0.438)	274897	8.37556	8.4
9	Bromomethane	94	5.222	5.248	(0.510)	504621	8.75367	8.8
10	Chloroethane	64	5.457	5.489	(0.533)	199132	9.46331	9.5
11	2-Methylbutane	43	5.559	5.585	(0.543)	389756	8.53852	8.5
12	Vinyl bromide	106	5.853	5.885	(0.572)	573008	9.79602	9.8
13	Trichlorofluoromethane	101	5.965	5.992	(0.583)	1503942	10.2206	10
14	Pentane	43	6.110	6.136	(0.597)	542528	8.84351	8.8

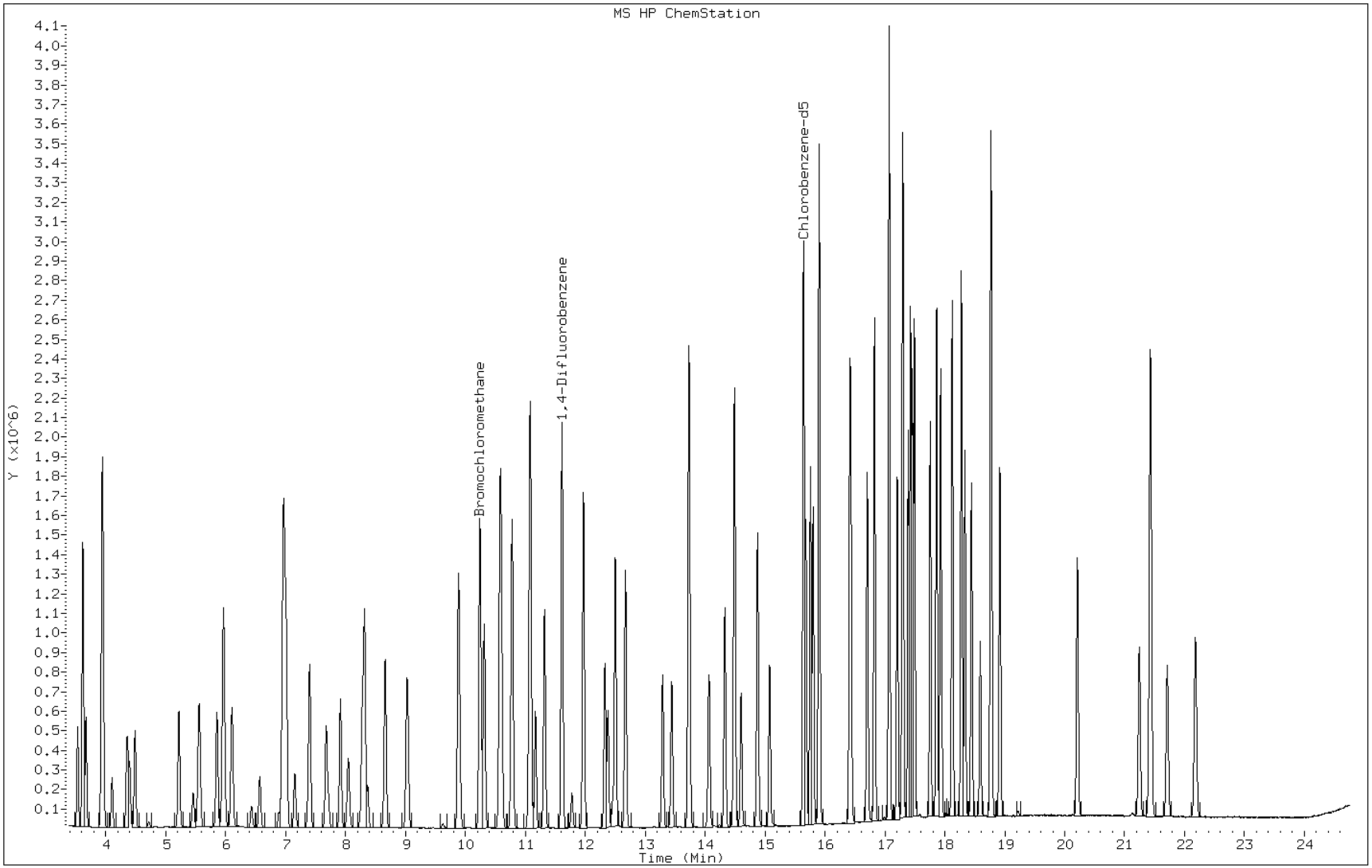
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	6.425	6.447	(0.627)	153872	10.6617	11
	16 Ethyl ether	59	6.570	6.602	(0.642)	206396	7.64842	7.6
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.966	6.998	(0.680)	1151425	10.6711	11
	18 Acrolein	56	6.885	6.928	(0.672)	77238	5.74582	5.7(R)
	19 1,1-Dichloroethene	96	7.008	7.046	(0.684)	505278	10.1884	10
	20 Acetone	43	7.153	7.196	(0.699)	450776	7.61230	7.6
	21 Carbon disulfide	76	7.404	7.442	(0.723)	1325594	9.36483	9.4
	22 Isopropanol	45	7.383	7.415	(0.721)	328455	7.99242	8.0
	23 Allyl chloride	41	7.677	7.720	(0.750)	439942	8.41335	8.4(M)
	24 Acetonitrile	41	7.704	7.768	(0.752)	181766	6.93116	6.9(QRM)
	25 Methylene chloride	49	7.918	7.961	(0.773)	424083	8.66763	8.7
	26 Tert-butyl alcohol	59	8.052	8.084	(0.786)	589611	9.17910	9.2
	27 Methyl tert-butyl ether	73	8.282	8.319	(0.809)	1034735	8.85264	8.9
	28 1,2-Dichloroethene (trans)	61	8.319	8.356	(0.812)	619152	9.20224	9.2
	29 Acrylonitrile	53	8.367	8.421	(0.817)	184470	7.16827	7.2
	30 n-Hexane	57	8.662	8.694	(0.846)	541695	8.41146	8.4
	31 1,1-Dichloroethane	63	9.020	9.068	(0.881)	744392	8.93690	8.9
	32 Vinyl acetate	43	9.041	9.089	(0.883)	577813	6.88525	6.9(R)
M	33 1,2-Dichloroethene,Total	61				1136877	18.4073	18
	34 1,2-Dichloroethene (cis)	96	9.887	9.935	(0.966)	517725	9.20506	9.2
	35 Ethyl acetate	88	9.913	9.956	(0.968)	23811	8.03001	8.0(Q)
	36 Methyl Ethyl Ketone	72	9.881	9.929	(0.965)	133454	7.60324	7.6(Q)
*	37 Bromochloromethane	128	10.240	10.288	(1.000)	570362	10.0000	
	38 Tetrahydrofuran	42	10.261	10.309	(0.883)	258714	7.40359	7.4
	39 Chloroform	83	10.315	10.363	(1.007)	1027025	9.49960	9.5
	40 Cyclohexane	84	10.598	10.641	(0.912)	582051	9.13391	9.1
	41 1,1,1-Trichloroethane	97	10.577	10.619	(0.911)	1219320	10.3204	10
	42 Carbon tetrachloride	117	10.780	10.823	(0.928)	1377526	10.6692	11
	43 2,2,4-Trimethylpentane	57	11.074	11.117	(0.953)	1663825	8.54760	8.5
	44 Benzene	78	11.085	11.133	(0.954)	1177447	8.52769	8.5
	45 1,2-Dichloroethane	62	11.171	11.219	(0.962)	612808	10.0444	10
	46 n-Heptane	43	11.320	11.358	(0.975)	538270	7.89098	7.9
*	47 1,4-Difluorobenzene	114	11.615	11.663	(1.000)	2268201	10.0000	
	48 n-Butanol	56	11.780	11.828	(1.014)	117055	7.48490	7.5
	49 Trichloroethene	95	11.973	12.021	(1.031)	665566	9.15975	9.2
	50 1,2-Dichloropropane	63	12.326	12.374	(1.061)	365367	8.15332	8.2
	51 Methyl methacrylate	69	12.380	12.422	(1.066)	269516	8.08495	8.1
	52 Dibromomethane	174	12.503	12.551	(1.076)	716265	11.2237	11
	53 1,4-Dioxane	88	12.454	12.497	(1.072)	134952	8.12466	8.1
	54 Bromodichloromethane	83	12.668	12.716	(1.091)	1059247	10.2101	10
	55 1,3-Dichloropropene (cis)	75	13.294	13.342	(1.145)	556019	8.53481	8.5
	56 Methyl isobutyl ketone	43	13.444	13.492	(1.158)	586857	8.36206	8.4
	57 n-Octane	43	13.738	13.776	(1.183)	672128	7.87997	7.9
	58 Toluene	92	13.728	13.770	(0.878)	799060	8.23274	8.2
	59 1,3-Dichloropropene (trans)	75	14.065	14.113	(1.211)	536786	8.88835	8.9
	60 1,1,2-Trichloroethane	83	14.327	14.380	(0.916)	377351	7.88321	7.9
	61 Tetrachloroethene	166	14.487	14.535	(0.926)	933181	9.40524	9.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	14.600	14.648	(0.933)	538335	8.02245	8.0
	63 Dibromochloromethane	129	14.873	14.926	(0.951)	1073663	9.91994	9.9
	64 1,2-Dibromoethane	107	15.076	15.129	(0.964)	701397	8.07843	8.1
*	65 Chlorobenzene-d5	117	15.643	15.691	(1.000)	2190772	10.0000	
	66 Chlorobenzene	112	15.686	15.728	(1.003)	1069392	8.24106	8.2
	67 n-Nonane	57	15.803	15.841	(1.010)	590032	7.40901	7.4
	68 Ethylbenzene	91	15.761	15.803	(1.008)	1617740	8.33970	8.3
	69 Xylene (m,p)	106	15.905	15.948	(1.017)	1332476	16.7413	17
M	70 Xylenes, Total	106				2000919	24.7107	25
	71 Xylene (o)	106	16.413	16.456	(1.049)	668443	7.96941	8.0
	72 Styrene	104	16.435	16.477	(1.051)	882959	8.39258	8.4
	73 Bromoform	173	16.707	16.750	(1.068)	1032438	11.1895	11
	74 Isopropylbenzene	105	16.825	16.868	(1.076)	2069567	8.78072	8.8
	75 1,1,2,2-Tetrachloroethane	83	17.205	17.248	(1.100)	938680	7.85246	7.9
	76 n-Propylbenzene	91	17.301	17.339	(1.106)	2137985	8.73513	8.7
	77 1,2,3-Trichloropropane	75	17.291	17.333	(1.105)	681814	8.67976	8.7
	78 n-Decane	57	17.392	17.424	(1.112)	694760	7.63835	7.6
	79 4-Ethyltoluene	105	17.430	17.467	(1.114)	1912514	9.05573	9.1
	80 2-Chlorotoluene	91	17.456	17.499	(1.116)	1716243	8.57368	8.6
	81 1,3,5-Trimethylbenzene	105	17.494	17.531	(1.118)	1583222	8.33921	8.3
	82 Alpha Methyl Styrene	118	17.761	17.799	(1.135)	741894	9.07350	9.1
	83 tert-butylbenzene	119	17.868	17.906	(1.142)	1641101	8.60153	8.6
	84 1,2,4-Trimethylbenzene	105	17.933	17.975	(1.146)	1485132	8.29492	8.3
	85 sec-Butylbenzene	105	18.120	18.162	(1.158)	2255891	8.30910	8.3
	86 4-Isopropyltoluene	119	18.275	18.312	(1.168)	2008172	9.13367	9.1
	87 1,3-Dichlorobenzene	146	18.334	18.376	(1.172)	1014363	9.20028	9.2
	88 1,4-Dichlorobenzene	146	18.441	18.489	(1.179)	933511	9.20445	9.2
	89 Benzyl chloride	91	18.591	18.639	(1.188)	784397	7.41894	7.4
	90 Undecane	57	18.762	18.799	(1.199)	694517	8.11043	8.1
	91 n-Butylbenzene	91	18.772	18.815	(1.200)	1504200	8.88035	8.9
	92 1,2-Dichlorobenzene	146	18.917	18.965	(1.209)	1002543	8.81081	8.8
	93 Dodecane	57	20.212	20.254	(1.292)	598065	8.80543	8.8
	94 1,2,4-Trichlorobenzene	180	21.249	21.308	(1.358)	479755	10.6245	11
	95 1,3-Hexachlorobutadiene	225	21.431	21.490	(1.370)	832636	11.3235	11
	96 Naphthalene	128	21.715	21.784	(1.388)	1097901	9.45218	9.5
	97 1,2,3-Trichlorobenzene	180	22.180	22.255	(1.418)	557584	13.0924	13(R)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File:	ggoal003.d	Date:	12-JUL-2012 15:26
Client ID:		Instrument:	G.i
Operator:	AHK	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 357487		
Lab Sample ID:	lcs 357487		



Manual Integration Report

Data File: ggoal003.d
Lab Sample ID: lcs 357487
Inj. Date and Time: 12-JUL-2012 15:26
Instrument ID: G.i
Client ID:
Compound: 23 Allyl chloride
CAS #: 107-05-1
Report Date: 07/16/2012

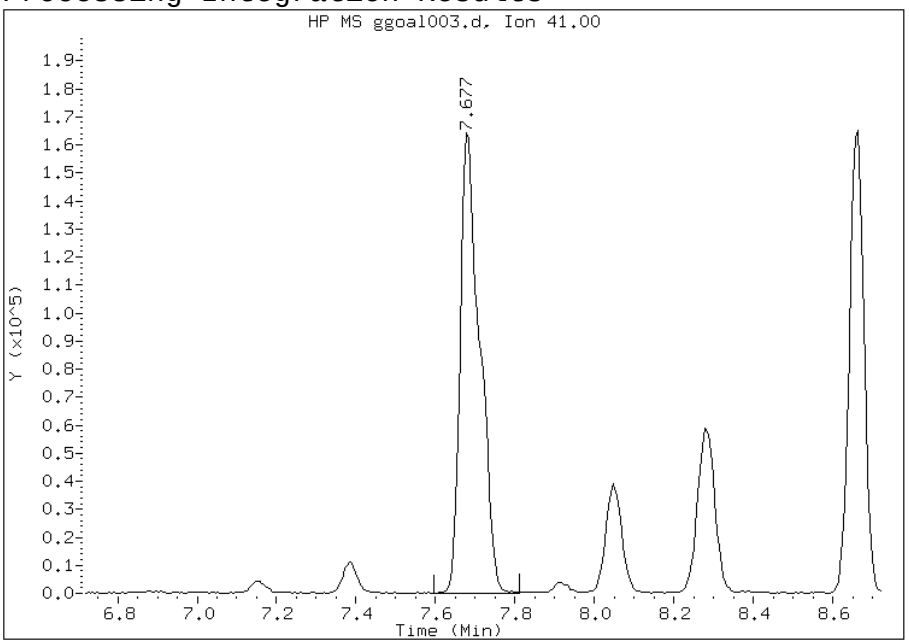
Processing Integration Results

RT: 7.68

Response: 565286

Amount: 10.81

Conc: 10.81



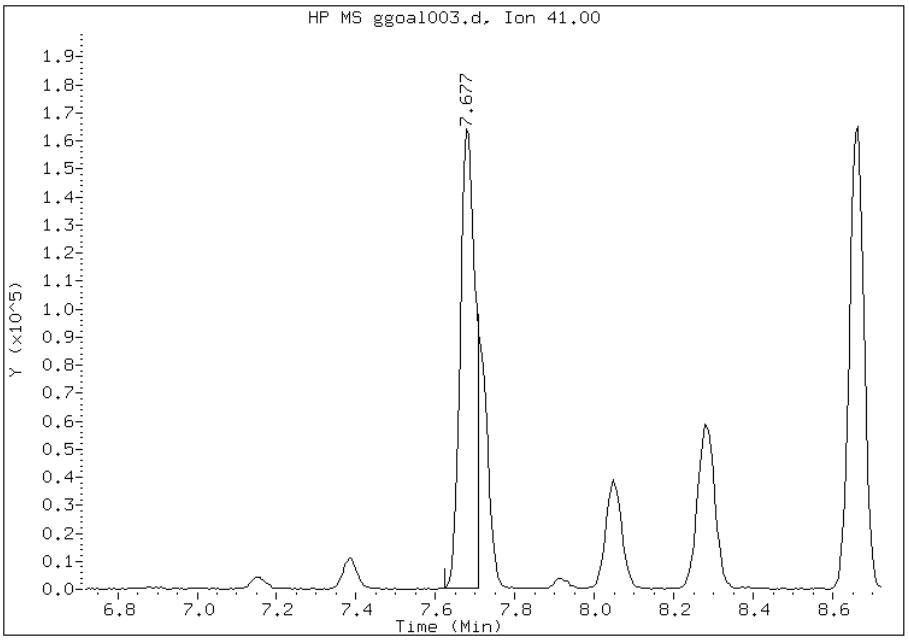
Manual Integration Results

RT: 7.68

Response: 439942

Amount: 8.41

Conc: 8.41



File Uploaded By: jd1
Manual Integration Reason:

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Instrument ID: G.i Start Date: 05/15/2012 08:22

Analysis Batch Number: 38736 End Date: 05/16/2012 07:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-38736/1		05/15/2012 08:22	1	ggo001.d	RTX-624 0.32(mm)
VIBLK 200-38736/2		05/15/2012 09:12	1		RTX-624 0.32(mm)
IC 200-38736/3		05/15/2012 10:01	1	ggo003.d	RTX-624 0.32(mm)
IC 200-38736/4		05/15/2012 10:52	1	ggo004.d	RTX-624 0.32(mm)
IC 200-38736/5		05/15/2012 11:42	1	ggo005.d	RTX-624 0.32(mm)
IC 200-38736/6		05/15/2012 12:32	1	ggo006.d	RTX-624 0.32(mm)
ICIS 200-38736/7		05/15/2012 13:22	1	ggo007.d	RTX-624 0.32(mm)
IC 200-38736/8		05/15/2012 14:13	1	ggo008.d	RTX-624 0.32(mm)
IC 200-38736/9		05/15/2012 15:03	1	ggo009.d	RTX-624 0.32(mm)
IC 200-38736/10		05/15/2012 15:53	1	ggo010.d	RTX-624 0.32(mm)
VIBLK 200-38736/11		05/15/2012 16:43	1		RTX-624 0.32(mm)
ICV 200-38736/12		05/15/2012 17:33	1	ggo012.d	RTX-624 0.32(mm)
VIBLK 200-38736/13		05/15/2012 18:23	1		RTX-624 0.32(mm)
ZZZZZ		05/15/2012 19:13	1		RTX-624 0.32(mm)
ZZZZZ		05/15/2012 20:04	1		RTX-624 0.32(mm)
ZZZZZ		05/15/2012 20:54	1		RTX-624 0.32(mm)
ZZZZZ		05/15/2012 21:44	1		RTX-624 0.32(mm)
ZZZZZ		05/15/2012 22:40	0.2		RTX-624 0.32(mm)
ZZZZZ		05/15/2012 23:36	0.2		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 00:31	0.2		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 01:27	0.2		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 02:16	15.1		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 03:06	1		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 03:57	1		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 04:47	1		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 05:37	2		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 06:26	10		RTX-624 0.32(mm)
ZZZZZ		05/16/2012 07:22	0.2		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-22291-1

SDG No.:

Instrument ID: G.i Start Date: 07/12/2012 13:43

Analysis Batch Number: 41805 End Date: 07/13/2012 03:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-41805/1		07/12/2012 13:43	1	ggoal001.d	RTX-624 0.32(mm)
CCVIS 200-41805/2		07/12/2012 14:34	1	ggoal002.d	RTX-624 0.32(mm)
LCS 200-41805/3		07/12/2012 15:26	1	ggoal003.d	RTX-624 0.32(mm)
MB 200-41805/4		07/12/2012 16:20	1	ggoal004.d	RTX-624 0.32(mm)
ZZZZZ		07/12/2012 17:10	2		RTX-624 0.32(mm)
ZZZZZ		07/12/2012 17:59	3.57		RTX-624 0.32(mm)
ZZZZZ		07/12/2012 18:48	2.99		RTX-624 0.32(mm)
480-22291-1	AS Effluent	07/12/2012 19:38	1	ggoal008.d	RTX-624 0.32(mm)
480-22291-2	LRP Effluent	07/12/2012 20:28	349	ggoal009.d	RTX-624 0.32(mm)
ZZZZZ		07/12/2012 21:17	10		RTX-624 0.32(mm)
ZZZZZ		07/12/2012 22:07	43.8		RTX-624 0.32(mm)
ZZZZZ		07/12/2012 22:56	10		RTX-624 0.32(mm)
ZZZZZ		07/12/2012 23:45	48.2		RTX-624 0.32(mm)
ZZZZZ		07/13/2012 00:36	1		RTX-624 0.32(mm)
ZZZZZ		07/13/2012 01:26	1		RTX-624 0.32(mm)
ZZZZZ		07/13/2012 02:16	1		RTX-624 0.32(mm)
ZZZZZ		07/13/2012 03:05	10		RTX-624 0.32(mm)

Subcontract Data

Shipping and Receiving Documents

22291

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Dino Zack	Samples Collected By: E. Laity
Company: AECOM	Phone: 716-836-4506	1 of 1 COCs
Address: 100 Corporate Pkwy Suite 341	Email: dino.zack@aecom.com	
City/State/Zip Amherst NY 14226		
Phone: 716-836-4506	Site Contact: Dino Zack	
FAX: 716-834-8795	TA Contact: Brian Fischer	
Project Name: Scott Aviation Site	Analysis Turnaround Time	
Site: New York	Standard (Specify)	
PO #	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
AS - Effluent	7/6/12	12:05	—				3553	1										
LRP - Effluent	7/6/12	12:10	—				2593	1										

Temperature (Fahrenheit)	Interior	Ambient		
Start				
Stop				

Pressure (inches of Hg)	Interior	Ambient		
Start				
Stop				

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time: 7/6/12 16:05	Samples Received by: 7-6-12 1605
Samples Relinquished by:	Date/Time: 7/6/12 1700	Received by: FedEx 7/7/12 1032
Relinquished by:	Date/Time:	Received by:

Lab Use Only: Shipper Name: Opened by: Condition:

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-22291-1

Login Number: 22291

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	N/A	
Samples are received within Holding Time.	N/A	
Sample containers have legible labels.	N/A	
Containers are not broken or leaking.	N/A	
Sample collection date/times are provided.	N/A	
Appropriate sample containers are used.	N/A	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Sampling Company provided.	N/A	
Samples received within 48 hours of sampling.	N/A	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-22291-1

Login Number: 22291
List Number: 1
Creator: Gagne, Eric

List Source: TestAmerica Burlington
List Creation: 07/10/12 08:47 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	No SEALS
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
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.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	Check done at department level as required.

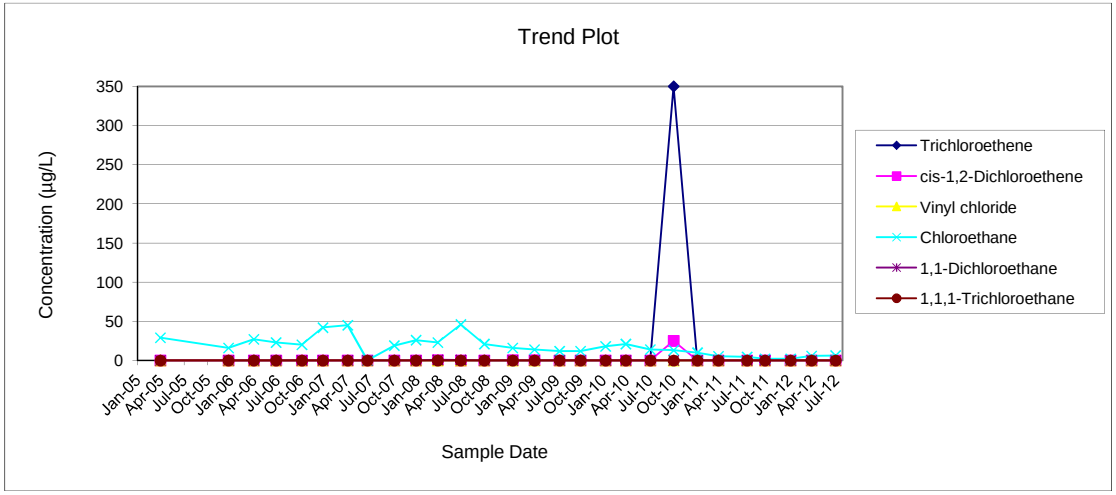
APPENDIX D

Historical and Current Summary of VOCs in Groundwater

MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	1	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	0	< 5	16	<5	< 5
4/15/2009	< 5	0	< 5	14	<5	< 5
7/22/2009	< 5	< 5	< 5	12	<5	< 5
10/12/2009	< 5	< 5	< 5	12	<5	< 5
1/18/2010	< 25	< 25	< 25	18	< 25	< 25
4/7/2010	< 25	< 25	< 25	21	< 25	< 25
7/12/2010	< 25	< 25	< 25	14	< 25	< 25
10/11/2010	350	25	< 25	13	< 25	< 25
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1
7/25/2011	<1	<1	<1	4.5	<1	<1
10/3/2011	<1	<1	<1	2.1	<1	<1
1/11/2012	<1	<1	<1	2	<1	<1
4/2/2012	<1	<1	<1	5.8	<1	<1
7/5/2012	<1	<1	<1	6.3	<1	<1

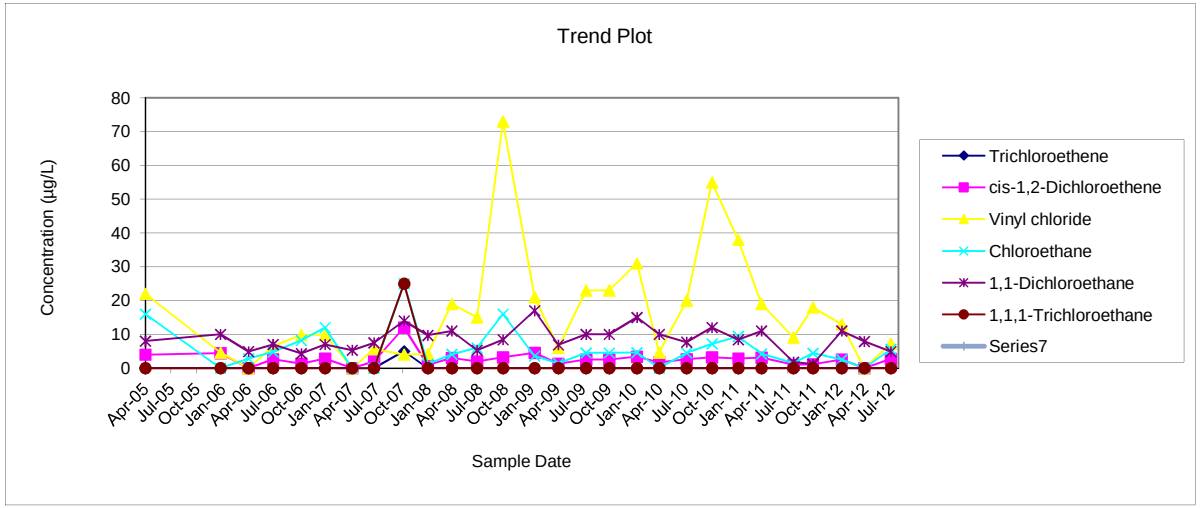
MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4	22	16	8	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2	5.7	< 5	7.5	< 5
10/17/2007	5	12	4	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	<5
4/3/2008	<5	3	19	4.1	11	<5
7/1/2008	<5	2	15	6	5.3	<5
10/1/2008	<5	3.2	73	16	8.4	<5
1/21/2009	<5	4.5	21	3.6	17	<5
4/15/2009	<5	1.3	6	1.4	6.9	<5
7/22/2009	<5	2.5	23	4.5	10	<5
10/12/2009	<5	2.5	23	4.5	10	<5
1/18/2010	<5	3.4	31	4.6	15	<5
4/7/2010	<5	1.7	4.6	<5	10	<5
7/13/2010	<5	2.6	20	4.5	7.7	<5
10/11/2010	<5	3.2	55	7.2	12	<5
1/12/2011	<1	2.8	38	9.4	8.4	<1
4/4/2011	<1	3.1	19	4.2	11	<1
7/26/2011	<1	0.98	9.1	1.5	1.8	<1
10/3/2011	<1	1.1	18	4.4	1.2	<1
1/13/2012	<1	2.5	13	2.5	11	<1
4/2/2012	<1	<1	<1	<1	7.9	<1
7/5/2012	<1	2.7	7.2	5.6	4.9	<1

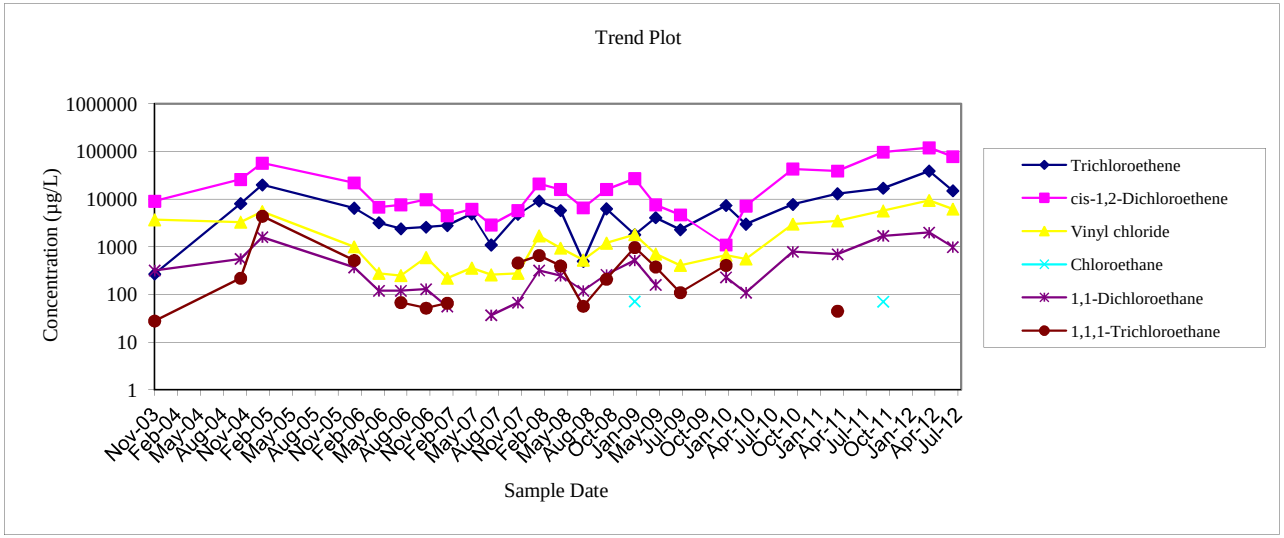
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45
10/4/2011	17,000	97,000	5,700	71	1700	<1
4/3/2012	39,000	120,000	9,400	<200	2000	<200
7/6/2012	15,000	78,000	6,200	<1000	990	<1000

MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

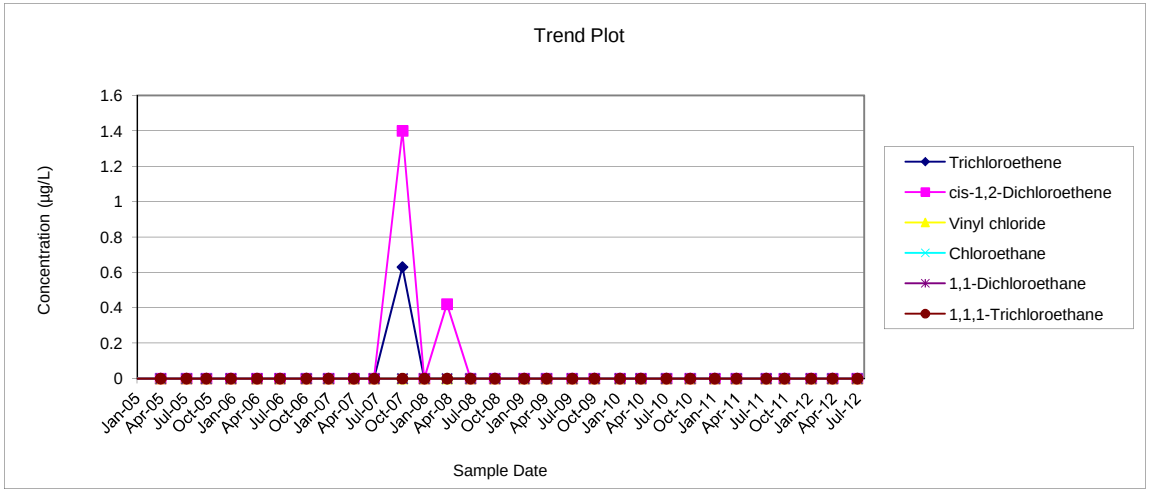


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	< 10	< 10	< 10	< 10	< 10	< 6
10/12/2004	< 10	< 10	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/14/2005	< 10	< 10	< 10	< 10	< 10	< 10
7/21/2005	< 5	< 5	< 5	< 5	< 5	< 5
10/4/2005	< 5	< 5	< 5	< 5	< 5	< 5
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/10/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	0.63	1.4	< 5	< 5	< 5	< 5
1/8/2008	<5	<5	<5	< 5	< 5	< 5
4/3/2008	<5	0.42	<5	<5	<5	<5
7/1/2008	<5	<5	<5	<5	<5	<5
10/1/2008	<5	<5	<5	<5	<5	<5
1/20/2009	<5	<5	<5	<5	<5	<5
4/15/2009	<5	<5	<5	<5	<5	<5
7/21/2009	<5	<5	<5	<5	<5	<5
10/13/2009	<5	<5	<5	<5	<5	<5
1/18/2010	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
7/13/2010	<5	<5	<5	<5	<5	<5
10/11/2010	<5	<5	<5	<5	<5	<5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1

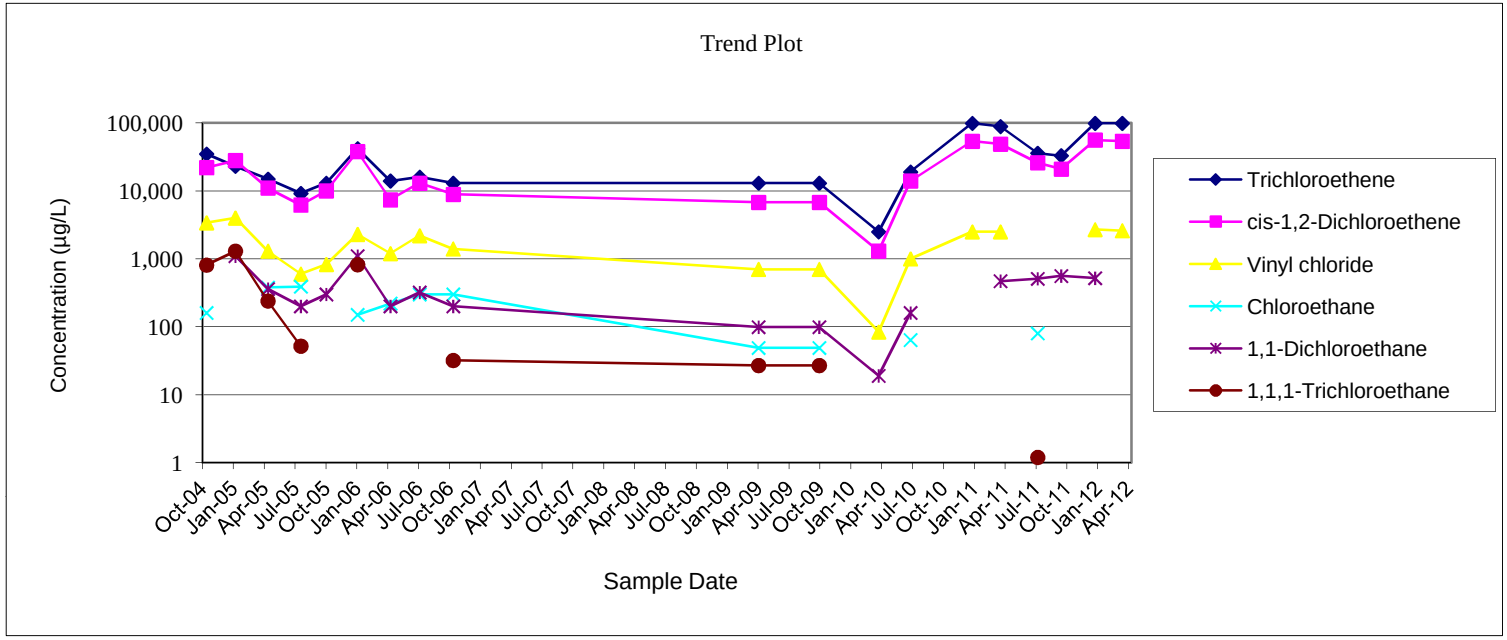
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/13/2004	35,000	22,000	3,400	160	< 5,000	810
1/7/2005	23,000	28,000	4,000	< 2,000	1,100	1,300
4/14/2005	15,000	11,000	1,300	380	360	240
7/21/2005	9,200	6,200	600	390	200	52
10/5/2005	13,000	10,000	830	< 1,000	300	<1,000
1/6/2006	42,000	38,000	2,300	150	1100	820
4/14/2006	14,000	7,400	1,200	220	200	< 1,000
7/10/2006	16,000	13,000	2,200	300	320	< 1,000
10/18/2006	13,000	8,900	1,400	300	200	32
4/15/2009	13,000	6,800	700	49	99	27
10/13/2009	13,000	6,800	700	49	99	27
4/8/2010	2,500	1,300	84	<100	19	<100
7/12/2010	19,000	14,000	1,000	64	160	<100
1/12/2011	99,000	54,000	2,500	<2000	<2000	<2000
4/6/2011	89,000	49,000	2,500	<800	470	<800
7/26/2011	36,000	26,000	<800	80	510	1.2
10/4/2011	33,000	21,000	<400	<400	560	<400
1/13/2012	99,000	56,000	2,700	<800	520	<800
4/3/2012	99,000	54,000	2,600	<2000	<2000	<2000

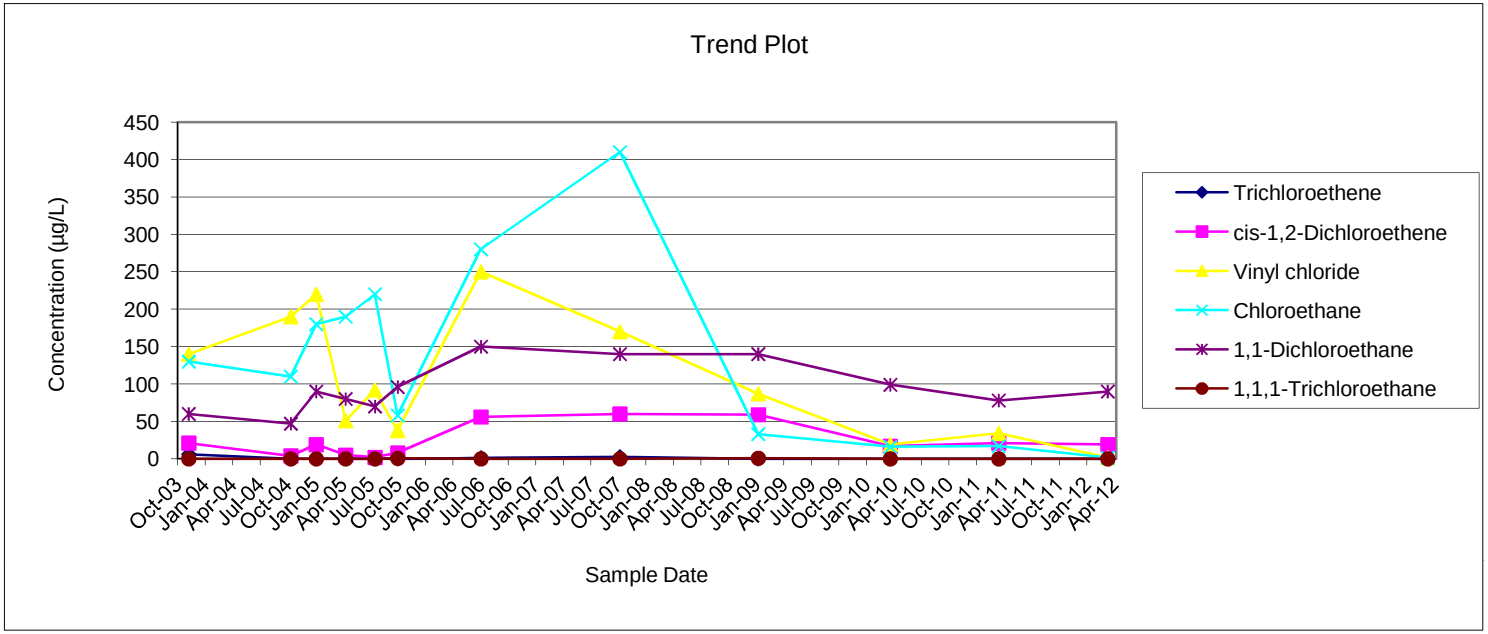
MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	6	21	140	130	60	< 10
10/13/2004	< 10	4	190	110	47	< 10
1/6/2005	< 10	19	220	180	90	< 10
4/14/2005	< 10	5	51	190	80	< 10
7/21/2005	< 5	2	92	220	70	< 5
10/5/2005	< 5	8	38	58	96	0.68
7/10/2006	1.3	56	250	280	150	< 5
10/17/2007	2.6	60	170	410	140	< 25
1/21/2009	<5	59	87	33	140	0.81
4/7/2010	<5	17	19	16	99	< 5
4/4/2011	<1	21	34	17	78	<1
4/2/2012	<1	19	1.8	1.5	90	<1

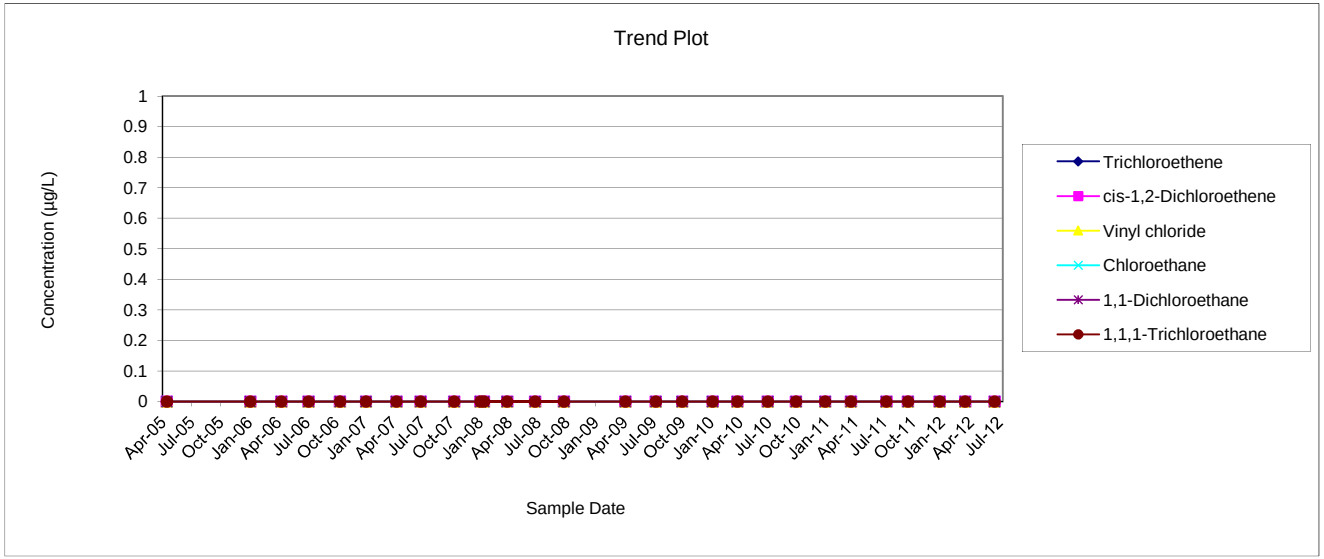
MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/3/2008	< 5	< 5	< 5	< 5	< 5	< 5
7/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
10/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
1/20/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/15/2009	< 5	< 5	< 5	< 5	< 5	< 5
7/21/2009	< 5	< 5	< 5	< 5	< 5	< 5
10/13/2009	< 5	< 5	< 5	< 5	< 5	< 5
1/18/2010	< 5	< 5	< 5	< 5	< 5	< 5
4/7/2010	< 5	< 5	< 5	< 5	< 5	< 5
7/13/2010	< 5	< 5	< 5	< 5	< 5	< 5
10/11/2010	< 5	< 5	< 5	< 5	< 5	< 5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1

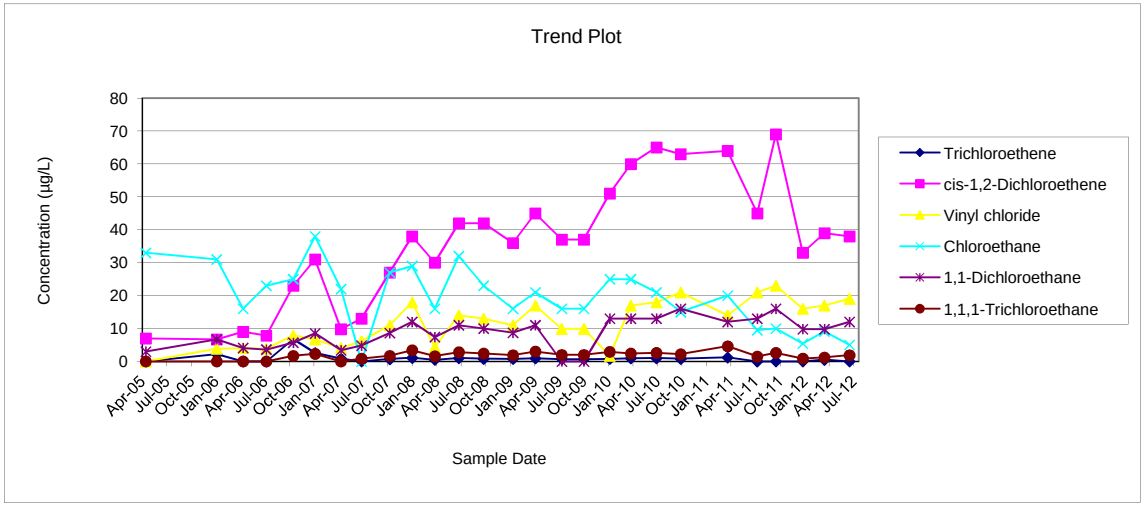
MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7	< 10	33	3	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9	4	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	25	5.7	1.7
1/9/2007	2.6	31	6.7	38	8.5	2.3
4/16/2007	0.89	9.8	4.1	22	3.4	<5
7/2/2007	< 5	13	6.1	< 5	4.8	0.84
10/16/2007	0.71	27	11	27	8.6	1.7
1/8/2008	1.1	38	18	29	12	3.4
4/2/2008	0.49	30	4.3	16	7.4	1.6
7/1/2008	1	42	14	32	11	2.8
10/2/2008	0.81	42	13	23	10	2.4
1/20/2009	0.77	36	11	16	8.7	1.9
4/14/2009	0.95	45	17	21	11	3
7/22/2009	0.69	37	9.9	16	<5	2
10/13/2009	0.69	37	9.9	16	<5	2
1/18/2010	0.77	51	1.7	25	13	2.9
4/7/2010	0.95	60	17	25	13	2.4
7/12/2010	1	65	18	21	13	2.6
10/11/2010	0.8	63	21	15	16	2.2
4/5/2011	1.2	64	14	20	12	4.6
7/25/2011	<1	45	21	9.5	13	1.5
10/3/2011	<1	69	23	10	16	2.6
1/12/2012	<1	33	16	5.4	9.8	0.88
4/2/2012	0.51	39	17	9.1	9.8	1.2
7/5/2012	<1	38	19	5	12	1.9

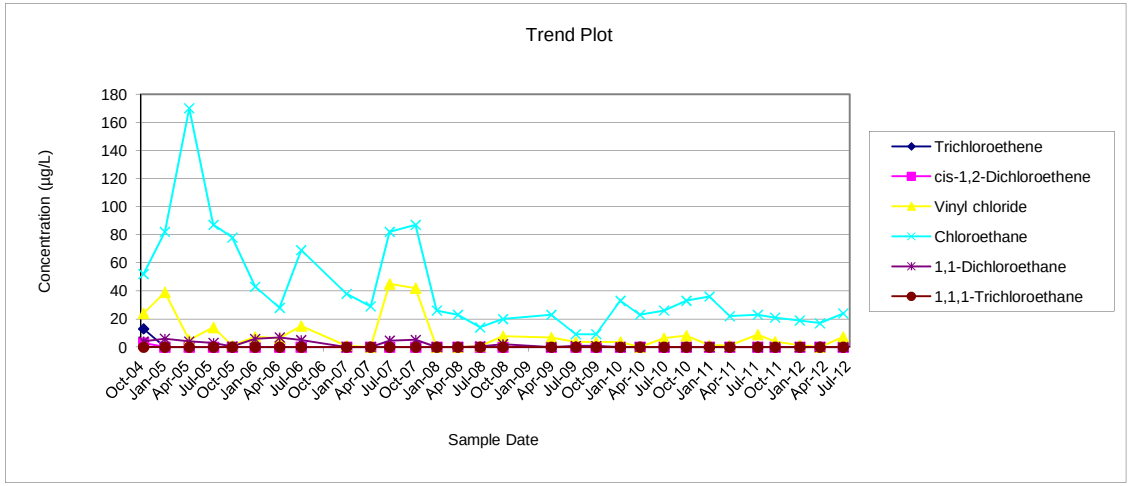
MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/12/2004	13	3	24	52	4	< 10
1/6/2005	< 10	< 10	39	82	6	< 10
4/14/2005	< 10	< 10	5	170	4	< 10
7/21/2005	< 5	< 5	14	87	3	<
10/5/2005	< 5	< 5	1.2	78	0.43	< 5
1/5/2006	< 25	< 25	7.2	43	5.8	< 25
4/14/2006	< 25	< 25	6.3	28	6.9	< 25
7/10/2006	< 25	< 25	15	69	5	< 25
1/9/2007	< 5	< 5	0.83	38	< 5	< 5
4/16/2007	< 20	< 20	< 20	29	< 20	< 20
7/2/2007	< 5	< 5	45	82	4.6	< 5
10/15/2007	< 5	< 5	42	87	5.2	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	< 5	< 5	23	< 5	< 5
7/1/2008	< 5	< 5	0.64	14	0.55	< 5
10/1/2008	< 5	< 5	7.8	20	2.1	< 5
4/14/2009	<5	<5	6.8	23	<5	<5
7/22/2009	<5	<5	3.6	9.2	0.79	<5
10/12/2009	<5	<5	3.6	9.2	0.79	<5
1/18/2010	<5	<5	3.6	33	<5	<5
4/7/2010	<5	<5	< 5	23	<5	<5
7/13/2010	<5	<5	6.4	26	<5	<5
10/11/2010	<5	<5	8.1	33	<5	<5
1/12/2011	<1	<1	1.3	36	<1	<1
4/4/2011	<1	<1	1.1	22	<1	<1
7/26/2011	<1	<1	8.9	23	<1	<1
10/4/2011	<1	<1	3.9	21	<1	<1
1/12/2012	<1	<1	1.4	19	<1	<1
4/2/2012	<1	<1	<1	17	<1	<1
7/5/2012	<1	<1	7.2	24	<1	<1

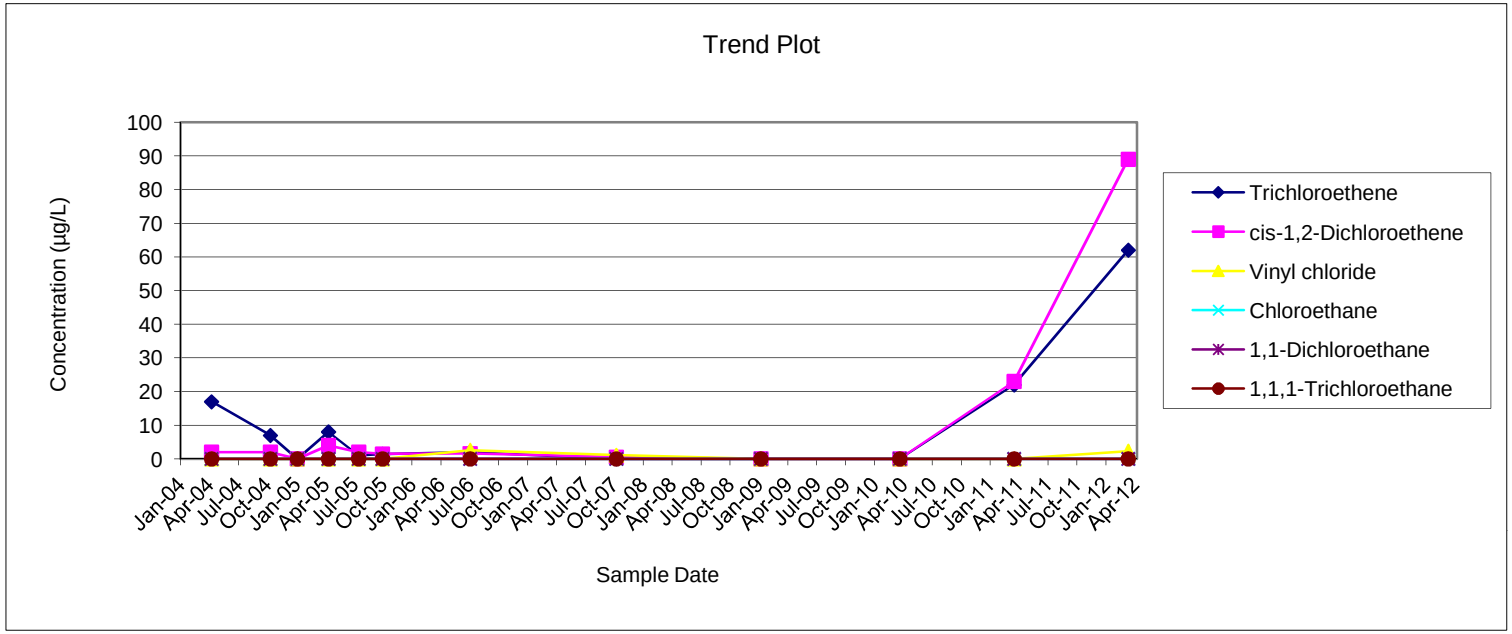
MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2	< 10	< 10	< 10	< 10
10/12/2004	7	2	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/15/2005	8	4	< 10	< 10	< 10	< 10
7/20/2005	1	2	< 5	< 5	< 5	< 5
10/4/2005	1.4	1.5	< 5	< 5	< 5	<5
7/10/2006	2	1.6	2.6	< 5	< 5	< 5
10/18/2007	<5	0.55	1.1	< 5	< 5	< 5
1/20/2009	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
4/6/2011	22	23	<1	<1	<1	<1
4/3/2012	62	89	2.3	<1	<1	<1

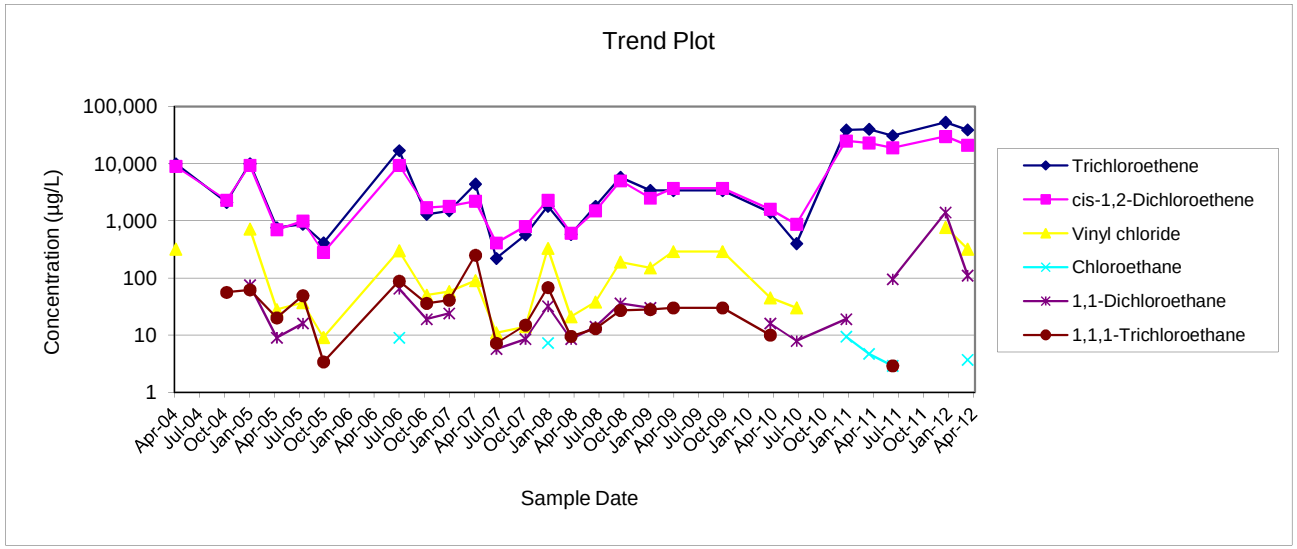
PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1

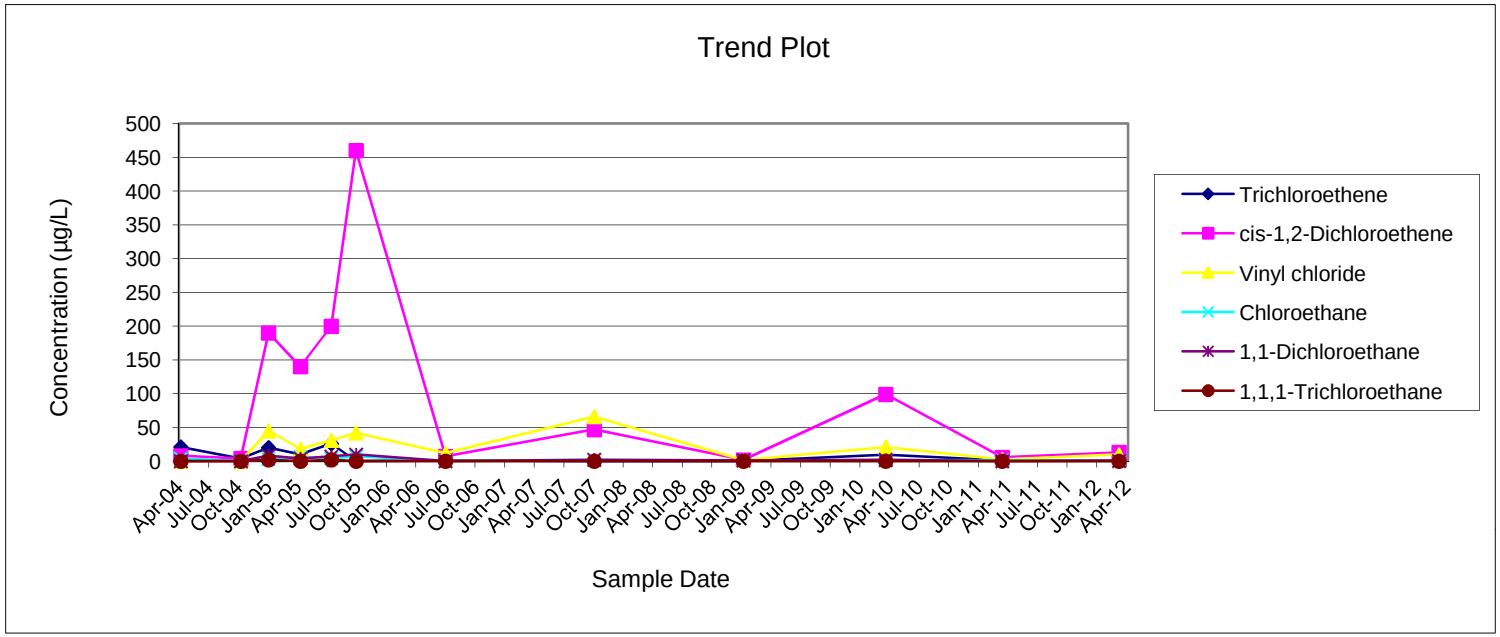
PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	8	< 10	4	< 10	< 10
10/12/2004	4	4	< 10	< 10	< 10	< 10
1/6/2005	20	190	45	3	8	2
4/15/2005	10	140	18	6	4	< 10
7/20/2005	26	200	31	4	7	2
10/5/2005	< 10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	< 5	< 5
10/15/2007	< 5	47	66	1.8	2.2	< 5
1/21/2009	<5	2	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2	<5
4/5/2011	0.97	5.6	2.6	1.5	<1	<1
4/2/2012	0.64	13	9.9	<1	0.44	<1

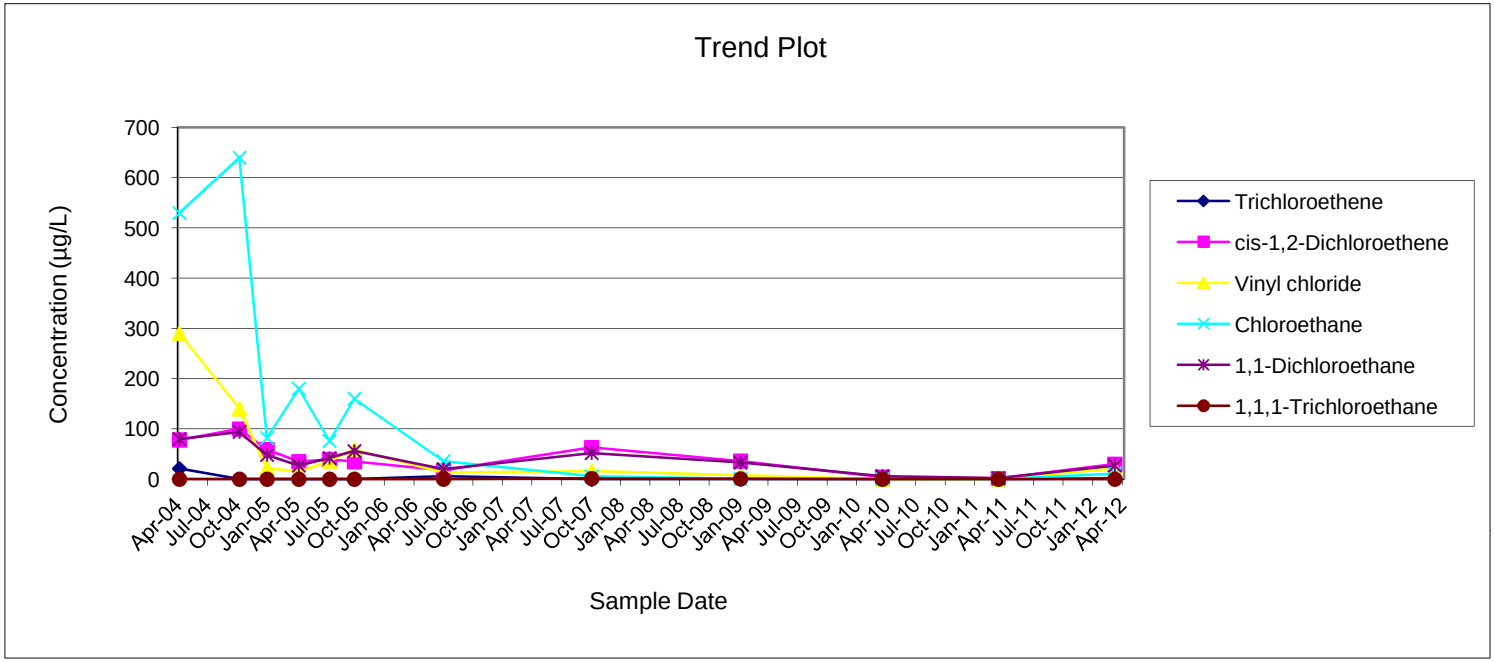
PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	78	290	530	80	< 20
10/12/2004	< 10	100	140	640	94	< 10
1/6/2005	< 10	59	22	82	48	< 10
4/15/2005	< 10	35	15	180	27	< 10
7/20/2005	< 5	39	36	76	42	< 5
10/5/2005	< 5	35	59	160	56	<5
7/10/2006	5.7	17	13	36	20	< 25
10/15/2007	< 5	63	16	5.7	52	1.3
1/21/2009	0.38	36	7.9	0.87	33	0.63
4/8/2010	< 5	4	< 5	0.62	5.9	<5
4/5/2011	< 1	1.1	<1	<1	1.9	<1
4/2/2012	1.3	30	21	11	27	<1

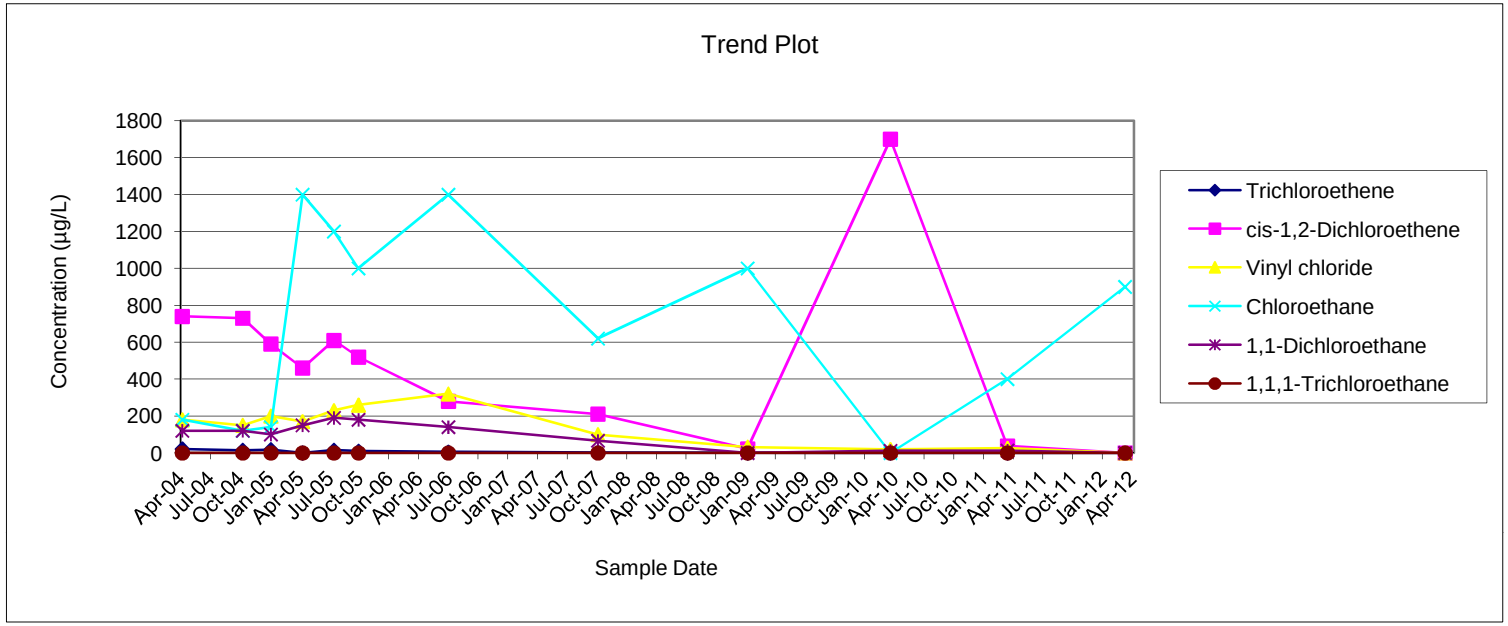
PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	<25	22	32	1000	<25	<25
4/8/2010	<5	1700	19	<5	12	<5
4/5/2011	<8	38	26	400	13	<8
4/3/2012	<10	<10	<10	900	<10	<10

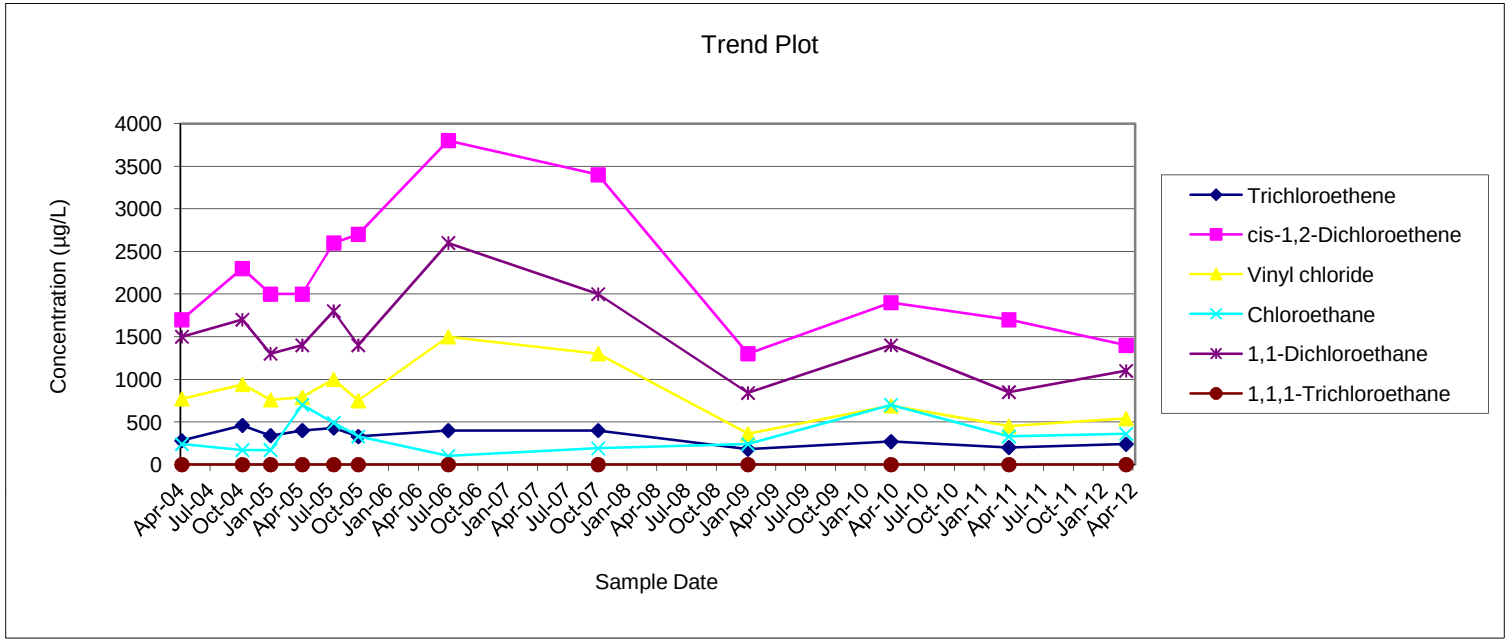
PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1
4/3/2012	240	1400	540	360	1100	<1

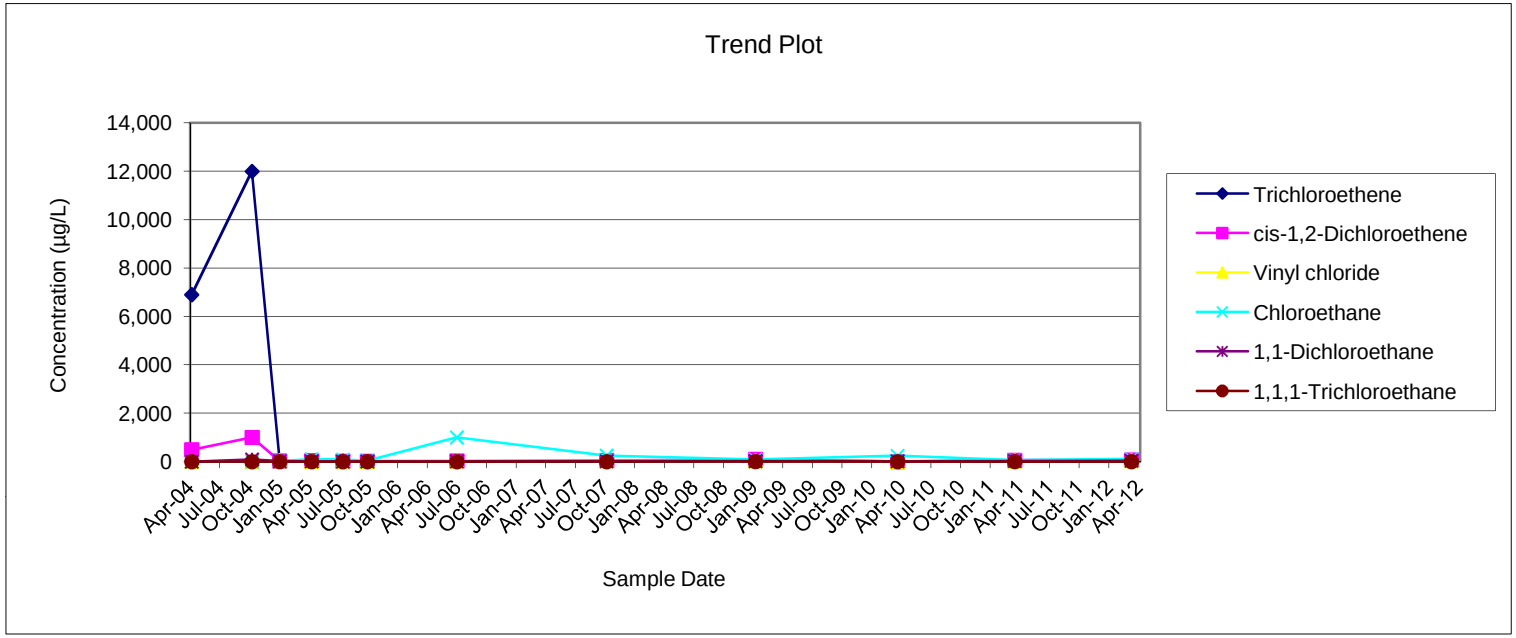
PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	< 500	< 500	< 500	< 500
10/12/2004	12,000	1,000	< 500	< 500	91	< 500
1/6/2005	9	27	39	22	15	< 10
4/15/2005	32	36	17	100	10	< 10
7/21/2005	25	12	4	84	2	< 10
10/5/2005	1.3	16	10	41	5	<5
7/10/2006	6.1	27	21	1,000	9.7	< 5
10/18/2007	6	48	39	250	16	< 20
1/22/2009	52	92	39	90	21	1.9
4/8/2010	12	6.9	3.6	240	8.7	< 10
4/7/2011	22	59	33	59	27	1.2
4/3/2012	42	66	46	110	35	<1

PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130000	47000	2800	2600	1600	820
1/8/2008	67000	30000	3200	< 5000	1100	< 5000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5000
10/2/2008	63,000	26,000	3,100	690	920	<5000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	<4,000	<4,000	5,600
10/4/2011	190,000	67,000	3,700	<800	1,400	4,600
4/3/2012	250,000	84,000	8,400	960	1,700	4,900
7/6/2012	170,000	72,000	3,900	<2000	1,200	2,400

PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York